HENTZEN COATINGS, INC.

6937 WEST MILL ROAD
MILWAUKEE, WI 53218-1225

(414) 353-4200 • FAX (414) 353-0286
coatings@hentzen.com

US EPA RECORDS CENTER REGION 5
1001762

May 4, 2007

Mr. Brian Freeman
U.S. Environmental Protection Agency
Region 5
Attn: DE-9J
77 West Jackson Boulevard
Chicago, IL 60604-3590

RE: Hentzen Coatings (BASF Batavia, IL)
EPA ID# ILD095309647
RCRA 2020 Corrective Action Universe

Dear Mr. Freeman:

Please find enclosed the following information:

1. Phase II Site Assessment for Hentzen Coatings Batavia Facility dated November 14, 2004. Hentzen Coatings purchased the property from BASF on December 17, 2004.
2. Groundwater investigation plan for the original underground storage tank farm and clean-up.
3. Closure of the Hazardous Waste soil pile and waste solvent AST.
4. Map of the facility.

The heating oil tank was abandoned in place and the tank was filled with cement. I can not find any paperwork on this tank. An underground storage tank farm for paint solvents was put in east of the original solvent tank farm that was taken out. About the same time as when the original tank farm was removed. The facility is under generator only status and does not have a RCRA permit.

I would also like to know which agency will be taking the lead in this matter, USEPA or IEPA? Since both agencies sent me a letter.

Should there be any questions or need any other information, please do not hesitate to contact me.

Sincerely,

HENTZEN COATINGS, INC.

Steven W. Gryzkewicz

Steven W. Gryzkewicz
Environmental & Safety Coordinator, CHMM

SWG/amq

Enclosures

CC: Mr. James Moore – Illinois Environmental Protection Agency

ISO 9001:2000 CERTIFIED

HENTZEN COATINGS, INC.

6937 WEST MILL ROAD
MILWAUKEE, WI 53218-1225

(414) 353-4200 · FAX (414) 353-0286
coatings@hentzen.com

May 4, 2007

Mr. James K. Moore
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

RE: 0890100007 – Kane County
Hentzen Coatings
ILD095309647
RCRA Permit

Dear Mr. Moore:

In regards to your letter dated April 23, 2007. I have been in contact with a Mr. Brian Freeman from USEPA Region 5. I have sent him some information on our Batavia facility, which is enclosed. Also, enclosed are all correspondences and any information sent to USEPA.

I would like to know which agency will take the lead in this matter, IEPA or USEPA?

Should you have any questions or need any more information, please do not hesitate to contact me.

Sincerely,

HENTZEN COATINGS, INC.

Steven W. Gryzkewicz

Steven W. Gryzkewicz
Environmental & Safety Coordinator, CHMM

SWG/amq

Enclosures

CC: Mr. Brian Freeman – USEPA, Region 5

ISO 9001:2000 CERTIFIED

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 – (217) 782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 – (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR DOUGLAS P. SCOTT, DIRECTOR

217/524-3300

April 23, 2007

Certified Mail
7004 2510 0001 8616 6324

Hentzen Coatings
Attn: Environmental Coordinator
1500 Lathem Street
Batavia, Illinois 60510-1500

Re: 0890100007 -- Kane County
Hentzen Coatings
ILD095309647
RCRA Permit

Dear Environmental Coordinator:

The Illinois EPA and the United States Environmental Protection Agency (U.S. EPA) have compiled a list of all facilities deemed appropriate and important to address using the Resource Conservation and Recovery Act's (RCRA) Corrective Action Program. Because this set of 3,880 facilities has national remediation goals which will culminate in the year 2020, it is referred to as the 2020 Corrective Action Universe. Your facility is part of this 2020 Universe.

As a result, a final remedy needs to be in place (i.e., remedy construction completed) at your facility by 2020 (although actual attainment of cleanup goals through remedy implementation may take a while longer). If we have not already done so, we will be working with you to develop a plan and a schedule that achieves this goal before 2020.

Your facility has been included in the 2020 Universe because one or more of the following is true:

- It has a RCRA permit obligation,
- Illinois EPA and U.S. EPA agreed that it needs to be addressed under the RCRA Corrective Action Program, as it at one time operated a hazardous waste management unit subject to the interim status or permit requirements of RCRA.

Inclusion on this list does not imply failure on your part to meet any legal obligation, nor should it be construed as an adverse action against you. It only means that Illinois EPA and U.S. EPA have identified your facility – and every other facility in the 2020 Universe – as needing to complete RCRA Corrective Action if they have not done so already. Our national program goal is to address these cleanup obligations before the end of 2020. Accordingly, progress will be tracked for each facility in the 2020 Universe. The list of facilities will be posted on our web site at http://www.epa.gov/correctiveaction in the near future.

Illinois EPA will work to address remediation concerns at your facility in a manner consistent with your plans for the property. There are a variety of options available for completing the required remediation efforts at your facility, ranging from participation in Illinois EPA's Site Remediation Program to establishment of an Administrative Order on Consent with USEPA under Section 3008(h) of RCRA.

Illinois EPA would like to schedule a meeting with you in the near future to discuss remedial activities at your facility and achievement of the goal mentioned in the second paragraph of this letter. Please contact James K. Moore, P.E. of my staff at 217/524-3295 if you have any questions regarding this letter and to schedule a meeting to discuss the contents of this letter.

Sincerely,

Stephen F. Nightingale, P.E.
Manager, Permit Section
Bureau of Land

SFN:JKM:bjh\072572s.dot

cc: Hak Cho, USEPA, Region 5

Rec'd 4/23/01

IESDA Incident Number 892197

Batavia

A. GROUNDWATER INVESTIGATION PLAN

Morton has conducted two field investigations on soil and groundwater at the Site. The results of the investigations are summarized in the following reports:

1. "Initial Site Investigation Report", by CH2M Hill (February 1990).

2. "Underground Storge Farm Assessment Report" by IT Corporation (March 1992).

The objective of the first investigation was to characterize the site geology and hydrogeology. The investigation focussed on the area surrounding the tank farm. Four soil borings were advanced and eight soil samples were collected for volatile organic analysis. Four monitoring wells were installed and four groundwater samples were collected from volatile organic analysis. The results indicated that the surrounding area (native till) has not been impacted by volatile organics. A copy of this report has been submitted to IEPA.

FTI

CC: Boyle
Ramani

4.16.01

The objective of the second investigation was to delineate soil impacts within the backfilled area of the tank farm. Fourteen soil borings were advanced and roughly sixty soil samples were screened by taking headspace measurements with a photoionization detector (PID). Seven soil samples were selected for laboratory analysis of volatile organics. In addition, two perched groundwater samples were obtained from the backfilled area. The soil impacts have been delineated by this investigation. A copy of this report has been submitted to IEPA.

The four monitoring wells were resampled in January 1995. The results, attached to this submittal, indicate that the area surrounding the tank farm has not been impacted by the UST release. Volatile organics were detected only in MW-2, the upgradient well. This upgradient well had been damaged and subsequently repaired in January 1995. There is evidence that this well was contaminated by the repairing process. Two volatile organics were detected: 2-butanone at 0.052 mg/l (compared to a groundwater cleanup objective of 4.2 mg/l) and methanol at 276.0 mg/l (compared to a groundwater cleanup objective of 3.5 mg/l). The fact that this is an upgradient monitoring well means that it is extremely unlikely that groundwater in the native till has truly been impacted. No further investigation is planned.

B. TYPE OF REMEDIATION SELECTED

Soil: Thermal Desorption.

Groundwater: No groundwater remediation is believed to be necessary.

C. REMEDIATION INFORMATION

1. Facility Information

a. Based on the results of the previous investigations. IEPA identified the constituents of concern in a letter to Morton dated October 31, 1994. The constituents of concern are:

Acetone
2-Butanone
1,2-Dichloroethane
1,1-Dichloroethane
Ethylbenzene
N-Butyl Alcohol
Bis (2-ethylhexyl) phthalate
Methyl Alcohol
Ethyl Alcohol
Cumene
Heptane
Hexane
Chloroform
Xylenes
Toluene
Vinyl Chloride
Methylene Chloride

b. The hydrogeologic characteristics of the facility and surrounding area.

Geology

The site is underlain by brown to gray clay till containing a trace of gravel to a depth of approximately 40 to 50 feet below grade. A sand and gravel (outwash) deposit was encountered below the till. The till-outwash contact elevation is approximately 705 feet above mean sea level. The overburden-bedrock contact is below 687 feet (the bottom elevation of the deepest boring at the site).

Based on the information collected by others at FERMI National Accelerator Laboratory, the till is Wedron Formation (Yorkville and, possibly, Malden Till) and the lower sand and gravel is the basal sand and gravel outwash.

Hydrogeology

The top two hydrostratigraphic units at the site are the till and the basal outwash. The till is very fine-grained and has a reported hydraulic conductivity of 10^{-8} cm/sec. Although the water table is in the till, its presence could not be readily identified while drilling due to the slow rate at which water flowed into the borehole. Based on the water level data collected (in 1990) at MW-4S after stabilization, the water table ranged from 734 to 742 feet above mean sea level (a depth of 7 to 15 feet below grade). This elevation is approximately 4 feet below to 4 feet above the base of the tank farm excavation pit.

The uppermost aquifer (aquifer of concern) at the site is the basal sand and gravel outwash. The potentiometric surface of the basal outwash is approximately the same elevation as the till-outwash contact (705 feet above mean sea level) and 34 feet below the base of the excavation pit.

A downward vertical gradient exists between the water table in the till and the basal outwash (aquifer of concern). Although the gradient is relatively steep, the rate of flow between the two units is slow due to the low hydraulic conductivity of the till.

Site data indicate that the probable direction of groundwater flow within the basal outwash aquifer is toward the east. The horizontal gradient was 0.0007 ft/ft to the northeast on January 8, 1990, and 0.0002 ft/ft to the east-southeast on January 25, 1990. Based on a horizontal gradient of 0.0005 ft/ft, an assumed hydraulic conductivity of 10^{-3} cm/sec, and an assumed effective porosity of 0.25, groundwater in this aquifer migrates away from the site to the east at an average linear velocity of 0.006 ft/day.

c. The proximity, quality and current uses of nearby surface water and groundwater.

Kane County hydrogeologic and water usage information has been summarized by the Illinois State Water Survey (Woller and Sanderson, 1978). According to this reference, groundwater was the source of public water for 16 municipalities, 14 subdivisions, and four state institutions in 1976.

Groundwater in the county is derived from four aquifers: shallow sands and gravels, the shallow dolomite aquifer, the Cambrian-Ordovician aquifer, and the Elmhurst-Mt. Simon aquifer. Sands and gravel within the surficial drift deposits yield moderate to large quantities (100 to 500 gpm) of water when pumped. In Kane County numerous individual wells are present within the glacial drift. Shallow outwash deposits along the Fox River are

the source of some municipal water supply systems. The shallow dolomite aquifer (comprised of the Silurian Dolomite and the Maquoketa Group) is present along the eastern edge of Kane County. The Cambrian-Ordovician aquifer system (comprised of the Galena-Platteville Dolomite Groups, Glenwood-St. Peter Sandstone, Eminence-Potosi Dolomite, Franconian Formation, and Ironton-Galesville Sandstone) is present throughout Kane County. The Elmhurst Sandstone Member of the Eau Claire Formation and the Mt. Simon Sandstone are connected hydraulically and form the deepest fresh water aquifer in northern Illinois.

In 1976, the total public water supply pumpage within Kane County was approximately 31.9 MGD. Of this amount, approximately 17 percent was obtained from sand and gravel aquifers, 1 percent from the shallow dolomite aquifer, and 57 percent from combinations of formations within the Cambrian-Ordovician and the Elmhurst-Mt. Simon aquifer systems.

Based on information contained within the Illinois State Water Survey (ISWS) files, local hydrogeologic conditions can be further characterized as follows:

- The water table is in the glacial drift. Locally perched groundwater conditions exist due to variations in deposit permeability and porosity. The discontinuous nature of drift deposits places limits on the extent to which water levels in one unit may be correlated with those in another unit.

- The sand and gravel at the base of the drift is hydraulically connected to the underlying shallow dolomite aquifer. At the FERMI National Accelerator Laboratory, this unit was relatively continuous (Landon and Kempton, 1971) and can be considered the uppermost aquifer of concern in the area.

- Although potentiometric conditions in the basal sand and gravel aquifer have not been mapped, those in the shallow dolomite aquifer have been. The potentiometric surface for the sand and gravel is likely to be very similar to that for the shallow dolomite aquifer. A northeast/southwest trending groundwater divide exists within the shallow dolomite aquifer beneath the Minooka Moraine near the site (Sasman et al., 1981).

- No sand and gravel water supply wells are present in the area surrounding the Whittaker facility.

- The ISWS has a record of five private (domestic and/or farm) and two public water supply wells in the shallow dolomite aquifer

within a 1-mile radius of the site. None of these are reported to be within 1,000 feet of the Whittaker property.

- Within a 2- to 3-mile radius of the site, there are several additional bedrock wells including those used by the City of Batavia, the City of West Chicago, and FERMI National Accelerator Laboratory.

d. The potential effects of residual contamination on nearby surface water and groundwater.

There is some indication that perched groundwater quality in the immediate vicinity of the tank farm may be affected by the release of fluids from the remote fill lines. This liquid appears to have migrated into the excavation pit for the tanks.

Because the rate of groundwater flow within the till is very slow, the contamination that has spread within this unit is limited in areal extent. None of the data collected support the view that groundwater contaminants have migrated away from the site. The only mobile groundwater beneath the site is that within the basal outwash aquifer (aquifer of concern).

To constitute a threat to the population using shallow bedrock groundwater as a source of water, tank chemicals would have to flow through at least 34 feet of till to the basal outwash and migrate within the basal outwash and shallow dolomite aquifer to water supply wells offsite. Based on the data collected to date, it is reasonable to conclude that the hydraulic properties of the till have limited the extent of tank chemical constituents to the backfilled tank area. A limited-scope investigation conducted in 1990 revealed no evidence of groundwater contamination in the sand and gravel of the basal outwash aquifer at the site.

e. A site map is attached.

f. Process flow diagrams

~~A block flow diagram of a typical thermal desorption system is attached.~~

g. Operation of the storage or treatment units managed at the site:

in.) Type of operation

The type of operation for treatment of the contaminated soils will be low temperature thermal desorption (LTTD). Material will be excavated from tank farm area and stockpiled for processing by

LTTD. The stockpile will not exceed that amount which can be treated within a two day (working days) time frame. Out feed from the treatment unit will be stockpiled until results from laboratory analysis are received - at which time the stockpile will either be reprocessed or used as backfill in the excavation if it meets soil cleanup objectives. Perched groundwater encountered during excavation will be collected (pumped) and sent off site for treatment and disposal.

ii.) Days and hours of operations

Excavation and on-site treatment of contaminated soil, as well as backfilling operations, are anticipated to take approximately 20 to 40 working days. The hours of operation will typically be 8:00 a.m. to 5:00 p.m., Monday through Saturday, unless longer days are required.

iii.) Number and duties of employees

The remedial activity will involve a site engineer, technical oversight engineer, contractor's superintendent, operators, drivers and technicians. The engineers will oversee excavation, treatment and backfilling activities, as well as sampling and material handling techniques. The superintendent will oversee the activities performed by the operators, drivers and technicians. The operators will be responsible for excavation and backfill of material and operating the LTTD. The driver(s) will be responsible for hauling material around the site to and from the excavation and treatment areas. The technicians will be responsible for decontamination, sampling and field activities including daily records and document control.

iv.) Logistics

The on-site plant engineer will designate routes for access and egress. Work areas will also be defined and marked off prior to intrusive activities. Lay-down and stockpile areas will also be designated prior to set-up of the treatment facilities. Treatment operations are anticipated to be staged west of the production facility. An adequate vehicle parking area will be designated for the contractor, which may or may not be adjacent to the work area. Materials and tools to the work area will be via the same route as for the contractor's personnel. The contractor will be responsible for adherence to all pertinent environmental regulations and construction safety standards.

The contractor will utilize standard heavy construction equipment for excavating and transferring material around the site. Contaminated material will be excavated and placed into a dump truck for on-site transfer to the treatment area. The dump truck will stockpile material near the feed hopper of the LTTD and a front end loader will be used to load the material into the hopper. The treated material will be quenched and moisture treated (rehydrated) upon exiting the desorber. The treated soil then falls onto the stacking conveyor for stockpiling.

Upon completion of laboratory testing to confirm that the cleanup criteria have been met, and the confirmatory samples in the excavation have passed, the treated soil will be used as backfill and compacted within the excavation.

All open excavations and work areas will be adequately safeguarded by providing temporary barricades, caution signs, fences, lighting and other means to prevent accidents to persons and vehicles, and to prevent damage to property. The configuration of the excavation will be controlled by the on-site engineer, and the size will be dictated by the feed rate of the LTTD unit. The contractor shall be solely responsible for strictly adhering to all OSHA regulations, especially those pertaining to excavations. All open excavations, excavated material, equipment or other obstacles which may present a hazard will be barricaded and/or secured as necessary.

v.) Equipment to be utilized:

- Low-temperature thermal desorption (LTTD) unit - for treating the contaminated soil to below cleanup objective levels (size and capacity will be determined by the contractor during the bidding process);

- The LTTD unit will have appropriate air pollution control equipment to maintain air emissions at or below levels specified in the contractor's air quality permit;

- Excavator - for excavation of the contaminated soil;

- Front end loader - for feeding the contaminated soil into the treatment unit hopper, and for loading treated material into trucks for transport to the excavation;

- Dump trucks - for transporting soils to and from the treatment facility;

- Air monitoring equipment - for personnel and receptor vapor concentration monitoring;

- Personal protective equipment - for worker safety against construction and chemical hazards.

vi.) Dust control

Equipment and materials necessary to implement dust control measures will be available throughout work at the site. Water obtained from a potable source will be used in implementing dust control measures. Should odor control become an issue, operational approaches of the work will be realigned to minimize odor problems.

vii.) Daily cleanup procedures

Areas at the site will be free from waste materials, debris and trash. The site will be maintained daily in a clean and orderly condition. Removal of debris and trash will be in accordance with the facility's (owner's) policies. To prevent environmental pollution arising from the construction and treatment activities, the contractor shall follow all applicable federal, state and local laws and regulations concerning waste material disposal. For instance, systems will be in place for on-site removal of mud from vehicles before entering public streets and sweeping of common areas at the facility.

viii.) Site security

Site security will utilize current security practices being implemented at the facility to prevent unauthorized site access, vandalism and theft. All work areas are within fenced area of site with gate-controlled access.

ix.) Frequency of process measures in the treatment system

The frequency of process measures (testing) shall be as follows:

Treated soil samples Treated soils shall be placed by the outfeed (stacking) conveyor in stockpiles of 100 cubic yards. Testing treated soils to ensure that the cleanup objectives are met will be conducted on a 100 cubic yard basis. Soils not meeting cleanup objectives will be re-

treated. To minimize the cost of testing treated samples all stockpiles will be tested for the chemical which will be most difficult to remove: bis(2-ethylhexyl) phthalate. If the most difficult chemical meets its cleanup objective, then it can be inferred that the more easily removed compounds have been removed as well. For quality control purposes, every fifth stockpile will be sampled and analyzed for cumene and a volatile organics scan. These stockpiles will be selected randomly.

Verification samples — After the excavation has reached material that is not noticeably contaminated, samples will be taken for verification that all of the contaminated soil has been removed. Excavation will continue horizontally and vertically until material meeting soil cleanup objectives is encountered. Wall sampling will occur every 20 feet of open excavation face (measured linearly along the perimeter). Floor sampling will be conducted every 20 square feet (20 feet on center, each way) of excavation floor. All failed areas will be retested after further excavation has been performed. All samples will be analyzed for the chemicals listed in section 4.d.

Compaction control — Treated soil used as excavation backfill will be compacted to 95% of the Modified Proctor maximum dry density as determined by ASTM method D1557. Prior to backfilling, two samples of the treated soil will be taken and have Modified Proctor tests ran on them. Compaction testing frequency will be determined by the geotechnical engineer after end use and structural requirements of the fill have been finalized. The same compaction testing methods will be incorporated for additional "clean" material imported to the site to complete backfilling the excavation.

2. Design Information

NOTE: The following information is general and not specific to a given contractor. Detailed information will be provided to the IEPA upon request after a thermal treatment contractor has been selected.

a. Type of equipment and model number:

A thermal desorption unit typically includes the following components:

Control Room or Panel:	All variables (temperature, feed rate, etc.) are controlled from this centralized location.
Primary feed hopper:	Feed material (soil) is placed into the hopper by front end loader and is delivered through the hopper onto a conveyor.
Feed Conveyors:	Conveyors are used to deliver untreated material from the hopper, to a power screen, across a belt weigh scale and to a slinger conveyor. The feed conveyors limit the feed rate of the unit.
Power Screen:	Used to screen out solid materials (typically greater than two inches diameter) prior to processing.
Slinger Conveyor:	Used to "throw" material into thermal desorber.
Thermal Desorber:	Used to elevate soil temperatures to a level necessary to convert all contaminants in the soil (liquid and solid) into a vapor state for removal by way of the exhaust gas stream.
Dust Collection System:	Used to trap dust from the gas stream prior to vapor treatment. A thermal dust collector may also be incorporated to vaporize any remaining contaminants from the dust particles.
Combustion System:	The combustion system elevates vapor temperatures to sufficient levels for contaminant destruction.

Quench:	A quench system is employed during the outfeed process to cool and moisture condition (rehydrate) the soil.
Stacking Conveyor:	After the quench, a stacking conveyor is used to place treated soil into stockpiles. The stacking conveyor will usually have radial capabilities.

b. Maximum amount (throughput) of soil to be treated:

The maximum amount of soil to be treated is estimated to be approximately 3,000 cubic yards. This number may increase if soil requires re-treatment due to being off-spec or if additional soil excavation is required.

c. Estimated daily amount of soil to be treated:

The daily amount of soil to be treated will be dependent upon the contractor and model selected. Feed rates of thermal desorption units vary from 10 to 100 tons per hour. With an assumed feed rate of 20 tons per hour and 8 hours of production daily, 200 tons per day is estimated.

d. Operating temperature:

The operating temperature of LTTD units varies from about 800°F up to approximately 1200°F. The actual operating temperature of the LTTD unit at the Morton facility will be dependent upon the contractor and model selected.

e. Residence times of soil, gases and ash (dust):

The residence time of soils in the kiln is controlled by rotation, feed rate, and slope of the kiln. Typical residence times of soils in the kiln can be altered from 5 to 30 minutes. Typical residence times of gases and dusts varies from 5 to 10 minutes and is often dictated by the air flow demanded by the unit. Since residence times are dependent upon moisture, concentration levels, temperature and chemical constituents, the actual residence times of the materials will be dependent upon the LTTD unit selected.

f. Description of pollution control devices:

Fugitive dusts are typically trapped in a baghouse. The dust-free air and gas stream is then typically treated by a thermal oxidizer at temperatures often exceeding 1500°F for a retention time of approximately one second.

Actual pollution control devices will be dependent upon the contractor and model selected

g. Information on the management of soil prior to treatment:

Once excavated, the soil will be stockpiled near the feed hopper. The stockpiles will not be any larger than the amount which can be treated within two working days. The stockpile area will be bermed and lined as necessary to prevent contaminant migration and to protect human health and the environment.

h. Design specifications:

NOTE: Detailed information will be provided to the IEPA upon request after a thermal treatment contractor has been selected.

in.) Plan, elevation and isometric views of treatment and pollution control equipment

TBD Dependent upon the contractor and model selected

ii.) Schematic diagram of the unit and pollution control equipment

TBD Dependent upon the contractor and model selected

iii.) Drawing showing location of all monitors

TBD Dependent upon the contractor and model selected

iv.) Minimum, maximum and normal operating conditions

TBD Dependent upon the contractor and model selected

Operating Condition	Maximum	Minimum	Normal
Temperature			
Retention Time			
CO Levels			
HCl Levels			
Combustion Gas Flow Rate			

v.) Description of how system interlocks and emergency feed cut-off work

TBD Dependent upon the contractor and model selected

3. **Operation Information**

a. Total volume of waste to be treated:

An estimated 3,000 cubic yards of contaminated soil will require thermal treatment.

b. Sampling plan for in-coming waste to be treated by the proposed remediation plan:

Since the contract will be performance based, in-coming waste stream sampling will be the responsibility of the contractor to satisfy the contract.

c. Maintenance schedule:

~~TBD Dependent upon the contractor and model selected~~

4. **Completion Information**

a. Steps necessary for the final closure of the site at the end of its intended operating life.

The former tank area will be excavated until verification sampling indicates that no further soil removal is necessary or until the practical limits of

excavation are reached. The area will then be backfilled with clean material from the treatment system as well as from off site borrow sources.

Excavation will not be performed beneath buildings nor foundations. The excavation will not proceed any closer to, or below, the foundations than those distances and soil slopes deemed safe by a structural or geotechnical engineer.

b. Steps necessary to prevent damage to the environment during temporary shut down of the treatment system.

The excavation activities will have no impact on adjacent properties. No adverse environmental impacts will occur due to temporary treatment system shutdowns (weekends, etc.).

c. Steps necessary to decontaminate equipment (including cleaning equipment) during closure activities.

Equipment associated with the cleanup will be decontaminated (washed with a detergent cleanser and triple rinsed prior to demobilization. Specific decontamination procedures for treatment equipment will be per vendor standard procedures.

d. Constituent levels, sampling and analytical requirements that demonstrate that the facility has been restored to background or clean-up objective levels.

Verification sampling results for thermally treated soil and excavation limits shall be the soil cleanup objectives set by IEPA in a letter to Morton dated October 31, 1994. The Soil and Groundwater Cleanup Objectives are set as follows:

Parameter	Soil Cleanup Objective (mg/kg)	Soil ADL (mg/kg)	Groundwater Cleanup Objectives (mg/l)
Acetone	0.7		0.7
Methylene Chloride	0.005		0.005*
2-Butanone	4.2		4.2
1,2-Dichloroethane	0.005		0.005*
1,1-Dichloroethane	0.7		0.7
Ethylbenzene	0.7		0.7

Parameter	Soil Cleanup Objective (mg/kg)	Soil ADL (mg/kg)	Groundwater Cleanup Objectives (mg/l)
N-Butyl Alcohol	0.7		0.7
Bis (2-ethylhexyl) phthalate	0.12	0.18	0.006*
Methyl Alcohol	3.5		3.5
Ethyl Alcohol	571.0		571.0
Cumene	0.28		0.28
Heptane	152.0		7.6
Hexane	0.42		0.42
Chloroform	0.0002		0.0002*
Xylenes	10.0		10.0
Toluene	1.0		1.0
Vinyl Chloride	0.002		0.002*

Notes

ADL: Acceptable Detection Limit: lowest Practical Quantitation Limit (PQL) from SW846 reflecting the latest versions adopted or proposed by the USEPA in the Federal Register.

*: In addition to meeting the individual groundwater recommendations indicated in the tables above, the following equation must be satisfied in order to protect against liver tumors,

$$\frac{[\text{bis(2-ethylhexyl)phthalate}]}{0.005\ \text{mg/l}} + \frac{[\text{chloroform}]}{0.0002\ \text{mg/l}} +$$

$$\frac{[\text{1,2-dichloroethane}]}{0.005\ \text{mg/l}} + \frac{[\text{methylene chloride}]}{0.005\ \text{mg/l}} + \frac{[\text{vinyl chloride}]}{0.002\ \text{mg/l}} + < 1.0$$

e. How areas around the facility will be checked for contamination from spills during remediation activities. If contamination is found, how and to what extent will any contaminated areas be remediated.

Before demobilization, the site will be visually surveyed to ensure that all contaminated soil has been removed and treated. Any areas found to be contaminated will be decontaminated (treated or washed) prior to demobilization.

f. The maximum amount of waste in storage at any time.

It is estimated that no more than two production days of contaminated soil will be stored (stockpiled) at any given time. This actual volume will be dependent upon the contractor and model selected, since daily production of units vary.

g. How the maximum expected inventory of waste in storage will be disposed.

The estimated 3,000 cubic yards of soil will be thermally treated by the LTTD unit and used as backfill in the soil removal excavation.

h. How all equipment and structures will be cleaned, if necessary.

As discussed in Item C above.

in. How any cleanup equipment or waste generated from the cleaning process will be managed.

Any rinsate and decontamination materials generated during the cleanup activities will be properly contained in 55-gallon D.O.T. approved drums or poly tanks. If the rinsate is determined to be hazardous, it will be shipped to an appropriate disposal facility.

5. Groundwater Monitoring

No groundwater monitoring is anticipated, after the soil remediation is completed. There have been two groundwater monitoring events (January 1990 and January 1995). The groundwater cleanup objectives have not been exceeded in either event. The 1995 analytical data are attached. The monitoring well locations are shown in the CH_2M Hill report.

6. Cost Estimates for Alternative Soil Remediation Technologies

Not required since the site is not seeking reimbursement.

7. Corrective Action Completion Report

After completion of the remediation, RUST will prepare a Corrective Action Completion Report demonstrating that:

- the cleanup has been completed as provided in the Corrective Action Form;
- the cleanup has met the Agency's established clean-up objectives; and,
- the cleanup was conducted in accordance with all applicable rules and regulations.

This report must also include an attached certification form from a registered Professional Engineer of Illinois.

Morton *International*

July 14, 1993 File: USA-BAT-E-SHW-071493

Mr. Hernando Albarracin
Illinois Environmental Protection Agency
Permits Section
Division of Land Pollution Control
P.O. Box 19276
Springfield, IL 62794-9276

Subject: 0890100007 -- Kane County
Morton International
ILD095309647

Dear Mr. Albarracin:

On behalf of Morton International, IT Corporation has prepared the attached response to IEPA's conditional closure approval dated January 19, 1993 for the referenced project. In addition to addressing each of the closure conditions point by point, the response also presents the results of sampling efforts discussed in various telephone conversations between IEPA and Morton/IT and outlined in my letter to your office dated February 20, 1993.

It is Morton's opinion that through the efforts of implementation of the approved closure plan and by demonstration of the data from the sampling and analysis plan, clean closure of this matter should be granted by IEPA. The only constituent detected is 1,2-dichloropropane at sample location CSA-28A. Since this compound was not detected in any previous sample analyses and based on the fact that 1,2-dichloropropane is not and has not been used at the facility, the detection at CSA-28A does not appear to be related to the placement of the soil pile in this area.

Finally, it remains Morton's objective to have the former above ground storage tank excavation (which generated the soil pile) closed in conjunction with the soil pile closure. To facilitate this, your office had requested a sample to be collected near sample SS-10. This has been completed and as indicated in the attached report, the resampling resulted in non-detection. It is hoped that the data available is now sufficient to allow IEPA to close this excavation as well.

Morton International, Inc., Morton International Building
100 North Riverside Plaza, Randolph Street at the River
Chicago, IL 60606-1596 312/807-2000

Morton is prepared to finalize and submit the Closure Report and related certifications required to close this project. I will call you in the next few weeks to discuss this submittal and final project closure. If you have any questions in the meantime, please call me at 312-807-2366.

Sincerely,

Thomas D. Gentner

Thomas D. Gentner, P.E.
Manager, Environmental Affairs

TDG/tg

encl

cc: E. Murphy - BAT
K. Walanski
Ted Slavik - IT (w/out encl)

INTERNATIONAL TECHNOLOGY CORPORATION

July 12, 1993

Project No. 312253.03

Mr. Thomas D. Gentner, P.E.
Manager, Environmental Affairs
Morton International, Inc.
100 North Riverside Plaza
Chicago, Illinois 60606-1596

RECEIVED
JUL 13 1993
ENVIRONMENTAL AFFAIRS DEPT.

Re: Morton-Batavia
1) Closure of Waste Soil Accumulation Pile;
Draft Response to IEPA Comments, dated January 19, 1993
2) Closure of AST Area; Sampling Results

Dear Mr. Gentner,

Enclosed is a draft response to January 19, 1993 IEPA comments on the "Final Report, Soil Pile Closure Sampling" for the Morton-Batavia facility and information on the closure of the AST area. The number in parentheses preceeding the paragraph corresponds to the IEPA comment number.

(1) Sampling (closure) activities have been completed by July 1, 1993. A completed closure certification form, provided by IEPA, with a signature of an Illinois certified professional engineer and assembled information outlined in (a) - (h) in comment 1 will be provided to IEPA by September 1, 1993 for the Waste Soil Accumulation Pile. The status of the AST area is outlined separately in this letter.

(2) No response necessary.

(3) Two additional soil samples were taken from the hazardous waste soil pile (SO3) area. The samples (CSA-28A and CSA-5A) were collected at a depth of 18 to 24 inches on March 5, 1993 by IT Corporation in accordance with IEPA RCRA sample collection procedures. Sample CSA-28A was taken at sample grid location CSA-28 and analyzed for volatile organic compounds (VOCs) (see Attachment 1). Location CSA-28 is the only location of twenty-nine grid points where IEPA soil cleanup objectives (SCOs) were exceeded for 1,2-dichloropropane in the first sampling on September 16, 1992. Other sample locations (CSA-10, CSA-18, and CSA-21) had VOC detections in the first sampling, but did not exceed the IEPA SCOs. Analysis of CSA-28A detected 1,2-dichloropropane at a concentration of 905 ug/kg, which is above the generic IEPA SCO of 5 ug/kg for this compound. All other VOCs in sample CSA-28A were not detected. The source of this compound is probably not the soil pile because analyses of samples from the 28 other locations and all other sampling of the waste soil pile and AST area showed no detections of 1,2-dichloropropane.

Sample CSA-5A was taken at sample grid point CSA-5 and analyzed for TCLP metals by the methods listed in Attachment 1. Sample CSA-5A analytical results showed no detections of the TCLP metals - arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver - above the SCOs. This sample location was one of the three (CSA-10 and CSA-12 were the other two) exhibiting the highest concentrations of four metals (arsenic, lead, nickel, and chromium) detected at the highest levels in the first sampling event.

(4) As stated in comment No. 4, methylene chloride is believed to be a laboratory contaminant for samples taken in the soil pile. A case narrative letter from National Environmental Testing, Inc. (Attachment 2), which describes the laboratory contamination in the method blank data, is intended to

(Attachment 2), which describes the laboratory contamination in the method blank data, is intended to address the methylene chloride detection issue. The concentration of methylene chloride in the samples ranged from 8.1 ug/kg to 12 ug/kg. Methylene chloride was detected in the method blank at a concentration of 1.2 ug/kg. In addition, according to USEPA Risk Assessment Guidance for Superfund Volume I (HHEM, Part A, December 1989), these concentrations would not be considered positive detections since they are less than or equal to 10 times the detected concentration in the blank for a listed common laboratory contaminant (methylene chloride). Since chloroform was not detected in any of the samples, the trip blank, or the method blank, but was only detected in the rinsate blank chloroform is not considered to be an issue. Therefore, no quality assurance data is provided.

(5), (6), & (7) Groundwater has not been encountered in any sampling events. In groundwater sampling from four monitoring wells at the site in January 1990, groundwater levels were reported at levels ranging from 30 to 46 feet. Based on expected depth-to-groundwater, these comments are not an issue for this project.

(8) to (11) A letter requesting withdrawal of Morton's RCRA Permit Part A was submitted on September 17, 1989 (refer to 0890100007 -- Kane County; Whittaker Corporation). This document was resubmitted to IEPA on February 20, 1993. Other provisions outlined in these comments (eg. OSHA) have been adhered to during closure activities.

(12) Samples from the Waste Soil Accumulation Pile were all analyzed individually and in accordance with USEPA SW-846 procedure outlines. As stated in the "Final Report, Soil Pile Closure Sampling", no visually discolored materials were discovered. Samples were collected and equipment was decontaminated following the procedures described in Section 3.2 of the report, which are in accordance to IEPA RCRA sample collection procedures. SW-846 methods for analytical parameters are listed in Section 3.3 of the report. For inorganic parameters, Sample CSA-5A met the RCRA groundwater detection limits referenced in SW-846 and no metals were detected in this sample. The sampling program grid was designed to determine the lateral extent of contamination and additional samples were taken at appropriate depths to confirm lack of vertical contamination.

(13) to (16) No response needed.

(17) The hazardous waste generated from this closure project was included in Morton's annual report to the IEPA.

AST Area Closure and Sampling Results

With respect to closure of the above ground accumulation tank area (AST Area), an additional sample (SS-10C) was taken on the north edge of the area. The sample was collected near sample point SS-10 on May 6, 1993 by IT Corporation at a depth of 6 to 6.5 feet (see Attachment 3). The sample was collected as a result of a phone conversation with Mr. Hernando Albarracin of IEPA on February 26, 1993. Mr. Albarracin requested that one sample be collected from a depth of 6 to 6.5 feet in the area of SS-10 or SS-15. The sample was collected by hand-augering to a depth of 5.75 feet, installing a PVC pipe as temporary casing to prevent cave-in, and using a one-foot tube sampler to collect the soil from 5.75 to 6.75 feet, according to IEPA RCRA sample collection procedures. The 0.25-foot section on each end was not used in the sample. The sample was sealed with bentonite clay, capped, held on ice, and transported to the laboratory. Sample SS-10C was analyzed for VOCs by Method 8240 and no chemicals were detected. Analytical results for sample SS-10C are included as Attachment 4.

Morton should request that IEPA grant closure of the soil pile area and of the AST area upon submission of a Closure Report. Sampling (closure) activities are considered to be complete and the soils in the soil pile area and in the AST area meet site SCOs at the depths requested by the IEPA.

If you have any questions, please contact me at (708) 250-7788.

Sincerely,

IT CORPORATION

Theodore M. Slavik

Theodore M. Slavik
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Ted Slavik
IT CORP
Suite 200
333 Pierce Rd.
Itasca, IL 60143

04/12/1993

Sample No. : 201252

NET Job No.: 93.01707

Sample Description: CSA-28A; Soil
Morton-Batavia

Date Taken: 03/05/1993
Time Taken: 12:10
IEPA Cert. No. 100221

Date Received: 03/05/1993
Time Received: 14:55
WDNR Cert. No. 999447130

Parameter	Results	Units	Date of Analysis	Analytical Method
Solids, Total	84.4	%	03/15/1993	2540 (4)
VOLATILES - 8240 NONAQUEOUS				
Acrolein	<100.	ug/Kg	03/10/1993	8240 (1)
Acrylonitrile	<100.	ug/Kg	03/10/1993	8240 (1)
Benzene	<5.0	ug/Kg	03/10/1993	8240 (1)
Bromodichloromethane	<5.0	ug/Kg	03/10/1993	8240 (1)
Bromoform	<5.0	ug/Kg	03/10/1993	8240 (1)
Bromomethane	<10.	ug/Kg	03/10/1993	8240 (1)
Carbon tetrachloride	<5.0	ug/Kg	03/10/1993	8240 (1)
Chlorobenzene	<5.0	ug/Kg	03/10/1993	8240 (1)
Chloroethane	<10.	ug/Kg	03/10/1993	8240 (1)
2-Chloroethylvinyl ether	<10.	ug/Kg	03/10/1993	8240 (1)
Chloroform	<5.0	ug/Kg	03/10/1993	8240 (1)
Chloromethane	<10.	ug/Kg	03/10/1993	8240 (1)
Dibromochloromethane	<5.0	ug/Kg	03/10/1993	8240 (1)
1,2-Dichlorobenzene	<5.0	ug/Kg	03/10/1993	8240 (1)
1,3-Dichlorobenzene	<5.0	ug/Kg	03/10/1993	8240 (1)
1,4-Dichlorobenzene	<5.0	ug/Kg	03/10/1993	8240 (1)
1,1-Dichloroethane	<5.0	ug/Kg	03/10/1993	8240 (1)
1,2-Dichloroethane	<5.0	ug/Kg	03/10/1993	8240 (1)
1,1-Dichloroethene	<5.0	ug/Kg	03/10/1993	8240 (1)
trans-1,2-Dichloroethene	<5.0	ug/Kg	03/10/1993	8240 (1)
cis-1,2-Dichloroethene	<5.0	ug/Kg	03/10/1993	8240 (1)
1,2-Dichloropropane	905.	ug/Kg	03/10/1993	8240 (1)
cis-1,3-Dichloropropene	<5.0	ug/Kg	03/10/1993	8240 (1)
trans-1,3-Dichloropropene	<5.0	ug/Kg	03/10/1993	8240 (1)
Ethyl benzene	<5.0	ug/Kg	03/10/1993	8240 (1)
Methylene chloride	<5.0	ug/Kg	03/10/1993	8240 (1)
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg	03/10/1993	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Ted Slavik
IT CORP
Suite 200
333 Pierce Rd.
Itasca, IL 60143

04/12/1993

Sample No. : 201252

NET Job No.: 93.01707

Sample Description: CSA-28A; Soil
Morton-Batavia

Date Taken: 03/05/1993
Time Taken: 12:10
IEPA Cert. No. 100221

Date Received: 03/05/1993
Time Received: 14:55
WDNR Cert. No. 999447130

Parameter	Results	Units	Date of Analysis	Analytical Method
Tetrachloroethene	<5.0	ug/Kg	03/10/1993	8240 (1)
Toluene	<5.0	ug/Kg	03/10/1993	8240 (1)
1,1,1-Trichloroethane	<5.0	ug/Kg	03/10/1993	8240 (1)
1,1,2-Trichloroethane	<5.0	ug/Kg	03/10/1993	8240 (1)
Trichloroethene	<5.0	ug/Kg	03/10/1993	8240 (1)
Trichlorofluoromethane	<5.0	ug/Kg	03/10/1993	8240 (1)
Vinyl chloride	<2.0	ug/Kg	03/10/1993	8240 (1)
Xylenes, Total	<5.0	ug/Kg	03/10/1993	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Ted Slavik
IT CORP
Suite 200
333 Pierce Rd.
Itasca, IL 60143

04/12/1993

Sample No. : 201253

NET Job No.: 93.01707

Sample Description: CSA-5A; Soil
Morton-Batavia

Date Taken: 03/05/1993
Time Taken: 12:45
IEPA Cert. No. 100221

Date Received: 03/05/1993
Time Received: 14:55
WDNR Cert. No. 999447130

Parameter	Results	Units	Date of Analysis	Analytical Method
TCLP-Arsenic, GFAA	<0.0050	mg/L	03/23/1993	7061 (1)
TCLP-Barium, ICP	1.93	mg/L	03/22/1993	6010 (1)
TCLP-Cadmium, ICP	<0.003	mg/L	03/22/1993	6010 (1)
TCLP-Chromium, ICP	<0.005	mg/L	03/22/1993	6010 (1)
TCLP-Lead, GFAA	<0.0050	mg/L	03/22/1993	7421 (1)
TCLP-Mercury, CVAA	<0.0004	mg/L	03/19/1993	7470 (1)
TCLP-Selenium, AA	<0.0050	mg/L	03/23/1993	7741 (1)
TCLP-Silver, AA	<0.040	mg/L	03/18/1993	7760 (1)

NET® NATIONAL ENVIRONMENTAL TESTING, INC.

RECEIVED 1993

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

CASE NARRATIVE

Mr. Tom Gentner
MORTON INTERNATIONAL
100 N. Riverside Plaza
Chicago, IL 60606-1596

04/22/1993

NET Job Number: 92.48895

Project Description: Morton-Batavia Closure

Sample Number	Sample Description	Date Taken	Date Received
180760	CSA-01; 0-6', Soil	09/15/1992	09/16/1992
180761	CSA-02; 0-6', Soil	09/15/1992	09/16/1992
180762	CSA-03; 0-6', Soil	09/15/1992	09/16/1992
180763	CSA-04; 0-6', Soil	09/15/1992	09/16/1992
180764	CSA-05; 0-6', Soil	09/15/1992	09/16/1992
180765	CSA-06; 0-6', Soil	09/15/1992	09/16/1992
180766	CSA-07; 0-6', Soil	09/15/1992	09/16/1992
180767	CSA-08; 0-6', Soil	09/15/1992	09/16/1992
180768	CSA-09; 0-6', Soil	09/15/1992	09/16/1992
180769	CSA-10; 0-6', Soil	09/15/1992	09/16/1992
180770	CSA-11; 0-6', Soil	09/15/1992	09/16/1992
180771	CSA-12; 0-6', Soil	09/15/1992	09/16/1992
180772	CSA-13; 0-6', Soil	09/15/1992	09/16/1992
180773	CSA-14; 0-6', Soil	09/15/1992	09/16/1992
180774	CSA-15; 0-6', Soil	09/15/1992	09/16/1992
180775	CSA-16; 0-6', Soil	09/16/1992	09/16/1992
180776	CSA-17; 0-6', Soil	09/16/1992	09/16/1992
180777	CSA-18; 0-6', Soil	09/15/1992	09/16/1992
180778	CSA-19; 0-6', Soil	09/16/1992	09/16/1992
180779	CSA-20; 0-6', Soil	09/15/1992	09/16/1992
180780	CSA-21; 0-6', Soil	09/15/1992	09/16/1992
180781	CSA-22; 0-6', Soil	09/15/1992	09/16/1992
180782	CSA-23; 0-6', Soil	09/15/1992	09/16/1992
180783	CSA-24; 0-6', Soil	09/16/1992	09/16/1992
180784	CSA-25; 0-6', Soil	09/15/1992	09/16/1992
180785	CSA-26; 0-6', Soil	09/16/1992	09/16/1992
180786	CSA-27; 0-6', Soil	09/16/1992	09/16/1992
180787	CSA-28; 0-6', Soil	09/16/1992	09/16/1992
180788	CSA-29; 0-6', Soil	09/16/1992	09/16/1992
180789	CSA-RIN	09/16/1992	09/16/1992
180790	Trip Blank		09/16/1992

Volatile analysis for the samples listed above was performed by method 8240, USEPA SW-846 (3rd ed.), September 1986. Quality control practices follow SW-846 protocol.

cc: Ted Slavik, IT Corporation

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

CASE NARRATIVE

Mr. Tom Gentner
MORTON INTERNATIONAL
100 N. Riverside Plaza
Chicago, IL 60606-1596

04/22/1993

NET Job Number: 92.48895

Project Description: Morton-Batavia Closure

Sample Number	Methylene Chloride in Sample	Methylene Chloride in Method Blank	Units	Date Analyzed
180760	<5.0	1.2	ug/kg	09-23-92
180761	<5.0	1.2	ug/kg	09-23-92
180762	<5.0	1.2	ug/kg	09-23-92
180763	<5.0	1.2	ug/kg	09-23-92
180764	<5.0	1.2	ug/kg	09-23-92
180765	<5.0	1.2	ug/kg	09-23-92
180766	<5.0	1.2	ug/kg	09-23-92
180767	<5.0	1.2	ug/kg	09-23-92
180768	<5.0	1.2	ug/kg	09-23-92
180769	<5.0	1.2	ug/kg	09-23-92
180770	<5.0	1.2	ug/kg	09-23-92
180771	<5.0	1.2	ug/kg	09-23-92
180772	<5.0	1.2	ug/kg	09-25-92
180773	<5.0	1.2	ug/kg	09-26-92
180774	<5.0	1.2	ug/kg	09-26-92
180775	6.6	1.2	ug/kg	09-26-92
180776	<5.0	1.2	ug/kg	09-26-92
180777	8.3	1.2	ug/kg	09-26-92
180778	10.6	1.2	ug/kg	09-26-92
180779	<5.0	1.2	ug/kg	09-26-92
180780	9.5	1.2	ug/kg	09-26-92
180781	<5.0	1.2	ug/kg	09-26-92
180782	7.6	1.2	ug/kg	09-26-92
180783	8.6	1.2	ug/kg	09-26-92
180784	7.6	1.2	ug/kg	09-26-92
180785	10.4	1.2	ug/kg	09-26-92
180786	9.4	1.2	ug/kg	09-26-92
180787	7.9	1.2	ug/kg	09-26-92
180788	9.5	1.2	ug/kg	09-26-92
^180789	<5.0	1.2	ug/kg	09-26-92
180790	<5.0	1.2	ug/kg	09-26-92

^180789 is a rinsate blank. Two 8240 compounds were detected:
Chloroform = 15.0 ug/L
Bromodichloromethane = 1.1 ug/L

NET NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

CASE NARRATIVE

Mr. Tom Gentner
MORTON INTERNATIONAL
100 N. Riverside Plaza
Chicago, IL 60606-1596

04/22/1993

NET Job Number: 92.48895

Project Description: Morton-Batavia Closure

The following comments should be noted for the indicated fraction;

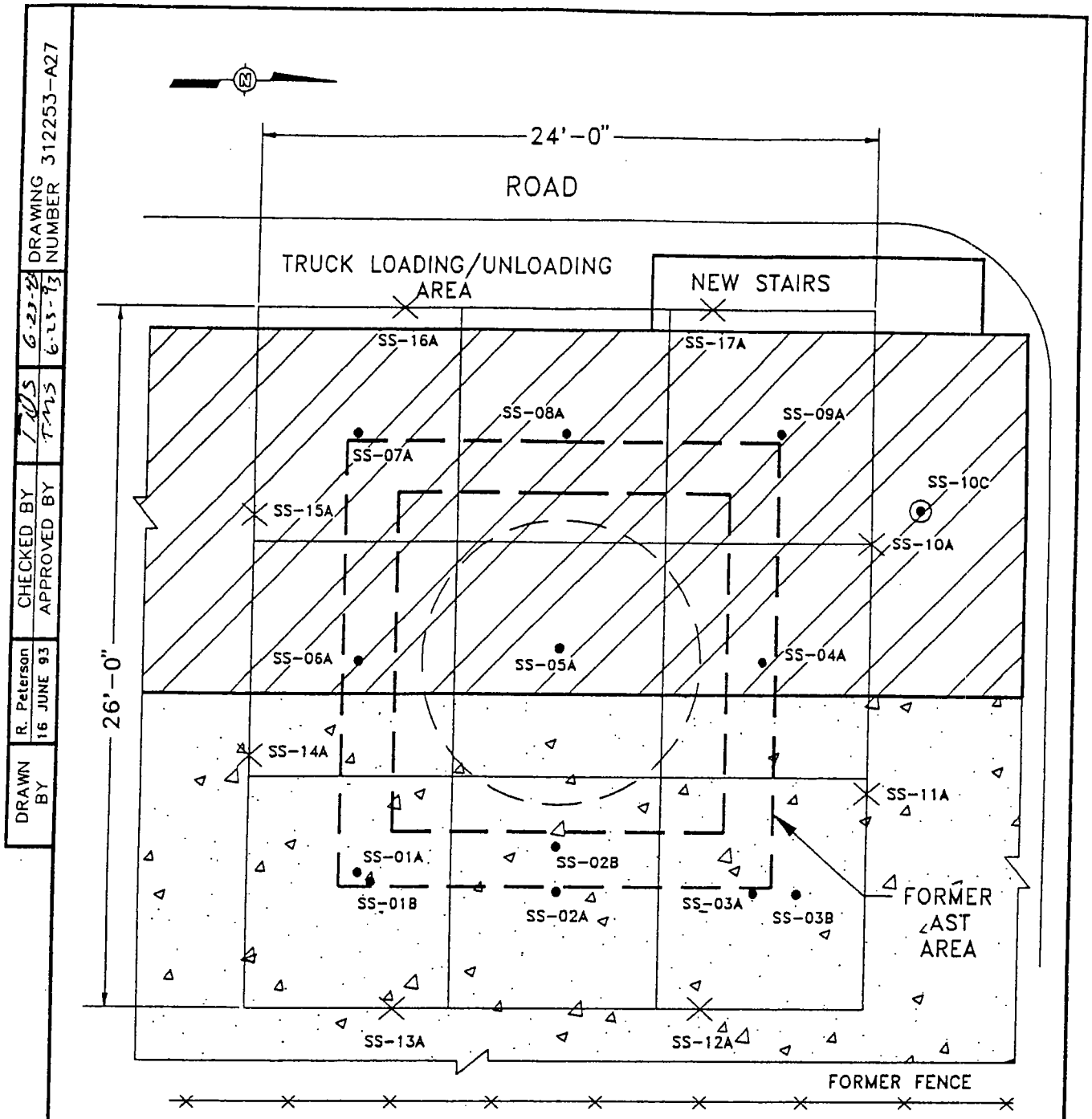
Volatile Organic Analysis

The results listed on page 2 show levels of methylene chloride in samples. Several samples from the 3-26-93 analysis have low levels present. Methylene chloride is detected in the method blank at 1.2 ug/L, which is below the laboratory reporting limit of of 5.0 ug/L and below the Method Detection Limit (MDL) of 4.2 ug/L. Methylene chloride was not detected in the rinsate blank (sample 180789) or in the trip blank (sample 180790). The control limit for assesing the method blank is any analyte should be below the reporting limit. SW-846 allows for methylene chloride and other common laboratory solvents to be present in the method blank at < 5 times the reporting limit, which in this case allows methylene chloride in the blank at <25.0 ug/L. The samples in which methylene chloride is detected are below 25.0 ug/L. So, all samples listed here have levels of methylene chloride which are in-control for a method blank.

Note: The rinsate blank has chloroform at 15.0 ug/L and bromodichloromethane at 1.1 ug/L. These compounds are not detected in the trip blank or method blank or any of the actual samples.

Approved by:

Ray Kalicki
QA Coordinator



DRAWN BY	R. Peterson 16 JUNE 93	CHECKED BY	APPROVED BY	6-23-93	6-23-93	DRAWING NUMBER 312253-A27

LEGEND

- ● SS-01A TO SS-09A – SAMPLES TAKEN FROM BOTTOM
- × SS-10A TO SS-17A – SAMPLES TAKEN FROM SIDEWALL
- SS-01A SECOND ROUND SAMPLE
- SS-01B THIRD ROUND SAMPLE
- ⊙ SS-10C FOURTH ROUND SAMPLE
- AREA OBSCURED BY ABOVE GROUND PIPING

(APPROXIMATE SCALE)

0 6 12 FEET

FIGURE 5

SAMPLING LOCATIONS
WASTE ACCUMULATION
AST AREA CLOSURE
BATAVIA, ILLINOIS

PREPARED FOR

MORTON INTERNATIONAL, INC.
BATAVIA, ILLINOIS

© 1984 IT CORPORATION
ALL COPYRIGHTS RESERVED

"Do Not Scale This Drawing"

...Creating a Safer Tomorrow

NET® NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

RECEIVED JUN 11 1993

ANALYTICAL REPORT

Mr. Tom Gentner
MORTON INTERNATIONAL (CH)
100 N. Riverside Plaza
Chicago, IL 60606

06/10/1993

NET Job Number: 93.03562

Enclosed are the Analytical Results for the following samples submitted to NET, Inc. Bartlett Division for analysis:

Project Description: 336836; Morton-Batavia

Sample Number	Sample Description	Date Taken	Date Received
209625	SS-10C; Soil	05/05/1993	05/06/1993

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please do not hesitate to call. NET has been pleased to provide these analytical services for you.

Approved By:

Paula J. Kalicki
for Neal E. Cleghorn
Operations Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Tom Gentner
MORTON INTERNATIONAL (CH)
100 N. Riverside Plaza
Chicago, IL 60606

06/10/1993

Sample No. : 209625

NET Job No.: 93.03562

Sample Description: SS-10C; Soil
336836; Morton-Batavia

Date Taken: 05/05/1993
Time Taken: 13:00
IEPA Cert. No. 100221

Date Received: 05/06/1993
Time Received: 16:45
WDNR Cert. No. 999447130

Parameter	Results	Units	Date of Analysis	Analytical Method
Solids, Total	83.4	%	05/17/1993	2540 (4)
VOLATILES - 8240 NONAQUEOUS				
Acetone	<100.	ug/Kg	05/12/1993	8240 (1)
Benzene	<5.0	ug/Kg	05/12/1993	8240 (1)
Bromodichloromethane	<5.0	ug/Kg	05/12/1993	8240 (1)
Bromoform	<5.0	ug/Kg	05/12/1993	8240 (1)
Bromomethane	<10.	ug/Kg	05/12/1993	8240 (1)
2-Butanone (MEK)	<100.	ug/Kg	05/12/1993	8240 (1)
Carbon disulfide	<100.	ug/Kg	05/12/1993	8240 (1)
Carbon tetrachloride	<5.0	ug/Kg	05/12/1993	8240 (1)
Chlorobenzene	<5.0	ug/Kg	05/12/1993	8240 (1)
Chloroethane	<10.	ug/Kg	05/12/1993	8240 (1)
2-Chloroethylvinyl ether	<10.	ug/Kg	05/12/1993	8240 (1)
Chloroform	<5.0	ug/Kg	05/12/1993	8240 (1)
Chloromethane	<10.	ug/Kg	05/12/1993	8240 (1)
Dibromochloromethane	<5.0	ug/Kg	05/12/1993	8240 (1)
1,2-Dichlorobenzene	<5.0	ug/Kg	05/12/1993	8240 (1)
1,3-Dichlorobenzene	<5.0	ug/Kg	05/12/1993	8240 (1)
1,4-Dichlorobenzene	<5.0	ug/Kg	05/12/1993	8240 (1)
1,1-Dichloroethane	<5.0	ug/Kg	05/12/1993	8240 (1)
1,2-Dichloroethane	<5.0	ug/Kg	05/12/1993	8240 (1)
1,1-Dichloroethene	<5.0	ug/Kg	05/12/1993	8240 (1)
trans-1,2-Dichloroethene	<5.0	ug/Kg	05/12/1993	8240 (1)
cis-1,2-Dichloroethene	<5.0	ug/Kg	05/12/1993	8240 (1)
1,2-Dichloropropane	<5.0	ug/Kg	05/12/1993	8240 (1)
cis-1,3-Dichloropropene	<5.0	ug/Kg	05/12/1993	8240 (1)
trans-1,3-Dichloropropene	<5.0	ug/Kg	05/12/1993	8240 (1)
Ethyl benzene	<5.0	ug/Kg	05/12/1993	8240 (1)
2-Hexanone	<50.	ug/Kg	05/12/1993	8240 (1)

NET® NATIONAL ENVIRONMENTAL TESTING, INC.

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Tom Gentner
MORTON INTERNATIONAL (CH)
100 N. Riverside Plaza
Chicago, IL 60606

06/10/1993

Sample No. : 209625

NET Job No.: 93.03562

Sample Description: SS-10C; Soil
336836; Morton-Batavia

Date Taken: 05/05/1993
Time Taken: 13:00
IEPA Cert. No. 100221

Date Received: 05/06/1993
Time Received: 16:45
WDNR Cert. No. 999447130

Parameter	Results	Units	Date of Analysis	Analytical Method
Methylene chloride	<5.0	ug/Kg	05/12/1993	8240 (1)
4-Methyl-2-pentanone (MIBK)	<50.	ug/Kg	05/12/1993	8240 (1)
Styrene	<5.0	ug/Kg	05/12/1993	8240 (1)
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg	05/12/1993	8240 (1)
Tetrachloroethene	<5.0	ug/Kg	05/12/1993	8240 (1)
Toluene	<5.0	ug/Kg	05/12/1993	8240 (1)
1,1,1-Trichloroethane	<5.0	ug/Kg	05/12/1993	8240 (1)
1,1,2-Trichloroethane	<5.0	ug/Kg	05/12/1993	8240 (1)
Trichloroethene	<5.0	ug/Kg	05/12/1993	8240 (1)
Vinyl acetate	<50.	ug/Kg	05/12/1993	8240 (1)
Vinyl chloride	<10.	ug/Kg	05/12/1993	8240 (1)
Xylenes, Total	<5.0	ug/Kg	05/12/1993	8240 (1)

NATIONAL ENVIRONMENTAL TESTING, INC.
NET Midwest, Bartlett Division

Bartlett Division
850 W. Bartlett Rd.
Bartlett, IL 60103
Tel: (708) 289-3100
Fax: (708) 289-5445

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in the results column indicates the analyte was not detected at or above the reported value.
mg/L	:	Concentration in units of milligrams of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per million (ppm).
ug/g	:	Concentration in units of micrograms of analyte per gram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per million (ppm) or mg/Kg.
ug/L	:	Concentration in units of micrograms of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per billion (ppb).
ug/Kg	:	Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per billion (ppb).
B	:	Sample result flag indicating that the analyte was also found in the method blank analysis. The value after the B indicates the concentration found in the blank analysis.
E	:	Sample result flag indicating that the reported concentration exceeds the linear range of the instrument for that specific analysis and should be considered estimated.
TCLP	:	These initials appearing in front of an analyte name indicate that the Toxicity Characteristic Leaching Procedure (TCLP) was performed for this test.
%	:	Percent; To convert ppm to %, divide the result by 10,000. To convert % to ppm, multiply the result by 10,000.
Dry Weight	:	When indicated, the results are reported on a dry weight basis. The contribution of the moisture content in the sample is subtracted when calculating the concentration of the analyte.
ICP	:	Indicates analysis was performed using Inductively Coupled Plasma Spectroscopy.
AA	:	Indicates analysis was performed using Atomic Absorption Spectroscopy.
GFAA	:	Indicates analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy.
PQL	:	Practical Quantitation Limit; the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

Method References

(1) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986.

(2) ASTM "American Society for Testing Materials

(3) Methods 100 through 499: see "Methods for Chemical Analysis of Water and Wastes", USEPA, 600/4-79-020, Rev. 1983.

(4) See "Standard Methods for the Examination of Water and Wastewater", 17th Ed, APHA, 1989.

(5) Methods 600 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants", USEPA Federal Register Vol. 49 No. 209, October 1984.

(6) Methods 500 through 599: see "Methods for the Determination of Organic Compounds in Drinking Water," USEPA 600/4-88/039, Rev. 1988.

Morton

June 10, 1994 File: USA-BAT-E-SHW-601094

TO: E. Murphy (BAT) cc: F. Wohlschlaeger

FROM: T. Gentner

SUBJECT: Closure of Hazardous Waste Soil Pile

Attached is a copy of the IEPA closure approval letter which I recently received related to the referenced project. This letter approves the closure and formally brings this project to a successful conclusion.

I would like to commend you and your facility for the diligence and patience you demonstrated in the execution of the project through the exceedingly long schedule and attendant agency delays. It was a pleasure to work with you and we hope that we met your expectations.

Thomas D. Gentner
Manager, Environmental Affairs

TDG/tg

encl

State of Illinois
ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director
217/524-3300

2200 Churchill Road, Springfield, IL 62794-9276

June 6, 1994

Mr. Thomas D. Gentner, P.E.
Morton International, Inc.
100 North Riverside Plaza
Chicago, Illinois 60606-1596

RECEIVED
JUN 9 1994
ENVIRONMENTAL AFFAIRS DEPT.

Re: 0890100007 -- Kane County
Morton International
ILD095309647
RCRA-Closure
Closure Log #C-611
Received: September 3, 1993

Dear Mr. Gentner:

This is in response to the certification of closure submitted by IT Corporation for the hazardous waste waste pile (S03) and hazardous waste accumulation tank area at the above-referenced facility. This certification, signed by a representative of the owner/operator, Eugene Murphy, and an independent registered professional engineer, William K. Graham, P.E., indicated that the subject hazardous waste management unit(s) had been closed in accordance with the plan approved by the Agency on May 29, 1992.

The subject hazardous waste management unit (S03) was inspected by a representative of this Agency on April 22, 1994. The inspection revealed that the unit was closed in accordance with the approved closure plan. In addition, a review of the closure certification and accompanying closure documentation report also indicates that the S03 unit and hazardous waste accumulation tank area were closed in accordance with the approved closure plan. Therefore, the Agency has determined that closure of the S03 unit and hazardous waste accumulation tank area at the above-referenced facility has apparently met the requirements of 35 IAC 725.

As a result of completing closure of the subject hazardous waste management units:

1. This facility must continue to meet the requirements of 35 Ill. Adm. Code 722 -- Standards Applicable to Generators of Hazardous Waste and 35 Ill. Adm. Code 728 -- Land Disposal Restrictions.

Should you have any questions regarding this matter, please contact Hernando Albarracin at 217/524-3264.

Sincerely,

Douglas W. Clay, P.E.
Hazardous Waste Branch Manager
Permit Section, Bureau of Land

DWC:HAA/mls/335W/17-18

cc: USEPA Region V, George Hamper
William K. Graham, P.E.

Morton

December 10, 1993

File: USA-BAT-E-SHW-121093

Mr. Hernando Albarracin
Illinois Environmental Protection Agency
Permits Section
Division of Land Pollution Control
P.O. Box 19276
Springfield, IL 62794-9276

Subject: 0890100007 -- Kane County
Morton International
ILD095309647

Dear Mr. Albarracin:

In response to our recent telephone conversations, please find attached three (3) copies of the Closure Certification Statement with original signatures and P.E. seal for the referenced project. I trust that these meet your requirements.

I have also taken the time to attached copies of the Land Disposal Restriction Certifications for the waste disposal manifests associated with the closure. It is my understanding that Ms. Tina Kovasznay of the IEPA Maywood office required these copies before she would schedule her site inspection which will close out this project. I respectfully request that I be notified in advance of the scheduled inspection date as I would like to be present for the inspection. In the interest of time and our busy schedules, a telephone call three days in advance will suffice.

I trust that you have no additional questions or concerns related to the Closure Report which was submitted on August 30, 1993. Should you have any additional concerns, I request that submit them in writing to my attention.

Sincerely,

Thomas D. Gentner

Thomas D. Gentner, P.E.
Manager, Environmental Affairs

TDG/tg

encl

cc: E. Murphy (BAT)
K. Walanski

ATTACHMENT

This statement is to be completed by both the responsible officer and by the registered professional engineer upon completion of closure. Submit one copy of the certification with original signatures and three additional copies.

Closure Certification Statement

Closure Log C-611-M-1

The hazardous waste management S03 unit at the facility described in this document has been closed in accordance with the specifications in the approved closure plan. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

ILD095309647
USEPA ID Number

Morton International - Batavia
Facility Name

Eugene Murphy 10/25/93
Signature of Owner/Operator Date

Eugene Murphy, Vice President - Operations
Name and Title

William K. Graham 10-22-93
Signature of Registered P.E. Date

William K. Graham, IL P.E. #45418
Name of Registered P.E. and Illinois Registration Number

Mailing Address of P.E.:
IT Corporation
333 Pierce Road, Suite 200
Itasca, IL 60143

IT Corporation
333 Pierce Road, Suite 200
Itasca, IL 60143

LWE:HAA:lat/sp/756Z,8

STATE OF ILLINOIS
WILLIAM K. GRAHAM
045418
LICENSED
PROFESSIONAL ENGINEER

LANDFILL NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc.

Manifest Doc. No.: 0 0 7 8 8

CWM Profile Number: A E 0 8 1 5

State Manifest No.: 3685175

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater.
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: _____HOCs, _____PCBs, _____Acid, _____Metals, _____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10.							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature [illegible] Title Env. Rep. Date 7-8-92

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc. Manifest Doc. No.: 7547

CWM Profile Number: A 2 0 8 1 5 State Manifest No.: 3685176

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: _____HOCs, _____PCBs, _____Acid, _____Metals, _____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature [signature] Title Env. Rep. Date 7-8-92

LANDTHERAPY NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc.

Manifest Doc. No.: [illegible]

CWM Profile Number: A 5 0 8 1 5

State Manifest No.: 3685177

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: _____HOCs, _____PCBs, _____Acid, _____Metals, _____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D. 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS -

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature [signature] Title Envl. Rep Date 7-8-92

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc. Manifest Doc. No.: 2 7 5 1 1

CWM Profile Number: A E 0 8 1 5 State Manifest No.: 3685178

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: _____HOCs, _____PCBs, _____Acid, _____Metals, _____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REP #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS 6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature [signature] Title Env. Rep Date 7-6-92

ANTICIPATORY NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc.

Manifest Doc. No.: [illegible]

CWM Profile Number: A E 0 8 1 5

State Manifest No.: 3685179

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: _____HOCs, _____PCBs, _____Acid, _____Metals, _____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REP #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater, organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature [illegible] Title Env. Rep Date 7-8-92

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc. Manifest Doc. No.: 00731

CWM Profile Number: A B 0 8 1 5 State Manifest No.: 3685180

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: ____HOCs, ____PCBs, ____Acid, ____Metals, ____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REP #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature _____ Title _____ Date 7-8-93

LAND DISPOSAL WITHDRAWAL AND CERTIFICATION FORM

Generator Name: Morton International, Inc. Manifest Doc. No.: 0 0 7 8 2

CWM Profile Number: A E 0 8 1 5 State Manifest No.: 36852281

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: _____HOCs, _____PCBs, _____Acid, _____Metals, _____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REP #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents, despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature [signature] Title Sr. Kao Date 7-8-92

PARTICIPATION NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc. Manifest Doc. No.: 00 7 8 3

CWM Profile Number: A E 0 8 1 5 State Manifest No.: 3685282

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: ____HOCs, ____PCBs, ____Acid, ____Metals, ____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents, despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature [illegible] Title [illegible] Date 7-2-92

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc. Manifest Doc. No.: 0 0 7 3 4

CWM Profile Number: A E 0 8 1 5 State Manifest No.: 3685283

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: ____HOCs, ____PCBs, ____Acid, ____Metals, ____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1.TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature _____ Title _____ Date _____

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc. Manifest Doc. No.: 007755

CWM Profile Number: A E 0 8 1 5 State Manifest No.: 3685284

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☑ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: ____HOCs, ____PCBs, ____Acid, ____Metals, ____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature [illegible] Title [illegible] Date 7-6-92

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc. Manifest Doc. No.: 00

CWM Profile Number: A E 0 8 1 5 State Manifest No.: 3685285

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: ____HOCs, ____PCBs, ____Acid, ____Metals, ____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature [signature] Title Env Rep Date 7-8-92

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

G ' rator Name: Morton International, Inc. Manifest Doc. No.: 00

CWM Profile Number: A E 0 8 1 5 State Manifest No.: 3685287

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater

. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: _____HOCs, _____PCBs, _____Acid, _____Metals, _____Cyanides.

3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D; and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature _____ Title _____ Date _____

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc. Manifest Doc. No.:

CWM Profile Number: A E 0 8 1 5 State Manifest No.: 3685288

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: ____HOCs, ____PCBs, ____Acid, ____Metals, ____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REP #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature [illegible] Title [illegible] Date 7-6-92

[illegible] AND CERTIFICATION FORM

Generator Name: Morton International, Inc. Manifest Doc. No.:

CWM Profile Number: A E 0 8 1 5 State Manifest No.: 3685289

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: ____HOCs, ____PCBs, ____Acid, ____Metals, ____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS 6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature: [illegible] Title: [illegible] Date: [illegible]

CWM 2001A (11/91) Generator Copy - Retain this copy either in [illegible] with manifest records

LANDDISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc. Manifest Doc. No.:

CWM Profile Number: A E 0 8 1 6 State Manifest No.: 3685291

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☐ Non-Wastewater ☑ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: _____HOCs, _____PCBs, _____Acid, _____Metals, _____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subdivision, or check NONE if the waste code has no subdivision. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBDIVISION ENTER THE SUBDIVISION DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS 6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	7. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X			A
2	F005		X	X			A
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

E. WASTE IS NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature_____ Title_____ Date_____

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM

Generator Name: Morton International, Inc. Manifest Doc. No.: 07815

CWM Profile Number: A E 0 8 1 5 State Manifest No.: 3686295

1. Is this waste a non-wastewater or a wastewater? (See 40 CFR 268.2) Check ONE: ☒ Non-Wastewater ☐ Wastewater
2. If this waste is subject to any California List restrictions enter the letter from below (either A, B1, or B2) next to each restriction that is applicable: _____HOCs, _____PCBs, _____Acid, _____Metals, _____Cyanides.
3. Identify ALL USEPA hazardous waste codes that apply to this waste shipment, as defined by 40 CFR 261. For each waste code, identify the corresponding subcategory, or check NONE if the waste code has no subcategory. Also check which treatment standards apply. Spent solvent and California List treatment standards are listed on the back of this form. If F039, multi-source leachate applies, those standards must be attached by the generator.

REF #	4. US EPA HAZARDOUS WASTE CODE(S)	5. SUBCATEGORY ENTER THE SUBCATEGORY DESCRIPTION IF NOT APPLICABLE SIMPLY CHECK NONE		6. APPLICABLE TREATMENT STANDARDS			7. HOW MUST THE WASTE BE MANAGED ENTER THE LETTER FROM BELOW
				6.a - PERFORMANCE-BASED: CHECK AS APPLICABLE		6.b - SPECIFIED TECHNOLOGY: IF APPLICABLE ENTER THE 40 CFR 268.42-TABLE 1 TREATMENT CODE(S)	
		DESCRIPTION	NONE	268.41(a)	268.43(a)	268.42(a)	
1	F003		X	X	X		D
2	F005		X	X	X		D
3							
4							
5							
6							
7							
8							
9							
10							

To list additional USEPA waste code(s) and subcategory(s), use the supplemental sheet provided (CWM-2001-B) and check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 7 above, enter the letter (A, B1, B2, B3, C, or D) below that describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7). Please understand that if you enter the letter B1, B2, B3, or D, you are making the appropriate certification as provided below.

A. RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268 Subpart D, 268.32, or RCRA Section 3004(d).

B.1 RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

B.2 RESTRICTED WASTES FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY (AND THE WASTE HAS BEEN TREATED BY THAT TECHNOLOGY)

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

B.3 GOOD FAITH ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264 Subpart O or Part 265 Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 7 above.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I have determined that this waste meets all applicable treatment standards set forth in 40 CFR Part 268 Subpart D, and all applicable prohibition levels set forth in Section 268.32 or RCRA Section 3004(d), and therefore, can be land disposed without further treatment. A copy of all applicable treatment standards and specified treatment methods is maintained at the treatment, storage and disposal facility named above. "I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth on 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting false certification, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

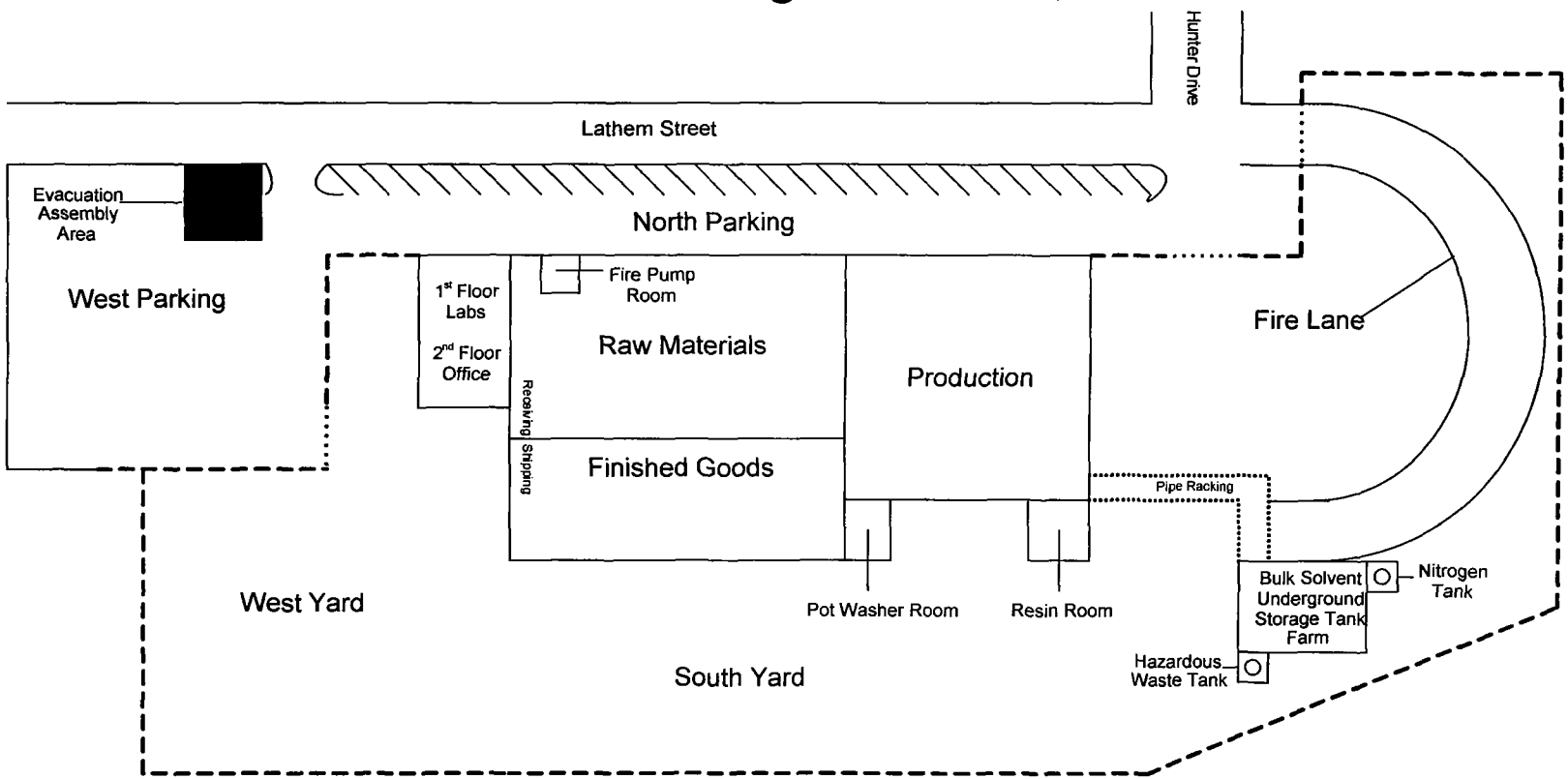
Signature [signature] Title Env Rep Date 7-8-92

© 1990 Chemical Waste Management, Inc. - 7/17/90 Form CWM-2001-A

Printed on recycled paper.

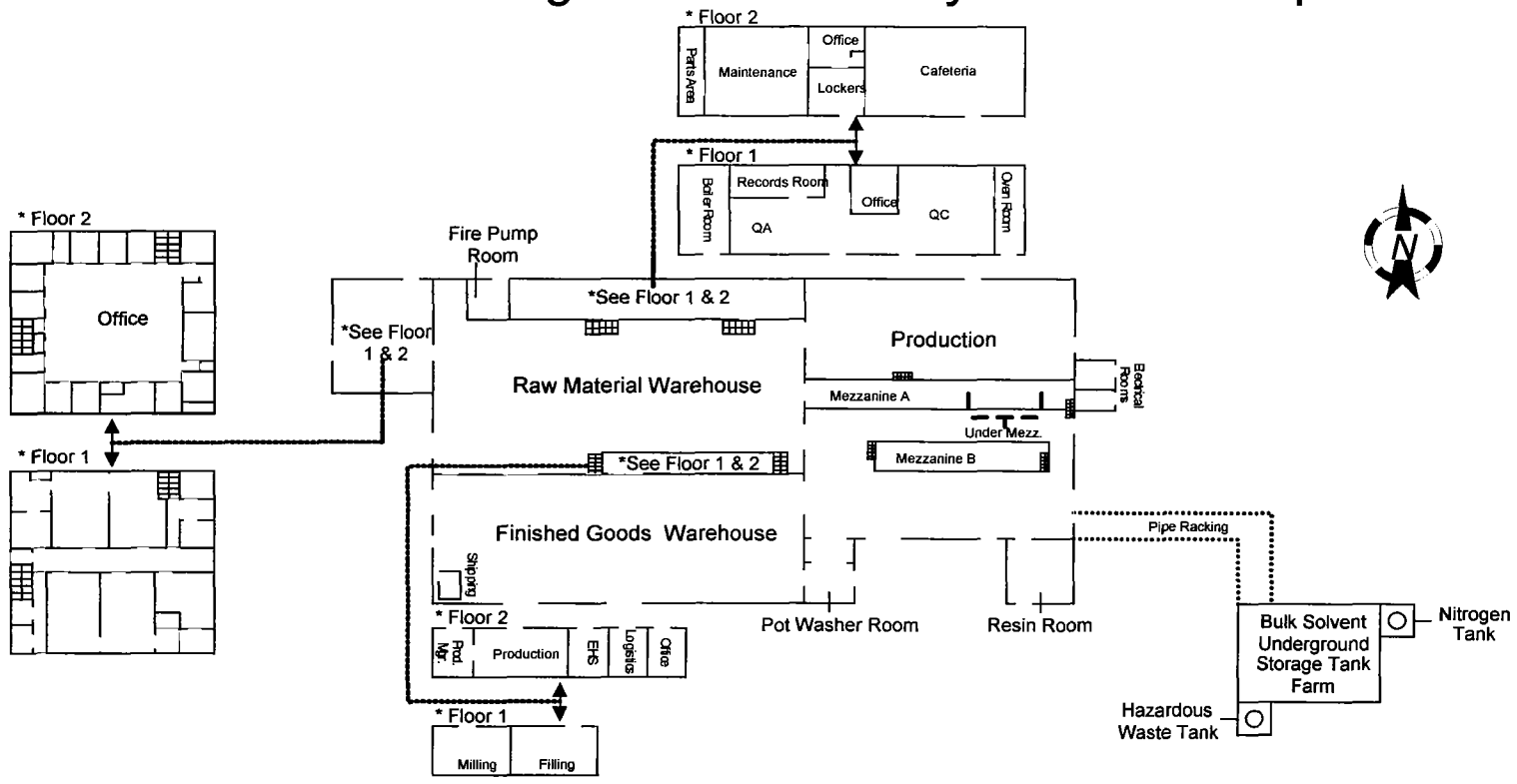
HENTZEN COATINGS

Industrial Coatings - Batavia, Illinois



HENTZEN COATINGS

Industrial Coatings Batavia Facility - Detailed Map



ENSR INTERNATIONAL

ENSR International
27755 Diehl Road, Suite 100
Warrenville, IL 60555
(630) 836-1700
FAX (630) 836-1711
www.ensr.com

November 17, 2004

ENSR Project No. 00760-156-100

Mr. J. Douglas Reid-Green
Senior Environmental Specialist
BASF Corporation
100 Campus Drive
Florham Park, NJ 07932

Subject: Summary Report of Findings: Phase II Environmental Site Assessment of the BASF facility located at 1500 Latham Street, Batavia, Illinois

Dear Mr. Reid-Green:

ENSR Corporation (ENSR) is pleased to submit this report documenting the findings of a Phase II Environmental Site Assessment (ESA) conducted at the above-referenced property. The objective of this limited Phase II ESA was to evaluate whether the soil and shallow groundwater beneath the subject property have been impacted by current site use, historical site use and/or offsite sources of concern.

In October 2004, ENSR reviewed several environmental reports prepared for the subject property by others, including, but not limited to, previous ESAs, a heating oil tank closure report, a hazardous waste pile storage area and above ground storage tank closure report, a leaking underground storage tank corrective action report. A review of these reports identified several potential concerns including onsite industrial paint manufacturing, underground storage tank removal, onsite thermal soil desorption, as well as historical offsite steel processing.

The following paragraphs present a summary of the activities performed during this limited Phase II ESA including drilling activities, soil and groundwater sampling and analytical results. The final sections present ENSR's conclusions and recommendations, followed by a discussion of limitations of the Phase II ESA conducted at the subject property.

Soil Sampling

On October 27 and 28, 2004, ENSR advanced twenty-four soil borings (GP-1 through GP-24) at the subject property using a direct push, Geoprobe® sampling system operated by GeoServe of Crystal Lake, Illinois. The borings were advanced at or near locations identified as potential areas of concern. The locations of the borings are illustrated on **Figure 1**.

The soil borings were continuously advanced using a 2.5-inch diameter by 4-foot long hollow steel barrel sampler fitted with new acetate sampling sleeves, and hydraulically driven into the native soils. In general, soil samples were selected from depths in the 0-3 feet below ground surface (bgs) interval (surface) and from depths between 4-9 feet bgs (subsurface). Surface samples were not collected

from topsoil or fill. Subsurface samples were collected from above the capillary fringe. The collected soil samples were placed in the appropriate laboratory supplied container, labeled, recorded on a chain-of-custody (COC) form, and placed in a cooler with ice pending delivery to First Environmental Laboratories (FEL) in Naperville, Illinois.

Native soils encountered during the Phase II ESA consisted of clays or silty clays, with some sand seams, to a depth of 20 feet bgs. No visual or olfactory evidence of contamination was observed. Groundwater was encountered at depths ranging from 2 to 10 feet bgs. The soil boring logs are included as **Appendix A**.

Groundwater Sampling

Following the collection of the soil samples from the borings, two-inch diameter PVC monitoring wells were installed at three of the boring locations: GP-1 (MW-1), GP-4 (MW-2) and GP-14 (MW-3) using a hollow stem auger drill rig. Monitoring well construction diagrams are included as **Appendix B**. Each monitoring well was developed and then sampled within twenty-four hours using disposable polyethylene bailers and nylon rope. The groundwater was collected in clean laboratory supplied containers, labeled, recorded on a COC form, and placed in a cooler with ice pending transport to FEL.

In addition to the monitoring wells, one-inch diameter temporary PVC piezometers were installed at four of the boring locations; GP-11 (PZ-11), GP-12 (PZ-12), GP-17 (PZ-17), and GP-24 (PZ-24). The piezometers were surveyed and used to measure groundwater elevations. After the elevations were collected the piezometers were removed. Based on the elevation data collected from the temporary piezometers and the monitoring wells, groundwater onsite is generally flowing in a west by southwesterly direction.

Decontamination Procedures

Non-disposable equipment that came into contact with or that was used to collect the soil and groundwater samples was washed with an Alconox® detergent and tap water solution and followed by rinses of tap and distilled water to prevent cross contamination. To the extent possible disposable equipment (e.g. bailers, acetate liners, etc.) was used to minimize potential cross contamination.

Surface Repair

At the completion of the fieldwork, the borings not completed as monitoring wells, as well as borings where temporary piezometers were installed were backfilled with the soil cuttings. The borings were capped at ground surface with native soil or asphalt patch to match the surrounding surface.

Laboratory Analysis

A total of 45 soil samples and 3 groundwater samples were submitted for laboratory analysis. Soil samples designated as surface samples were analyzed for volatile organic compounds (VOCs) by

USEPA Method 5035/8260, semi-volatile organic compounds (SVOCs) by USEPA Method 3510C/8270C, lead, chromium, hexavalent chromium, and four alcohols (Methyl Alcohol, Ethyl Alcohol, Isopropyl Alcohol, and n-Butyl Alcohol). Soils designated as subsurface samples were analyzed for VOCs, SVOCs, and the four alcohols. A summary of soil analytical results is provided on **Table 1.** Groundwater samples were analyzed for VOCs, SVOCs, lead, chromium, hexavalent chromium and the four alcohols. A summary of groundwater analytical results is provided on **Table 2.** A visual summary of the soil and groundwater analytical data is provided on **Figure 2** and **Figure 3**, respectively. A copy of the complete laboratory analytical report and COC documentation is included in **Appendix C**. The following paragraphs summarize the analytical results by media.

Soil Analytical Results

The only VOC detected in the soil samples was xylenes (total) at a concentration of 0.0104 mg/kg in GP-19 (4'). No, SVOCs or alcohols were detected in any of the 45 soil samples. Lead was detected in all of the samples at concentrations ranging from 6.8 mg/kg at GP-10 to 18.6 mg/kg at GP-3. Chromium (total) was also detected in all of the soil samples collected. Detected values of chromium ranged from 10.4 mg/kg at GP-10 to 30.0 mg/kg at GP-14. Hexavalent chromium was not detected.

Groundwater Analytical Results

The only SVOC detected in the three groundwater samples was isophorone at a concentration of 0.205 ml/L in MW-1. No VOCs or alcohols were detected in the three samples. Lead was detected at concentrations ranging from 0.004 ml/L at MW-1 to 0.022 ml/L at MW-3 and chromium (total) was detected at concentrations ranging from 0.003 ml/L at MW-2 to 0.006 ml/L at MW-3. Hexavalent chromium was not detected in the samples.

Conclusions and Recommendations

Based on the results of this limited Phase II ESA, ENSR provides the following findings and conclusions:

- VOCs, SVOCs, alcohols, lead, chromium and hexavalent chromium were not detected in the soil samples collected at the subject property at concentrations exceeding the Illinois Environmental Protection Agency (IEPA) Tiered Approach to Cleanup Objectives (TACO) Tier I soil remediation objectives.
- VOCs, SVOCs, alcohols, chromium and hexavalent chromium were not detected in the groundwater samples collected at concentrations that exceed IEPA TACO Class I cleanup objectives for groundwater. However, in some samples (mostly SVOCs) the detection limits exceeded the remediation objectives.
- Lead was detected at MW-3 at a concentration of 0.022 ml/L. This exceeds the TACO Class I remediation objective of 0.0075 ml/L. The location of the sample was on the far north edge of the site. Considering the surrounding land uses and the magnitude of the sample concentration above the cleanup objective (less than one order of magnitude) ENSR believes the detection does not pose

a major environmental concern. Lead was detected in the other two groundwater samples; however, those values did not exceed the cleanup objective.

- Based on this information, the historical use of the subject property and adjacent properties do not appear to present a significant environmental concern to the subject property.

Based on the results of this limited Phase II ESA and our understanding of BASF's objective for performing the investigation, no additional subsurface assessment is recommended. As indicated above, the concentrations of detected constituents do not appear to pose a major environmental concern.

Study Limitations

This report describes the results of ENSR's limited Phase II ESA to identify the potential presence of contaminants beneath the subject property. In the conduct of this assessment, ENSR has attempted to independently assess the potential presence of such a problem within the limits of the established scope of work as described in our proposal dated November 12, 2004.

This report, field data, and notes were gathered and/or prepared by ENSR in accordance with the agreed upon scope of work and generally accepted engineering and scientific practice in effect at the time of ENSR's limited assessment of the site. The statements, conclusions, and opinions contained in this report are only intended to give approximations of the environmental conditions at the subject property. Moreover, there are several major modifications that are inherent in the conduct of this or any other environmental due diligence examinations.

It is difficult to predict which, if any of the potential environmental issues identified will become actual problems in the future. Federal and state environmental regulations continually change, as do the enforcement priorities of the applicable government agencies involved. Even for problems currently identified, it is often difficult and sometimes impossible to accurately estimate the liabilities that may be involved in remedying the problem(s). The legal and technological standard for evaluating, remedying, environmental problems tends to be highly dependent upon agency negotiations and the sometimes arbitrary and unpredictable nature of agency officials charged with such negotiations.

There is always the possibility that major sources of future environmental liability have yet to manifest themselves to the point where they are reasonably identifiable through an external investigation such as the one conducted herein.

This report, including supporting field data, notes and laboratory data where applicable (collectively referred hereinafter as "information"), was prepared or collected by ENSR for the benefit of its client, BASF. ENSR's client may release the information to third parties, which may use and rely upon the information at their discretion. However, any use of or reliance upon the information by a party other than specifically named above shall be solely at the risk of such third party and without legal recourse against ENSR, its parent, its subsidiaries and affiliates; or their respective employees, officer, or directors; regardless of whether the action in which recovery of damages is sought is based upon contract, tort (including the sole, concurrent, or other negligence and strict liability of ENSR), stature,

or otherwise. This information shall not be used or relied upon by a party that does not agree to be bound by the above statement.

ENSR appreciates the opportunity to assist BASF in evaluating environmental conditions at the Batavia facility. If you have any questions or comments, please contact Ronn Gregorek at (630) 836-1700.

Sincerely,

ENSR Corporation

Matthew Laub
Senior Staff Specialist

Ronn A. Gregorek, P.G.
Project Manager

John D. Hyder, P.G.
SAR Department Manager

ENSR INTERNATIONAL

LIST OF FIGURES

Figure 1 – Boring and Monitoring Well Locations
Figure 2 – Soil Analytical Data
Figure 3 – Groundwater Analytical Data

LIST OF TABLES

Table 1 – Summary of Analytical Results in Soil
- **Table 1a** – Volatile Organic Compounds
- **Table 1b** – Semi-Volatile Organic Compounds
- **Table 1c** – Alcohols
- **Table 1d** - Metals

Table 2 – Summary of Analytical Results in Groundwater
- **Table 2a** – Volatile Organic Compounds
- **Table 2b** – Semi-Volatile Organic Compounds
- **Table 2c** – Alcohols
- **Table 2d** – Metals

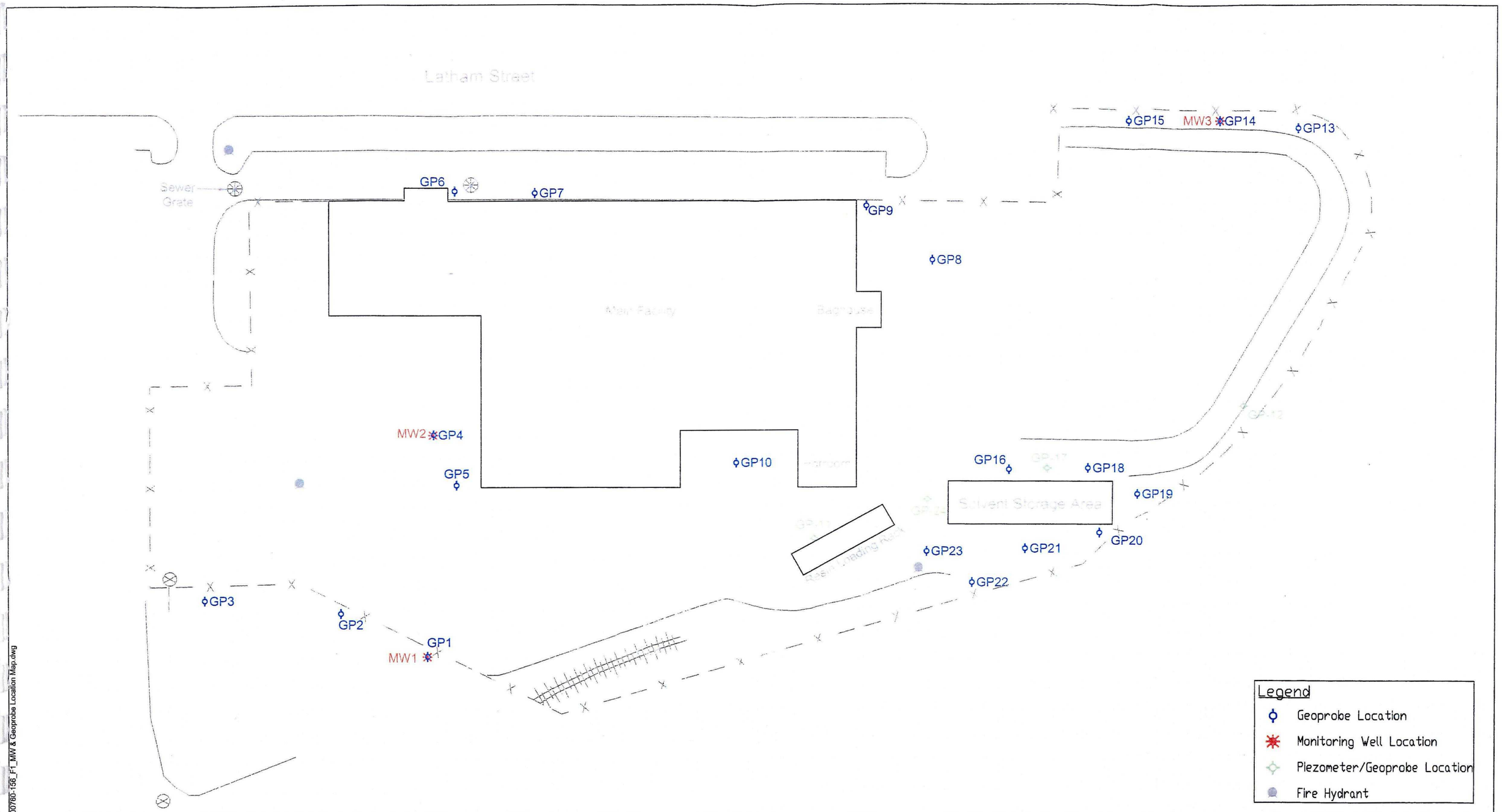
LIST OF APPENDICES

Appendix A – Boring Logs
Appendix B – Monitoring Well Construction Diagrams
Appendix C - Laboratory Analytical Report

FIGURES

Phase II Environmental Site Assessment

BASF Corporation
1500 Latham St.
Batavia, Illinois



N

1 inch = 20 feet

0 ft 20 ft 40 ft

DRAWN BY: CB	DATE: 11/11/04	PROJECT NO.:
APPROVED BY: RG	REVISED: 11/11/04	00760-156

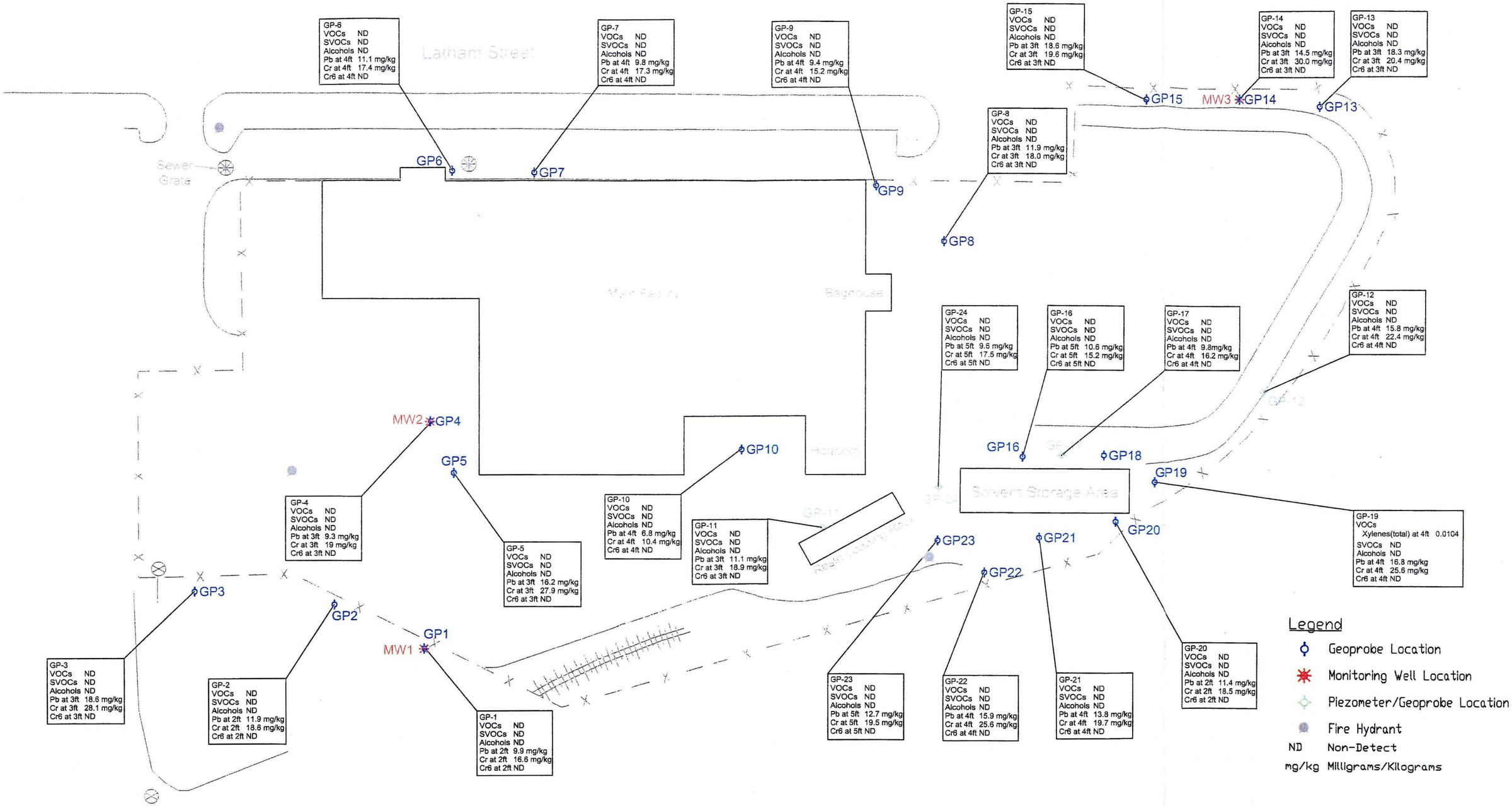
Monitoring Well and Geoprobe Location Map
BASF Corporation
1500 Latham Street
Batavia, Illinois

FIGURE 1

ENSR® INTERNATIONAL

CONSULTING • ENGINEERING • REMEDIATION

U:\Cad_Drive\00000-0099\0760156\00760-156_F1_MW & Geoprobe Location Map.dwg



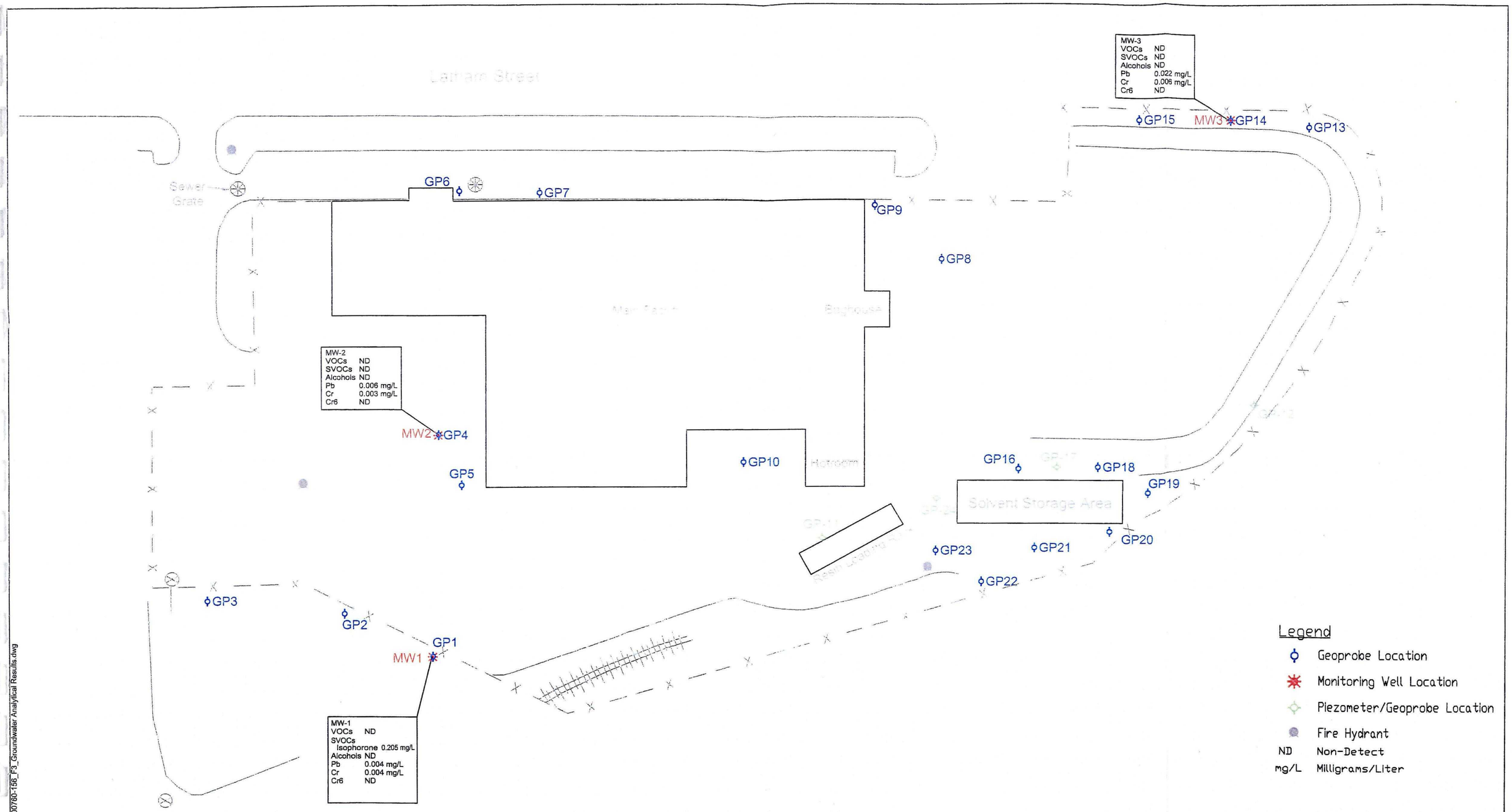
DRAWN BY: CB	DATE: 11/11/04	PROJECT NO.:
APPROVED BY: RG	REVISED: 11/11/04	00760-156

Soil Analytical Data
BASF Corporation
1500 Latham Street
Batavia, Illinois

FIGURE 2

ENSR® INTERNATIONAL
CONSULTING • ENGINEERING • REMEDIATION

U:\Cad_Drive\00000-00999\0760\156\00760-156_F2_Soil Analytical Results.dwg



N

1 inch = 20 feet

0 ft 20 ft 40 ft

DRAWN BY: CB	DATE: 11/11/04	PROJECT NO.:
APPROVED BY: RG	REVISED: 11/11/04	00760-156

Groundwater Analytical Data
BASF Corporation
1500 Latham Street
Batavia, Illinois

FIGURE 3

ENSR® INTERNATIONAL

CONSULTING • ENGINEERING • REMEDIATION

U:\Cad_Drive\00000-009999\00760\156\00760-156_F3_Groundwater Analytical Results.dwg

TABLES

Phase II Environmental Site Assessment

BASF Corporation
1500 Latham St.
Batavia, Illinois

TABLE 1a
Volatile Organic Compounds in Soil
BASF
Batavia, Illinois

Sample ID	TACO Tier 1				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-1 (2')	GP-1 (8')	GP-2 (2')	GP-2 (8')	GP-3 (3')	GP-3 (8')	GP-4 (3')	GP-4 (8')	GP-5 (3')	GP-5 (8')	GP-6 (4')	GP-6 (8')
	Exposure Route-Specific Values for Soils																	
Laboratory ID	Industrial/Commercial		Construction Worker				40777	40778	40779	40780	40781	40782	40783	40784	40785	40786	41021	41022
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/28/04	10/28/04
Acetone	200,000	100,000	200,000	100,000	16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	200	1.5	4,300	2.1	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	92	3,000	2,000	3,000	0.6	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromoform	720	100	16,000	140	0.8	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2-Butanone	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon disulfide	200,000	720	20,000	9	32	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon tetrachloride	44	0.64	410	0.90	0.7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorobenzene	41,000	210	4,100	1.3	1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorodibromomethane	41,000	1,300	41,000	1,300	0.4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloroethane	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	940	0.54	2,000	0.76	0.6	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	200,000	1,700	200,000	130	23	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1-Dichloroethene	18,000	1,500	1,800	1,500	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloropropane	84	23	1,800	0.50	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,3-Dichloropropene	33	0.23	610	0.33	0.004	< 0.005	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*
trans-1,3-Dichloropropene	33	0.23	610	0.33	0.004	< 0.005	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*
Ethylbenzene	200,000	400	20,000	58	13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Hexanone	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
4-Methyl-2-pentanone	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene chloride	760	24	12,000	34	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
MTBE	-	-	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Styrene	410,000	1,500	41,000	430	4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2,2-Tetrachloroethane	-	-	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrachloroethene	110	20	2,400	28	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	410,000	650	410,000	42	12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,1-Trichloroethane	-	1,200	-	1,200	2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloroethene	520	8.9	1,200	12	0.06	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl Acetate	1,000,000	1,600	200,000	10	170	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Vinyl Chloride	3	0.06	65	0.08	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes (total)	1,000,000	410	1,000,000	410	150	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Tier 1 Values
*Detection limits exceed TACO Soil Componant of Groundwater Class I limits.
All units in mg/kg.

TABLE 1a
Volatile Organic Compounds in Soil
BASF
Batavia, Illinois

Sample ID	TACO Tier 1 Exposure Route-Specific Values for Soils				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-7 (4')	GP-7 (8')	GP-8 (3')	GP-8 (8')	GP-9 (4')	GP-9 (8')	GP-10 (4')	GP-10 (8')	GP-11 (3')	GP-11 (8')	GP-12 (4')	GP-12 (8')
Laboratory ID	Industrial/Commercial		Construction Worker				41023	41024	40787	40788	41025	41026	41027	41028	40789	40790	40791	40792
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/28/04	10/28/04	10/27/04	10/27/04	10/28/04	10/28/04	10/28/04	10/28/04	10/27/04	10/27/04	10/27/04	10/27/04
Acetone	200,000	100,000	200,000	100,000	16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	200	1.5	4,300	2.1	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	92	3,000	2,000	3,000	0.6	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromoform	720	100	16,000	140	0.8	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2-Butanone	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon disulfide	200,000	720	20,000	9	32	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon tetrachloride	44	0.64	410	0.90	0.7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorobenzene	41,000	210	4,100	1.3	1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorodibromomethane	41,000	1,300	41,000	1,300	0.4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloroethane	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	940	0.54	2,000	0.76	0.6	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	200,000	1,700	200,000	130	23	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1-Dichloroethene	18,000	1,500	1,800	1,500	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloropropane	84	23	1,800	0.50	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,3-Dichloropropene	33	0.23	610	0.33	0.004	< 0.005	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*
trans-1,3-Dichloropropene	33	0.23	610	0.33	0.004	< 0.005	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*
Ethylbenzene	200,000	400	20,000	58	13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Hexanone	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
4-Methyl-2-pentanone	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene chloride	760	24	12,000	34	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
MTBE	-	-	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Styrene	410,000	1,500	41,000	430	4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2,2-Tetrachloroethane	-	-	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrachloroethene	110	20	2,400	28	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	410,000	650	410,000	42	12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,1-Trichloroethane	-	1,200	-	1,200	2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloroethene	520	8.9	1,200	12	0.06	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl Acetate	1,000,000	1,600	200,000	10	170	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Vinyl Chloride	3	0.06	65	0.08	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes (total)	1,000,000	410	1,000,000	410	150	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Tier 1 Values
*Detection limits exceed TACO Soil Componant of Groundwater Class I limits.
All units in mg/kg.

TABLE 1a
Volatile Organic Compounds in Soil
BASF
Batavia, Illinois

Sample ID	TACO Tier 1				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-13 (3')	GP-13 (8')	GP-14 (3')	GP-14 (8')	GP-15 (3')	GP-15 (8')	GP-16 (5')	GP-16 (9')	GP-17 (4')	GP-17 (8')	GP-19 (4')	GP-19 (8')
	Exposure Route-Specific Values for Soils																	
Laboratory ID	Industrial/Commercial		Construction Worker				40793	40794	40795	40796	40797	40798	41029	41030	41031	41032	41033	41034
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04
Acetone	200,000	100,000	200,000	100,000	16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	200	1.5	4,300	2.1	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	92	3,000	2,000	3,000	0.6	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromoform	720	100	16,000	140	0.8	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2-Butanone	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon disulfide	200,000	720	20,000	9	32	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon tetrachloride	44	0.64	410	0.90	0.7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorobenzene	41,000	210	4,100	1.3	1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorodibromomethane	41,000	1,300	41,000	1,300	0.4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloroethane	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	940	0.54	2,000	0.76	0.6	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	200,000	1,700	200,000	130	23	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1-Dichloroethene	18,000	1,500	1,800	1,500	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloropropane	84	23	1,800	0.50	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,3-Dichloropropene	33	0.23	610	0.33	0.004	< 0.005	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*
trans-1,3-Dichloropropene	33	0.23	610	0.33	0.004	< 0.005	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*
Ethylbenzene	200,000	400	20,000	58	13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Hexanone	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
4-Methyl-2-pentanone	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene chloride	760	24	12,000	34	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
MTBE	-	-	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Styrene	410,000	1,500	41,000	430	4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2,2-Tetrachloroethane	-	-	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrachloroethene	110	20	2,400	28	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	410,000	650	410,000	42	12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,1-Trichloroethane	-	1,200	-	1,200	2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloroethene	520	8.9	1,200	12	0.06	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl Acetate	1,000,000	1,600	200,000	10	170	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Vinyl Chloride	3	0.06	65	0.08	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes (total)	1,000,000	410	1,000,000	410	150	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.0104**	< 0.005

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Tier 1 Values
*Detection limits exceed TACO Soil Componant of Groundwater Class I limits.
All units in mg/kg.

TABLE 1a
Volatile Organic Compounds in Soil
BASF
Batavia, Illinois

Sample ID	TACO Tier 1 Exposure Route-Specific Values for Soils				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-20 (2')	GP-20 (4')	GP-21 (2')	GP-21 (4')	GP-22 (4')	GP-23 (5')	GP-23 (9')	GP-24 (5')	GP-24 (9')
Laboratory ID	Industrial/Commercial		Construction Worker				41036	41035	41037	41038	41039	41040	41041	41042	41043
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04
Acetone	200,000	100,000	200,000	100,000	16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	200	1.5	4,300	2.1	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	92	3,000	2,000	3,000	0.6	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromoform	720	100	16,000	140	0.8	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2-Butanone	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon disulfide	200,000	720	20,000	9	32	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon tetrachloride	44	0.64	410	0.90	0.7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorobenzene	41,000	210	4,100	1.3	1	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorodibromomethane	41,000	1,300	41,000	1,300	0.4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloroethane	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	940	0.54	2,000	0.76	0.6	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	200,000	1,700	200,000	130	23	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1-Dichloroethene	18,000	1,500	1,800	1,500	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloropropane	84	23	1,800	0.50	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,3-Dichloropropene	33	0.23	610	0.33	0.004	< 0.005	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*
trans-1,3-Dichloropropene	33	0.23	610	0.33	0.004	< 0.005	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*	< 0.005*
Ethylbenzene	200,000	400	20,000	58	13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Hexanone	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
4-Methyl-2-pentanone	-	-	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene chloride	760	24	12,000	34	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
MTBE	-	-	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Styrene	410,000	1,500	41,000	430	4	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2,2-Tetrachloroethane	-	-	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrachloroethene	110	20	2,400	28	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	410,000	650	410,000	42	12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,1-Trichloroethane	-	1,200	-	1,200	2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloroethene	520	8.9	1,200	12	0.06	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl Acetate	1,000,000	1,600	200,000	10	170	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Vinyl Chloride	3	0.06	65	0.08	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes (total)	1,000,000	410	1,000,000	410	150	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Tier 1 Values
*Detection limits exceed TACO Soil Componant of Groundwater Class I limits.
All units in mg/kg.

TABLE 1b
Semi-Volatile Organic Compounds in Soil
BASF
Batavia, Illinois

Sample ID	TACO Tier 1 Exposure Route-Specific Values for Soils				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-7 (4')	GP-7 (8')	GP-8 (3')	GP-8 (8')	GP-9 (4')	GP-9 (8')	GP-10 (4')	GP-10 (8')	GP-11 (3')	GP-11 (8')	GP-12 (4')	GP-12 (8')
Laboratory ID	Industrial/Commercial		Construction Worker				41023	41024	40787	40788	41025	41026	41027	41028	40789	40790	40791	40792
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/28/04	10/28/04	10/27/04	10/27/04	10/28/04	10/28/04	10/28/04	10/28/04	10/27/04	10/27/04	10/27/04	10/27/04
Acenaphthene	120,000	-	120,000	-	570	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Acenaphthylene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Anthracene	610,000	-	610,000	-	12,000	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzidine	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[a]anthracene	8	-	170	-	2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[b]fluoranthene	8	-	170	-	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[k]fluoranthene	78	-	170	-	49	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[g,h,i]perylene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[a]pyrene	0.8	-	17	-	8	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Benzyl alcohol	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
bis(2-Chloroethoxy)methane	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
bis(2-Chloroethyl)ether	5	0.47	75	0.66	0.0004	<0.33	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*
bis(2-chloroisopropyl)ether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Bromophenyl-phenylether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Butylbenzylphthalate	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Bromophenyl-phenylether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Butylbenzylphthalate	410,000	930	410,000	930	930	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Carbazole	290	-	6,200	-	0.6	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Chloroaniline	8,200	-	820	-	0.7	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2-Chloronaphthalene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Chlorophenyl-phenylether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Chrysene	780	-	1,700	-	160	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Dibenz[a,h]anthracene	0.8	-	17	-	2	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Dibenzofuran	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,2-Dichlorobenzene	180,000	560	18,000	310	17	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,3-Dichlorobenzene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	-	17,000	-	340	2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
3,3'-Dichlorobenzidine	13	-	280	-	-	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66
Diethylphthalate	1,000,000	2,000	1,000,000	2,000	470	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Dimethylphthalate	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Di-n-butylphthalate	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2,4-Dinitrotoluene	8.4	-	180	-	0.0008	<0.25	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*
2,6-Dinitrotoluene	8.4	-	180	-	0.0007	<0.26	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*
Di-n-octylphthalate	41,000	10,000	4,100	10,000	10,000	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Fluoranthene	82,000	-	82,000	-	4,300	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Fluorene	82,000	-	82,000	-	560	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachlorobenzene	4	1.8	78	2.6	2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachlorobutadiene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachlorocyclopentadiene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachloroethane	2,000	-	2,000	-	0.5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Indeno[1,2,3-cd]pyrene	8	-	170	-	14	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Isophorone	410,000	4,600	410,000	4,600	8	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2-Methylnaphthalene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Naphthalene	82,000	-	8,200	-	84	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2-Nitroaniline	-	-	-	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
3-Nitroaniline	-	-	-	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
4-Nitroaniline	-	-	-	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Nitrobenzene	1,000	140	1,000	9.4	0.1	<0.26	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*
N-Nitrosodimethylamine	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
N-Nitroso-di-n-propylamine	0.8	-	18	-	0.00005	<0.33	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*
n-Nitrosodiphenylamine	1,200	-	25,000	-	1	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Phenanthrene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Pyrene	61,000	-	61,000	-	4,200	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Tier 1 Values
*Detection limits exceed TACO Soil Componant of Groundwater Class I limits.
All units in mg/kg.

TABLE 1b
Semi-Volatile Organic Compounds in Soil
BASF
Batavia, Illinois

Sample ID	TACO Tier 1 Exposure Route-Specific Values for Soils				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-20 (2')	GP-20 (4')	GP-21 (2')	GP-21 (4')	GP-22 (4')	GP-23 (5')	GP-23 (9')	GP-24 (5')	GP-24 (9')
Laboratory ID	Industrial/Commercial		Construction Worker				41036	41035	41037	41038	41039	41040	41041	41042	41043
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04
Acenaphthene	120,000	-	120,000	-	570	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Acenaphthylene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Anthracene	610,000	-	610,000	-	12,000	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzidine	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[a]anthracene	8	-	170	-	2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[b]fluoranthene	8	-	170	-	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[k]fluoranthene	78	-	170	-	49	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[g,h,i]perylene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[a]pyrene	0.8	-	17	-	8	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Benzyl alcohol	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
bis(2-Chloroethoxy)methane	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
bis(2-Chloroethyl)ether	5	0.47	75	0.66	0.0004	<0.33	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*
bis(2-chloroisopropyl)ether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Bromophenyl-phenylether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Butylbenzylphthalate	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Bromophenyl-phenylether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Butylbenzylphthalate	410,000	930	410,000	930	930	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Carbazole	290	-	6,200	-	0.6	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Chloroaniline	8,200	-	820	-	0.7	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2-Chloronaphthalene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Chlorophenyl-phenylether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Chrysene	780	-	1,700	-	160	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Dibenz[a,h]anthracene	0.8	-	17	-	2	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Dibenzofuran	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,2-Dichlorobenzene	180,000	560	18,000	310	17	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,3-Dichlorobenzene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	-	17,000	-	340	2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
3,3'-Dichlorobenzidine	13	-	280	-	-	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66
Diethylphthalate	1,000,000	2,000	1,000,000	2,000	470	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Dimethylphthalate	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Di-n-butylphthalate	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2,4-Dinitrotoluene	8.4	-	180	-	0.0008	<0.25	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*
2,6-Dinitrotoluene	8.4	-	180	-	0.0007	<0.26	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*
Di-n-octylphthalate	41,000	10,000	4,100	10,000	10,000	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Fluoranthene	82,000	-	82,000	-	4,300	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Fluorene	82,000	-	82,000	-	560	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachlorobenzene	4	1.8	78	2.6	2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachlorobutadiene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachlorocyclopentadiene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachloroethane	2,000	-	2,000	-	0.5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Indeno[1,2,3-cd]pyrene	8	-	170	-	14	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Isophorone	410,000	4,600	410,000	4,600	8	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2-Methylnaphthalene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Naphthalene	82,000	-	8,200	-	84	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2-Nitroaniline	-	-	-	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
3-Nitroaniline	-	-	-	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
4-Nitroaniline	-	-	-	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Nitrobenzene	1,000	140	1,000	9.4	0.1	<0.26	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*
N-Nitrosodimethylamine	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
N-Nitroso-di-n-propylamine	0.8	-	18	-	0.00005	<0.33	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*
n-Nitrosodiphenylamine	1,200	-	25,000	-	1	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Phenanthrene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Pyrene	61,000	-	61,000	-	4,200	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Tier 1 Values
*Detection limits exceed TACO Soil Componant of Groundwater Class I limits.
All units in mg/kg.

TABLE 1b
Semi-Volatile Organic Compounds in Soil
BASF
Batavia, Illinois

Sample ID	TACO Tier 1 Exposure Route-Specific Values for Soils				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-13 (3')	GP-13 (8')	GP-14 (3')	GP-14 (8')	GP-15 (3')	GP-15 (8')	GP-16 (5')	GP-16 (9')	GP-17 (4')	GP-17 (8')	GP-19 (4')	GP-19 (8')
Laboratory ID	Industrial/Commercial		Construction Worker				40793	40794	40795	40796	40797	40798	41029	41030	41031	41032	41033	41034
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04
Acenaphthene	120,000	-	120,000	-	570	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Acenaphthylene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Anthracene	610,000	-	610,000	-	12,000	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzidine	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[a]anthracene	8	-	170	-	2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[b]fluoranthene	8	-	170	-	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[k]fluoranthene	78	-	170	-	49	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[g,h,i]perylene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[a]pyrene	0.8	-	17	-	8	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Benzyl alcohol	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
bis(2-Chloroethoxy)methane	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
bis(2-Chloroethyl)ether	5	0.47	75	0.66	0.0004	<0.33	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*
bis(2-chloroisopropyl)ether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Bromophenyl-phenylether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Butylbenzylphthalate	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Bromophenyl-phenylether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Butylbenzylphthalate	410,000	930	410,000	930	930	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Carbazole	290	-	6,200	-	0.6	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Chloroaniline	8,200	-	820	-	0.7	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2-Chloronaphthalene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Chlorophenyl-phenylether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Chrysene	780	-	1,700	-	160	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Dibenz[a,h]anthracene	0.8	-	17	-	2	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Dibenzofuran	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,2-Dichlorobenzene	180,000	560	18,000	310	17	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,3-Dichlorobenzene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	-	17,000	-	340	2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
3,3'-Dichlorobenzidine	13	-	280	-	-	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66
Diethylphthalate	1,000,000	2,000	1,000,000	2,000	470	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Dimethylphthalate	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Di-n-butylphthalate	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2,4-Dinitrotoluene	8.4	-	180	-	0.0008	<0.25	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*
2,6-Dinitrotoluene	8.4	-	180	-	0.0007	<0.26	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*
Di-n-octylphthalate	41,000	10,000	4,100	10,000	10,000	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Fluoranthene	82,000	-	82,000	-	4,300	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Fluorene	82,000	-	82,000	-	560	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachlorobenzene	4	1.8	78	2.6	2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachlorobutadiene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachlorocyclopentadiene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachloroethane	2,000	-	2,000	-	0.5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Indeno[1,2,3-cd]pyrene	8	-	170	-	14	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Isophorone	410,000	4,600	410,000	4,600	8	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2-Methylnaphthalene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Naphthalene	82,000	-	8,200	-	84	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2-Nitroaniline	-	-	-	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
3-Nitroaniline	-	-	-	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
4-Nitroaniline	-	-	-	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Nitrobenzene	1,000	140	1,000	9.4	0.1	<0.26	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*
N-Nitrosodimethylamine	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
N-Nitroso-di-n-propylamine	0.8	-	18	-	0.00005	<0.33	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*
n-Nitrosodiphenylamine	1,200	-	25,000	-	1	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Phenanthrene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Pyrene	61,000	-	61,000	-	4,200	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

NOTES:
Boided = Detected value
Shaded and **BOLD** = Exceedance of the TACO Tier 1 Values
*Detection limits exceed TACO Soil Componant of Groundwater Class I limits.
All units in mg/kg.

TABLE 1b
Semi-Volatile Organic Compounds in Soil
BASF
Batavia, Illinois

Sample ID	TACO Tier 1 Exposure Route-Specific Values for Soils				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-1 (2')	GP-1 (8')	GP-2 (2')	GP-2 (8')	GP-3 (3')	GP-3 (8')	GP-4 (3')	GP-4 (8')	GP-5 (3')	GP-5 (8')	GP-6 (4')	GP-6 (8')
Laboratory ID	Industrial/Commercial		Construction Worker				40777	40778	40779	40780	40781	40782	40783	40784	40785	40786	41021	41022
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/28/04	10/28/04
Acenaphthene	120,000	-	120,000	-	570	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Acenaphthylene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Anthracene	610,000	-	610,000	-	12,000	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzidine	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[a]anthracene	8	-	170	-	2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[b]fluoranthene	8	-	170	-	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[k]fluoranthene	78	-	170	-	49	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[g,h,i]perylene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Benzo[a]pyrene	0.8	-	17	-	8	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Benzyl alcohol	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
bis(2-Chloroethoxy)methane	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
bis(2-Chloroethyl)ether	5	0.47	75	0.66	0.0004	<0.33	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*
bis(2-chloroisopropyl)ether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
bis(2-ethylhexyl)phthalate	410	31,000	4,100	31,000	3,600	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Bromophenyl-phenylether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Butylbenzylphthalate	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Bromophenyl-phenylether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Butylbenzylphthalate	410,000	930	410,000	930	930	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Carbazole	290	-	6,200	-	0.6	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Chloroaniline	8,200	-	820	-	0.7	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2-Chloronaphthalene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
4-Chlorophenyl-phenylether	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Chrysene	780	-	1,700	-	160	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Dibenz[a,h]anthracene	0.8	-	17	-	2	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Dibenzofuran	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,2-Dichlorobenzene	180,000	560	18,000	310	17	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,3-Dichlorobenzene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,4-Dichlorobenzene	-	17,000	-	340	2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
3,3'-Dichlorobenzidine	13	-	280	-	-	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66
Diethylphthalate	1,000,000	2,000	1,000,000	2,000	470	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Dimethylphthalate	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Di-n-butylphthalate	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2,4-Dinitrotoluene	8.4	-	180	-	0.0008	<0.25	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*	<0.25*
2,6-Dinitrotoluene	8.4	-	180	-	0.0007	<0.26	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*
Di-n-octylphthalate	41,000	10,000	4,100	10,000	10,000	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Fluoranthene	82,000	-	82,000	-	4,300	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Fluorene	82,000	-	82,000	-	560	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachlorobenzene	4	1.8	78	2.6	2	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachlorobutadiene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachlorocyclopentadiene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Hexachloroethane	2,000	-	2,000	-	0.5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Indeno[1,2,3-cd]pyrene	8	-	170	-	14	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Isophorone	410,000	4,600	410,000	4,600	8	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2-Methylnaphthalene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Naphthalene	82,000	-	8,200	-	84	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
2-Nitroaniline	-	-	-	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
3-Nitroaniline	-	-	-	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
4-Nitroaniline	-	-	-	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Nitrobenzene	1,000	140	1,000	9.4	0.1	<0.26	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*	<0.26*
N-Nitrosodimethylamine	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
N-Nitroso-di-n-propylamine	0.8	-	18	-	0.00005	<0.33	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*	<0.33*
n-Nitrosodiphenylamine	1,200	-	25,000	-	1	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Phenanthrene	-	-	-	-	-	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Pyrene	61,000	-	61,000	-	4,200	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,2,4-Trichlorobenzene	20,000	3,200	2,000	920	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Tier 1 Values
*Detection limits exceed TACO Soil Componant of Groundwater Class I limits.
All units in mg/kg.

TABLE 1c
Alcohols in Soil
BASF
Batavia, Illinois

Sample ID	TACO Tier 1				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-1 (2')	GP-1 (8')	GP-2 (2')	GP-2 (8')	GP-3 (3')	GP-3 (8')	GP-4 (3')	GP-4 (8')	GP-5 (3')	GP-5 (8')	GP-6 (4')	GP-6 (8')
	Exposure Route-Specific Values for Soils																	
	Industrial/Commercial		Construction Worker															
Laboratory ID							40777	40778	40779	40780	40781	40782	40783	40784	40785	40786	41021	41022
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/28/04	10/28/04
Methyl Alcohol	-	-	-	-	-	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Ethyl Alcohol	-	-	-	-	-	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Isopropyl Alcohol	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
n-Butyl Alcohol	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

Sample ID	TACO Tier 1				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-7 (4')	GP-7 (8')	GP-8 (3')	GP-8 (8')	GP-9 (4')	GP-9 (8')	GP-10 (4')	GP-10 (8')	GP-11 (3')	GP-11 (8')	GP-12 (4')	GP-12 (8')
	Exposure Route-Specific Values for Soils																	
	Industrial/Commercial		Construction Worker															
Laboratory ID							41023	41024	40787	40788	41025	41026	41027	41028	40789	40790	40791	40792
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/28/04	10/28/04	10/27/04	10/27/04	10/28/04	10/28/04	10/28/04	10/28/04	10/27/04	10/27/04	10/27/04	10/27/04
Methyl Alcohol	-	-	-	-	-	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Ethyl Alcohol	-	-	-	-	-	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Isopropyl Alcohol	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
n-Butyl Alcohol	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

Sample ID	TACO Tier 1				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-13 (3')	GP-13 (8')	GP-14 (3')	GP-14 (8')	GP-15 (3')	GP-15 (8')	GP-16 (5')	GP-16 (9')	GP-17 (4')	GP-17 (8')	GP-19 (4')	GP-19 (8')
	Exposure Route-Specific Values for Soils																	
	Industrial/Commercial		Construction Worker															
Laboratory ID							40793	40794	40795	40796	40797	40798	41029	41030	41031	41032	41033	41034
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04
Methyl Alcohol	-	-	-	-	-	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Ethyl Alcohol	-	-	-	-	-	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Isopropyl Alcohol	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
n-Butyl Alcohol	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

Sample ID	TACO Tier 1				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-20 (2')	GP-20 (4')	GP-21 (2')	GP-21 (4')	GP-22 (4')	GP-23 (5')	GP-23 (9')	GP-24 (5')	GP-24 (9')
	Exposure Route-Specific Values for Soils														
	Industrial/Commercial		Construction Worker												
Laboratory ID							41036	41035	41037	41038	41039	41040	41041	41042	41043
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04
Methyl Alcohol	-	-	-	-	-	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Ethyl Alcohol	-	-	-	-	-	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
Isopropyl Alcohol	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
n-Butyl Alcohol	-	-	-	-	-	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Tier 1 Values
All units in mg/kg.

TABLE 1d
Metals in Soil
BASF
Batavia, Illinois

Sample ID	TACO Tier 1				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-1 (2')	GP-2 (2')	GP-3 (3')	GP-4 (3')	GP-5 (3')	GP-6 (4')	GP-7 (4')	GP-8 (3')	GP-9 (4')	GP-10 (4')	GP-11 (3')	GP-12 (4')
	Exposure Route-Specific Values for Soils																	
Laboratory ID	Industrial/Commercial		Construction Worker				40777	40779	40781	40783	40785	41021	41023	40787	41025	41027	40789	40791
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/27/04	10/27/04	10/27/04	10/27/04	10/27/04	10/28/04	10/28/04	10/27/04	10/28/04	10/28/04	10/27/04	10/27/04
Chromium	1,000,000	-	330,000	-	0.1*	<2.5	**16.6**	**18.6**	**28.1**	**19.0**	**27.9**	**17.4**	**17.3**	**18.0**	**15.2**	**10.4**	**18.9**	**22.4**
Chromium, hexavalent	10,000	420	4,100	8,800	-	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Lead	400	-	400	-	0.0075*	<2.5	**9.9**	**11.9**	**18.6**	**9.3**	**16.2**	**11.1**	**9.8**	**11.9**	**9.4**	**6.8**	**11.1**	**15.8**

Sample ID	TACO Tier 1				Soil Component of the Groundwater	Laboratory Method Detection Limit	GP-13 (3')	GP-14 (3')	GP-15 (3')	GP-16 (5')	GP-17 (4')	GP-19 (4')	GP-20 (2')	GP-21 (2')	GP-22 (4')	GP-23 (5')	GP-24 (5')
	Exposure Route-Specific Values for Soils																
Laboratory ID	Industrial/Commercial		Construction Worker				40793	40795	40797	41029	41031	41033	41035	41037	41039	41040	41042
Sample Date	Ingestion	Inhalation	Ingestion	Inhalation	Class I		10/27/04	10/27/04	10/27/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04	10/28/04
Chromium	1,000,000	-	330,000	-	0.1*	<2.5	**20.4**	**30.0**	**19.6**	**15.2**	**16.2**	**25.6**	**18.5**	**19.7**	**25.6**	**19.5**	**17.5**
Chromium, hexavalent	10,000	420	4,100	8,800	-	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Lead	400	-	400	-	0.0075*	<2.5	**18.3**	**14.5**	**18.6**	**10.6**	**9.8**	**16.8**	**11.4**	**13.8**	**15.9**	**12.7**	**9.6**

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Tier 1 Values
All units in mg/kg.
*Metals samples were not analyzed for comparison to this pathway.

TABLE 2a
Volatile Organic Compounds in Groundwater
BASF
Batavia, Illinois

Sample ID	TACO Tier 1	Laboratory Method	MW-1	MW-2	MW-3
Laboratory ID	Groundwater Remediation Objective	Detection	41178	41179	41180
Sample Date	Class I	Limit	11/01/04	11/01/04	11/01/04
Acetone	0.7	< 0.01	< 0.01	< 0.01	< 0.01
Benzene	0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.00002	< 0.001	< 0.001*	< 0.001*	< 0.001*
Bromoform	0.0002	< 0.001	< 0.001*	< 0.001*	< 0.001*
Bromomethane	-	< 0.005	< 0.005	< 0.005	< 0.005
2-Butanone	-	< 0.01	< 0.01	< 0.01	< 0.01
Carbon disulfide	0.7	< 0.005	< 0.005	< 0.005	< 0.005
Carbon tetrachloride	0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorobenzene	0.1	< 0.005	< 0.005	< 0.005	< 0.005
Chlorodibromomethane	0.14	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	-	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	0.00002	< 0.001	< 0.001*	< 0.001*	< 0.001*
Chloromethane	-	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	0.7	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloroethane	0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1-Dichloroethene	0.007	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,2-Dichloroethene	0.07	< 0.005	< 0.005	< 0.005	< 0.005
trans-1,2-Dichloroethene	0.1	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloropropane	0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,3-Dichloropropene	0.001	< 0.001	< 0.001	< 0.001	< 0.001
trans-1,3-Dichloropropene	0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	0.7	< 0.005	< 0.005	< 0.005	< 0.005
2-Hexanone	-	< 0.01	< 0.01	< 0.01	< 0.01
4-Methyl-2-pentanone	-	< 0.01	< 0.01	< 0.01	< 0.01
Methylene chloride	0.005	< 0.005	< 0.005	< 0.005	< 0.005
MTBE	-	< 0.005	< 0.005	< 0.005	< 0.005
Styrene	0.1	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2,2-Tetrachloroethane	-	< 0.005	< 0.005	< 0.005	< 0.005
Tetrachloroethene	0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	0.003	< 0.005	< 0.005*	< 0.005*	< 0.005*
1,1,1-Trichloroethane	-	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2-Trichloroethane	0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloroethene	0.005	<0.005	<0.005	<0.005	<0.005
Vinyl Acetate	7	< 0.01	< 0.01	< 0.01	< 0.01
Vinyl Chloride	0.002	< 0.002	< 0.002	< 0.002	< 0.002
Xylenes (total)	10	< 0.005	< 0.005	< 0.005	< 0.005

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Class II Values
*Detection limits exceed TACO Groundwater Remediation Objective Class I limits.
All units in mg/L.

TABLE 2b
Semi-Volatile Organic Compounds in Groundwater
BASF
Batavia, Illinois

Sample ID	TACO Tier 1	Laboratory Method	MW-1	MW-2	MW-3
Laboratory ID	Groundwater Remediation Objective	Detection	41178	41179	41180
Sample Date	Class I	Limit	11/01/04	11/01/04	11/01/04
Acenaphthene	0.42	<0.01	<0.01	<0.01	<0.01
Acenaphthylene	-	<0.01	<0.01	<0.01	<0.01
Anthracene	2.1	<0.01	<0.01	<0.01	<0.01
Benzidine	-	<0.01	<0.01	<0.01	<0.01
Benzo[a]anthracene	0.00013	<0.01	<0.01*	<0.01*	<0.01*
Benzo[b]fluoranthene	0.00018	<0.01	<0.01*	<0.01*	<0.01*
Benzo[k]fluoranthene	0.00017	<0.01	<0.01*	<0.01*	<0.01*
Benzo[g,h,i]perylene	-	<0.01	<0.01	<0.01	<0.01
Benzo[a]pyrene	0.0002	<0.01	<0.01*	<0.01*	<0.01*
Benzyl alcohol	-	<0.02	<0.02	<0.02	<0.02
bis(2-Chloroethoxy)methane	-	<0.01	<0.01	<0.01	<0.01
bis(2-Chloroethyl)ether	0.01	<0.01	<0.01	<0.01	<0.01
bis(2-chloroisopropyl)ether	-	<0.01	<0.01	<0.01	<0.01
bis(2-ethylhexyl)phthalate	0.0006	<0.005	<0.005*	<0.005*	<0.005*
4-Bromophenyl-phenylether	-	<0.01	<0.01	<0.01	<0.01
Butylbenzylphthalate	1.4	<0.01	<0.01	<0.01	<0.01
Carbazole	-	<0.01	<0.01	<0.01	<0.01
4-Chloroaniline	-	<0.01	<0.01	<0.01	<0.01
2-Chloronaphthalene	-	<0.01	<0.01	<0.01	<0.01
4-Chlorophenyl-phenylether	-	<0.01	<0.01	<0.01	<0.01
Chrysene	0.0015	<0.01	<0.01*	<0.01*	<0.01*
Dibenz[a,h]anthracene	0.0003	<0.01	<0.01*	<0.01*	<0.01*
Dibenzofuran	-	<0.01	<0.01	<0.01	<0.01
1,2-Dichlorobenzene	0.6	<0.01	<0.01	<0.01	<0.01
1,3-Dichlorobenzene	-	<0.01	<0.01	<0.01	<0.01
1,4-Dichlorobenzene	0.075	<0.01	<0.01	<0.01	<0.01
3,3'-Dichlorobenzidine	0.02	<0.02	<0.02	<0.02	<0.02
Diethylphthalate	5.6	<0.01	<0.01	<0.01	<0.01
Dimethylphthalate	-	<0.01	<0.01	<0.01	<0.01
Di-n-butylphthalate	-	<0.01	<0.01	<0.01	<0.01
2,4-Dinitrotoluene	0.00002	<0.01	<0.01*	<0.01*	<0.01*
2,6-Dinitrotoluene	0.0001	<0.01	<0.01*	<0.01*	<0.01*
Di-n-octylphthalate	0.14	<0.01	<0.01	<0.01	<0.01
Fluoranthene	0.28	<0.01	<0.01	<0.01	<0.01
Fluorene	0.28	<0.01	<0.01	<0.01	<0.01
Hexachlorobenzene	0.00006	<0.01	<0.01*	<0.01*	<0.01*
Hexachlorobutadiene	-	<0.01	<0.01	<0.01	<0.01
Hexachlorocyclopentadiene	-	<0.01	<0.01	<0.01	<0.01
Hexachloroethane	0.007	<0.01	<0.01*	<0.01*	<0.01*
Indeno[1,2,3-cd]pyrene	0.00043	<0.01	<0.01*	<0.01*	<0.01*
Isophorone	1.4	<0.01	**26**	<0.01	<0.01
2-Methylnaphthalene	-	<0.01	<0.01	<0.01	<0.01
Naphthalene	0.025	<0.01	<0.01	<0.01	<0.01
2-Nitroaniline	-	<0.05	<0.05	<0.05	<0.05
3-Nitroaniline	-	<0.05	<0.05	<0.05	<0.05
4-Nitroaniline	-	<0.02	<0.02	<0.02	<0.02
Nitrobenzene	0.0035	<0.01	<0.01*	<0.01*	<0.01*
N-Nitrosodimethylamine	-	<0.01	<0.01	<0.01	<0.01
N-Nitroso-di-n-propylamine	-	<0.01	<0.01	<0.01	<0.01
n-Nitrosodiphenylamine	-	<0.01	<0.01	<0.01	<0.01
Phenanthrene	-	<0.01	<0.01	<0.01	<0.01
Pyrene	0.21	<0.01	<0.01	<0.01	<0.01
1,2,4-Trichlorobenzene	0.07	<0.01	<0.01	<0.01	<0.01

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Class II Values
*Detection limits exceed TACO Groundwater Remediation Objective Class I limits.
All units in mg/L.

TABLE 2c
Alcohols in Groundwater
BASF
Batavia, Illinois

Sample ID	TACO Tier 1	Laboratory Method	MW-1	MW-2	MW-3
Laboratory ID	Groundwater Remediation Objective	Detection	41178	41179	41180
Sample Date	Class I	Limit	11/01/04	11/01/04	11/01/04
Methyl Alcohol	-	<3.0	<3.0	<3.0	<3.0
Ethyl Alcohol	-	<3.0	<3.0	<3.0	<3.0
Isopropyl Alcohol	-	<3.0	<3.0	<3.0	<3.0
n-Butyl Alcohol	-	<3.0	<3.0	<3.0	<3.0

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Class II Values
All units in mg/L.

TABLE 2d
Metals in Groundwater
BASF
Batavia, Illinois

Sample ID	TACO Tier 1	Laboratory Method Detection Limit	MW-1	MW-2	MW-3
Laboratory ID	Groundwater Remediation Objective		41178	41179	41180
Sample Date	Class I		11/01/04	11/01/04	11/01/04
Chromium	0.1	<0.002	**0.004**	**0.003**	**0.006**
Chromium, hexavalent	-	<0.005	<0.005	<0.005	<0.005
Lead	0.0075	<0.001	**0.004**	**0.006**	**0.022**

NOTES:
Bolded = Detected value
Shaded and **BOLD** = Exceedance of the TACO Class II Values
All units in mg/L.

APPENDIX A

Boring Logs

Phase II Environmental Site Assessment

BASF Corporation
1500 Latham St.
Batavia, Illinois

ENSR	Client: BASF - Batavia, IL	BORING ID: GP-1
	Project Number: 00760-B99/000	
	Boring Location: Outside of fence, retention pond area	Sheet: 1 of 1
	Drilling Method: GeoProbe	Date/Time Started: 10/27/04 8:25 AM
	Weather: 70, clear	
Logged By: M. Laub, ENSR		Date/Time Finished: 10/27/04 9:25 AM
Drilled By: GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	48	0	CL	Very stiff brown Clay, dry	
2							GP-1 (2') 0825
3							Qp=4.0
4							
5	2	Acetate Liner	48	0		soft, moist	
6						wet	Qp=1.5
7							
8						becoming slightly silty	GP-1 (8') 0835
9	3	Acetate Liner	48	0		stiff	
10						saturated	Qp=2.0
11							
12							
13	4	Acetate Liner	48	0		moist, very stiff, slightly silty	
14							
15						soft gray Clay, wet	
16						rock	
						END OF BORING @ 16' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)
Completed as monitoring well, set at 11' w/5' screen, flush mount
Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	*Client:* BASF - Batavia, IL	***BORING ID:*** GP-2
	Project Number: 00760-B99/000	
	Boring Location: Outside of fence, retention pond area	
		Sheet: 1 of 1
	Drilling Method: GeoProbe	*Date/Time Started:* 10/27/04 9:15 AM
	Weather: *70, clear*	
Logged By: M. Laub, ENSR		*Date/Time Finished:* 10/27/04 9:50 AM
Drilled By: GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*	U.S.C.S	Lithologic Description	Lab Sample ID
						crushed rock fill	
1						stiff brown Clay, fill	
		Acetate liner	48	0	CL	stiff gray Clay, slightly moist	Qp=2.5
2	1						GP-2 (2') 09:30
						turning brown	
3							
4						soft with gray mottles, wet	
						saturated	
5						small angular poorly sorted interbedded gravel	
		Acetate liner	48	0			Qp=0.5
6	2					becoming wet	
7						stiff and moist	
8							GP-2 (8') 16:30
						slightly silty	
9							Qp=2.0
10	3	Acetate liner	40	0			
11							
12							
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)

Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	Client:	BASF - Batavia, IL	BORING ID: GP-3
	Project Number:	00760-B99/000	
	Boring Location:	Outside of fence, retention pond area	Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/27/04 2:40 PM
	Weather:	70, clear	
Logged By:	C. Buckman, ENSR		Date/Time Finished: 10/27/04 3:05 PM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	48	0		stiff dark gray to brown,Clay, fill, gravel rich,	
2					CL	stiff gray Clay, moist	Qp=1.5
3						trace small gravel, light brown mottling	GP-3 (3') 1445
4						turning dark gray to black, root fibers, organic odor	
5	2	Acetate Liner	48	1.2		rust and gray mottling, moist	
6							Qp=1.75
7						brown, trace small gravel, soft, moist trace gravel and roots gray mottling	
8							GP-3 (8') 1500
9	3	Acetate Liner	48	0		rust modules	
10							Qp=3.5
11							
12							
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)

Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR®	Client:	BASF - Batavia, IL	BORING ID: GP-4
	Project Number:	00760-B99/000	
	Boring Location:	Near firewater UST	
			Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/27/04 12:55 PM
	Weather:	70, clear	
Logged By:	C. Buckman, ENSR		Date/Time Finished: 10/27/04 1:30 PM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*	U.S.C.S	Lithologic Description	Lab Sample ID
						pavement and subbase	
1	1	Acetate Liner	48	0	CL	stiff grayish brown Clay, moist, rust mottling, trace small gravel	
2							Qp=3.0
3						becoming dry	GP-4 (3') 13:00
4							
5	2	Acetate Liner	48	0		turning brown gray and rust mottling	
6							Qp=4.5
7							
8							GP-4 (8') 13:10
9	3	Acetate Liner	48	0			
10							Qp=3.0
11						interbedded angular gravel dark gray, moist	
12							
13	4	Acetate Liner	36	0		turning soft and gray	
14							Qp=3.5
15							
16							
17	5	Acetate Liner	48	0			
18							Qp=3.5
19							
20						interbedded rock and angular gravel	

END OF BORING @ 20' below ground surface (bgs)

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)
monitoring well set at 18' w/10' screen, flush mounted
Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	Client:	BASF - Batavia, IL	BORING ID: GP-5
	Project Number:	00760-B99/000	
	Boring Location:	Near firewater UST	Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/27/04 1:40 PM
	Weather:	70, clear	
Logged By:	C. Buckman, ENSR		Date/Time Finished: 10/27/04 2:20 PM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1						gravel fill	
2	1	Acetate liner	38	0.5	CL	stiff moist brown Clay, gray mottling, trace angular small gravel	Qp=3.5
3						turning dark gray	GP-5 (3') 14:45
4							
5						soft, brown, trace small gravel	
6	2	Acetate liner	48	0			Qp=2.5
7						gray and rust mottling	
8							GP-5 (8') 14:00
9						becoming moist and stiff	
10	3	Acetate liner	36	0			Qp=2.5
11							
12							
13						becoming dry to moist	
14	4	Acetate liner	48	0			Qp=2.0
15						transition from brown and stiff to gray and soft	
16							
17						poorly sorted gravel, well rounded small to large, 1/16 - 3/4	
18	5	Acetate liner	48	0			Qp=2.0
19							
20							

END OF BORING @ 20' below ground surface (bgs)

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)

Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	*Client:*	**BASF - Batavia, IL**	***BORING ID:*** GP-6
	Project Number:	00760-B99/000	
	Boring Location:	front of building near former UST	*Sheet:* 1 of 1
	Drilling Method:	GeoProbe	*Date/Time Started:* 10/28/04 1:35 PM
	Weather:	*70, clear*	
Logged By:	M. Laub, ENSR		*Date/Time Finished:* 10/28/04 1:55 PM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate liner	40	0		asphalt and subbase	
						7-12 crushed rock fill	
2					ML/CL	stiff, light brown, Silty Clay, dry 26-40 slightly stiff light brown moist clay	Qp=2.5
3					CL	slightly stiff, light brown, Clay, moist	
4							GP-6 (4') 13:45
5	2	Acetate liner	48	0			
6							Qp=2.5
7							
8							GP-8 (8') 13:50
9	3	Acetate liner	48	0		turning soft	
					SM	fine brown Sand with small gravel, poorly sorted, wet	
10					CL	stiff brown Clay, some red mottling, moist	Qp=1
11							
12							
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)

Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	Client:	BASF - Batavia, IL	BORING ID: GP-8
	Project Number:	00760-B99/000	
	Boring Location:	near dust collector	Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/27/04 4:15 PM
	Weather:	70, clear	
Logged By:	C. Buckman, ENSR		Date/Time Finished: 10/27/04 4:40 PM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
						gravel fill	
1, 2, 3, 4	1	Acetate Liner	48	0	CL	stiff brown Clay, small interbedded gravel, moist, gray and rust mottling	Qp=>4.5 GP-8 (3') 16:25
5, 6, 7, 8	2	Acetate Liner	48	0			Qp=>4.5 GP-8 (8') 16:30
9, 10, 11, 12	3	Acetate Liner	42	0			
						Refusal	
13, 14, 15, 16, 17, 18, 19, 20						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)

Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR®	Client:	BASF - Batavia, IL	BORING ID: GP-9
	Project Number:	00760-B99/000	
	Boring Location:	near dust collector, north of fenceline	
			Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/28/04 2:20 PM
	Weather:	70, clear	
Logged By:	M. Laub, ENSR		Date/Time Finished: 10/28/04 3:00 PM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	42	0		topsoil	
2					ML/CL	stiff, brown, Silty Clay, dry	Qp=3.5
3						moist	
4							GP-9 (4') 14:50
5	2	Acetate Liner	48	0	CL	stiff brown Clay, moist	
6							Qp=3.5
7						turning gray	
8							GP-9 (8') 14:55
9	3	Acetate Liner	38	0		becoming soft and wet	
10							Qp=3.0
11							
12							
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:
* units relative to isobutylene span gas in parts per million (ppm)
Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	Client:	BASF - Batavia, IL	BORING ID: GP-10
	Project Number:	00760-B99/000	
	Boring Location:	near loading dock	Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/28/04 9:20 AM
	Weather:	70, clear	
Logged By:	M. Laub, ENSR		Date/Time Finished: 10/28/04 9:45 AM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	38	1.9		asphalt and subbase crushed rock fill	
2					CL	soft gray Clay, trace gravel, red mottling, wet	Qp=2.5
3							
4							GP-10 (4') 09:35
5	2	Acetate Liner	29	2.7	CL	interbedded small gravel	Qp=2.5
6							
7							
8							GP-10 (8') 09:40
9	3	Acetate Liner	24	7.8	ML/CL	gray Silty Clay, very wet interbedded with rounded small gravel becoming very soft and saturated heavily interbedded with medium sand and silt	Qp=1.0
10							
11							
12							
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutyiene span gas in parts per million (ppm)

Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR®	Client:	BASF - Batavia, IL	BORING ID: GP-11
	Project Number:	00760-B99/000	
	Boring Location:	near loading dock	Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/27/04 3:20 PM
	Weather:	70, clear	
Logged By:	C. Buckman, ENSR		Date/Time Finished: 10/27/04 3:35 PM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	36	0		0-12 gravel fill (CA6)	
					ML/CL	soft brown Silty Clay, trace gravel, wet	
2					CL	stiff brown Clay, some small gravel, moist, some gray mottling	Qp=3.0
3							GP-11 (3') 15:25
4							
5	2	Acetate Liner	40	0	ML/CL	stiff brown Silty Clay, moist, some gravel	
6					CL	soft brown/gray Clay, gray mottling, trace gravel, moist	Qp=3.5
7							
8							GP-11 (8') 15:35
9	3	Acetate Liner	38	0			
10							Qp=4.25
11							
12							
13	4	Acetate Liner	48	0		becoming stiff interbedded gravel and rock becoming gray, moist and soft	
14							
15							
16							
						END OF BORING @ 16' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)
1" temporary piezometer installed at 16' with a 5' screen
Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR®	Client:	BASF - Batavia, IL	BORING ID: GP-12
	Project Number:	00760-B99/000	
	Boring Location:	east end of site near RR tracks	Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/27/04 11:40 AM
	Weather:	70, clear	
Logged By:	C. Buckman, ENSR		Date/Time Finished: 10/27/04 12:05 PM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	30	0		coarse gravel fill	
					CL	medium brown Clay, some gray mottling, rust mottling, trace gravel	
2							Qp=1.5
3					OL/OH	black Organic rich soil, moist, traces of clay, organic odor, soft	
4						more traces of clay	GP-12 (4') 11:50
5	2	Acetate Liner	48	0	CL	stiff dark gray Clay, moist, some roots	
6							Qp=1.0
7						becoming softer	
8							GP-12 (8') 15:35
9	3	Acetate Liner	4	0		becoming wet, some trace gravel	
10							Qp=1.0
11							
12							
						END OF BORING @ 16' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)
1" temporary piezometer installed at 12' w/5' screen
Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR®	Client:	BASF - Batavia, IL	BORING ID: GP-13
	Project Number:	00760-B99/000	
	Boring Location:	northeast corner of site	Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/27/04 11:10 AM
	Weather:	70, clear	
Logged By:	C. Buckman, ENSR		Date/Time Finished: 10/27/04 11:35 PM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	48	0		gravel (CA6) fill	
						fill clay	
2					CL	stiff, dark gray Clay, moist	Qp=3.0
3						becoming dry	
4							GP-13 (3') 11:20
						interbedded roots and organic matter	
						becoming light gray, stiff and dry	
5	2	Acetate Liner	48	0	ML/CL	medium light brown Silty Clay, gray and rust colored mottles,gravel	Qp=4.0
6						moist to wet with some interbedded round gravel	
7							
8							GP-13 (8') 11:25
9	3	Acetate Liner	40	0.9		becoming dry and stiff	
10							Qp=2.0
11							
12							
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)

Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR®	*Client:*	**BASF - Batavia, IL**	***BORING ID:*** **GP-14**
	Project Number:	00760-B99/000	
	Boring Location:	north fence line, adjacent to former steel facility	*Sheet:* 1 of 1
	Drilling Method:	GeoProbe	*Date/Time Started:* 10/27/04 9:55 AM
	Weather:	*70, clear*	
Logged By:	C. Buckman, ENSR		*Date/Time Finished:* 10/27/04 10:30 AM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	48	1.4		gravel fill (CA6)	
2					OL/OH	Organic soil, black, moist	Qp=3.0
3					ML/CL	dark brown medium Silty Clay, organic matter, some wood pieces	
4					CL	stiff dark brown Clay, dry	GP-14 (3') 10:15
5	2	Acetate Liner	46	0.7	ML/CL	medium brown Silty Clay, dry, gray mottling	Qp=3.0
6					SP/SM	fine brown Sand, dry with some rounded aggregate, well sorted	
7					CL	medium brown Clay, with gray mottles, moist	
8							GP-14 (8') 10:20
9	3	Acetate Liner	48	1.4		0-4 moist brown clay	
					SP/SM	fine brown Sand, wet	
10					ML/CL	soft brown Silty Clay, wet	Qp=2.5
11					CL	stiff borwn clay, moist, gray mottling	
12							
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)
Monitoring well set at 12' with a 5' screen, flush mounted
Qp=tons/cubic foot

Checked by R Gregorek Date: 11/16/2004

ENSR®	Client:	BASF - Batavia, IL	**BORING ID:** GP-15
	Project Number:	00760-B99/000	
	Boring Location:	north fence line, adjacent to former steel facility	Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/27/04 10:32 AM
	Weather:	70, clear	
Logged By:	C. Buckman, ENSR		Date/Time Finished: 10/27/04 10:55 AM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*	U.S.C.S	Lithologic Description	Lab Sample ID
						gravel fill (CA6)	
1	1	Acetate liner	45	0	CL	stiff dark brown Clay, moist, rust mottling, trace silt	Qp=1.5
2							
3						becoming gray	GP-15 (3') 10:40
4							
5	2	Acetate liner	38	1.5	ML/CL	soft brown Silty Clay, moist	Qp=2.0
6					CL	stiff brown Clay, moist. gray mottling	
7							
8							GP-15 (8') 10:50
9	3	Acetate liner	41	0		interbedded poorly sorted gravel	Qp=2.0
10							
11							
12							
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)

Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	Client:	BASF - Batavia, IL	BORING ID: GP-16
	Project Number:	00760-B99/000	
	Boring Location:	near USTs	Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/28/04 11:15 AM
	Weather:	70, clear	
Logged By:	M. Laub, ENSR		Date/Time Finished: 10/28/04 11:40 AM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	32	0		gravel fill (CA6)	
2						clay and sand fill	
3							
4							
5	2	Acetate Liner	36	0		old asphalt and subbase	GP-16 (5') 11:35 Qp=2.0
6					CL	soft brown clay, moist	
7					ML/CL	soft black silty clay, heavy organic matter	
8					SP/SM	coarse tan sand, some silt,	
9	3	Acetate Liner	30	0	CL	stiff brown clay, moist	
					SP/SM	coarse tan sand, some silt	
10					CL	soft brown clay, moist	GP-16 (9') 11:40 Qp=1.0
11						saturated	
12						turning gray	
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)
Qp=tons/cubic foot

Checked by R Gregorek Date: 11/16/2004

ENSR	*Client:*	**BASF - Batavia, IL**	***BORING ID:*** **GP-17**
	Project Number:	00760-B99/000	
	Boring Location:	near USTs	
			Sheet: 1 of 1
	Drilling Method:	GeoProbe	*Date/Time Started:* 10/28/04 12:00 PM
	Weather:	*70, clear*	
Logged By:	M. Laub, ENSR		*Date/Time Finished:* 10/28/04 12:30 PM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	36	0		gravel fill (CA6)	
2					CL	soft dark brown Clay, some gray mottling	Qp=2.5
3						becoming gray stiff and dry	
4						becoming softer, moist and transitioning to brown	GP-17 (4') 12:15
5	2	Acetate Liner	37	0	ML/CL	soft brown Silty Clay, moist	Qp=1.5
					SP/SM	coarse brown Sand, moist	
6					ML/CL	very soft, brown Silty Clay	
					CL	very soft brown Clay, heavy gray and black mottling	
7					SP/SM	coarse brown Sand, moist	
					ML/CL	very soft, brown Silty Clay, moist	
8							GP-17 (8') 12:20
9	3	Acetate Liner	6	0		*liner stuck in macrocore*	
10					SP/SM	coarse brown sand, saturated	
11					CL	soft gray clay, saturated	
12							
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)

Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	Client:	BASF - Batavia, IL	BORING ID: GP-18
	Project Number:	00760-B99/000	
	Boring Location:	near USTs	
			Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/28/04 12:45 PM
	Weather:	70, clear	
Logged By:	M. Laub, ENSR		Date/Time Finished: 10/28/04 1:00 PM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	23	0		asphalt, subbase, crused rock fill	
2					CL	very soft gray Clay, saturated	
3							
4							
5	2	Acetate Liner	40	0	GW	Gravel, angular, well graded, some sand, saturated	
					SP/SM	coarse brown Sand, saturated	
					CL	stiff, gray Clay, very wet	
6					SP/SM	coarse brown Sand, saturated	
					CL	stiff, gray Clay, very wet, black mottling	
7					SP/SM	coarse brown Sand, saturated	
					SW/SM	medium gray Sand, very silty, saturated	
8							
						END OF BORING @ 8' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)

Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	Client:	BASF - Batavia, IL	BORING ID: GP-19
	Project Number:	00760-B99/000	
	Boring Location:	near USTs	Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/28/04 1:05 PM
	Weather:	70, clear	
Logged By:	M. Laub, ENSR		Date/Time Finished: 10/28/04 1:25 PM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
						topsoil	
1	1	Acetate liner	48	0	ML/CL	medium dark brown Silty Clay	
2						transitions to a stiff light brown, fairly dry	Qp=4.0
3						some interbedded coarse sand	
4							GP-19 (4') 13:20
5	2	Acetate liner	48	0	CL	soft gray Clay, wet	
6						becoming light brown with gray mottling becoming gray with black mottling, wet	Qp=0.5
7						some interbedded large gravel	
8					ML/CL	soft, light brown Sitly Clay, heavy black mottling, moist	GP-19 (8') 13:25
9	3	Acetate liner	32		CL	soft light brown Clay, moist, black mottles	
10						some large gravel interbedded becoming very stiff and dry, some red mottles	Qp=>4.5
11							
12							
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)

Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR®	Client:	BASF - Batavia, IL	BORING ID: GP-20
	Project Number:	00760-B99/000	
	Boring Location:	near USTs	
			Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/28/04 8:40 AM
	Weather:	70, clear	
Logged By:	M. Laub, ENSR		Date/Time Finished: 10/28/04 8:55 AM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
						topsoil	
1	1	Acetate liner	40	0	ML/CL	medium dark brown Silty Clay, dry, crumbly, interbedded roots and organic matter	
2						becoming light brown and stiff with interbedded coarse sand	Qp=2.5
						black and gray mottling	GP-20 (2') 09:00
3						becoming moist and soft	
4					CL	very soft brown Clay, moist	
						heavy gray mottling	
5							GP-20 (4') 09:00
6	2	Acetate liner	22	0			Qp=1.0
7							
8						interbedded coase sand and gravel, very wet	
						END OF BORING @ 8' below ground surface (bgs)	

NOTES:
* units relative to isobutylene span gas in parts per million (ppm)
Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	Client:	BASF - Batavia, IL	BORING ID: GP-21
	Project Number:	00760-B99/000	
	Boring Location:	near USTs	
			Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/28/04 8:20 AM
	Weather:	70, clear	
Logged By:	M. Laub, ENSR		Date/Time Finished: 10/28/04 8:30 AM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	46	2.4		topsoil	
						clay and crushed rock fill	Qp=2.0
2					ML/CL	stiff brown Silty Clay, gray mottling, interbedded organic matter	GP-21 (2') 08:40
3						becoming moister and softer	
4							
5	2	Acetate Liner	22	0		becoming very soft and wet, tan colored	GP-21 (4') 08:40
6							Qp=0.5
7							
8						gray and black mottles	
						END OF BORING @ 8' below ground surface (bgs)	

NOTES:
* units relative to isobutylene span gas in parts per million (ppm)
Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	Client:	BASF - Batavia, IL	BORING ID: GP-22
	Project Number:	00760-B99/000	
	Boring Location:	near USTs	
			Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/28/04 8:10 AM
	Weather:	70, clear	
Logged By:	M. Laub, ENSR		Date/Time Finished: 10/28/04 8:20 AM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1						topsoil crushed rock fill	
2 3	1	Acetate Liner	36	0	ML/CL	medium brown Sitly Clay, interbedded organic matter, crumbly	Qp=3.5
4							GP-22 (4') 08:20
						END OF BORING @ 4' below ground surface (bgs)	

NOTES:
* units relative to isobutylene span gas in parts per million (ppm)
Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	Client:	BASF - Batavia, IL	BORING ID: GP-23
	Project Number:	00760-B99/000	
	Boring Location:	near USTs	
			Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/28/04 9:55 AM
	Weather:	70, clear	
Logged By:	M. Laub, ENSR		Date/Time Finished: 10/28/04 10:25 AM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1	1	Acetate Liner	30	0		asphalt and subbase crushed rock fill (CA6)	
2							
3						sand fill	
4						fill rock and gravel	
5	2	Acetate Liner	48	2.3	CL	stiff gray Clay, moist becoming brown with red mottles	GP-23 (5') 10:10
6							Qp=1.5
7							
8							
9	3	Acetate Liner	48	1.6		turning gray, wet more red mottling	GP-23 (9') 10:20
10							Qp=3.5
11							
12						becoming soft and gray/brown	
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)

Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

ENSR	Client:	BASF - Batavia, IL	BORING ID: GP-24
	Project Number:	00760-B99/000	
	Boring Location:	near USTs	
			Sheet: 1 of 1
	Drilling Method:	GeoProbe	Date/Time Started: 10/28/04 10:30 AM
	Weather:	70, clear	
Logged By:	M. Laub, ENSR		Date/Time Finished: 10/28/04 11:00 AM
Drilled By:	GeoServe -		

Depth (ft)	Sample Number	Sample Type	Recovery (inches)	PID reading (units*)	U.S.C.S	Lithologic Description	Lab Sample ID
1 2 3 4	1	Acetate liner	24	0		subbase, crushed rock and gravel (CA6) large angular gravel, very wet	
5							GP-24 (5') 10:45
6 7 8	2	Acetate liner	40	1.5	ML/CL	soft, brown Silty Clay, wet	Qp=1.5
9					SW	coarse brown Sand with some silt, wet	
10 11 12	3	Acetate liner	48	1.1	CL	stiff brown Clay, moist	GP-24 (9') 1055 Qp=3.5
						END OF BORING @ 12' below ground surface (bgs)	

NOTES:

* units relative to isobutylene span gas in parts per million (ppm)
Temporary piezometer installed at 10.5' with a 5' screen
Qp=tons/cubic foot

Checked by R. Gregorek Date: 11/16/2004

APPENDIX B

Monitoring Well Construction Diagrams

Phase II Environmental Site Assessment

BASF Corporation
1500 Latham St.
Batavia, Illinois

Project No: 00760-156 Client: BASF Site: Batavia, IL

WELL No: MW-1

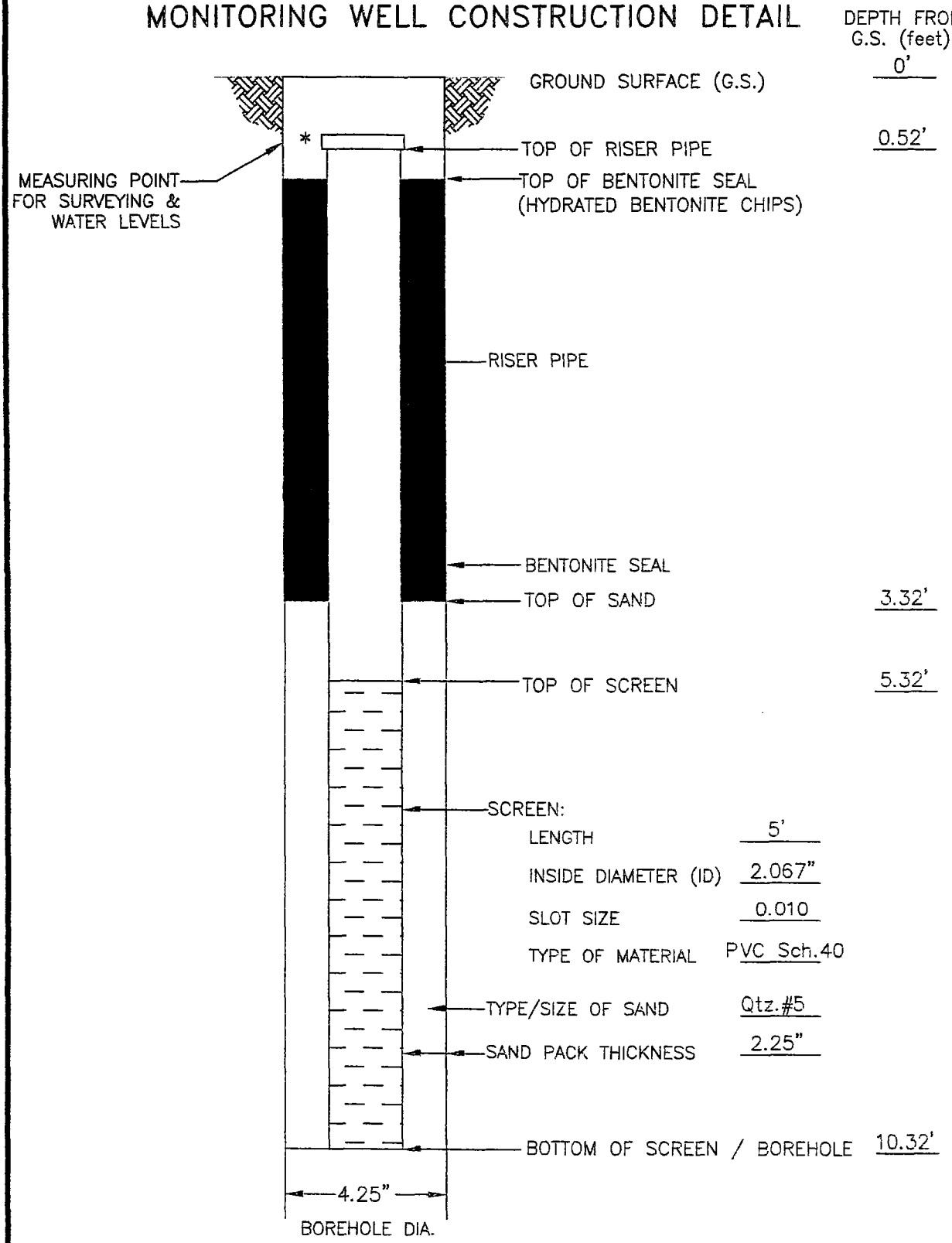
Well Location: Outside of fence in retention pond area

Date Installed: 10/27/04

Contractor: GeoServe Method: 4-1/4 HSA DRILL RIG

Inspector: M. Laub

MONITORING WELL CONSTRUCTION DETAIL



ENSR™

Project No: 00/60-156 Client: BASF Site: Batavia, IL

WELL No: MW-2

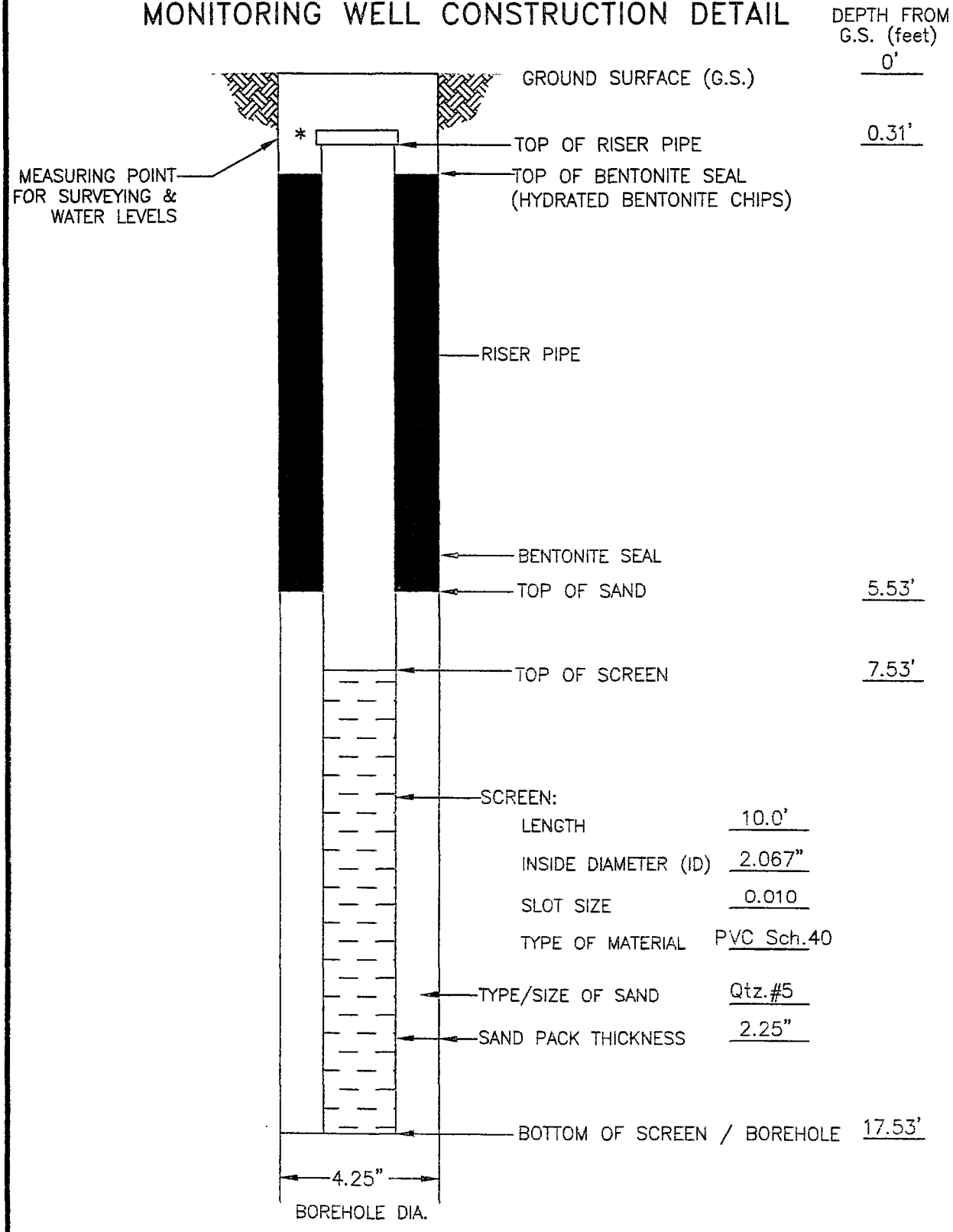
Well Location: Near firewater UST

Date Installed: 10/27/04

Contractor: GeoServe Method: 4-1/4 HSA DRILL RIG

Inspector: M. Laub

MONITORING WELL CONSTRUCTION DETAIL



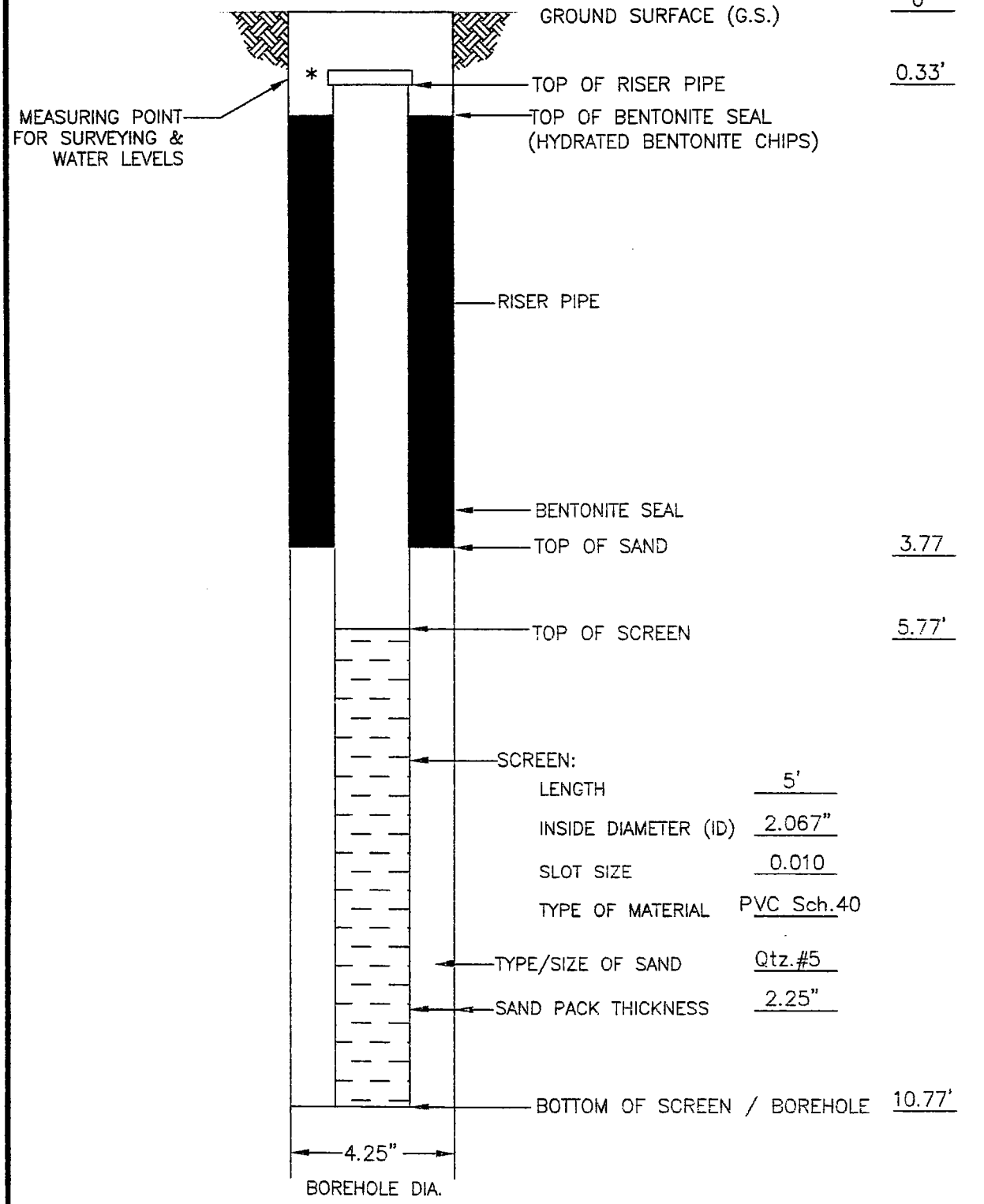
ENSR™

Project No: 00700-150 Client: BASF Site: Batavia, IL WELL NO. MW-3

Well Location: North fence line adjacent to former steel facility Date Installed: 10/27/04

Contractor: GeoServe Method: 4-1/4 HSA DRILL RIG Inspector: M. Laub

MONITORING WELL CONSTRUCTION DETAIL



ENSR™

APPENDIX C

Laboratory Analytical Report

Phase II Environmental Site Assessment

BASF Corporation
1500 Latham St.
Batavia, Illinois

First Environmental Laboratories, Inc.

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

November 4, 2004

Mr. Ronn Gregorek
ENSR
27755 Diehl Road
Warrenville, IL 60555

Project ID: 00760-B99
First Environmental File ID: 40777-99
Date Received: October 28th, 2004

Dear Mr. Gregorek:

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

All analyses were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, December 1996. The specific method references are listed on the Analytical Report. Results are reported on a dry weight basis per method protocols. Alcohol analysis was performed by Teklab, Inc of Collinsville, IL (IL ELAP 100226).

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

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

Sincerely,

Stan Zaworski
Project Manager

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40778	Date Taken:	10/27/04
Sample Description:	GP-1 (8')	Time Taken:	8:35
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40778	Date Taken:	10/27/04
Sample Description:	GP-1 (8')	Time Taken:	8:35
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40779	Date Taken:	10/27/04
Sample Description:	GP-2 (2')	Time Taken:	9:30
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	81.82	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40779	Date Taken:	10/27/04
Sample Description:	GP-2 (2')	Time Taken:	9:30
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40779	Date Taken:	10/27/04
Sample Description:	GP-2 (2')	Time Taken:	9:30
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	18.6	mg/kg	11/03/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/03/04	7196A
Lead	11.9	mg/kg	11/03/04	3050B/6010B

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40780	Date Taken:	10/27/04
Sample Description:	GP-2 (8')	Time Taken:	9:40
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	85.37	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: ENSR
Project ID: 00760-B99
Sample Number: 40780
Sample Description: GP-2 (8')
Lab File ID: 40777-99

Date Received: 10/28/04
Date Taken: 10/27/04
Time Taken: 9:40
Date Reported: 11/04/04

Base-Neutral Compounds Method 3540C/8270C
Preparation Date: 11/01/04
Analysis Date: 11/03/04

Analyte	Result	Units	Flags
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 330	ug/kg	
Benzyl alcohol	< 90	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 330	ug/kg	
Dibenzofuran	< 90	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 330	ug/kg	
Diethylphthalate	< 660	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 330	ug/kg	
2,6-Dinitrotoluene	< 250	ug/kg	
Di-n-octylphthalate	< 260	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40780	Date Taken:	10/27/04
Sample Description:	GP-2 (8')	Time Taken:	9:40
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40781	Date Taken:	10/27/04
Sample Description:	GP-3 (3')	Time Taken:	14:45
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	85.90	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40795	Date Taken:	10/27/04
Sample Description:	GP-14 (3')	Time Taken:	10:15
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40795	Date Taken:	10/27/04
Sample Description:	GP-14 (3')	Time Taken:	10:15
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	30.0	mg/kg	11/03/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/03/04	7196A
Lead	14.5	mg/kg	11/03/04	3050B/6010B

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40796	Date Taken:	10/27/04
Sample Description:	GP-14 (8')	Time Taken:	10:20
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	86.51	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40796	Date Taken:	10/27/04
Sample Description:	GP-14 (8')	Time Taken:	10:20
Lab File ID:	40777-99	Date Reported:	11/04/04

Base-Neutral Compounds Method 3540C/8270C

Preparation Date: 11/01/04
Analysis Date: 11/03/04

Analyte	Result	Units	Flags
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40796	Date Taken:	10/27/04
Sample Description:	GP-14 (8')	Time Taken:	10:20
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40797	Date Taken:	10/27/04
Sample Description:	GP-15 (3')	Time Taken:	10:40
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	78.90	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40797	Date Taken:	10/27/04
Sample Description:	GP-15 (3')	Time Taken:	10:40
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40797	Date Taken:	10/27/04
Sample Description:	GP-15 (3')	Time Taken:	10:40
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	19.6	mg/kg	11/03/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/03/04	7196A
Lead	18.6	mg/kg	11/03/04	3050B/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40798	Date Taken:	10/27/04
Sample Description:	GP-15 (8')	Time Taken:	10:50
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	84.89	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40798	Date Taken:	10/27/04
Sample Description:	GP-15 (8')	Time Taken:	10:50
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40798	Date Taken:	10/27/04
Sample Description:	GP-15 (8')	Time Taken:	10:50
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40799	Date Taken:	N/A
Sample Description:	Trip Blank	Time Taken:	N/A
Lab File ID:	40777-99	Date Reported:	11/04/04

Volatile Organic Compounds Method 5030B/8260B
Analysis Date: 11/03/04

Analyte	Result	Units	Flags
Acetone	< 10.0	ug/L	
Benzene	< 5.0	ug/L	
Bromodichloromethane	< 1.0	ug/L	
Bromoform	< 1.0	ug/L	
Bromomethane	< 5.0	ug/L	
2-Butanone	< 10.0	ug/L	
Carbon disulfide	< 5.0	ug/L	
Carbon tetrachloride	< 5.0	ug/L	
Chlorobenzene	< 5.0	ug/L	
Chlorodibromomethane	< 1.0	ug/L	
Chloroethane	< 10.0	ug/L	
Chloroform	< 1.0	ug/L	
Chloromethane	< 10.0	ug/L	
1,1-Dichloroethane	< 5.0	ug/L	
1,2-Dichloroethane	< 5.0	ug/L	
1,1-Dichloroethene	< 5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	ug/L	
1,2-Dichloropropane	< 5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
2-Hexanone	< 10.0	ug/L	
4-Methyl-2-pentanone	< 10.0	ug/L	
Methylene chloride	< 5.0	ug/L	
MTBE	< 5.0	ug/L	
Styrene	< 5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	ug/L	
Tetrachloroethene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	ug/L	
Trichloroethene	< 5.0	ug/L	
Vinyl Acetate	< 10.0	ug/L	
Vinyl Chloride	< 2.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.

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

Company Name: ENSR
Street Address: 27755 DIEHL RD.
City: WARRENVILLE State: IL Zip: 60555
Phone: 630-836-1700 Fax: 630-836-1711
Send Report To: RONN GREGOREK
Sampled By: ML

Project I.D.: 00760-899
P.O. #.:

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

Analyses

Date/Time Taken	Sample Description	Matrix	VOC	SVOC	Pb & Cr + Cr^{6}	ALCOHOLS					Comments	Lab I.D.
10/27/04 0825	GP-1 (2')	S	X	X	X	X						40777
0835	GP-1 (8')											778
0930	GP-2 (2')				X							779
0940	GP-2 (8')											780
1445	GP-3 (3')				X							781
1500	GP-3 (8')											782
1300	GP-4 (3')				X							783
1310	GP-4 (8')											784
1350	GP-5 (3')				X							785
1400	GP-5 (8')											786
1625	GP-8 (3')				X							787
1630	GP-8 (8')											788

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

Notes and Special Instructions: 5-7 DAY TAT

Relinquished By: [signature] Date/Time _____ Received By: [signature] Date/Time _____
Relinquished By: [signature] Date/Time 10/28 7:45 Received By: [signature] Date/Time 10/28/04 7:45

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.

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

Company Name: ENSR
Street Address: 27755 DIEHL RD.
City: WARRENVILLE State: IL Zip: 60555
Phone: 630-836-1700 Fax: 630-836-1711
Send Report To: RONN GREGOREK
Sampled By: ML

Project I.D.: 00760-B79
P.O. #.:

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

Analyses

Date/Time Taken	Sample Description	Matrix	VOC	SVOC	Pb + Cr + Cr6	Alcohols					Comments	Lab I.D.
10/27/04 1525	GP-11 (3')	S	X	X	X	X						40789
1535	GP-11 (8')											790
1150	GP-12 (4')				X							791
1155	GP-12 (8')											792
1120	GP-13 (3')				X							793
1125	GP-13 (8')											794
1015	GP-14 (3')				X							795
1020	GP-14 (8')											796
1040	GP-15 (3')				X							797
1050	GP-15 (8')											798
	TRIP BLANK											799

Cooler Temperature: <6 on ice °C
Received within 6 hrs. of collection:

Notes and Special Instructions: 5-7 DAY TAT

Relinquished By: Date/Time Received By: Date/Time
Relinquished By: Date/Time 10/28 7:45 Received By: Date/Time 10/28/04 745

First Environmental Laboratories, Inc.

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

November 9, 2004

Mr. Ronn Gregorek
ENSR
27755 Diehl Road
Warrenville, IL 60555

Project ID: 00760-B99
First Environmental File ID: 41178-81
Date Received: November 1st, 2004

Dear Mr. Gregorek:

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

All analyses were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, December 1996. The specific method references are listed on the Analytical Report. Alcohol analysis was performed by Teklab, Inc of Collinsville, IL (IL ELAP 100226).

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

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

Sincerely,

Stan Zaworski
Project Manager

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	11/01/04
Sample Number:	41178	Date Taken:	11/01/04
Sample Description:	MW-1	Time Taken:	10:15
Lab File ID:	41178-81	Date Reported:	11/09/04

Volatile Organic Compounds Method 5030B/8260B
Analysis Date: 11/09/04

Analyte	Result	Units	Flags
Acetone	< 10.0	ug/L	
Benzene	< 5.0	ug/L	
Bromodichloromethane	< 1.0	ug/L	
Bromoform	< 1.0	ug/L	
Bromomethane	< 5.0	ug/L	
2-Butanone	< 10.0	ug/L	
Carbon disulfide	< 5.0	ug/L	
Carbon tetrachloride	< 5.0	ug/L	
Chlorobenzene	< 5.0	ug/L	
Chlorodibromomethane	< 1.0	ug/L	
Chloroethane	< 10.0	ug/L	
Chloroform	< 1.0	ug/L	
Chloromethane	< 10.0	ug/L	
1,1-Dichloroethane	< 5.0	ug/L	
1,2-Dichloroethane	< 5.0	ug/L	
1,1-Dichloroethene	< 5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	ug/L	
1,2-Dichloropropane	< 5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
2-Hexanone	< 10.0	ug/L	
4-Methyl-2-pentanone	< 10.0	ug/L	
Methylene chloride	< 5.0	ug/L	
MTBE	< 5.0	ug/L	
Styrene	< 5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	ug/L	
Tetrachloroethene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	ug/L	
Trichloroethene	< 5.0	ug/L	
Vinyl Acetate	< 10.0	ug/L	
Vinyl Chloride	< 2.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	11/01/04
Sample Number:	41178	Date Taken:	11/01/04
Sample Description:	MW-1	Time Taken:	10:15
Lab File ID:	41178-81	Date Reported:	11/09/04

Base-Neutral Compounds Method 3510C/8270C
Analysis Date: 11/08/04
Preparation Date: 11/02/04

Analyte	Result	Units	Flags
Acenaphthene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Anthracene	< 10	ug/L	
Benzidine	< 10	ug/L	
Benzo[a]anthracene	< 10	ug/L	
Benzo[b]fluoranthene	< 10	ug/L	
Benzo[k]fluoranthene	< 10	ug/L	
Benzo[g,h,i]perylene	< 10	ug/L	
Benzo[a]pyrene	< 10	ug/L	
Benzyl Alcohol	< 20	ug/L	
bis(2-chloroethoxy)methane	< 10	ug/L	
bis(2-chloroethyl)ether	< 10	ug/L	
bis(2-chloroisopropyl)ether	< 10	ug/L	
bis(2-ethylhexyl)phthalate	< 5	ug/L	
4-Bromophenyl-phenylether	< 10	ug/L	
Butylbenzylphthalate	< 10	ug/L	
Carbazole	< 10	ug/L	
4-Chloroaniline	< 10	ug/L	
2-Chloronaphthalene	< 10	ug/L	
4-Chlorophenyl-phenylether	< 10	ug/L	
Chrysene	< 10	ug/L	
Dibenz[a,h]anthracene	< 10	ug/L	
Dibenzofuran	< 10	ug/L	
1,2-Dichlorobenzene	< 10	ug/L	
1,3-Dichlorobenzene	< 10	ug/L	
1,4-Dichlorobenzene	< 10	ug/L	
3,3-Dichorobenzidine	< 20	ug/L	
Diethylphthalate	< 10	ug/L	
Dimethylphthalate	< 10	ug/L	
Di-n-butylphthalate	< 10	ug/L	
2,4-Dinitrotoluene	< 10	ug/L	
2,6-Dinitrotoluene	< 10	ug/L	
Di-n-octylphthalate	< 10	ug/L	
Fluoranthene	< 10	ug/L	
Fluorene	< 10	ug/L	
Hexachlorobenzene	< 10	ug/L	
Hexachlorobutadiene	< 10	ug/L	
Hexachlorocyclopentadiene	< 10	ug/L	
Hexachloroethane	< 10	ug/L	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	11/01/04
Sample Number:	41178	Date Taken:	11/01/04
Sample Description:	MW-1	Time Taken:	10:15
Lab File ID:	41178-81	Date Reported:	11/09/04

Analyte	Result	Units	Flags
Indeno[1,2,3-cd]pyrene	< 10	ug/L	
Isophorone	205	ug/L	
2-Methylnaphthalane	< 10	ug/L	
Naphthalene	< 10	ug/L	
2-Nitroaniline	< 50	ug/L	
3-Nitroaniline	< 50	ug/L	
4-Nitroaniline	< 20	ug/L	
Nitrobenzene	< 10	ug/L	
N-Nitrosodimethylamine	< 10	ug/L	
N-Nitroso-di-n-propylamine	< 10	ug/L	
n-Nitrosodiphenylamine	< 10	ug/L	
Phenanthrene	< 10	ug/L	
Pyrene	< 10	ug/L	
1,2,4-Trichlorobenzene	< 10	ug/L	

Alcohol Method 8015B
Analysis Date: 11/05/04

Methyl Alcohol	< 3,000	ug/L
Ethyl Alcohol	< 3,000	ug/L
Isopropyl Alcohol	< 3,000	ug/L
n-Butyl Alcohol	< 3,000	ug/L

Analyte	Result	Units	Date Analyzed	Method
Chromium	0.004	mg/L	11/02/04	3010A/6010B
Chromium, hexavalent	<0.005	mg/L	11/01/04 14:15	7196A
Lead	0.004	mg/L	11/02/04	3010A/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	11/01/04
Sample Number:	41179	Date Taken:	11/01/04
Sample Description:	MW-4	Time Taken:	9:25
Lab File ID:	41178-81	Date Reported:	11/09/04

Volatile Organic Compounds Method 5030B/8260B
Analysis Date: 11/09/04

Analyte	Result	Units	Flags
Acetone	< 10.0	ug/L	
Benzene	< 5.0	ug/L	
Bromodichloromethane	< 1.0	ug/L	
Bromoform	< 1.0	ug/L	
Bromomethane	< 5.0	ug/L	
2-Butanone	< 10.0	ug/L	
Carbon disulfide	< 5.0	ug/L	
Carbon tetrachloride	< 5.0	ug/L	
Chlorobenzene	< 5.0	ug/L	
Chlorodibromomethane	< 1.0	ug/L	
Chloroethane	< 10.0	ug/L	
Chloroform	< 1.0	ug/L	
Chloromethane	< 10.0	ug/L	
1,1-Dichloroethane	< 5.0	ug/L	
1,2-Dichloroethane	< 5.0	ug/L	
1,1-Dichloroethene	< 5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	ug/L	
1,2-Dichloropropane	< 5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
2-Hexanone	< 10.0	ug/L	
4-Methyl-2-pentanone	< 10.0	ug/L	
Methylene chloride	< 5.0	ug/L	
MTBE	< 5.0	ug/L	
Styrene	< 5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	ug/L	
Tetrachloroethene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	ug/L	
Trichloroethene	< 5.0	ug/L	
Vinyl Acetate	< 10.0	ug/L	
Vinyl Chloride	< 2.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	11/01/04
Sample Number:	41179	Date Taken:	11/01/04
Sample Description:	MW-4	Time Taken:	9:25
Lab File ID:	41178-81	Date Reported:	11/09/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3510C/8270C			
Analysis Date: 11/08/04			
Preparation Date: 11/02/04			
Acenaphthene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Anthracene	< 10	ug/L	
Benzidine	< 10	ug/L	
Benzo[a]anthracene	< 10	ug/L	
Benzo[b]fluoranthene	< 10	ug/L	
Benzo[k]fluoranthene	< 10	ug/L	
Benzo[g,h,i]perylene	< 10	ug/L	
Benzo[a]pyrene	< 10	ug/L	
Benzyl Alcohol	< 20	ug/L	
bis(2-chloroethoxy)methane	< 10	ug/L	
bis(2-chloroethyl)ether	< 10	ug/L	
bis(2-chloroisopropyl)ether	< 10	ug/L	
bis(2-ethylhexyl)phthalate	< 5	ug/L	
4-Bromophenyl-phenylether	< 10	ug/L	
Butylbenzylphthalate	< 10	ug/L	
Carbazole	< 10	ug/L	
4-Chloroaniline	< 10	ug/L	
2-Chloronaphthalene	< 10	ug/L	
4-Chlorophenyl-phenylether	< 10	ug/L	
Chrysene	< 10	ug/L	
Dibenz[a,h]anthracene	< 10	ug/L	
Dibenzofuran	< 10	ug/L	
1,2-Dichlorobenzene	< 10	ug/L	
1,3-Dichlorobenzene	< 10	ug/L	
1,4-Dichlorobenzene	< 10	ug/L	
3,3-Dichorobenzidine	< 20	ug/L	
Diethylphthalate	< 10	ug/L	
Dimethylphthalate	< 10	ug/L	
Di-n-butylphthalate	< 10	ug/L	
2,4-Dinitrotoluene	< 10	ug/L	
2,6-Dinitrotoluene	< 10	ug/L	
Di-n-octylphthalate	< 10	ug/L	
Fluoranthene	< 10	ug/L	
Fluorene	< 10	ug/L	
Hexachlorobenzene	< 10	ug/L	
Hexachlorobutadiene	< 10	ug/L	
Hexachlorocyclopentadiene	< 10	ug/L	
Hexachloroethane	< 10	ug/L	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	11/01/04
Sample Number:	41179	Date Taken:	11/01/04
Sample Description:	MW-4	Time Taken:	9:25
Lab File ID:	41178-81	Date Reported:	11/09/04

Analyte	Result	Units	Flags
Indeno[1,2,3-cd]pyrene	< 10	ug/L	
Isophorone	< 10	ug/L	
2-Methylnaphthalane	< 10	ug/L	
Naphthalene	< 10	ug/L	
2-Nitroaniline	< 50	ug/L	
3-Nitroaniline	< 50	ug/L	
4-Nitroaniline	< 20	ug/L	
Nitrobenzene	< 10	ug/L	
N-Nitrosodimethylamine	< 10	ug/L	
N-Nitroso-di-n-propylamine	< 10	ug/L	
n-Nitrosodiphenylamine	< 10	ug/L	
Phenanthrene	< 10	ug/L	
Pyrene	< 10	ug/L	
1,2,4-Trichlorobenzene	< 10	ug/L	

Alcohol Method 8015B
Analysis Date: 11/05/04

Methyl Alcohol	< 3,000	ug/L
Ethyl Alcohol	< 3,000	ug/L
Isopropyl Alcohol	< 3,000	ug/L
n-Butyl Alcohol	< 3,000	ug/L

Analyte	Result	Units	Date Analyzed	Method
Chromium	0.003	mg/L	11/02/04	3010A/6010B
Chromium, hexavalent	<0.005	mg/L	11/01/04 14:15	7196A
Lead	0.006	mg/L	11/02/04	3010A/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	11/01/04
Sample Number:	41180	Date Taken:	11/01/04
Sample Description:	MW-14	Time Taken:	9:50
Lab File ID:	41178-81	Date Reported:	11/09/04

Volatile Organic Compounds Method 5030B/8260B
Analysis Date: 11/09/04

Analyte	Result	Units	Flags
Acetone	< 10.0	ug/L	
Benzene	< 5.0	ug/L	
Bromodichloromethane	< 1.0	ug/L	
Bromoform	< 1.0	ug/L	
Bromomethane	< 5.0	ug/L	
2-Butanone	< 10.0	ug/L	
Carbon disulfide	< 5.0	ug/L	
Carbon tetrachloride	< 5.0	ug/L	
Chlorobenzene	< 5.0	ug/L	
Chlorodibromomethane	< 1.0	ug/L	
Chloroethane	< 10.0	ug/L	
Chloroform	< 1.0	ug/L	
Chloromethane	< 10.0	ug/L	
1,1-Dichloroethane	< 5.0	ug/L	
1,2-Dichloroethane	< 5.0	ug/L	
1,1-Dichloroethene	< 5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	ug/L	
1,2-Dichloropropane	< 5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
2-Hexanone	< 10.0	ug/L	
4-Methyl-2-pentanone	< 10.0	ug/L	
Methylene chloride	< 5.0	ug/L	
MTBE	< 5.0	ug/L	
Styrene	< 5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	ug/L	
Tetrachloroethene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	ug/L	
Trichloroethene	< 5.0	ug/L	
Vinyl Acetate	< 10.0	ug/L	
Vinyl Chloride	< 2.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	11/01/04
Sample Number:	41180	Date Taken:	11/01/04
Sample Description:	MW-14	Time Taken:	9:50
Lab File ID:	41178-81	Date Reported:	11/09/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3510C/8270C			
Analysis Date: 11/08/04			
Preparation Date: 11/02/04			
Acenaphthene	< 10	ug/L	
Acenaphthylene	< 10	ug/L	
Anthracene	< 10	ug/L	
Benzidine	< 10	ug/L	
Benzo[a]anthracene	< 10	ug/L	
Benzo[b]fluoranthene	< 10	ug/L	
Benzo[k]fluoranthene	< 10	ug/L	
Benzo[g,h,i]perylene	< 10	ug/L	
Benzo[a]pyrene	< 10	ug/L	
Benzyl Alcohol	< 20	ug/L	
bis(2-chloroethoxy)methane	< 10	ug/L	
bis(2-chloroethyl)ether	< 10	ug/L	
bis(2-chloroisopropyl)ether	< 10	ug/L	
bis(2-ethylhexyl)phthalate	< 5	ug/L	
4-Bromophenyl-phenylether	< 10	ug/L	
Butylbenzylphthalate	< 10	ug/L	
Carbazole	< 10	ug/L	
4-Chloroaniline	< 10	ug/L	
2-Chloronaphthalene	< 10	ug/L	
4-Chlorophenyl-phenylether	< 10	ug/L	
Chrysene	< 10	ug/L	
Dibenz[a,h]anthracene	< 10	ug/L	
Dibenzofuran	< 10	ug/L	
1,2-Dichlorobenzene	< 10	ug/L	
1,3-Dichlorobenzene	< 10	ug/L	
1,4-Dichlorobenzene	< 10	ug/L	
3,3-Dichorobenzidine	< 20	ug/L	
Diethylphthalate	< 10	ug/L	
Dimethylphthalate	< 10	ug/L	
Di-n-butylphthalate	< 10	ug/L	
2,4-Dinitrotoluene	< 10	ug/L	
2,6-Dinitrotoluene	< 10	ug/L	
Di-n-octylphthalate	< 10	ug/L	
Fluoranthene	< 10	ug/L	
Fluorene	< 10	ug/L	
Hexachlorobenzene	< 10	ug/L	
Hexachlorobutadiene	< 10	ug/L	
Hexachlorocyclopentadiene	< 10	ug/L	
Hexachloroethane	< 10	ug/L	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	11/01/04
Sample Number:	41180	Date Taken:	11/01/04
Sample Description:	MW-14	Time Taken:	9:50
Lab File ID:	41178-81	Date Reported:	11/09/04

Analyte	Result	Units	Flags
Indeno[1,2,3-cd]pyrene	< 10	ug/L	
Isophorone	< 10	ug/L	
2-Methylnaphthalane	< 10	ug/L	
Naphthalene	< 10	ug/L	
2-Nitroaniline	< 50	ug/L	
3-Nitroaniline	< 50	ug/L	
4-Nitroaniline	< 20	ug/L	
Nitrobenzene	< 10	ug/L	
N-Nitrosodimethylamine	< 10	ug/L	
N-Nitroso-di-n-propylamine	< 10	ug/L	
n-Nitrosodiphenylamine	< 10	ug/L	
Phenanthrene	< 10	ug/L	
Pyrene	< 10	ug/L	
1,2,4-Trichlorobenzene	< 10	ug/L	

Alcohol Method 8015B
Analysis Date: 11/05/04

Methyl Alcohol	< 3,000	ug/L
Ethyl Alcohol	< 3,000	ug/L
Isopropyl Alcohol	< 3,000	ug/L
n-Butyl Alcohol	< 3,000	ug/L

Analyte	Result	Units	Date Analyzed	Method
Chromium	0.006	mg/L	11/02/04	3010A/6010B
Chromium, hexavalent	<0.005	mg/L	11/01/04 14:15	7196A
Lead	0.022	mg/L	11/02/04	3010A/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	11/01/04
Sample Number:	41181	Date Taken:	N/A
Sample Description:	Trip Blank	Time Taken:	N/A
Lab File ID:	41178-81	Date Reported:	11/09/04

Volatile Organic Compounds Method 5030B/8260B
Analysis Date: 11/09/04

Analyte	Result	Units	Flags
Acetone	< 10.0	ug/L	
Benzene	< 5.0	ug/L	
Bromodichloromethane	< 1.0	ug/L	
Bromoform	< 1.0	ug/L	
Bromomethane	< 5.0	ug/L	
2-Butanone	< 10.0	ug/L	
Carbon disulfide	< 5.0	ug/L	
Carbon tetrachloride	< 5.0	ug/L	
Chlorobenzene	< 5.0	ug/L	
Chlorodibromomethane	< 1.0	ug/L	
Chloroethane	< 10.0	ug/L	
Chloroform	< 1.0	ug/L	
Chloromethane	< 10.0	ug/L	
1,1-Dichloroethane	< 5.0	ug/L	
1,2-Dichloroethane	< 5.0	ug/L	
1,1-Dichloroethene	< 5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	ug/L	
1,2-Dichloropropane	< 5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
2-Hexanone	< 10.0	ug/L	
4-Methyl-2-pentanone	< 10.0	ug/L	
Methylene chloride	< 5.0	ug/L	
MTBE	< 5.0	ug/L	
Styrene	< 5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	ug/L	
Tetrachloroethene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	ug/L	
Trichloroethene	< 5.0	ug/L	
Vinyl Acetate	< 10.0	ug/L	
Vinyl Chloride	< 2.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.

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

Company Name: ENSR
Street Address: 27755 DIEHL RD.
City: WARRENVILLE State: IL Zip: 60555
Phone: 630-836-1700 Fax: 630-836-1711
Send Report To: RONN GREGOREK
Sampled By: ML

Project I.D.: 00760-399
P.O. #.:

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

Analyses: VOC, SVOC, Pb & Cr III + VI, ALCOHOLS

Date/Time Taken	Sample Description	Matrix	VOC	SVOC	Pb & Cr III + VI	ALCOHOLS					Comments	Lab I.D.
11/1/04 1195	MW-1	W	X	X	X	X						41178
1 1825	MW-4	1	1	1	1	1						179
1 1850	MW-14	1	1	1	1	1						180
	TRIP BLANK	1										181

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

Notes and Special Instructions: 5-7 DAY TAT

Relinquished By: [signature] Date/Time 11/1/04 1100 Received By: [signature] Date/Time 11/1/04 1100
Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____

First Environmental Laboratories, Inc.

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

November 10, 2004

Mr. Ronn Gregorek
ENSR
27755 Diehl Road
Warrenville, IL 60555

Project ID: 00760-B99
First Environmental File ID: 41021-45
Date Received: October 29th, 2004

Dear Mr. Gregorek:

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

All analyses were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, December 1996. The specific method references are listed on the Analytical Report. Results are reported on a dry weight basis per method protocols. Alcohol analysis was performed by Teklab, Inc of Collinsville, IL (IL ELAP 100226).

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

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

Sincerely,

Stan Zaworski
Project Manager

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41021	Date Taken:	10/28/04
Sample Description:	GP-6 (4')	Time Taken:	13:45
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	86.43	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41021	Date Taken:	10/28/04
Sample Description:	GP-6 (4')	Time Taken:	13:45
Lab File ID:	41021-45	Date Reported:	11/10/04

Base-Neutral Compounds Method 3540C/8270C

Preparation Date: 11/02/04
Analysis Date: 11/04/04

Analyte	Result	Units	Flags
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 330	ug/kg	
Dibenzofuran	< 90	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 330	ug/kg	
Diethylphthalate	< 660	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 330	ug/kg	
2,6-Dinitrotoluene	< 250	ug/kg	
Di-n-octylphthalate	< 260	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	
	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41021	Date Taken:	10/28/04
Sample Description:	GP-6 (4')	Time Taken:	13:45
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/02/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	17.4	mg/kg	11/04/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/04/04	7196A
Lead	11.1	mg/kg	11/04/04	3050B/6010B

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41022	Date Taken:	10/28/04
Sample Description:	GP-6 (8')	Time Taken:	13:50
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	85.56	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41022	Date Taken:	10/28/04
Sample Description:	GP-6 (8')	Time Taken:	13:50
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/02/04			
Analysis Date: 11/05/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41022	Date Taken:	10/28/04
Sample Description:	GP-6 (8')	Time Taken:	13:50
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/02/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41023	Date Taken:	10/28/04
Sample Description:	GP-7 (4')	Time Taken:	14:25
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	86.32	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41023	Date Taken:	10/28/04
Sample Description:	GP-7 (4')	Time Taken:	14:25
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/02/04			
Analysis Date: 11/05/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41023	Date Taken:	10/28/04
Sample Description:	GP-7 (4')	Time Taken:	14:25
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/02/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	17.3	mg/kg	11/04/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/04/04	7196A
Lead	9.8	mg/kg	11/04/04	3050B/6010B

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40781	Date Taken:	10/27/04
Sample Description:	GP-3 (3')	Time Taken:	14:45
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40781	Date Taken:	10/27/04
Sample Description:	GP-3 (3')	Time Taken:	14:45
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	28.1	mg/kg	11/03/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/03/04	7196A
Lead	18.6	mg/kg	11/03/04	3050B/6010B

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40782	Date Taken:	10/27/04
Sample Description:	GP-3 (8')	Time Taken:	15:00
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	83.95	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40782	Date Taken:	10/27/04
Sample Description:	GP-3 (8')	Time Taken:	15:00
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40782	Date Taken:	10/27/04
Sample Description:	GP-3 (8')	Time Taken:	15:00
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40783	Date Taken:	10/27/04
Sample Description:	GP-4 (3')	Time Taken:	13:00
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	85.79	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40783	Date Taken:	10/27/04
Sample Description:	GP-4 (3')	Time Taken:	13:00
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40783	Date Taken:	10/27/04
Sample Description:	GP-4 (3')	Time Taken:	13:00
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	19.0	mg/kg	11/03/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/03/04	7196A
Lead	9.3	mg/kg	11/03/04	3050B/6010B

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40784	Date Taken:	10/27/04
Sample Description:	GP-4 (8')	Time Taken:	13:10
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	84.39	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40784	Date Taken:	10/27/04
Sample Description:	GP-4 (8')	Time Taken:	13:10
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40784	Date Taken:	10/27/04
Sample Description:	GP-4 (8')	Time Taken:	13:10
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40785	Date Taken:	10/27/04
Sample Description:	GP-5 (3')	Time Taken:	13:50
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	81.05	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40785	Date Taken:	10/27/04
Sample Description:	GP-5 (3')	Time Taken:	13:50
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40785	Date Taken:	10/27/04
Sample Description:	GP-5 (3')	Time Taken:	13:50
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	27.9	mg/kg	11/03/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/03/04	7196A
Lead	16.2	mg/kg	11/03/04	3050B/6010B

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40786	Date Taken:	10/27/04
Sample Description:	GP-5 (8')	Time Taken:	14:00
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	85.66	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40786	Date Taken:	10/27/04
Sample Description:	GP-5 (8')	Time Taken:	14:00
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40786	Date Taken:	10/27/04
Sample Description:	GP-5 (8')	Time Taken:	14:00
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40787	Date Taken:	10/27/04
Sample Description:	GP-8 (3')	Time Taken:	16:25
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	86.38	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40787	Date Taken:	10/27/04
Sample Description:	GP-8 (3')	Time Taken:	16:25
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40787	Date Taken:	10/27/04
Sample Description:	GP-8 (3')	Time Taken:	16:25
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	18.0	mg/kg	11/03/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/03/04	7196A
Lead	11.9	mg/kg	11/03/04	3050B/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40788	Date Taken:	10/27/04
Sample Description:	GP-8 (8')	Time Taken:	16:30
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	86.02	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40788	Date Taken:	10/27/04
Sample Description:	GP-8 (8')	Time Taken:	16:30
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40788	Date Taken:	10/27/04
Sample Description:	GP-8 (8')	Time Taken:	16:30
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40789	Date Taken:	10/27/04
Sample Description:	GP-11 (3')	Time Taken:	15:25
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	86.31	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40789	Date Taken:	10/27/04
Sample Description:	GP-11 (3')	Time Taken:	15:25
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40789	Date Taken:	10/27/04
Sample Description:	GP-11 (3')	Time Taken:	15:25
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	18.9	mg/kg	11/03/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/03/04	7196A
Lead	11.1	mg/kg	11/03/04	3050B/6010B

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40790	Date Taken:	10/27/04
Sample Description:	GP-11 (8')	Time Taken:	15:35
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	84.26	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40790	Date Taken:	10/27/04
Sample Description:	GP-11 (8')	Time Taken:	15:35
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/03/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40790	Date Taken:	10/27/04
Sample Description:	GP-11 (8')	Time Taken:	15:35
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40791	Date Taken:	10/27/04
Sample Description:	GP-12 (4')	Time Taken:	11:50
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	82.41	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40791	Date Taken:	10/27/04
Sample Description:	GP-12 (4')	Time Taken:	11:50
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/01/04			
Analysis Date: 11/04/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40791	Date Taken:	10/27/04
Sample Description:	GP-12 (4')	Time Taken:	11:50
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	22.4	mg/kg	11/03/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/03/04	7196A
Lead	15.8	mg/kg	11/03/04	3050B/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40792	Date Taken:	10/27/04
Sample Description:	GP-12 (8')	Time Taken:	11:55
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	79.08	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40792	Date Taken:	10/27/04
Sample Description:	GP-12 (8')	Time Taken:	11:55
Lab File ID:	40777-99	Date Reported:	11/04/04

Base-Neutral Compounds Method 3540C/8270C

Preparation Date: 11/01/04
Analysis Date: 11/03/04

Analyte	Result	Units	Flags
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40792	Date Taken:	10/27/04
Sample Description:	GP-12 (8')	Time Taken:	11:55
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40793	Date Taken:	10/27/04
Sample Description:	GP-13 (3')	Time Taken:	11:20
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	84.22	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.
1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233
IL ELAP / NELAC Accreditation # 100292

Analytical Report

Client: ENSR
Project ID: 00760-B99
Sample Number: 40793
Sample Description: GP-13 (3')
Lab File ID: 40777-99

Date Received: 10/28/04
Date Taken: 10/27/04
Time Taken: 11:20
Date Reported: 11/04/04

Base-Neutral Compounds Method 3540C/8270C
Preparation Date: 11/01/04
Analysis Date: 11/03/04

Analyte	Result	Units	Flags
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 330	ug/kg	
Benzyl alcohol	< 90	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 330	ug/kg	
Dibenzofuran	< 90	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 330	ug/kg	
Diethylphthalate	< 660	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 330	ug/kg	
2,6-Dinitrotoluene	< 250	ug/kg	
Di-n-octylphthalate	< 260	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40793	Date Taken:	10/27/04
Sample Description:	GP-13 (3')	Time Taken:	11:20
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	20.4	mg/kg	11/03/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/03/04	7196A
Lead	18.3	mg/kg	11/03/04	3050B/6010B

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40794	Date Taken:	10/27/04
Sample Description:	GP-13 (8')	Time Taken:	11:25
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	84.95	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40794	Date Taken:	10/27/04
Sample Description:	GP-13 (8')	Time Taken:	11:25
Lab File ID:	40777-99	Date Reported:	11/04/04

Base-Neutral Compounds Method 3540C/8270C

Preparation Date: 11/01/04
Analysis Date: 11/03/04

Analyte	Result	Units	Flags
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40794	Date Taken:	10/27/04
Sample Description:	GP-13 (8')	Time Taken:	11:25
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 10/29/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/28/04
Sample Number:	40795	Date Taken:	10/27/04
Sample Description:	GP-14 (3')	Time Taken:	10:15
Lab File ID:	40777-99	Date Reported:	11/04/04

Analyte	Result	Units	Flags
Solids, Total	82.29	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41024	Date Taken:	10/28/04
Sample Description:	GP-7 (8')	Time Taken:	14:30
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	84.48	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41024	Date Taken:	10/28/04
Sample Description:	GP-7 (8')	Time Taken:	14:30
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/02/04			
Analysis Date: 11/05/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41024	Date Taken:	10/28/04
Sample Description:	GP-7 (8')	Time Taken:	14:30
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/02/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41025	Date Taken:	10/28/04
Sample Description:	GP-9 (4')	Time Taken:	14:50
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	86.98	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/04/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41025	Date Taken:	10/28/04
Sample Description:	GP-9 (4')	Time Taken:	14:50
Lab File ID:	41021-45	Date Reported:	11/10/04

Base-Neutral Compounds Method 3540C/8270C

Preparation Date: 11/02/04
Analysis Date: 11/05/04

Analyte	Result	Units	Flags
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41025	Date Taken:	10/28/04
Sample Description:	GP-9 (4')	Time Taken:	14:50
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/02/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	15.2	mg/kg	11/04/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/04/04	7196A
Lead	9.4	mg/kg	11/04/04	3050B/6010B

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41026	Date Taken:	10/28/04
Sample Description:	GP-9 (8')	Time Taken:	14:55
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/02/04			
Analysis Date: 11/05/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41026	Date Taken:	10/28/04
Sample Description:	GP-9 (8')	Time Taken:	14:55
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	84.13	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41026	Date Taken:	10/28/04
Sample Description:	GP-9 (8')	Time Taken:	14:55
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/02/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41027	Date Taken:	10/28/04
Sample Description:	GP-10 (4')	Time Taken:	09:35
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	89.02	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41027	Date Taken:	10/28/04
Sample Description:	GP-10 (4')	Time Taken:	09:35
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/02/04			
Analysis Date: 11/05/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41027	Date Taken:	10/28/04
Sample Description:	GP-10 (4')	Time Taken:	09:35
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/02/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	10.4	mg/kg	11/04/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/04/04	7196A
Lead	6.8	mg/kg	11/04/04	3050B/6010B

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41028	Date Taken:	10/28/04
Sample Description:	GP-10 (8')	Time Taken:	09:40
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	86.77	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41028	Date Taken:	10/28/04
Sample Description:	GP-10 (8')	Time Taken:	09:40
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/02/04			
Analysis Date: 11/05/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41028	Date Taken:	10/28/04
Sample Description:	GP-10 (8')	Time Taken:	09:40
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/02/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41029	Date Taken:	10/28/04
Sample Description:	GP-16 (5')	Time Taken:	11:35
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	86.85	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41029	Date Taken:	10/28/04
Sample Description:	GP-16 (5')	Time Taken:	11:35
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/02/04			
Analysis Date: 11/05/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41029	Date Taken:	10/28/04
Sample Description:	GP-16 (5')	Time Taken:	11:35
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/02/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	15.2	mg/kg	11/04/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/04/04	7196A
Lead	10.6	mg/kg	11/04/04	3050B/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41030	Date Taken:	10/28/04
Sample Description:	GP-16 (9')	Time Taken:	11:40
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	84.59	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41030	Date Taken:	10/28/04
Sample Description:	GP-16 (9')	Time Taken:	11:40
Lab File ID:	41021-45	Date Reported:	11/10/04

Base-Neutral Compounds Method 3540C/8270C

Preparation Date: 11/02/04
Analysis Date: 11/05/04

Analyte	Result	Units	Flags
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41030	Date Taken:	10/28/04
Sample Description:	GP-16 (9')	Time Taken:	11:40
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/02/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41031	Date Taken:	10/28/04
Sample Description:	GP-17 (4')	Time Taken:	12:15
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	85.75	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41031	Date Taken:	10/28/04
Sample Description:	GP-17 (4')	Time Taken:	12:15
Lab File ID:	41021-45	Date Reported:	11/10/04

Base-Neutral Compounds Method 3540C/8270C

Preparation Date: 11/02/04
Analysis Date: 11/05/04

Analyte	Result	Units	Flags
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41031	Date Taken:	10/28/04
Sample Description:	GP-17 (4')	Time Taken:	12:15
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	16.2	mg/kg	11/04/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/04/04	7196A
Lead	9.8	mg/kg	11/04/04	3050B/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41032	Date Taken:	10/28/04
Sample Description:	GP-17 (8')	Time Taken:	12:20
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	85.04	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41032	Date Taken:	10/28/04
Sample Description:	GP-17 (8')	Time Taken:	12:20
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/02/04			
Analysis Date: 11/05/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41032	Date Taken:	10/28/04
Sample Description:	GP-17 (8')	Time Taken:	12:20
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41033	Date Taken:	10/28/04
Sample Description:	GP-19 (4')	Time Taken:	13:20
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	81.84	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	10.4	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41033	Date Taken:	10/28/04
Sample Description:	GP-19 (4')	Time Taken:	13:20
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/02/04			
Analysis Date: 11/05/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41033	Date Taken:	10/28/04
Sample Description:	GP-19 (4')	Time Taken:	13:20
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	25.6	mg/kg	11/04/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/04/04	7196A
Lead	16.8	mg/kg	11/04/04	3050B/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41034	Date Taken:	10/28/04
Sample Description:	GP-19 (8')	Time Taken:	13:25
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	86.14	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41034	Date Taken:	10/28/04
Sample Description:	GP-19 (8')	Time Taken:	13:25
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/02/04			
Analysis Date: 11/05/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41034	Date Taken:	10/28/04
Sample Description:	GP-19 (8')	Time Taken:	13:25
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41035	Date Taken:	10/28/04
Sample Description:	GP-20 (2')	Time Taken:	09:00
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	86.24	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41035	Date Taken:	10/28/04
Sample Description:	GP-20 (2')	Time Taken:	09:00
Lab File ID:	41021-45	Date Reported:	11/10/04

Base-Neutral Compounds Method 3540C/8270C

Preparation Date: 11/02/04
Analysis Date: 11/05/04

Analyte	Result	Units	Flags
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41035	Date Taken:	10/28/04
Sample Description:	GP-20 (2')	Time Taken:	09:00
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	18.5	mg/kg	11/04/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/04/04	7196A
Lead	11.4	mg/kg	11/04/04	3050B/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41036	Date Taken:	10/28/04
Sample Description:	GP-20 (4')	Time Taken:	09:00
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	84.03	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41036	Date Taken:	10/28/04
Sample Description:	GP-20 (4')	Time Taken:	09:00
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/02/04			
Analysis Date: 11/05/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41036	Date Taken:	10/28/04
Sample Description:	GP-20 (4')	Time Taken:	09:00
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41037	Date Taken:	10/28/04
Sample Description:	GP-21 (2')	Time Taken:	08:40
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	81.28	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41037	Date Taken:	10/28/04
Sample Description:	GP-21 (2')	Time Taken:	08:40
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/02/04			
Analysis Date: 11/05/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41037	Date Taken:	10/28/04
Sample Description:	GP-21 (2')	Time Taken:	08:40
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	19.7	mg/kg	11/04/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/04/04	7196A
Lead	13.8	mg/kg	11/04/04	3050B/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41038	Date Taken:	10/28/04
Sample Description:	GP-21 (4')	Time Taken:	08:40
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	85.04	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41038	Date Taken:	10/28/04
Sample Description:	GP-21 (4')	Time Taken:	08:40
Lab File ID:	41021-45	Date Reported:	11/10/04

Base-Neutral Compounds Method 3540C/8270C

Preparation Date: 11/02/04
Analysis Date: 11/05/04

Analyte	Result	Units	Flags
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41038	Date Taken:	10/28/04
Sample Description:	GP-21 (4')	Time Taken:	08:40
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41039	Date Taken:	10/28/04
Sample Description:	GP-22 (4')	Time Taken:	08:20
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	86.66	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41039	Date Taken:	10/28/04
Sample Description:	GP-22 (4')	Time Taken:	08:20
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/04/04			
Analysis Date: 11/04/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41039	Date Taken:	10/28/04
Sample Description:	GP-22 (4')	Time Taken:	08:20
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	25.6	mg/kg	11/04/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/04/04	7196A
Lead	15.9	mg/kg	11/04/04	3050B/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41040	Date Taken:	10/28/04
Sample Description:	GP-23 (5')	Time Taken:	10:10
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	85.75	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41040	Date Taken:	10/28/04
Sample Description:	GP-23 (5')	Time Taken:	10:10
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/04/04			
Analysis Date: 11/04/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41040	Date Taken:	10/28/04
Sample Description:	GP-23 (5')	Time Taken:	10:10
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	19.5	mg/kg	11/04/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/04/04	7196A
Lead	12.7	mg/kg	11/04/04	3050B/6010B

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41041	Date Taken:	10/28/04
Sample Description:	GP-23 (9')	Time Taken:	10:20
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	84.92	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41041	Date Taken:	10/28/04
Sample Description:	GP-23 (9')	Time Taken:	10:20
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/04/04			
Analysis Date: 11/04/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41041	Date Taken:	10/28/04
Sample Description:	GP-23 (9')	Time Taken:	10:20
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41042 24	Date Taken:	10/28/04
Sample Description:	GP-~~23~~ (5')	Time Taken:	10:10
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	82.15	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41042 24	Date Taken:	10/28/04
Sample Description:	GP-~~23~~ (5')	Time Taken:	10:10
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Base-Neutral Compounds Method 3540C/8270C			
Preparation Date: 11/04/04			
Analysis Date: 11/04/04			
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41042 24	Date Taken:	10/28/04
Sample Description:	GP-~~23~~ (5')	Time Taken:	10:10
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

Analyte	Result	Units	Date Analyzed	Method
Chromium	17.5	mg/kg	11/04/04	3050B/6010B
Chromium, hexavalent	<2.5	mg/kg	11/04/04	7196A
Lead	9.6	mg/kg	11/04/04	3050B/6010B

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41043	Date Taken:	10/28/04
Sample Description:	GP-24 (9')	Time Taken:	10:5
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Solids, Total	84.48	%	
Volatile Organic Compounds Method 5035A/8260B			
Analysis Date: 11/05/04			
Acetone	< 10.0	ug/kg	
Benzene	< 5.0	ug/kg	
Bromodichloromethane	< 5.0	ug/kg	
Bromoform	< 5.0	ug/kg	
Bromomethane	< 10.0	ug/kg	
2-Butanone	< 10.0	ug/kg	
Carbon disulfide	< 5.0	ug/kg	
Carbon tetrachloride	< 5.0	ug/kg	
Chlorobenzene	< 5.0	ug/kg	
Chlorodibromomethane	< 5.0	ug/kg	
Chloroethane	< 10.0	ug/kg	
Chloroform	< 5.0	ug/kg	
Chloromethane	< 10.0	ug/kg	
1,1-Dichloroethane	< 5.0	ug/kg	
1,2-Dichloroethane	< 5.0	ug/kg	
1,1-Dichloroethene	< 5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	ug/kg	
1,2-Dichloropropane	< 5.0	ug/kg	
cis-1,3-Dichloropropene	< 5.0	ug/kg	
trans-1,3-Dichloropropene	< 5.0	ug/kg	
Ethyl benzene	< 5.0	ug/kg	
2-Hexanone	< 10.0	ug/kg	
4-Methyl-2-pentanone	< 10.0	ug/kg	
Methylene chloride	< 5.0	ug/kg	
MTBE	< 5.0	ug/kg	
Styrene	< 5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	ug/kg	
Tetrachloroethene	< 5.0	ug/kg	
Toluene	< 5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	ug/kg	
Trichloroethene	< 5.0	ug/kg	
Vinyl Acetate	< 10.0	ug/kg	
Vinyl Chloride	< 10.0	ug/kg	
Xylenes (total)	< 5.0	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41043	Date Taken:	10/28/04
Sample Description:	GP-24 (9')	Time Taken:	10:5
Lab File ID:	41021-45	Date Reported:	11/10/04

Base-Neutral Compounds Method 3540C/8270C

Preparation Date: 11/04/04
Analysis Date: 11/04/04

Analyte	Result	Units	Flags
Acenaphthene	< 330	ug/kg	
Acenaphthylene	< 330	ug/kg	
Anthracene	< 330	ug/kg	
Benzidine	< 330	ug/kg	
Benzo[a]anthracene	< 330	ug/kg	
Benzo[b]fluoranthene	< 330	ug/kg	
Benzo[k]fluoranthene	< 330	ug/kg	
Benzo[g,h,i]perylene	< 330	ug/kg	
Benzo[a]pyrene	< 90	ug/kg	
Benzyl alcohol	< 330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	ug/kg	
bis(2-Chloroethyl)ether	< 330	ug/kg	
bis(2-chloroisopropyl)ether	< 330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	ug/kg	
4-Bromophenyl-phenylether	< 330	ug/kg	
Butylbenzylphthalate	< 330	ug/kg	
Carbazole	< 330	ug/kg	
4-Chloroaniline	< 330	ug/kg	
2-Chloronaphthalene	< 330	ug/kg	
4-Chlorophenyl-phenylether	< 330	ug/kg	
Chrysene	< 330	ug/kg	
Dibenz[a,h]anthracene	< 90	ug/kg	
Dibenzofuran	< 330	ug/kg	
1,2-Dichlorobenzene	< 330	ug/kg	
1,3-Dichlorobenzene	< 330	ug/kg	
1,4-Dichlorobenzene	< 330	ug/kg	
3,3'-Dichlorobenzidine	< 660	ug/kg	
Diethylphthalate	< 330	ug/kg	
Dimethylphthalate	< 330	ug/kg	
Di-n-butylphthalate	< 330	ug/kg	
2,4-Dinitrotoluene	< 250	ug/kg	
2,6-Dinitrotoluene	< 260	ug/kg	
Di-n-octylphthalate	< 330	ug/kg	
Fluoranthene	< 330	ug/kg	
Fluorene	< 330	ug/kg	
Hexachlorobenzene	< 330	ug/kg	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41043	Date Taken:	10/28/04
Sample Description:	GP-24 (9')	Time Taken:	10:5
Lab File ID:	41021-45	Date Reported:	11/10/04

Analyte	Result	Units	Flags
Hexachlorobutadiene	< 330	ug/kg	
Hexachlorocyclopentadiene	< 330	ug/kg	
Hexachloroethane	< 330	ug/kg	
Indeno[1,2,3-cd]pyrene	< 330	ug/kg	
Isophorone	< 330	ug/kg	
2-Methylnaphthalene	< 330	ug/kg	
Naphthalene	< 330	ug/kg	
2-Nitroaniline	< 1600	ug/kg	
3-Nitroaniline	< 1600	ug/kg	
4-Nitroaniline	< 1600	ug/kg	
Nitrobenzene	< 260	ug/kg	
N-Nitrosodimethylamine	< 330	ug/kg	
N-Nitroso-di-n-propylamine	< 330	ug/kg	
n-Nitrosodiphenylamine	< 330	ug/kg	
Phenanthrene	< 330	ug/kg	
Pyrene	< 330	ug/kg	
1,2,4-Trichlorobenzene	< 330	ug/kg	

Alcohol Method 8015B
Analysis Date: 11/08/04

Methyl Alcohol	< 30,000	ug/kg
Ethyl Alcohol	< 30,000	ug/kg
Isopropyl Alcohol	< 10,000	ug/kg
n-Butyl Alcohol	< 10,000	ug/kg

First
Environmental
Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41044	Date Taken:	N/A
Sample Description:	Trip Blank #1	Time Taken:	N/A
Lab File ID:	41021-45	Date Reported:	11/10/04

Volatile Organic Compounds Method 5030B/8260B
Analysis Date: 11/03/04

Analyte	Result	Units	Flags
Acetone	< 10.0	ug/L	
Benzene	< 5.0	ug/L	
Bromodichloromethane	< 1.0	ug/L	
Bromoform	< 1.0	ug/L	
Bromomethane	< 5.0	ug/L	
2-Butanone	< 10.0	ug/L	
Carbon disulfide	< 5.0	ug/L	
Carbon tetrachloride	< 5.0	ug/L	
Chlorobenzene	< 5.0	ug/L	
Chlorodibromomethane	< 1.0	ug/L	
Chloroethane	< 10.0	ug/L	
Chloroform	< 1.0	ug/L	
Chloromethane	< 10.0	ug/L	
1,1-Dichloroethane	< 5.0	ug/L	
1,2-Dichloroethane	< 5.0	ug/L	
1,1-Dichloroethene	< 5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	ug/L	
1,2-Dichloropropane	< 5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
2-Hexanone	< 10.0	ug/L	
4-Methyl-2-pentanone	< 10.0	ug/L	
Methylene chloride	< 5.0	ug/L	
MTBE	< 5.0	ug/L	
Styrene	< 5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	ug/L	
Tetrachloroethene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	ug/L	
Trichloroethene	< 5.0	ug/L	
Vinyl Acetate	< 10.0	ug/L	
Vinyl Chloride	< 2.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

First Environmental Laboratories, Inc.

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

Analytical Report

Client:	ENSR		
Project ID:	00760-B99	Date Received:	10/29/04
Sample Number:	41045	Date Taken:	N/A
Sample Description:	Trip Blank #2	Time Taken:	N/A
Lab File ID:	41021-45	Date Reported:	11/10/04

Volatile Organic Compounds Method 5030B/8260B
Analysis Date: 11/03/04

Analyte	Result	Units	Flags
Acetone	< 10.0	ug/L	
Benzene	< 5.0	ug/L	
Bromodichloromethane	< 1.0	ug/L	
Bromoform	< 1.0	ug/L	
Bromomethane	< 5.0	ug/L	
2-Butanone	< 10.0	ug/L	
Carbon disulfide	< 5.0	ug/L	
Carbon tetrachloride	< 5.0	ug/L	
Chlorobenzene	< 5.0	ug/L	
Chlorodibromomethane	< 1.0	ug/L	
Chloroethane	< 10.0	ug/L	
Chloroform	< 1.0	ug/L	
Chloromethane	< 10.0	ug/L	
1,1-Dichloroethane	< 5.0	ug/L	
1,2-Dichloroethane	< 5.0	ug/L	
1,1-Dichloroethene	< 5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	ug/L	
1,2-Dichloropropane	< 5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	ug/L	
Ethyl benzene	< 5.0	ug/L	
2-Hexanone	< 10.0	ug/L	
4-Methyl-2-pentanone	< 10.0	ug/L	
Methylene chloride	< 5.0	ug/L	
MTBE	< 5.0	ug/L	
Styrene	< 5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	ug/L	
Tetrachloroethene	< 5.0	ug/L	
Toluene	< 5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	ug/L	
Trichloroethene	< 5.0	ug/L	
Vinyl Acetate	< 10.0	ug/L	
Vinyl Chloride	< 2.0	ug/L	
Xylenes (total)	< 5.0	ug/L	

First Environmental Laboratories, Inc.

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

Company Name: ENSR
Street Address: 27755 DIEHL RD.
City: WARRENVILLE State: IL Zip: 60555
Phone: 630-836-1700 Fax: 630-836-1711
Send Report To: RONN GREGOREK
Sampled By: ML

Project I.D.: 00760-B99
P.O. #.:

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

Analyses

Date/Time Taken	Sample Description	Matrix	VOC	SVOC	Pb & Cr & ALCOHOLS						Comments	Lab I.D.
10/28/04 1345	GP-6 (4')	S	X	X	X	X						41021
1350	GP-6 (8')											22
1425	GP-7 (4')				X							23
1430	GP-7 (8')											24
1450	GP-9 (4')				X							25
1455	GP-9 (8')											26
0935	GP-10 (4')				X							27
0940	GP-10 (8')											28
1135	GP-16 (5')				X							29
1140	GP-16 (9')											30
1215	GP-17 (4')				X							31
1270	GP-17 (8')											32

Cooler Temperature: Ice <6 °C
Received within 6 hrs. of collection: _____

Notes and Special Instructions: _____

Relinquished By: Arline Clark Date/Time 10-29-04 0880 Received By: [signature] Date/Time 10-29-04 0830
Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____

CHAIN OF CUSTODY RECORD

Page ___ of ___ pgs

First Environmental Laboratories, Inc.

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

Company Name: ENSR
Street Address: 27755 DIEHL RD.
City: WARRENVILLE State: IL Zip: 60555
Phone: 630-836-1700 Fax: 630-836-1711
Send Report To: RONN GREGOTZEK
Sampled By: ML

Project I.D.: 00760-B99
P.O. #.:

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

Analyses: VOC, SVOC, PS & LF, ALCOHOLS

Date/Time Taken		Sample Description	Matrix	VOC	SVOC	PS & LF	ALCOHOLS					Comments	Lab I.D.
10/28/04	1320	GP-19 (4')	S	X	X	X	X						41033
	1325	GP-19 (8')											34
	0900	GP-20 (2')				X							35
	0900	~~GP-20~~ GP-20 (4')											36
	0840	GP-21 (2')				X							37
	0840	GP-21 (4')											38
	0820	GP-22 (4')				X							39
	1010	GP-23 (5')				X							40
	1020	GP-23 (9')											41
	1045	GP-24 (5')				X							42
	1055	GP-24 (9')											43
		TRIP BLANK XZ #1	W	X									44
		Trip blank #2	W	X									45

Cooler Temperature: 26 Ice °C
Received within 6 hrs. of collection: _____

Notes and Special Instructions: _____

Relinquished By: Arline Clark Date/Time 10-29-04 0830 Received By: [signature] Date/Time 10-29-04 0830
Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____