LIMITED SITE INVESTIGATION
MOLINE AUTOMOTIVE
1311 4th AVENUE, MOLINE, ILLINOIS
USEPA BROWNFIELDS HAZARDOUS SUBSTANCES ASSESSMENT GRANT
(MAY 2006)

USEPA Cooperative Agreement No. BF-00E02901
Terracon Project No. 07067060
August 27, 2010

Prepared for:

CITY OF MOLINE
Moline, Illinois

Prepared by:

Terracon

BETTENDORF, IOWA

Terracon

Form 101—1-87

Terracon

August 27, 2010

Mr. Patrick Burke
Economic Development Manager
City of Moline
619 16th Street
Moline, Illinois 61265

Re: Limited Site Investigation
Moline Automotive
1311 4th Avenue, Moline, Illinois
USEPA Brownfields Hazardous Substances Assessment Grant (May 2006)
USEPA Cooperative Agreement No. BF-00E02901
Terracon Project No. 07067060

Dear Mr. Burke:

Terracon is pleased to submit this Limited Site Investigation (LSI) report for the Moline Automotive site located at 1311 4th Avenue, Moline, Illinois.

This LSI report presents and evaluates data from recent field activities including the completion of soil borings and the collection of water samples for chemical analyses. Terracon conducted field activities in compliance with plans developed specifically for the Project. Specifically, these plans were as follows.

- *Generic Quality Assurance Project Plan (QAPP),* dated February 20, 2007, approved by EPA 5 on June 28, 2007.
- *Property-Specific Sampling and Analysis Checklist* dated June 18, 2010, approved by EPA 5 on June 23, 2010.

The LSI provides preliminary intrusive information specific to the needs of the City of Moline as part of determining redevelopment potential of the site. Although the report refers to state-level programs, the LSI is not a part of any Illinois regulatory program. This document is public information due to USEPA funding and may be used by private owners or the public.

Sincerely,
TERRACON CONSULTANTS, INC.

Kathleen E. Fogt
for Mark R. Wilson
Project Engineer

John F. Brimeyer
John F. Brimeyer, PE, REM
Project Manager

Distribution per Section 1.2 of the QAPP

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ACRONYMS AND ABBREVIATIONS

ATSDR ..... Agency for Toxic Substances and Disease Registry
bgs ..... below ground surface
BTEX ..... Benzene, Toluene, Ethylbenzene, and Xylenes
CERCLA ..... Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS ..... Comprehensive Environmental Response, Compensation, ... and Liability Information System
Checklist ..... Property-Specific Sampling and Analysis Checklist
City ..... City of Moline
CWS ..... Community Water Supply
EPA 5 ..... United States Environmental Protection Agency Region 5
EQL ..... Estimated Quantitation Limit
ESA ..... Environmental Site Assessment
ESC ..... Environmental Science Corporation, Mt. Juliet, Tennessee
eV ..... electron-volt
FEMA ..... Federal Emergency Management Agency
GIS ..... Geographical Information System
GRO ..... Groundwater Remediation Objective
IAC ..... Illinois Administrative Code
IEPA ..... Illinois Environmental Protection Agency
ISGS ..... Illinois State Geological Survey
LSI ..... Limited Site Investigation
LUST ..... Leaking Underground Storage Tank
MDL ..... Method Detection Limit
NELAC ..... National Environmental Laboratory Accreditation Conference
mg/kg ..... milligrams per kilogram, generally equivalent to ppm
mg/L ..... milligrams per liter, generally equivalent to ppm
NFR ..... No Further Remediation
PAH ..... Polycyclic Aromatic Hydrocarbon
PE ..... Professional Engineer
PID ..... Photoionization Detector
ppm ..... parts per million
PVC ..... Polyvinyl Chloride
QA ..... Quality Assurance
QAPP ..... Generic Quality Assurance Project Plan
QC ..... Quality Control
RA ..... Remedial Applicant
RCRA ..... Resource Conservation and Recovery Act
REC ..... Recognized Environmental Condition
RO ..... Remedial Objective
RPD ..... Relative Percent Difference
SRO ..... Soil Remedial Objective
SRP ..... Site Remediation Program
SVOC ..... Semi-Volatile Organic Compound
SWAP ..... Source Water Assessment Program
TACO ..... Tiered Approach to Corrective Action Objectives
TestAmerica ..... TestAmerica, Inc, Cedar Falls, Iowa
TSOP ..... Terracon Standard Operating Procedure-Bettendorf Office
USEPA ..... United States Environmental Protection Agency
USGS ..... United States Geological Survey
UST ..... Underground Storage Tank
VOC ..... Volatile Organic Compound

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USEPA Cooperative Agreement No. BF-00E02901
Terracon Project No. 07067060
August 27, 2010

1.0 INTRODUCTION

The USEPA awarded the City of Moline a Brownfields Assessment Grant to help address the adverse impacts associated with a number of Brownfield properties located in Moline, Illinois. The purpose of the Project is to promote area development and commercial activity. This LSI is part of the City's evaluation of redevelopment feasibility.

The following sequential decision elements are necessary to determine feasibility for redevelopment.

- Does the potential for environmental impairment implied by site conditions exist?
- If identified, has a potential actually resulted in environmental impairment?
- If impaired, does the degree of impairment negatively affect the feasibility for redevelopment of the property?

1.1 Purpose

The purpose of the Project is to provide a mechanism to supplement existing efforts to evaluate parcels for redevelopment and stimulate economic reuse of Brownfield properties in Moline, Illinois.

1.2 Background

On June 28, 2007, Terracon submitted the QAPP for the Project. This document provides a baseline for planning and implementation of Phase II ESAs and evaluation activities. EPA 5 approved the QAPP on June 28, 2007.

A Phase I ESA dated January 25, 2010 was completed by Terracon. The Phase I ESA identified RECs and environmental concerns for the site.

On June 18, 2010, Terracon submitted a Property-Specific Sampling and Analysis Checklist. This document guides the assessment of the site using the procedures documented in the QAPP. EPA 5 approved the Checklist on June 23, 2010.

1.3 Historical Site Information

The Phase I ESA for this property, dated January 25, 2010, did not identify conditions of imminent hazard to public health or the environment. A cursory summary of the RECs from the Phase I ESA is provided as follows.

- REC1 – One existing underground hydraulic lift and indications of one former underground hydraulic lift were observed inside of the existing building.

- REC2 –Three automobile engines and ten empty 55-gallon drums were observed in a fenced area on the north side of the existing building.

- REC3 – Review of historical fire insurance maps in conjunction with Phase I ESA activities indicated that Illinois Oil Company was located on-site in 1950. The 1950 Sanborn Map depicts six on-site gasoline tanks. Illinois Oil Company is described by the 1950 Sanborn Map as a filling station and warehouse.

- REC4 – A filling station and an automobile sales and service facility are depicted in the same building at the southeast corner of 4th Avenue and 14th Street from at least 1950 until the last available Sanborn map in 1970. There were two gasoline tanks associated with the former filling station.

- REC5 – To the south of the site, two automobile sales and repair facilities were depicted in Sanborn Maps from approximately 1906 until the last available Sanborn Map in 1970. One of the automobile sales and repair facilities is depicted with a gasoline tank.

This LSI evaluated if the RECs have resulted in actual environmental impairment. This was accomplished through sampling and testing of soil and groundwater using a judgmental sampling design approved by EPA 5. Laboratory analyses of samples measured chemicals in soil and groundwater above laboratory reporting limits.

Measurement of chemicals does not mean excess chemical risk is present for public health or the environment. The concentration of a chemical, the chemical's ability to do harm, the degree to which the public could be exposed to the chemical, and the degree to which the public requires protection determine if measured chemicals are at "safe" levels. These factors vary significantly with different types of land use (e.g., less chemical is acceptable for residential or family land use than is considered "safe" for industrial land use). In considering the feasibility of redeveloping a Brownfield, the future land use is typically not yet known; however for this site it is understood that the site will continue as light industrial use. This LSI must consider proposed future land uses and present possible planning considerations to remedy chemical impairment accordingly.

1.4 Principal User

The City of Moline is the principal end user of this information. Although the report is available for review by the public, further reliance by others is beyond the scope of the Grant and USEPA funding.

The City of Moline will make primary use of the data to aid in decision-making relative to considering properties for redevelopment. The data will not constitute the sole or final factor in the positive or negative feasibility determination for redevelopment. It is anticipated that this LSI is for preliminary characterization and, if needed, will be used as the basis for secondary phases of remedial investigation.

The information contained in this report is for the sole benefit of the City of Moline in determining feasibility for redevelopment and restoration of the property. The information and funding expended to produce it does not provide windfall or extraneous benefits to property owners.

1.5 Reliance

This report is intended for the use of City of Moline as the principal end user of this information. Although the report is available for review by the public, further reliance by others is beyond the scope of the grant and USEPA funding. Use or reliance by any other party is prohibited without the written authorization of the City of Moline and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and Terracon's Agreement for Services. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

The information contained in this report is for the sole benefit of the City of Moline in determining feasibility for redevelopment and restoration of the property. The information and funding expended to produce it does not provide windfall or extraneous benefits to property owners.

The Scope of Services performed during this investigation may not be appropriate for other users, and any use or re-use of this document, or the findings, conclusions, or recommendations presented herein are at the sole risk of said user. Pursuant to ASTM 1527-05, reliance on this report is limited to 180 days from the issuance date of this report.

2.0 PROPERTY DESCRIPTION

2.1 Site Location

The site is located within the southwest quarter of Section 32, Township 18 North, Range 1 West in Moline, Rock Island County, Illinois. The site consists of one building occupied by Moline Automotive, a general automotive repair and maintenance facility. The property is located on the northeast corner of 4th Avenue and 13th Street. Figure 1 in Appendix A depicts the site's location on a portion of the USGS 7.5 minute topographic series topographic map for the area.

2.2 Natural Setting

2.2.1 Flood Plains

The site is Zoned X and AE by the FEMA Agency Flood Insurance Rate map, Community Panel Number 17161C0120E, dated October 18, 2002. Areas located within Zone X are described as areas within the 500-year flood zone; areas of 100-year flood with average depths of less than one foot or with drainage areas less than one square mile; and areas protected by levees from 100-year flood. Areas located with Zone AE are areas denoted as special flood hazard areas inundated by 100-year flood with base flood elevations determined.

2.2.2 Soil Conditions

According to the Soil Survey of Rock Island County published by the United States Department of Agriculture Soil Conservation Services, the soils at the site are classified as Orthents, loamy, undulating. Orthents series are typically exceedingly shallow soils and are somewhat poorly drained.

2.2.3 Geologic Conditions

According to the Geologic Map of Illinois published by the Illinois Geological Survey (1967), the site is underlain by the Cedar Valley Limestone formation. The Cedar Valley formation consists of highly fossiliferous, crystalline, light gray limestone with occasional fine-grained, argillaceous shaly zones and sandstone.

2.2.4 Hydrogeologic Conditions

The general surface topography of the site and land surrounding the property is flat and sloping slightly in a north/northwesterly direction. The estimated groundwater gradient is in a north direction toward the Mississippi River.

2.2.5 Surface Water

Surface water features do not adjoin the subject site. The nearest surface water is the Mississippi River, located approximately 900 feet north of the site. Surface topography of the site and the area is generally flat. Regionally, topography slopes towards the river.

2.2.6 Potable Water Supply and Well Survey

According to the IEPA SWAP fact sheet for Moline (Facility ID No. 1610450), potable water to the remediation site is supplied by the City. Moline obtains its water from the Mississippi River through one surface water intake (IEPA #31943). The supply provides an average of 5.3 million gallons per day to 18,200 service connections with an estimated population of 43,768 persons in Rock Island County. Moline is interconnected with the Cities of East Moline (Facility ID No. 1610250) and Rock Island (Facility ID No. 1610650) to allow for mutual aid in the event of a water supply emergency.

The City has also established Ordinance No. 3022-2010, which prohibits the installation of potable wells within the municipal limits. According to its website, the IEPA has reviewed and approved the ordinance, and a memorandum of agreement is not required. Appendix C contains a reproduction of the ordinance.

Terracon also performed a search of the IEPA SWAP GIS database. The database includes information compiled from ISWS and ISGS databases. The search indicated that the following were not present at or near the site.

- Regulated Recharge Areas
- Class III Groundwater
- Non-CWS Phase I Wellhead Protection Areas
- Non-CWS Wells
- CWS Phase II Wellhead Protection Areas
- CWS wells
- Adopted Maximum Setback Zones

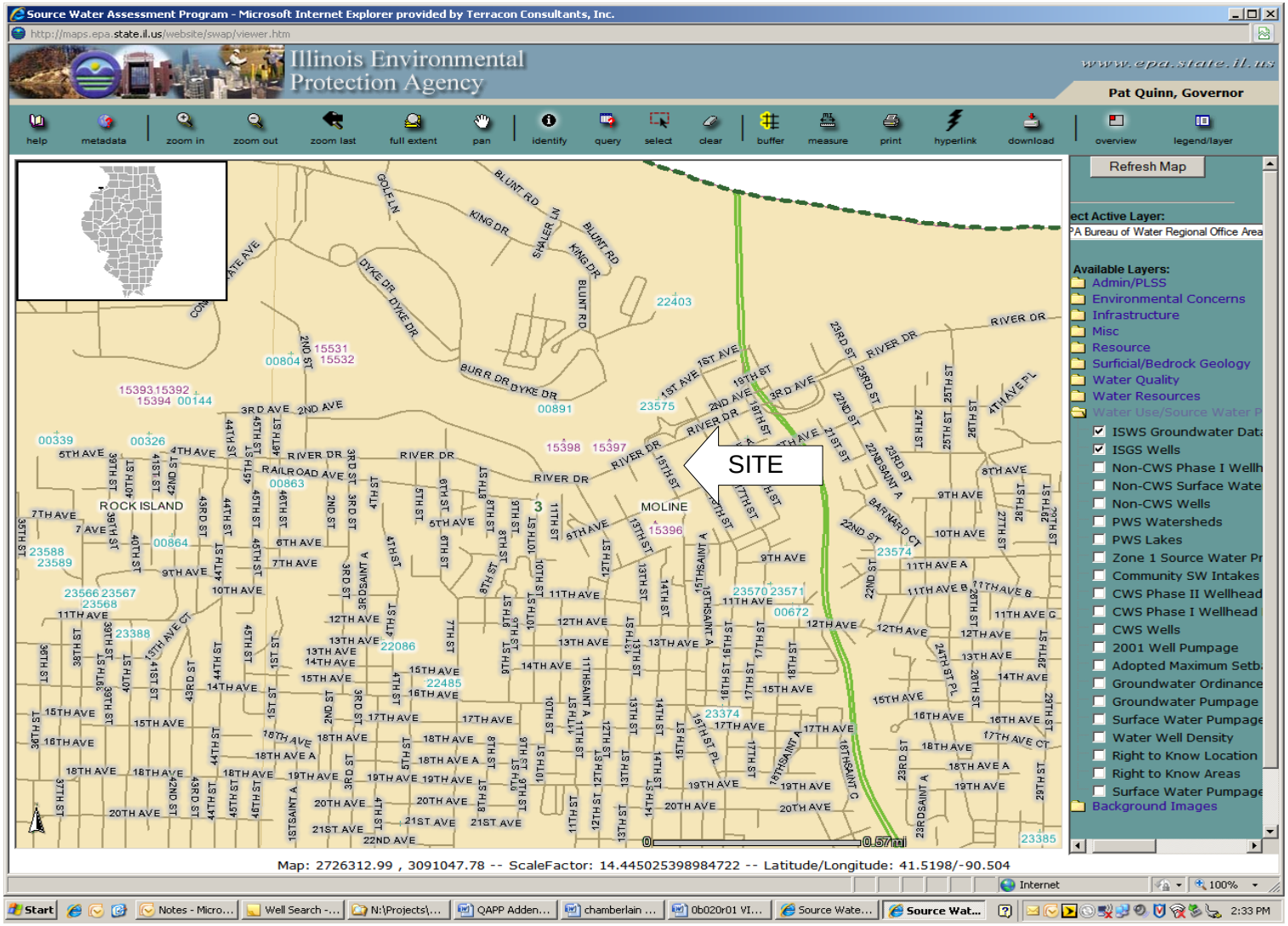
A CWS Phase I Wellhead Protection Area was identified 1.47 miles northwest of the site located on North Avenue between East Avenue and Gillispie Avenue. The IEPA SWAP GIS database plotted the closest ISGS well east of the site, near the intersection of 16th Street and 5th Avenue (Well Number 00865).

Table 2-1 Well Survey Information

Well Number	Owner	Active?	Distance/Direction From Site	Direction With Respect to On-Site Groundwater Flow Direction
00865	Unknown	Unknown	1,003 feet east	Crossgradient
23575	16th Street Viaduct	Unknown	1,267 feet northeast	Downgradient
00891	Rock Island National Cemetery	Unknown	1,690 feet northwest	Crossgradient
00328	Unknown	Unknown	1,795 feet east	Crossgradient
23570 23571	Illinois Department of Transportation	Unknown	2,956 feet southeast	Upgradient
00672	High Rise Housing	Unknown	3,115 feet southeast	Upgradient
22403	Rock Island Arsenal	Unknown	3,115 feet north	Downgradient
23374	15th Street Water Tower	Unknown	3,538 feet southeast	Upgradient
22481 - 22485	Quint Cities Petroleum	Unknown	4,171 feet southwest	Upgradient
22086	Frutiger, Richard	Unknown	4,382 feet southwest	Upgradient
00863	Fiems, Joe	Unknown	4,752 feet west	Crossgradient
23393	Unknown	Unknown	4,963 feet southwest	Upgradient
00804	Republic Iron and Steel	Unknown	5,386 feet northwest	Crossgradient
00144	Service Ice & Cold	Unknown	6,336 feet west	Crossgradient

Based on the well survey information, the remediation site is not located within the regulated setback zone of a well.[1] The following page is a screen capture of the SWAP GIS information.

[1] *The minimum setback zone in Illinois is 200 feet, unless the well is a Community Water Supply well tapping certain vulnerable geologic formations.*


Source Water Assessment Program - Microsoft Internet Explorer provided by Terracon Consultants, Inc.
http://maps.epa.state.il.us/website/swap/viewer.htm
Illinois Environmental Protection Agency
www.epa.state.il.us
Pat Quinn, Governor
help
metadata
zoom in
zoom out
zoom last
full extent
pan
identify
query
select
clear
buffer
measure
print
hyperlink
download
overview
legend/layer
Refresh Map
Available Layers:
Admin/PLSS
Environmental Concerns
Infrastructure
Misc
Resource
Surficial/Bedrock Geology
Water Quality
Water Resources
ISWS Groundwater Data
ISGS Wells
Non-CWS Phase I Wellh
Non-CWS Surface Wate
Non-CWS Wells
PWS Watersheds
PWS Lakes
Zone 1 Source Water Pr
Community SW Intakes
CWS Phase II Wellhead
CWS Phase I Wellhead
CWS Wells
2001 Well Pumpage
Adopted Maximum Setb
Groundwater Ordinance
Groundwater Pumpage
Surface Water Pumpage
Water Well Density
Right to Know Location
Right to Know Areas
Surface Water Pumpage
Background Images
SITE
ROCK ISLAND
MOLINE
RIVER DR
Map: 2726312.99 , 3091047.78 -- ScaleFactor: 14.445025398984722 -- Latitude/Longitude: 41.5198/-90.504
Internet
100%
Start
2:33 PM

2.2.7 Migration Pathways and Exposure Routes

The identified RECs for the site consist of on-site and off-site sources. Environmental impairment from off-site sources would be expected to occur as a result of groundwater migration. Environmental impairment from on-site sources is expected to occur as a result of a release which would impact subsurface soils and could leach downward to the water table. As such, the groundwater ingestion pathway, soil ingestion pathway, soil inhalation pathway, and the soil component of the groundwater ingestion pathway are the applicable exposure routes for evaluation.

2.2.8 Current and Post-Remediation Land Use

As shown on Figure 2 in Appendix A, current land use of the remediation site is a commercial automotive repair facility. The site has been developed since at least 1886 with uses as a train station and various automotive repair facilities. It is understood that the site and vicinity are to remain as commercial development areas.

3.0 LIMITED SITE INVESTIGATION

Terracon completed the following tasks.

- Terracon advanced six soil borings (B-1 through B-6) to depths of approximately 16 feet bgs. Figure 3 in Appendix A depicts the soil boring locations.

- Soil samples were collected in each soil boring for screening with a PID. PID readings were recorded on the boring logs which are provided in Appendix D of this report. Soil samples were collected from the 0 to 3 foot interval from each boring, and an additional sample was taken from each boring in the 3 to 10 foot interval. Soil samples were submitted to ESC from boring B-1 for analysis of PAHs and PCBs. Soil samples were submitted to ESC from borings B-2 through B-6 for analysis of VOCs and SVOCs; additionally, samples were submitted to ESC from borings B-3 and B-4 for analysis of pH and lead.

- Temporary groundwater monitoring wells were installed in each of the borings. One groundwater sample was collected from each temporary monitoring well and submitted to ESC. Samples from GW-1 were submitted for analysis of PAHs and PCBs, samples from GW-2 through GW-6 were submitted for analysis of VOCs and SVOCs; additionally, samples from GW-3 and GW-4 were submitted for analysis of lead.

3.1 Methodology

Terracon followed standard procedures for sampling, physical measurements, equipment cleaning, construction of wells, and equipment calibration. The TSOPs that accompanied the sampling team incorporate industry protocols, internal procedures, and equipment operation manuals. The Checklist specified the appropriate TSOPs for use at the site.

3.1.1 Probing Methodology

Terracon advanced each soil boring with a track-mounted Geoprobe® rig using direct-push technology. Terracon collected soil samples from the soil borings using a 48-inch long, macro-core sampler with acetate liners. Terracon logged the lithology of the recovered material. The soil boring logs in Appendix D detail the subsurface lithology encountered during the investigation activities.

Terracon cleaned the macro-core samplers at the beginning of the project and between each soil sample by hand scrubbing in an Alconox™ and potable water solution followed by rinsing in potable water.

3.1.2 Monitoring Well Construction

Terracon constructed each temporary monitoring well using sections of flush-jointed, two-inch outside diameter, schedule 40 PVC threaded pipe. The screened section of each monitoring well consisted of a 0.01-inch slotted section of PVC pipe installed to intersect the water table. Following installation, Terracon developed each monitoring well by removing approximately three well casing volumes using a low-flow peristaltic sampling pump.

3.2 Property-Specific TSOPs

The Checklist specified the following TSOPs. Terracon implemented these TSOPs during the fieldwork portion of the ESA.

Table 3-1 Phase II ESA TSOPs

Reference No.	Title
E.10	Project Mobilization
E.20	Standard Safe Operating Procedures for Hazardous Waste Operations
E.30	Chain of Custody Documentation
E.50	Sampling – Environmental Representativeness
E.150	Soil Sampling – Low Level Volatile By TerraCore™
E.155	Soil Sampling – High Level Volatile By TerraCore™
E.400	Subsurface Sampling – GeoProbe© Platform
E.410	Subsurface Sampling – General Push-Probe Technology

Reference No.	Title
E.468	Sample Handling – Soil (Level D)
E.470	Sample Handling – Groundwater (Non-Hazardous)
E.552	Field Headspace Screening – Soil / Photoionization Detector
E.554	Field Screening – Air / Photoionization Detector
E.700	Well Construction – Temporary
E.1400	Well Development – Parametric
E.1500	Boring Abandonment – Commercial Sealant
E.1700	Well Abandonment – IDPH Title 77 Section 920.120 Criteria
E.1800	Field Measurement – Surface Layout
E.1805	Field Measurement – Elevations
E.1810	Field Measurement – Subsurface Soils
E.1820	Field Measurement – Groundwater
E.2000	Groundwater Sampling – Low Flow Pumping
E.2210	Site Housekeeping - General
E.2220	Disposal of Spent Supplies
E.2230	Handling and Storage of Drill Cuttings (Non-Hazardous)
E.2240	Site Security Procedures
E.2405	Cleaning - General
E.2410	Cleaning - Manual Washing

4.0 ASSESSMENT RESULTS

4.1 Physical Measurements and Field Screening

4.1.1 Soil Lithology

The site was overlain immediately to the east and south with approximately 2 to 4 inches of asphalt, with the easternmost portion overlain with approximately 2 to 4 inches of sand and gravel. The north side was overlain with a thin strip of lawn area along the property line and the west side of the site was overlain with a concrete paved area; in the areas where samples were taken, the majority of the soils encountered were silty clays followed by sand layers to boring termination.

4.1.2 Field Screening

Terracon field screened the soil samples for organic vapors using a PID. This device provides a direct reading in ppm. The PID is a nonspecific total vapor detector and cannot be used to identify unknown substances; it can only roughly quantify them. Upon removal of the sampler from the borehole, Terracon cut a portion of each sample and sealed it in a Ziplock™ bag. After a stabilization period, Terracon screened the headspace above the soil using the PID equipped with a 10.2 eV ultraviolet lamp source. Terracon calibrated the PID

in accordance with the manufacturer's recommendations before the field activities. The boring logs include the field screening results for each soil boring.

4.2 Laboratory Analysis

4.2.1 Laboratory Reporting Limits and Non-Detect Values

Laboratory technology cannot detect to concentrations of zero. Acknowledged by the USEPA, analytical methods dictate MDLs as the lower limit to which the procedures can accurately and repeatedly "see." The MDL is a minimum concentration of a substance that can be measured and reported with 99% confidence that the compound concentration is greater than zero. The MDL is determined from analysis within the given matrix of the sample and affected by matrix materials and/or other compounds within the matrix. EQLs are matrix-dependent and represent the minimum concentrations that can be routinely identified and measured within specified limits of precision and accuracy under normal laboratory operating conditions. EQLs are typically five to ten times the MDLs.

When the laboratory reports that a concentration of a chemical is “non-detect,” or lower than the EQL, it does not mean that the chemical is not present in the sample. These compounds may actually be present but at levels lower than what the laboratory can accurately measure.

4.2.2 Soil Analytical Program

Terracon submitted soil samples for laboratory analysis in accordance with the Checklist. The following table summarizes the chemical analysis for each soil sample.

Table 4-1 Summary of Soil Analytical Program

Location	PAHs Method 8270	PCBs Method 8081	VOCs Method 5035/8260	SVOCs Method 8270	pH Method 9045	LEAD Method 6010
B-1 (0-3)	X	X				
B-1 (4-8)	X	X				
B-2 (0-3)			X	X		
B-2 (8-12			X	X		
B-3 (0-3)			X	X	X	X
B-3 (4-8)			X	X	X	X
B-4 (0-3)			X	X	X	X
B-4 (4-8)			X	X	X	X
B-5 (4-8)			X	X		
B-6 (4-8)			X	X		

4.2.3 Groundwater Analytical Program

Terracon submitted groundwater samples for laboratory analysis in accordance with the Checklist. The following table summarizes the chemical analysis for each monitoring well.

Table 4-2 Summary of Groundwater Analytical Program

Locations	PAHs Method 8270	PCBs Method 8081	VOCs Method 8260	SVOCs Method 8270	LEAD Method 6010
GW-1	X	X			
GW-2			X	X	
GW-3			X	X	X
GW-4			X	X	X
GW-5			X	X	
GW-6			X	X	

4.3 Analytical Background

4.3.1 VOC Analysis Background

This chemical group is known as Volatile Organic Compounds, or VOCs. BTEX is a subset of VOCs. In lay terms, these chemicals readily evaporate to produce vapor. Many are often used as solvents in industry and manufacturing. Sampling and analysis require special care in the field and laboratory to guard against “losing” some of the materials from the soil/fill or groundwater samples before measurement takes place. The project methods provided this level of care.

The ATSDR describes VOCs as substances containing carbon and varying proportions of other elements such as hydrogen, oxygen, fluorine, chlorine, bromine, sulfur, or nitrogen. These substances easily become vapors or gases at room temperatures. A significant number of the VOCs are commonly used as solvents (paint thinners, lacquer thinner, degreasers, and dry cleaning fluids) or in petroleum hydrocarbon fuels (e.g., gasoline). Other information sources generally describe VOCs as organic compounds that evaporate easily.

When released into the atmosphere, VOCs contribute to the formation of ozone and smog, which have been linked to human health issues. In addition, VOCs can have direct adverse effects on human health. VOCs in the atmosphere come from combustible engines, industry, fuel spills, etc. Certain other fumes, such as those released from industrial plants, coating operations, and print shops can contain significant amounts of VOCs.

In addition to contributing to ozone and smog formation, VOCs can have direct adverse effects on human health. Many VOCs have been classified as toxic and carcinogenic (cancer causing) and it is therefore unsafe to be exposed to these compounds in large quantities or over extended periods. Some health effects from overexposure to VOCs are dizziness, headaches, and nausea. Long-term exposure to certain VOCs, such as benzene, has also been shown to cause cancer, and eventually death.

4.3.2 SVOC Analyses Background

This chemical group is known as Semi-Volatile Organic Compounds, or SVOCs. PAHs are a subset of SVOCs. In lay terms, these are generally chemicals that less readily evaporate to produce vapor and are used in industry in a variety uses. Many of the compounds are also less soluble in water or other materials. Sampling and analysis do not require the same stringent care as for VOCs in the field and laboratory necessary to guard against vaporization of the materials from the soil/fill or groundwater samples before measurement takes place. The project methods provided the appropriate level of care required by the USEPA and the QAPP.

SVOCs, like VOCs, are organic compounds containing carbon and different proportions of other elements such as hydrogen, oxygen, fluorine, chlorine, bromine, sulfur, or nitrogen. Unlike VOCs, these compounds do not typically become vapors or gases at room temperature. A common group of SVOCs is the PAHs. The ATSDR describes PAHs as a group of over 100 different chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances like tobacco or charbroiled meat. PAHs are usually found as a mixture containing two or more of these compounds, such as soot.

Some PAHs are manufactured. These pure PAHs usually exist as colorless, white, or pale yellow-green solids. PAHs are found in coal tar, crude oil, creosote, and roofing tar, but a few are used in medicines or to make dyes, plastics, and pesticides.

Animal studies have shown that PAHs can cause harmful effects on the skin, body fluids, and ability to fight disease after both short- and long-term exposure. These effects, however, have not been seen in people. The Department of Health and Human Services has determined that some PAHs may reasonably be expected to be carcinogens. Some PAHs have caused cancer in laboratory animals when they breathed air containing them, ingested them in food, or had them applied to their skin.

4.3.3 Inorganics Analyses Background

Inorganic compounds are generally considered reasonably stable, non-hydrocarbon based chemicals of concern. These compounds are typically elemental metals. This is not to say

that some metals do not have other properties of volatilization or solubility (e.g., mercury, lead).

Metals occur naturally, and can result from activities related to our lifestyles (e.g., automobile exhaust, industrial activity, etc.). Heavy metals generally cause the most problems, since even low doses are toxic. Municipal and industrial wastes are the main sources. Heavy metals include mercury, lead, and cadmium. In most cases, we are exposed to these metals from the air and the food we eat, however, they can also be inhaled as dust particulate in the air we breathe or absorbed through the skin.

This assessment addressed the eight metals addressed by RCRA in a groundwater sample and focused on lead in the remaining samples. These metals can cause a variety of health effects, including gastrointestinal disturbances, muscular weakness, kidney, liver, bone, and blood damage, and others.

4.4 Soil Analytical Results

Laboratory analytical methods were in accordance with the Checklist. Appendix B contains tables summarizing the soil analytical results. Copies of laboratory analytical reports are included in Appendix E.

4.4.1 Soil VOC Results

The concentrations of VOCs were not reported above laboratory EQLs in the soil samples with the exception of the following:

Acetone and 2-butanone were detected in sample B-2 (0-3) at concentrations of 0.087 and 0.013 mg/kg, respectively. Acetone was also detected in the duplicate sample for B-6 (4-8) at a concentration of 0.069 mg/kg. 1,2,4-Trimethylbenzene, ethylbenzene, and xylenes were detected in boring B-2 (8-12) at concentrations of 0.2, 3.4, and 11.0 mg/kg, respectively. All of the reported concentrations are below the Tier 1 SROs. Other VOC constituents were not detected above laboratory EQLs in the remaining soil samples.

Table 4-3 Summary of VOCs Detected in Soil Samples

Chemical	Frequency of Detection	Maximum Detected Concentration (mg/kg)	Location of Maximum Concentration
Acetone	1 of 8 (13%)	0.087	B-2 (0-3)
1,2,4-Trimethylbenzene	1 of 8 (13%)	0.2	B-2 (8-12)
2-Butanone	1 of 8 (13%)	0.013	B-2 (0-3)
Ethylbenzene	1 of 8 (13%)	3.4	B-2 (8-12)
Xylenes	1 of 8 (13%)	11.0	B-2 (8-12)

4.4.2 Soil SVOC Results

The concentrations of several SVOCs were reported above the laboratory EQLs. The reported concentration of benzo(a)anthracene in samples B-2 (0-3) and B-4 (0-3) exceeds the Tier 1 SRO. The reported concentrations of benzo(a)pyrene and benzo(b)fluoranthene in sample B-2 (0-3) exceed the Tier 1 SROs. Benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene were also detected at concentrations above the Tier 1 SROs in the duplicate sample for B-6 (4-8). Several other SVOCs were detected in the duplicate sample for B-6 (4-8). Chrysene, fluoranthene, phenanthrene, and pyrene were detected in samples B-2 (0-3) and B-4 (0-3), however; the detected concentrations did not exceed the Tier 1 SROs. The remaining SVOC constituents were not detected above laboratory EQLs in the soil samples.

Table 4-4 Summary of SVOCs Detected in Soil Samples

Chemical	Frequency of Detection	Maximum Detected Concentration (mg/kg)	Location of Maximum Concentration
Benzo (a) anthracene	2 of 10 (20%)	**1.2**	B-4 (0-3)
Benzo (a) pyrene	1 of 10 (10%)	**0.82**	B-2 (0-3)
Benzo(b)fluoranthene	1 of 10 (10%)	**1.2**	B-2 (0-3)
Chrysene	2 of 10 (20%)	1.4	B-4 (0-3)
Fluoranthene	2 of 10 (20%)	3	B-4 (0-3)
Phenanthrene	2 of 10 (20%)	1.2	B-4 (0-3)
Pyrene	2 of 10 (20%)	2.7	B-4 (0-3)

Reported concentrations in bold exceed the Tier 1 SRO

The reported concentrations of benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene exceed the SROs for the residential ingestion pathway, however; they are below the established background values for metropolitan statistical areas.

4.4.3 Soil PCB Results

PCBs were not detected above EQLs in the soil samples analyzed for PCBs.

4.4.4 Soil Lead Results

Lead was detected above the laboratory EQLs in each of the samples collected for lead analysis. The maximum reported concentration of 57.0 mg/kg does not exceed the most restrictive Tier 1 SRO.

Table 4-5 Summary of Inorganics Detected in Soil Samples

Chemical	Frequency of Detection	Maximum Detected Concentration (mg/Kg)	Location of Maximum Concentration
Lead	4 of 4 (100%)	57.0	B-3 (0-3)

Reported concentrations in bold exceed the Tier 1 SRO

4.5 Groundwater Analytical Results

Laboratory analytical methods were in accordance with the Checklist. Appendix B contains tables summarizing the groundwater analytical results. Copies of laboratory analytical reports are included in Appendix E.

4.5.1 Groundwater VOC Results

Isopropylbenzene, n-butylbenzene, n-propylbenzene, p-isopropyltoluene, sec-butylbenzene, and tert-butylbenzene were detected in sample GW-3 at concentrations above the EQL. cis-1,2-dichloroethene was detected in GW-2 and GW-4 at reported concentrations above the EQL. The reported concentrations of VOCs detected in groundwater were below the most restrictive Tier 1 GROs. The concentrations of remaining VOCs were not reported above the EQLs in the groundwater samples submitted for laboratory analysis.

Table 4-6 Summary of VOCs detected in Groundwater Samples

Chemical	Frequency of Detection	Maximum Detected Concentration (mg/L)	Location of Maximum Concentration
Cis-1,2-Dichloroethene	2 of 5 (40%)	0.003	GW-2
Isopropylbenzene	1 of 5 (20%)	0.014	GW-2
n-Butylbenzene	1 of 5 (20%)	0.0082	GW-2
n-Propylbenzene	1 of 5 (20%)	0.024	GW-2
p-Isopropyltoluene	1 of 5 (20%)	0.0018	GW-2
Sec-Butylbenzene	1 of 5 (20%)	0.0096	GW-2
Tert-Butylbenzene	1 of 5 (20%)	0.0016	GW-2

Reported concentrations in bold exceed the Tier 1 GRO

4.5.2 Groundwater SVOC Results

Bis(2-ethylhexyl)phthalate was detected in sample GW-5 at a concentration above the EQL and the most restrictive Tier 1 GRO. Bis(2-ethylhexyl)phthalate was also detected in samples GW-3 and GW-4 at concentrations above the EQL, however; the reported concentrations did not exceed the most restrictive Tier 1 GRO. Bis(2-ethylhexyl)phthalate is a common laboratory contaminant. Diethyl phthalate was detected in the duplicate of sample GW-5 at a concentration 0.0014mg/L; however, the reported concentration did not exceed the most restrictive Tier 1 GRO. The remaining SVOCs were not detected at concentrations above the laboratory EQLs.

Table 4-7 Summary SVOCs Detected in Groundwater

Chemical	Frequency of Detection	Maximum Detected Concentration (µg/L)	Location of Maximum Concentration
Bis(2-ethylhexyl)phthalate	3 of 5 (60%)	**0.012**	GW-5

Reported concentrations in **bold** exceed the Tier 1 GRO

4.5.3 Groundwater PCB Results

PCBs were not detected above laboratory EQLs in the groundwater samples analyzed for PCBs.

4.5.4 Groundwater Lead Results

Lead was detected in the groundwater sample GW-3 at a concentration above the EQL and the most restrictive Tier 1 GRO.

Table 4-8 Summary of Lead Detected in Groundwater Samples

Chemical	Frequency of Detection	Maximum Detected Concentration (mg/L)	Location of Maximum Concentration
Lead	1 of 2 (50%)	**0.032**	GW-3

Reported concentrations in **bold** exceed the Tier 1 GRO

The reported concentration of lead exceeds the GRO for the Class I Groundwater Ingestion pathway. Analytical results indicate that environmental impairment may exist at the site; however, reported concentrations present a risk to human health only if the groundwater is ingested. Redevelopment of the property should consider possible restrictions on the use of groundwater at the site as a potable water source.

5.0 FIELD DATA QUALITY

The QAPP set forth the procedures and methods for data collection. The Checklist defined the specific procedures and adjustments necessary to maintain data quality to support the project decision. The LSI required both field and laboratory checks to monitor conformance to project quality limits.

5.1 Property-Specific Corrective Actions

A field methods audit was not conducted during the fieldwork for this site; however, field practices were conducted in a method consistent with the methodology of the QAPP, Checklist, and relevant TSOPs.

5.2 Quality Control Parameters

To assess whether quality assurance objectives for this project have been achieved, the following QC parameters were considered: precision, accuracy, representativeness, comparability, completeness, and sensitivity.

5.2.1 Precision and Accuracy

As described in the QAPP, precision is evaluated using the RPD between an actual sample and a duplicate sample. Accuracy is evaluated using a percent recovery measured in spiked and unspiked samples. Accuracy is a function of the laboratory method, and parameters regarding accuracy are included in the lab report provided by the laboratory. In accordance with the QAPP, duplicate samples with RPDs less than or equal to 20% were considered precise without further discussion. Duplicate samples with RPDs in excess of 20% (water matrix) and 35% (soil/sediment samples) require further evaluation

Duplicate groundwater samples were collected from GW-1, GW-4 and GW-5. For each compound that was detected in both samples (e.g., GW-1 and its duplicate), Terracon compared the reported concentrations. The absolute values of the RPDs for groundwater ranged from 5% to 158%. Terracon observed that the reported concentration of bis(2-ethylhexyl)phthalate in GW-5 exceeds the GRO while the concentration of bis(2-ethylhexyl)phthalate in the duplicate for GW-5 was significantly less than the GRO. The concentration of bis(2-ethylhexyl)phthalate in GW-5 is considered an exceedance of the GRO regardless of the elevated RPD. The elevated RPD is not deemed to have an effect on the quality of the analytical data.

Duplicate soil samples were collected from boring locations B-1, B-3 and B-6. No compounds were detected in both samples (e.g., B-1 and its duplicate), therefore, RPDs were not calculated for soil samples. Terracon observed that several semi-volatile compounds were detected in the B-6 (4-8) duplicate sample but were not detected in the B-6 (4-8) original sample. The discrepancy between these results is considered to be anomalous and likely due to the non-homogeneous nature of the soil samples.

Laboratory accuracy controls were documented in accordance with the laboratory's internal QA Manual. The laboratory followed SW-846 procedures.

5.2.2 Representativeness

Terracon has evaluated the representativeness of the LSI activities to document the degree to which the sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Review

of field methods and procedures indicated that sample collection, handling, and transportation were conducted in accordance with the QAPP and Checklist. Review of analytical results indicates that the analytical data is generally uniform and consistent between sampling points and with previous sampling and analysis activities.

5.2.3 Completeness

Laboratory analysis was completed on each of the samples collected in the field and submitted for analysis. Laboratory completeness was determined to be 100%.

5.2.4 Comparability

To produce comparable data, the units specified for analytical results obtained during the field activities are consistent throughout this project and standardized analytical methods have been used for each parameter.

5.2.5 Sensitivity

The laboratory quantization limits were not sufficient to report concentrations below the statewide standards for some of compounds in the soil and groundwater samples; however, these instances were evaluated in accordance with the procedure described in Section 4.2.1. In Terracon's opinion, the instances of elevated laboratory quantitation limits are not indicative of actual environmental impact.

6.0 LABORATORY DATA QUALITY

The laboratory completed validation and verification of laboratory processes and data. The laboratory report documents compliance to the QAPP. Terracon reviewed the laboratory qualifiers in the report, and determined that the laboratory's data quality was sufficient for this project.

7.0 REGUALTORY SETTING

Based on our review, the site is eligible for enrollment in the IEPA SRP. The SRP is a voluntary cleanup program administered by the Remedial Project Management Section, Bureau of Land. The SRP's intent is to provide RAs (i.e., any persons seeking to perform or performing investigative or remedial activities) the opportunity to receive review and evaluation services, technical assistance and NFR determinations from the IEPA. The SRP is intended to be flexible and responsive to the requirements of RAs, to project constraints,

and to variable remediation site conditions. The goal(s) and scope of actions at remediation sites are normally defined by the RA, subject to the regulations at 35 IAC Chapter 740: *Site Remediation Program*. Successful participation in the SRP results in the issuance of an NFR letter by the IEPA. Based on our evaluation of site conditions, issuance of a NFR letter by the IEPA, without the need for physical remediation, is a viable option.

7.1 Program Authority

The IEPA is authorized to provide review, evaluation, and approval services for actions at remediation sites where hazardous substances, pesticides, or petroleum products may be present and for which the remediation site owner requested such services in writing. For RAs other than the remediation site owner, written permission from the remediation site owner, or authorized agent of the owner, must be obtained for enrollment in the SRP. The written permission must clearly identify the remediation site for which the services are sought and must contain the original signature of the owner. An authorized agent means a person who is authorized by written consent or by law to act on behalf of a remediation site owner.

7.2 Relationship to Superfund/CERCLA

The USEPA and the IEPA have entered into a Superfund memorandum of understanding through which the USEPA concurs that further response actions will not be required by the USEPA at sites that have received an NFR letter. In addition, the USEPA will not plan or anticipate federal action under CERCLA at an enrolled site, except in emergency situations.

7.3 Enrollment

Completion of the SRP Application and Services Agreement Form (DRM-1) is required of persons requesting enrollment. This form requires identification of the remediation site, the RA, the property owner, and project objectives. In addition, the RA will be required to either:

1. Make an advance partial payment in the amount of $500 when submitting the application and service agreement, or

2. Request that the IEPA estimate the total costs to the IEPA of providing the requested services and assess an advance partial payment not to exceed $5,000 or one-half of the total anticipated costs of the IEPA, whichever is less.

7.4 Assessment Process

Remediation site activities must be conducted by, or under the supervision of, an Illinois licensed PE. Remediation site investigations must be performed to identify any RECs

existing at the remediation site, the related contaminants of concern, and associated factors that will aid in the identification of risks to human health, safety and the environment, the determination of remediation objectives, and the remedial design. Site investigations must satisfy data quality objectives for field and laboratory operations to ensure that all data are scientifically valid and of known precision.

All plans and reports submitted for review and evaluation must be prepared by, or under the supervision of, an Illinois licensed PE. Any plan or report submitted to the IEPA for review and evaluation must be accompanied by a Site Remediation Program Form (DRM-2). The required plans and reports for corrective action projects are as follows.

- Site Investigation Report (SIR)
- Remediation Objectives Report (ROR)
- Remedial Action Plan (RAP)
- Remedial Action Completion Report (RACR)

These reports are described in the following sections.

7.4.1 Site Investigation Report

The SIR identifies RECs existing at the remediation site, the related contaminants of concern, and associated factors. Such information will be used to aid in the identification of risk to human health and the environment, the determination of remediation objectives, and the design and implementation of a RAP.

7.4.2 Remediation Objectives Report

The ROR presents the ROs for the site developed using the TACO procedures set forth in 35 IAC Chapter 742: *Tiered Approach to Corrective Action Objectives*. The TACO procedures present an approach to development of ROs that includes an option for the use of any of three tiers for developing applicable ROs, the exclusion of pathways from further consideration, and the use of area background concentrations as ROs. The existing groundwater ordinance (City Ordinance No. 3022-2010) effectively excludes the groundwater ingestion pathway from further consideration. It is anticipated that development of ROs would be required.

7.4.3 Remedial Action Plan

A RAP, if required, is intended to describe a proposed remedy and to evaluate its ability and effectiveness to achieve the ROs approved for the remediation site.

7.4.4 Remedial Action Completion Report

Upon completion of all corrective actions, the RA must submit a report attesting that all ROs, site-specific response actions, and SRP data quality objectives have been successfully attained. It is anticipated that remedial actions would consist of groundwater ingestion pathway exclusion via the existing city ordinance and utilization of an engineered barrier and that physical remediation would not be required.

7.5 TACO Evaluation

TACO uses a three tiered approach to develop ROs for a subject site. Under Tier 1, the reported concentrations of chemicals of concern are compared to tabulated ROs that are broken down for either residential or industrial/commercial property use. ROs are established for the direct ingestion of groundwater, soil inhalation, soil ingestion, and the soil component of groundwater ingestion (soil leaching). The lowest of the applicable exposure values for each media is considered the RO for the remediation site. At Tier 2, prescribed models may use site-specific information to calculate ROs. The use of both institutional controls and engineered barriers may be considered in developing ROs. Tier 3 provides RAs the opportunity to conduct variable scale risk assessment activities and more complex contaminant fate and transport modeling than the standard Tier 2 exposure models.

Remedial Applicants may also demonstrate protection of human health and the environment by less stringent ROs, by implementing engineered barriers, institutional controls, post-remediation use restrictions, or by any combination of these. Exclusion of pathways from further consideration is based on effective source control coupled with site conditions and an appropriate institutional control that effectively prohibits human exposure through a given pathway. If an exposure route is excluded from consideration, then no numeric cleanup objective need be developed for the exposure route.

8.0 SITE CONSIDERATIONS

Site assessment activities have identified environmental impact in both the soil and groundwater as a result of on and off-site activities. Soil impairment poses a risk to human health as a result of direct ingestion, however the contaminants in soil do not exceed the established background values for MSAs. As documented in this report, the site is currently being used for commercial purposes and it is anticipated that future uses of the site will remain the same. If the site were to be enrolled in the SRP, the Remedial Applicant could pursue a NFR without the need for physical remediation of soil at the site.

Groundwater impairment poses a risk to human health as a result of direct of ingestion of the water. As documented in this report, however; drinking water wells are not present at

the site or within 1,000 feet of the site, the site is served by a municipal water system, and an ordinance is in effect prohibiting the installation and use of a drinking water well. Environmentally impaired groundwater at the site is not being used as a source of drinking water and will not be used in the future. If the site were to be enrolled in the SRP, the Remedial Applicant could pursue a NFR on the basis of exclusion of the groundwater ingestion pathway, without the need for physical remediation of groundwater at the site.

In anticipation of possible enrollment of the site in the SRP, Terracon has conducted this LSI in general accordance with SRP guidelines. Further, Terracon has evaluated TACO requirements establishing criteria that must be met to exclude the groundwater ingestion pathway. Specifically, Terracon notes the following:

- Free product was not encountered during field activities
- The site is not located within the minimum or designated maximum setback zone or within a regulated recharge area of a potable water supply well
- The City has established ordinance 3022-2010, which prohibits the installation of potable wells within the municipal limits
- The nearest surface water is the Mississippi River, located approximately 900 feet north of the site.

By excluding the groundwater ingestion pathway and implementation of a land use restriction, the site should be eligible for an NFR without undergoing physical remedial activities.

9.0 FINDINGS AND CONCLUSIONS

Terracon has conducted fieldwork and evaluation for the LSI portion of the Project for this property. Terracon makes the following conclusions.

- This LSI has been completed consistent with the intent and strictures of the grants.
- Except as noted, this LSI has otherwise been conducted consistent with the QAPP and the Checklist, both approved by USEPA 5.
- This LSI has produced data of a quality sufficient to make the project decisions set forth in the QAPP.
- This LSI has measured environmental impact at the property lines.
- This LSI has not identified conditions of imminent threat or public hazard.

- The primary project decision determined that the property is environmentally impaired. Redevelopment of the property should consider possible restrictions on the use of groundwater at the site as a potable water source.

- The affected areas defined by the LSI appear eligible for successful enrollment in the SRP and issuance of a NFR letter transferable to future successors to title.

10.0 GENERAL COMMENTS

Terracon has performed a LSI consistent with the QAPP and the Checklist.

The analysis presented in this report is based upon data obtained from field activities and from other information discussed in this report. This report does not reflect any variations in subsurface stratigraphy that may occur between borings or across the site. Actual subsurface conditions may vary. The extent of such variations may not become evident without additional exploration. The limitations of this assessment should be recognized as the City of Moline formulates conclusions on the environmental risks associated with this property.

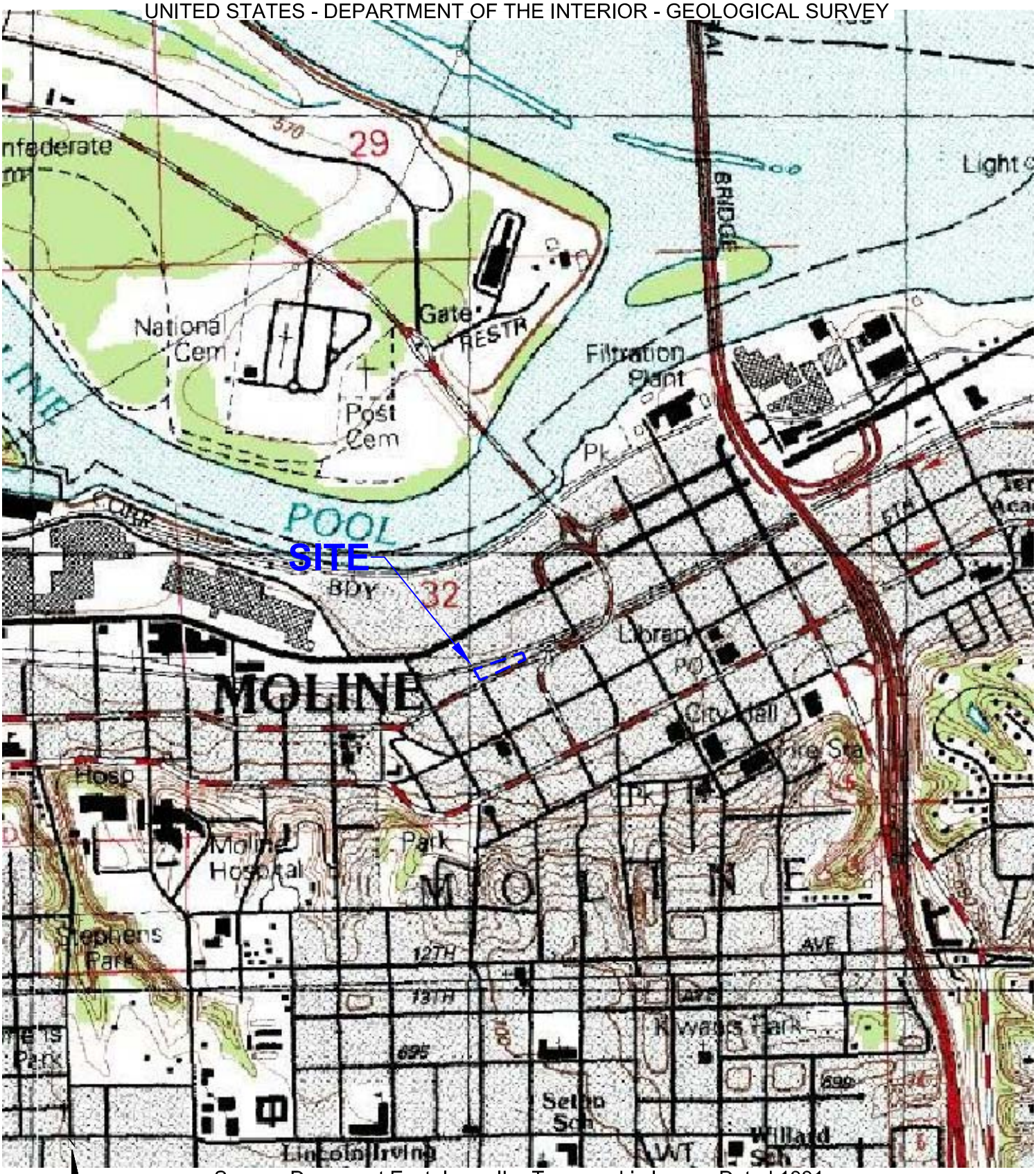
This report is prepared for the exclusive use of our client for the specific application to the project discussed and has been prepared in accordance with generally accepted environmental engineering practices. No warranties, express or implied, are intended or made. In the event any changes in nature or location of subsurface conditions as outlined in this report are observed, the conclusions contained in this report cannot be considered valid unless the changes are reviewed and the conclusions of this report are modified or verified in writing by the environmental engineer.

APPENDIX A

Figures

Figure 1 - Topographic Vicinity Map
Figure 2 - Site Diagram
Figure 3 - Sample Location Map

UNITED STATES - DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY



Source: Davenport East, Iowa, IL - Topographic Image, Dated 1991

0 1000'
APPROXIMATE SCALE

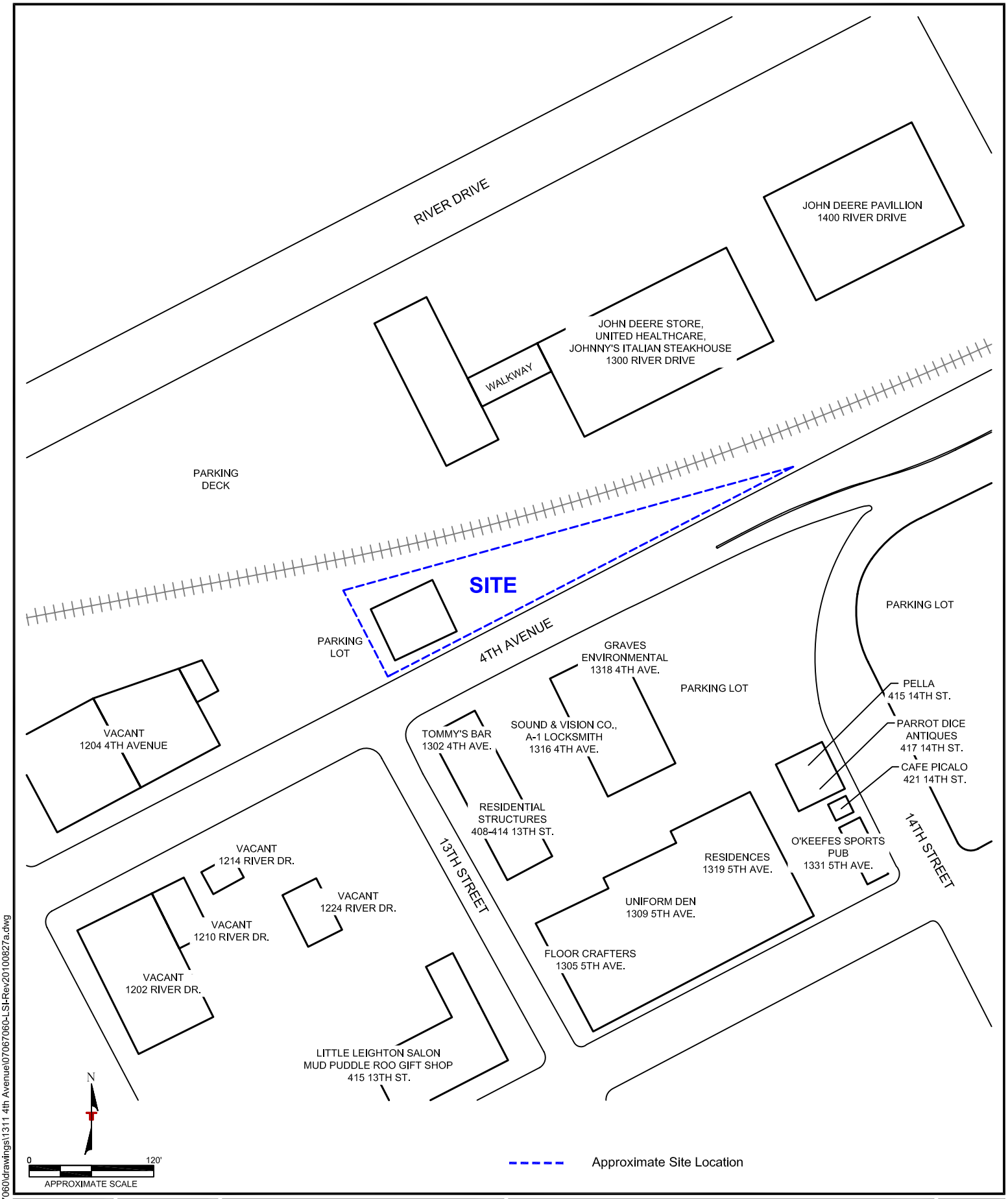
Approximate Site Location

N:\Projects\2006\07067060\drawings\1311 4th Avenue\07067060-LSI-Rev20100827a.dwg

Project Mngr: RJH	Project No. 07067060.1	Terracon Consulting Engineers and Scientists	TOPOGRAPHIC VICINITY MAP
Drawn By: EP	Scale: AS-SHOWN	135 AMBASSADOR DRIVE NAPERVILLE, ILLINOIS 60540	LIMITED SITE INVESTIGATION
Checked By: RJH	Revised By: ~	PH. (630) 717-4263 FAX. (630) 357-9489	MOLINE AUTOMOTIVE REPAIR
Approved By: RJH	Date: August 24, 2010		1311 4TH AVENUE
			MOLINE, ROCK ISLAND COUNTY, ILLINOIS

FIG. No. 1

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES. 1A



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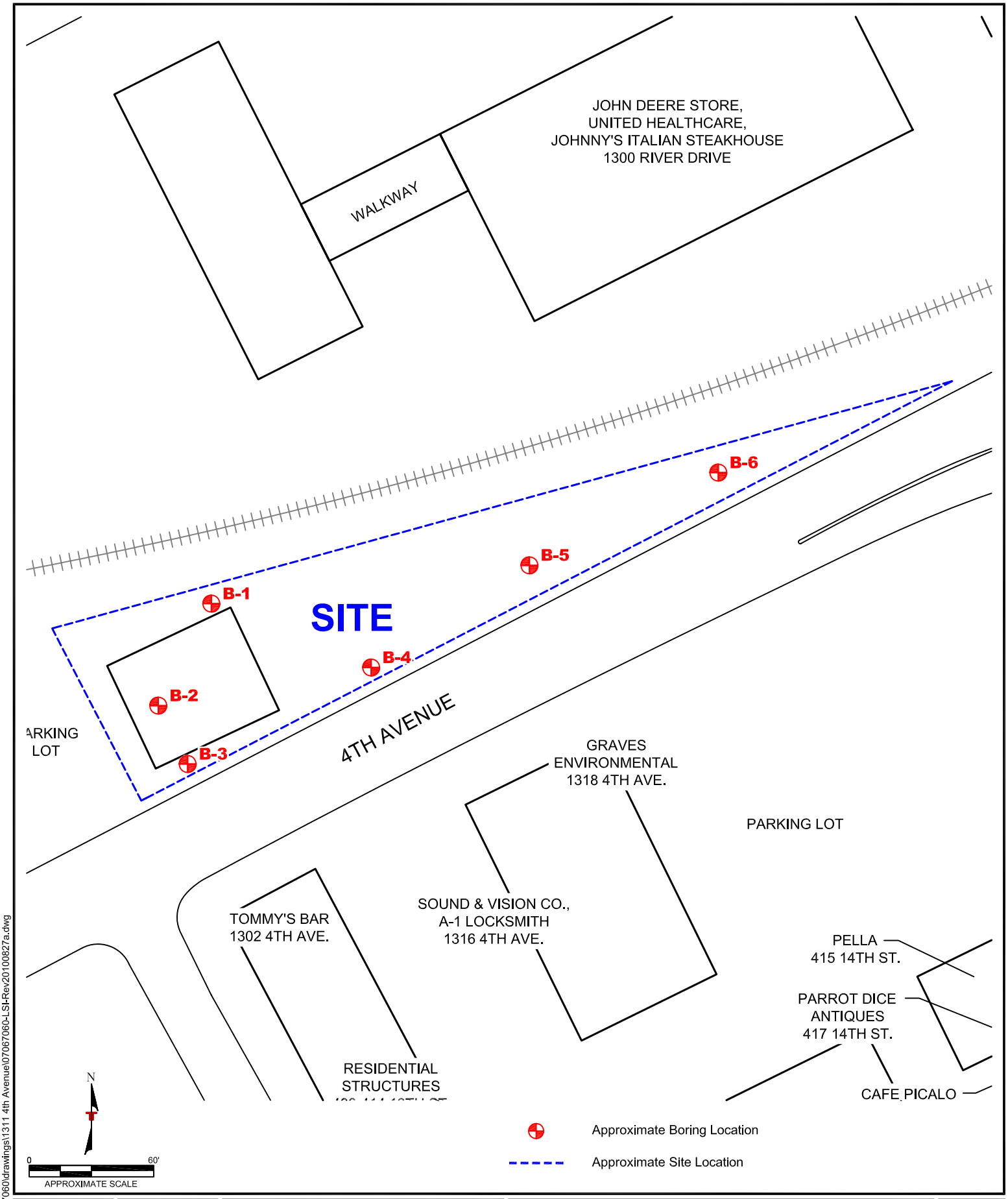
Project Mngr: RJH	Project No. 07067060.1	Terracon Consulting Engineers and Scientists	SITE DIAGRAM
Drawn By: EP	Scale: AS-SHOWN	135 AMBASSADOR DRIVE NAPERVILLE, ILLINOIS 60540	LIMITED SITE INVESTIGATION
Checked By: RJH	Revised By: ~	PH. (630) 717-4263 FAX. (630) 357-9489	MOLINE AUTOMOTIVE REPAIR
Approved By: RJH	Date: August 24, 2010		1311 4TH AVENUE
			MOLINE, ROCK ISLAND COUNTY, ILLINOIS

FIG. No. 2

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES. 2A



N:\Projects\2006\07067060\drawings\1311 4th Avenue\07067060-LSI-Rev20100827a.dwg

Project Mngr: RJH	Project No. 07067060.1	Terracon Consulting Engineers and Scientists	SAMPLE LOCATION MAP
Drawn By: EP	Scale: AS-SHOWN	135 AMBASSADOR DRIVE NAPERVILLE, ILLINOIS 60540	LIMITED SITE INVESTIGATION
Checked By: RJH	Revised By: ~	PH. (630) 717-4263 FAX. (630) 357-9489	MOLINE AUTOMOTIVE REPAIR
Approved By: RJH	Date: August 24, 2010		1311 4TH AVENUE
			MOLINE, ROCK ISLAND COUNTY, ILLINOIS

FIG. No. 3

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES. 2A

APPENDIX B

Tables

Table Notes
Table 1 - Soil Analytical Results
Table 2 - Groundwater Analytical Results

Table Notes
Moline Automotive

Remediation Objectives from 35 Illinois Administrative Code Chapter 742: *Tiered Approach to Corrective Action Objectives* (TACO).

Remediation Objectives for Non-TACO Compounds from IEPA Toxicity Assessment Unit, October 1, 2004 and/or May 1, 2007.

mg/L = milligrams per liter, generally equivalent to parts per million (ppm)

mg/kg = milligrams per kilogram, generally equivalent to ppm

TCLP = Toxicity Characteristic Leaching Procedure

SPLP = Synthetic Precipitation Leaching Procedure

Table 1
Soil Analytical Data
Moline Automotive

				Analytical Data								
			Sample ID	B1 0-3FT	B1 4-8FT	B2 0-3FT	B2 8-12FT	B3 0-3FT	B3 4-8FT	B4 0-3FT	B4 4-8FT	B5 4-8FT
			Depth (ft)	L467759-01	L467759-02	L467759-03	L467759-04	L467759-05	L467759-06	L467759-07	L467759-08	L467759-09
				7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010
Analyte	**CAS**	**Method**	**Units**									
Volatile Organic Analytical Parameters												
1,1,1,2-Tetrachloroethane	630-20-6	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,1,1-Trichloroethane	71-55-6	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,1,2,2-Tetrachloroethane	79-34-5	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,1,2-Trichloro-1,2,2-trifluoroethar	76-13-1	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,1,2-Trichloroethane	79-00-5	8260B	mg/kg			<0.0010	**<0.13**	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,1-Dichloroethane	75-34-3	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,1-Dichloroethene	75-35-4	8260B	mg/kg			<0.0010	**<0.13**	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,1-Dichloropropene	563-58-6	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,2,3-Trichlorobenzene	87-61-6	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,2,3-Trichloropropane	96-18-4	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,2,4-Trichlorobenzene	120-82-1	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,2,4-Trimethylbenzene	95-63-6	8260B	mg/kg			<0.0010	0.2	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,2-Dibromo-3-Chloropropane	96-12-8	8260B	mg/kg			<0.0052	<0.64	<0.0058	<0.0052	<0.0053	<0.0069	<0.0062
1,2-Dibromoethane	106-93-4	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,2-Dichlorobenzene	95-50-1	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,2-Dichloroethane	107-06-2	8260B	mg/kg			<0.0010	**<0.13**	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,2-Dichloropropane	78-87-5	8260B	mg/kg			<0.0010	**<0.13**	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,3,5-Trimethylbenzene	108-67-8	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,3-Dichlorobenzene	541-73-1	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,3-Dichloropropane	142-28-9	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
1,4-Dichlorobenzene	106-46-7	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
2,2-Dichloropropane	594-20-7	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
2-Butanone (MEK)	78-93-3	8260B	mg/kg			0.013	<1.3	<0.012	<0.010	<0.011	<0.014	<0.012
2-Chloroethyl vinyl ether	110-75-8	8260B	mg/kg			<0.052	<6.4	<0.058	<0.052	<0.053	<0.069	<0.062
2-Chlorotoluene	95-49-8	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
4-Chlorotoluene	106-43-4	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
4-Methyl-2-pentanone (MIBK)	108-10-1	8260B	mg/kg			<0.010	<1.3	<0.012	<0.010	<0.011	<0.014	<0.012
Acetone	67-64-1	8260B	mg/kg			0.087	<6.4	<0.058	<0.052	<0.053	<0.069	<0.062
Acrylonitrile	107-13-1	8260B	mg/kg			<0.010	<1.3	<0.012	<0.010	<0.011	<0.014	<0.012
Benzene	71-43-2	8260B	mg/kg			<0.0010	**<0.13**	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Bromobenzene	108-86-1	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Bromodichloromethane	75-27-4	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Bromoform	75-25-2	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Bromomethane	74-83-9	8260B	mg/kg			<0.0052	**<0.64**	<0.0058	<0.0052	<0.0053	<0.0069	<0.0062
Carbon tetrachloride	56-23-5	8260B	mg/kg			<0.0010	**<0.13**	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Chlorobenzene	108-90-7	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Chlorodibromomethane	124-48-1	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Chloroethane	75-00-3	8260B	mg/kg			<0.0052	<0.64	<0.0058	<0.0052	<0.0053	<0.0069	<0.0062
Chloroform	67-66-3	8260B	mg/kg			<0.0052	**<0.64**	<0.0058	<0.0052	<0.0053	<0.0069	<0.0062
Chloromethane	74-87-3	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
cis-1,2-Dichloroethene	156-59-2	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
cis-1,3-Dichloropropene	10061-01-5	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Dibromomethane	74-95-3	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012

Table 1
Soil Analytical Data
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				Analytical Data								
			Sample ID	B1 0-3FT	B1 4-8FT	B2 0-3FT	B2 8-12FT	B3 0-3FT	B3 4-8FT	B4 0-3FT	B4 4-8FT	B5 4-8FT
			Depth (ft)	L467759-01	L467759-02	L467759-03	L467759-04	L467759-05	L467759-06	L467759-07	L467759-08	L467759-09
				7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010
Analyte	**CAS**	**Method**	**Units**									
Dichlorodifluoromethane	75-71-8	8260B	mg/kg			<0.0052	<0.64	<0.0058	<0.0052	<0.0053	<0.0069	<0.0062
Di-isopropyl ether	108-20-3	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Ethylbenzene	100-41-4	8260B	mg/kg			<0.0010	3.4	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Hexachloro-1,3-butadiene	87-68-3	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Isopropylbenzene	98-82-8	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Methyl tert-butyl ether	1634-04-4	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Methylene Chloride	75-09-2	8260B	mg/kg			<0.0052	<0.64	<0.0058	<0.0052	<0.0053	<0.0069	<0.0062
Naphthalene	91-20-3	8260B	mg/kg			0.0069	<0.64	<0.0058	<0.0052	<0.0053	<0.0069	<0.0062
n-Butylbenzene	104-51-8	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
n-Propylbenzene	103-65-1	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
p-Isopropyltoluene	99-87-6	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
sec-Butylbenzene	135-98-8	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Styrene	100-42-5	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
tert-Butylbenzene	98-06-6	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Tetrachloroethene	127-18-4	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Toluene	108-88-3	8260B	mg/kg			<0.0052	<0.64	<0.0058	<0.0052	<0.0053	<0.0069	<0.0062
trans-1,2-Dichloroethene	156-60-5	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
trans-1,3-Dichloropropene	10061-02-6	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Trichloroethene	79-01-6	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Trichlorofluoromethane	75-69-4	8260B	mg/kg			<0.0052	<0.64	<0.0058	<0.0052	<0.0053	<0.0069	<0.0062
Vinyl chloride	75-01-4	8260B	mg/kg			<0.0010	<0.13	<0.0012	<0.0010	<0.0011	<0.0014	<0.0012
Xylenes, Total	1330-20-7	8260B	mg/kg			<0.0031	11	<0.0035	<0.0031	<0.0032	<0.0041	<0.0037
Semivolatile Organic Analytical Parameters												
1,2,4-Trichlorobenzene	120-82-1	8270C	mg/kg			**<6.9**	<0.42	<3.8	<0.35	**<7.1**	<0.46	<0.41
2,4,6-Trichlorophenol	88-06-2	8270C	mg/kg			**<6.9**	**<0.42**	**<3.8**	**<0.35**	**<7.1**	**<0.46**	**<0.41**
2,4-Dichlorophenol	120-83-2	8270C	mg/kg			**<6.9**	<0.42	**<3.8**	<0.35	**<7.1**	<0.46	<0.41
2,4-Dimethylphenol	105-67-9	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
2,4-Dinitrophenol	51-28-5	8270C	mg/kg			**<6.9**	**<0.42**	**<3.8**	**<0.35**	**<7.1**	**<0.46**	**<0.41**
2,4-Dinitrotoluene	121-14-2	8270C	mg/kg			**<6.9**	**<0.42**	**<3.8**	**<0.35**	**<7.1**	**<0.46**	**<0.41**
2,6-Dinitrotoluene	606-20-2	8270C	mg/kg			**<6.9**	**<0.42**	**<3.8**	**<0.35**	**<7.1**	**<0.46**	**<0.41**
2-Chloronaphthalene	91-58-7	8270C	mg/kg			<0.69	<0.042	<0.38	<0.034	<0.70	<0.046	<0.041
2-Chlorophenol	95-57-8	8270C	mg/kg			**<6.9**	<0.42	<3.8	<0.35	**<7.1**	<0.46	<0.41
2-Nitrophenol	88-75-5	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
3,3-Dichlorobenzidine	91-94-1	8270C	mg/kg			**<6.9**	**<0.42**	**<3.8**	**<0.35**	**<7.1**	**<0.46**	**<0.41**
4,6-Dinitro-2-methylphenol	534-52-1	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
4-Bromophenyl-phenylether	101-55-3	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
4-Chloro-3-methylphenol	59-50-7	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
4-Chlorophenyl-phenylether	7005-72-3	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
4-Nitrophenol	100-02-7	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Acenaphthene	83-32-9	8270C	mg/kg	<0.040	<0.042	<0.69	<0.042	<0.38	<0.034	<0.70	<0.046	<0.041
Acenaphthylene	208-96-8	8270C	mg/kg	<0.040	<0.042	<0.69	<0.042	<0.38	<0.034	<0.70	<0.046	<0.041
Anthracene	120-12-7	8270C	mg/kg	<0.040	<0.042	<0.69	<0.042	<0.38	<0.034	<0.70	<0.046	<0.041
Benzidine	92-87-5	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Benzo(a)anthracene	56-55-3	8270C	mg/kg	<0.040	<0.042	**0.99**	<0.042	<0.38	<0.034	**1.2**	<0.046	<0.041

Table 1
Soil Analytical Data
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				Analytical Data								
			Sample ID	B1 0-3FT	B1 4-8FT	B2 0-3FT	B2 8-12FT	B3 0-3FT	B3 4-8FT	B4 0-3FT	B4 4-8FT	B5 4-8FT
			Depth (ft)	L467759-01	L467759-02	L467759-03	L467759-04	L467759-05	L467759-06	L467759-07	L467759-08	L467759-09
				7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010	7/1/2010
Analyte	**CAS**	**Method**	**Units**									
Benzo(a)pyrene	50-32-8	8270C	mg/kg	<0.040	<0.042	**0.82**	<0.042	**<0.38**	<0.034	**<3.5**	<0.046	<0.041
Benzo(b)fluoranthene	205-99-2	8270C	mg/kg	<0.040	<0.042	**1.2**	<0.042	<0.38	<0.034	**<3.5**	<0.046	<0.041
Benzo(g,h,i)perylene	191-24-2	8270C	mg/kg	<0.040	<0.042	<0.69	<0.042	<0.38	<0.034	<3.5	<0.046	<0.041
Benzo(k)fluoranthene	207-08-9	8270C	mg/kg	<0.040	<0.042	<0.69	<0.042	<0.38	<0.034	<3.5	<0.046	<0.041
Benzylbutyl phthalate	85-68-7	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Bis(2-chlorethoxy)methane	111-91-1	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Bis(2-chloroethyl)ether	111-44-4	8270C	mg/kg			**<6.9**	**<0.42**	**<3.8**	**<0.35**	**<7.1**	**<0.46**	**<0.41**
Bis(2-chloroisopropyl)ether	108-60-1	8270C	mg/kg			**<6.9**	<0.42	**<3.8**	<0.35	**<7.1**	<0.46	<0.41
Bis(2-ethylhexyl)phthalate	117-81-7	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Chrysene	218-01-9	8270C	mg/kg	<0.040	<0.042	0.81	<0.042	<0.38	<0.034	1.4	<0.046	<0.041
Dibenz(a,h)anthracene	53-70-3	8270C	mg/kg	<0.040	<0.042	**<0.69**	<0.042	**<0.38**	<0.034	**<3.5**	<0.046	<0.041
Diethyl phthalate	84-66-2	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Dimethyl phthalate	131-11-3	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Di-n-butyl phthalate	84-74-2	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Di-n-octyl phthalate	117-84-0	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Fluoranthene	206-44-0	8270C	mg/kg	<0.040	<0.042	2	<0.042	<0.38	<0.034	3	<0.046	<0.041
Fluorene	86-73-7	8270C	mg/kg	<0.040	<0.042	<0.69	<0.042	<0.38	<0.034	<0.70	<0.046	<0.041
Hexachloro-1,3-butadiene	87-68-3	8270C	mg/kg			**<6.9**	<0.42	**<3.8**	<0.35	**<7.1**	<0.46	<0.41
Hexachlorobenzene	118-74-1	8270C	mg/kg			**<6.9**	**<0.42**	**<3.8**	<0.35	**<7.1**	**<0.46**	**<0.41**
Hexachlorocyclopentadiene	77-47-4	8270C	mg/kg			**<6.9**	<0.42	**<3.8**	<0.35	**<7.1**	<0.46	<0.41
Hexachloroethane	67-72-1	8270C	mg/kg			**<6.9**	<0.42	**<3.8**	<0.35	**<7.1**	<0.46	<0.41
Indeno(1,2,3-cd)pyrene	193-39-5	8270C	mg/kg	<0.040	<0.042	<0.69	<0.042	<0.38	<0.034	**<3.5**	<0.046	<0.041
Isophorone	78-59-1	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Naphthalene	91-20-3	8270C	mg/kg	<0.040	<0.042	<0.69	<0.042	<0.38	<0.034	<0.70	<0.046	<0.041
Nitrobenzene	98-95-3	8270C	mg/kg			**<6.9**	**<0.42**	**<3.8**	**<0.35**	**<7.1**	**<0.46**	**<0.41**
n-Nitrosodimethylamine	62-75-9	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
n-Nitrosodi-n-propylamine	621-64-7	8270C	mg/kg			**<6.9**	**<0.42**	**<3.8**	**<0.35**	**<7.1**	**<0.46**	**<0.41**
n-Nitrosodiphenylamine	86-30-6	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Pentachlorophenol	87-86-5	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Phenanthrene	85-01-8	8270C	mg/kg	<0.040	<0.042	1	<0.042	<0.38	<0.034	1.2	<0.046	<0.041
Phenol	108-95-2	8270C	mg/kg			<6.9	<0.42	<3.8	<0.35	<7.1	<0.46	<0.41
Pyrene	129-00-0	8270C	mg/kg	<0.040	<0.042	1.4	<0.042	<0.38	<0.034	2.7	<0.046	<0.041
Semivolatile Organic Analytical Parameters												
PCB 1016	12674-11-2	8082	mg/kg	<0.021	<0.022							
PCB 1221	11104-28-2	8082	mg/kg	<0.021	<0.022							
PCB 1232	11141-16-5	8082	mg/kg	<0.021	<0.022							
PCB 1242	53469-21-9	8082	mg/kg	<0.021	<0.022							
PCB 1248	12672-29-6	8082	mg/kg	<0.021	<0.022							
PCB 1254	11097-69-1	8082	mg/kg	<0.021	<0.022							
PCB 1260	11096-82-5	8082	mg/kg	<0.021	<0.022							
Inorganic Analytical Parameters												
Lead	7439-92-1	6010B	mg/kg					57.0	42.0	9.5	11.0	

Table 1
Soil Analytical Data
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Analyte	CAS	B6 4-8FT L467759-10 7/1/2010	B6 4-8FT Dup L467759-11 7/1/2010	B1 0-3FT Dup L467759-23 40360	BLANK L467759-24 7/1/2010	Number of Detections	Frequency of Detection	Maximum Detected Concentration	Most Restrictive Tier 1 Soil Remediation Objective	Maximum Exceeds Most Restrictive Objective?
Volatile Organic Analytical Parameters										
1,1,1,2-Tetrachloroethane	630-20-6	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	<0.0012	<0.0012			0	0 of 9 (0%)	NA	2	NA
1,1,2,2-Tetrachloroethane	79-34-5	<0.0012	<0.0012			0	0 of 9 (0%)	NA	3.3	NA
1,1,2-Trichloro-1,2,2-trifluoroethar	76-13-1	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	<0.0012	<0.0012			0	0 of 9 (0%)	NA	0.02	NA
1,1-Dichloroethane	75-34-3	<0.0012	<0.0012			0	0 of 9 (0%)	NA	23	NA
1,1-Dichloroethene	75-35-4	<0.0012	<0.0012			0	0 of 9 (0%)	NA	0.06	NA
1,1-Dichloropropene	563-58-6	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
1,2,3-Trichloropropane	96-18-4	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	<0.0012	<0.0012			0	0 of 9 (0%)	NA	5	NA
1,2,4-Trimethylbenzene	95-63-6	<0.0012	<0.0012			1	1 of 9 (11%)	0.2	NA	NA
1,2-Dibromo-3-Chloropropane	96-12-8	<0.0058	<0.0059			0	0 of 9 (0%)	NA	NA	NA
1,2-Dibromoethane	106-93-4	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	<0.0012	<0.0012			0	0 of 9 (0%)	NA	17	NA
1,2-Dichloroethane	107-06-2	<0.0012	<0.0012			0	0 of 9 (0%)	NA	0.02	NA
1,2-Dichloropropane	78-87-5	<0.0012	<0.0012			0	0 of 9 (0%)	NA	0.03	NA
1,3,5-Trimethylbenzene	108-67-8	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	<0.0012	<0.0012			0	0 of 9 (0%)	NA	0.2	NA
1,3-Dichloropropane	142-28-9	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	<0.0012	<0.0012			0	0 of 9 (0%)	NA	2	NA
2,2-Dichloropropane	594-20-7	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
2-Butanone (MEK)	78-93-3	<0.012	<0.012			1	1 of 9 (11%)	0.013	17	NO
2-Chloroethyl vinyl ether	110-75-8	<0.058	<0.059			0	0 of 9 (0%)	NA	NA	NA
2-Chlorotoluene	95-49-8	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
4-Chlorotoluene	106-43-4	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	108-10-1	<0.012	<0.012			0	0 of 9 (0%)	NA	340	NA
Acetone	67-64-1	<0.058	0.069			2	2 of 9 (22%)	0.087	25	NO
Acrylonitrile	107-13-1	<0.012	<0.012			0	0 of 9 (0%)	NA	NA	NA
Benzene	71-43-2	<0.0012	<0.0012			0	0 of 9 (0%)	NA	0.03	NA
Bromobenzene	108-86-1	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
Bromodichloromethane	75-27-4	<0.0012	<0.0012			0	0 of 9 (0%)	NA	0.6	NA
Bromoform	75-25-2	<0.0012	<0.0012			0	0 of 9 (0%)	NA	0.8	NA
Bromomethane	74-83-9	<0.0058	<0.0059			0	0 of 9 (0%)	NA	0.2	NA
Carbon tetrachloride	56-23-5	<0.0012	<0.0012			0	0 of 9 (0%)	NA	0.07	NA
Chlorobenzene	108-90-7	<0.0012	<0.0012			0	0 of 9 (0%)	NA	1	NA
Chlorodibromomethane	124-48-1	<0.0012	<0.0012			0	0 of 9 (0%)	NA	0.4	NA
Chloroethane	75-00-3	<0.0058	<0.0059			0	0 of 9 (0%)	NA	15	NA
Chloroform	67-66-3	<0.0058	<0.0059			0	0 of 9 (0%)	NA	0.3	NA
Chloromethane	74-87-3	<0.0012	<0.0012			0	0 of 9 (0%)	NA	0.14	NA
cis-1,2-Dichloroethene	156-59-2	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
cis-1,3-Dichloropropene	10061-01-5	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
Dibromomethane	74-95-3	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA

Table 1
Soil Analytical Data
Moline Automotive

Analyte	CAS	B6 4-8FT L467759-10 7/1/2010	B6 4-8FT Dup L467759-11 7/1/2010	B1 0-3FT Dup L467759-23 40360	BLANK L467759-24 7/1/2010	Number of Detections	Frequency of Detection	Maximum Detected Concentration	Most Restrictive Tier 1 Soil Remediation Objective	Maximum Exceeds Most Restrictive Objective?
Dichlorodifluoromethane	75-71-8	<0.0058	<0.0059			0	0 of 9 (0%)	NA	NA	NA
Di-isopropyl ether	108-20-3	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
Ethylbenzene	100-41-4	<0.0012	<0.0012			1	1 of 9 (11%)	3.4	NA	NA
Hexachloro-1,3-butadiene	87-68-3	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
Isopropylbenzene	98-82-8	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
Methyl tert-butyl ether	1634-04-4	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
Methylene Chloride	75-09-2	<0.0058	<0.0059			0	0 of 9 (0%)	NA	NA	NA
Naphthalene	91-20-3	<0.0058	0.06			2	2 of 9 (22%)	0.06	NA	NA
n-Butylbenzene	104-51-8	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
n-Propylbenzene	103-65-1	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
p-Isopropyltoluene	99-87-6	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
sec-Butylbenzene	135-98-8	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
Styrene	100-42-5	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
tert-Butylbenzene	98-06-6	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
Tetrachloroethene	127-18-4	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
Toluene	108-88-3	<0.0058	<0.0059			0	0 of 9 (0%)	NA	NA	NA
trans-1,2-Dichloroethene	156-60-5	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
trans-1,3-Dichloropropene	10061-02-6	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
Trichloroethene	79-01-6	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
Trichlorofluoromethane	75-69-4	<0.0058	<0.0059			0	0 of 9 (0%)	NA	NA	NA
Vinyl chloride	75-01-4	<0.0012	<0.0012			0	0 of 9 (0%)	NA	NA	NA
Xylenes, Total	1330-20-7	<0.0035	<0.0035			1	1 of 9 (11%)	11	NA	NA
Semivolatile Organic Analytical Parameters										
1,2,4-Trichlorobenzene	120-82-1	<0.39	<3.9			0	0 of 9 (0%)	NA	5	NA
2,4,6-Trichlorophenol	88-06-2	**<0.39**	**<3.9**			0	0 of 9 (0%)	NA	0.2	NA
2,4-Dichlorophenol	120-83-2	<0.39	**<3.9**			0	0 of 9 (0%)	NA	1	NA
2,4-Dimethylphenol	105-67-9	<0.39	<3.9			0	0 of 9 (0%)	NA	9	NA
2,4-Dinitrophenol	51-28-5	**<0.39**	**<3.9**			0	0 of 9 (0%)	NA	0.2	NA
2,4-Dinitrotoluene	121-14-2	**<0.39**	**<3.9**			0	0 of 9 (0%)	NA	0.0008	NA
2,6-Dinitrotoluene	606-20-2	**<0.39**	**<3.9**			0	0 of 9 (0%)	NA	0.0007	NA
2-Chloronaphthalene	91-58-7	<0.038	<0.39			0	0 of 9 (0%)	NA	49	NA
2-Chlorophenol	95-57-8	<0.39	<3.9			0	0 of 9 (0%)	NA	4	NA
2-Nitrophenol	88-75-5	<0.39	<3.9			0	0 of 9 (0%)	NA	NA	NA
3,3-Dichlorobenzidine	91-94-1	**<0.39**	**<3.9**			0	0 of 9 (0%)	NA	0.007	NA
4,6-Dinitro-2-methylphenol	534-52-1	<0.39	<3.9			0	0 of 9 (0%)	NA	7.8	NA
4-Bromophenyl-phenylether	101-55-3	<0.39	<3.9			0	0 of 9 (0%)	NA	NA	NA
4-Chloro-3-methylphenol	59-50-7	<0.39	<3.9			0	0 of 9 (0%)	NA	24	NA
4-Chlorophenyl-phenylether	7005-72-3	<0.39	<3.9			0	0 of 9 (0%)	NA	NA	NA
4-Nitrophenol	100-02-7	<0.39	<3.9			0	0 of 9 (0%)	NA	630	NA
Acenaphthene	83-32-9	<0.038	1.4	<0.041	<0.042	1	1 of 12 (8%)	1.4	570	NO
Acenaphthylene	208-96-8	<0.038	0.85	<0.041	<0.042	1	1 of 12 (8%)	0.85	85	NO
Anthracene	120-12-7	<0.038	2	<0.041	<0.042	1	1 of 12 (8%)	2	12000	NO
Benzidine	92-87-5	<0.39	<3.9			0	0 of 9 (0%)	NA	NA	NA
Benzo(a)anthracene	56-55-3	<0.038	**3.4**	<0.041	<0.042	3	3 of 12 (25%)	3.4	0.9	**YES**

Table 1
Soil Analytical Data
Moline Automotive

Analyte	CAS	B6 4-8FT L467759-10 7/1/2010	B6 4-8FT Dup L467759-11 7/1/2010	B1 0-3FT Dup L467759-23 40360	BLANK L467759-24 7/1/2010	Number of Detections	Frequency of Detection	Maximum Detected Concentration	Most Restrictive Tier 1 Soil Remediation Objective	Maximum Exceeds Most Restrictive Objective?
Benzo(a)pyrene	50-32-8	<0.038	2.1	<0.041	<0.042	2	2 of 12 (17%)	2.1	0.09	YES
Benzo(b)fluoranthene	205-99-2	<0.038	2	<0.041	<0.042	2	2 of 12 (17%)	2	0.9	YES
Benzo(g,h,i)perylene	191-24-2	<0.038	<0.39	<0.041	<0.042	0	0 of 12 (0%)	NA	2300	NA
Benzo(k)fluoranthene	207-08-9	<0.038	1.6	<0.041	<0.042	1	1 of 12 (8%)	1.6	9	NO
Benzylbutyl phthalate	85-68-7	<0.39	<3.9			0	0 of 9 (0%)	NA	930	NA
Bis(2-chlorethoxy)methane	111-91-1	<0.39	<3.9			0	0 of 9 (0%)	NA	NA	NA
Bis(2-chloroethyl)ether	111-44-4	<0.39	<3.9			0	0 of 9 (0%)	NA	0.0004	NA
Bis(2-chloroisopropyl)ether	108-60-1	<0.39	<3.9			0	0 of 9 (0%)	NA	2.4	NA
Bis(2-ethylhexyl)phthalate	117-81-7	<0.39	<3.9			0	0 of 9 (0%)	NA	46	NA
Chrysene	218-01-9	<0.038	3.7	<0.041	<0.042	3	3 of 12 (25%)	3.7	88	NO
Dibenz(a,h)anthracene	53-70-3	<0.038	<0.39	<0.041	<0.042	0	0 of 12 (0%)	NA	0.09	NA
Diethyl phthalate	84-66-2	<0.39	<3.9			0	0 of 9 (0%)	NA	470	NA
Dimethyl phthalate	131-11-3	<0.39	<3.9			0	0 of 9 (0%)	NA	380	NA
Di-n-butyl phthalate	84-74-2	<0.39	<3.9			0	0 of 9 (0%)	NA	2300	NA
Di-n-octyl phthalate	117-84-0	<0.39	<3.9			0	0 of 9 (0%)	NA	1600	NA
Fluoranthene	206-44-0	<0.038	6.3	<0.041	<0.042	3	3 of 12 (25%)	6.3	3100	NO
Fluorene	86-73-7	<0.038	2.7	<0.041	<0.042	1	1 of 12 (8%)	2.7	560	NO
Hexachloro-1,3-butadiene	87-68-3	<0.39	<3.9			0	0 of 9 (0%)	NA	2.9	NA
Hexachlorobenzene	118-74-1	<0.39	<3.9			0	0 of 9 (0%)	NA	0.4	NA
Hexachlorocyclopentadiene	77-47-4	<0.39	<3.9			0	0 of 9 (0%)	NA	1.1	NA
Hexachloroethane	67-72-1	<0.39	<3.9			0	0 of 9 (0%)	NA	0.5	NA
Indeno(1,2,3-cd)pyrene	193-39-5	<0.038	0.47	<0.041	<0.042	1	1 of 12 (8%)	0.47	0.9	NO
Isophorone	78-59-1	<0.39	<3.9			0	0 of 9 (0%)	NA	8	NA
Naphthalene	91-20-3	<0.038	0.87	<0.041	<0.042	1	1 of 12 (8%)	0.87	1.8	NO
Nitrobenzene	98-95-3	<0.39	<3.9			0	0 of 9 (0%)	NA	0.1	NA
n-Nitrosodimethylamine	62-75-9	<0.39	<3.9			0	0 of 9 (0%)	NA	NA	NA
n-Nitrosodi-n-propylamine	621-64-7	<0.39	<3.9			0	0 of 9 (0%)	NA	0.00005	NA
n-Nitrosodiphenylamine	86-30-6	<0.39	<3.9			0	0 of 9 (0%)	NA	NA	NA
Pentachlorophenol	87-86-5	<0.39	<3.9			0	0 of 9 (0%)	NA	NA	NA
Phenanthrene	85-01-8	<0.038	7.5	<0.041	<0.042	3	3 of 12 (25%)	7.5	NA	NA
Phenol	108-95-2	<0.39	<3.9			0	0 of 9 (0%)	NA	NA	NA
Pyrene	129-00-0	<0.038	5.3	<0.041	<0.042	3	3 of 12 (25%)	5.3	NA	NA
Semivolatile Organic Analytical Parameters										
PCB 1016	12674-11-2			<0.021	<0.022	0	0 of 3 (0%)	NA	NA	NA
PCB 1221	11104-28-2			<0.021	<0.022	0	0 of 3 (0%)	NA	NA	NA
PCB 1232	11141-16-5			<0.021	<0.022	0	0 of 3 (0%)	NA	NA	NA
PCB 1242	53469-21-9			<0.021	<0.022	0	0 of 3 (0%)	NA	NA	NA
PCB 1248	12672-29-6			<0.021	<0.022	0	0 of 3 (0%)	NA	NA	NA
PCB 1254	11097-69-1			<0.021	<0.022	0	0 of 3 (0%)	NA	NA	NA
PCB 1260	11096-82-5			<0.021	<0.022	0	0 of 3 (0%)	NA	NA	NA
Inorganic Analytical Parameters										
Lead	7439-92-1					4	4 of 4 (100%)	57	400	NO

Table 2
Groundwater Analytical Data
Moline Automotive

				Analytical Data								
			Sample ID	GW-1	GW-2	GW-3	GW-4	GW-5	GW-6	GW-1 Dup	GW-4 Dup	GW-5 Dup
				L467759-12	L467759-13	L467759-14	L467759-15	L467759-16	L467759-17	L467759-18	L467759-22	L467759-20
			Date Collected	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10
Parameter	**CAS No.**	**Method**	**Units**									
Volatile Organic Analytical Parameters												
1,1,1,2-Tetrachloroethane	630-20-6	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,1,1-Trichloroethane	71-55-6	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,1,2,2-Tetrachloroethane	79-34-5	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,1,2-Trichloro-1,2,2-trifluoroethan	76-13-1	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,1,2-Trichloroethane	79-00-5	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,1-Dichloroethane	75-34-3	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,1-Dichloroethene	75-35-4	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,1-Dichloropropene	563-58-6	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,2,3-Trichlorobenzene	87-61-6	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,2,3-Trichloropropane	96-18-4	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,2,3-Trimethylbenzene	526-73-8	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,2,4-Trichlorobenzene	120-82-1	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,2,4-Trimethylbenzene	95-63-6	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,2-Dibromo-3-Chloropropane	96-12-8	8260B	mg/l		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		<0.0050	
1,2-Dibromoethane	106-93-4	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,2-Dichlorobenzene	95-50-1	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,2-Dichloroethane	107-06-2	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,2-Dichloropropane	78-87-5	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,3,5-Trimethylbenzene	108-67-8	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,3-Dichlorobenzene	541-73-1	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,3-Dichloropropane	142-28-9	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
1,4-Dichlorobenzene	106-46-7	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
2,2-Dichloropropane	594-20-7	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
2-Butanone (MEK)	78-93-3	8260B	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010		<0.010	
2-Chloroethyl vinyl ether	110-75-8	8260B	mg/l		<0.050	<0.050	<0.050	<0.050	<0.050		<0.050	
2-Chlorotoluene	95-49-8	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
4-Chlorotoluene	106-43-4	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
4-Methyl-2-pentanone (MIBK)	108-10-1	8260B	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010		<0.010	
Acetone	67-64-1	8260B	mg/l		<0.050	<0.050	<0.050	<0.050	<0.050		<0.050	
Acrolein	107-02-8	8260B	mg/l		<0.050	<0.050	<0.050	<0.050	<0.050		<0.050	
Acrylonitrile	107-13-1	8260B	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010		<0.010	
Benzene	71-43-2	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Bromobenzene	108-86-1	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Bromodichloromethane	75-27-4	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Bromoform	75-25-2	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Bromomethane	74-83-9	8260B	mg/l		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		<0.0050	
Carbon tetrachloride	56-23-5	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Chlorobenzene	108-90-7	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Chlorodibromomethane	124-48-1	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Chloroethane	75-00-3	8260B	mg/l		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		<0.0050	
Chloroform	67-66-3	8260B	mg/l		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		<0.0050	
Chloromethane	74-87-3	8260B	mg/l		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	
cis-1,2-Dichloroethene	156-59-2	8260B	mg/l		0.003	<0.0010	0.0019	<0.0010	<0.0010		0.0018	
cis-1,3-Dichloropropene	10061-01-5	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Dibromomethane	74-95-3	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	

Table 2
Groundwater Analytical Data
Moline Automotive

				Analytical Data								
		Sample ID		GW-1	GW-2	GW-3	GW-4	GW-5	GW-6	GW-1 Dup	GW-4 Dup	GW-5 Dup
				L467759-12	L467759-13	L467759-14	L467759-15	L467759-16	L467759-17	L467759-18	L467759-22	L467759-20
		Date Collected		7/1/10	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10
Parameter	**CAS No.**	**Method**	**Units**									
Dichlorodifluoromethane	75-71-8	8260B	mg/l		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		<0.0050	
Di-isopropyl ether	108-20-3	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Ethylbenzene	100-41-4	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Hexachloro-1,3-butadiene	87-68-3	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Isopropylbenzene	98-82-8	8260B	mg/l		<0.0010	0.014	<0.0010	<0.0010	<0.0010		<0.0010	
Methyl tert-butyl ether	1634-04-4	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Methylene Chloride	75-09-2	8260B	mg/l		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		<0.0050	
Naphthalene	91-20-3	8260B	mg/l		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		<0.0050	
n-Butylbenzene	104-51-8	8260B	mg/l		<0.0010	0.0082	<0.0010	<0.0010	<0.0010		<0.0010	
n-Propylbenzene	103-65-1	8260B	mg/l		<0.0010	0.024	<0.0010	<0.0010	<0.0010		<0.0010	
p-Isopropyltoluene	99-87-6	8260B	mg/l		<0.0010	0.0018	<0.0010	<0.0010	<0.0010		<0.0010	
sec-Butylbenzene	135-98-8	8260B	mg/l		<0.0010	0.0096	<0.0010	<0.0010	<0.0010		<0.0010	
Styrene	100-42-5	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
tert-Butylbenzene	98-06-6	8260B	mg/l		<0.0010	0.0016	<0.0010	<0.0010	<0.0010		<0.0010	
Tetrachloroethene	127-18-4	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Toluene	108-88-3	8260B	mg/l		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		<0.0050	
trans-1,2-Dichloroethene	156-60-5	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
trans-1,3-Dichloropropene	10061-02-6	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Trichloroethene	79-01-6	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Trichlorofluoromethane	75-69-4	8260B	mg/l		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		<0.0050	
Vinyl chloride	75-01-4	8260B	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010	
Xylenes, Total	1330-20-7	8260B	mg/l		<0.0030	<0.0030	<0.0030	<0.0030	<0.0030		<0.0030	
Semivolatile Organic Analytical Parameters												
1,2,4-Trichlorobenzene	120-82-1	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
1-Methylnaphthalene	90-12-0	8270C	mg/l	<0.00025						<0.00025		
2,4,6-Trichlorophenol	88-06-2	8270C	mg/l			<0.010						<0.010
2,4-Dichlorophenol	120-83-2	8270C	mg/l			<0.010						<0.010
2,4-Dimethylphenol	105-67-9	8270C	mg/l			<0.010						<0.010
2,4-Dinitrophenol	51-28-5	8270C	mg/l			<0.010						<0.010
2,4-Dinitrotoluene	121-14-2	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
2,6-Dinitrotoluene	606-20-2	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
2-Chloronaphthalene	91-58-7	8270C	mg/l	<0.00025	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.00025		<0.0010
2-Chlorophenol	95-57-8	8270C	mg/l			<0.010						<0.010
2-Methylnaphthalene	91-57-6	8270C	mg/l	<0.00025						<0.00025		
2-Nitrophenol	88-75-5	8270C	mg/l			<0.010						<0.010
3,3-Dichlorobenzidine	91-94-1	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
4,6-Dinitro-2-methylphenol	534-52-1	8270C	mg/l			<0.010						<0.010
4-Bromophenyl-phenylether	101-55-3	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
4-Chloro-3-methylphenol	59-50-7	8270C	mg/l			<0.010						<0.010
4-Chlorophenyl-phenylether	7005-72-3	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
4-Nitrophenol	100-02-7	8270C	mg/l			<0.010						<0.010
Acenaphthene	83-32-9	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Acenaphthylene	208-96-8	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Anthracene	120-12-7	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Benzidine	92-87-5	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
Benzo(a)anthracene	56-55-3	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010

Table 2
Groundwater Analytical Data
Moline Automotive

				Analytical Data								
			Sample ID	GW-1	GW-2	GW-3	GW-4	GW-5	GW-6	GW-1 Dup	GW-4 Dup	GW-5 Dup
				L467759-12	L467759-13	L467759-14	L467759-15	L467759-16	L467759-17	L467759-18	L467759-22	L467759-20
			Date Collected	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10	7/1/10
Parameter	**CAS No.**	**Method**	**Units**									
Benzo(a)pyrene	50-32-8	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Benzo(b)fluoranthene	205-99-2	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Benzo(g,h,i)perylene	191-24-2	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Benzo(k)fluoranthene	207-08-9	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Benzylbutyl phthalate	85-68-7	8270C	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			<0.0010
Bis(2-chlorethoxy)methane	111-91-1	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
Bis(2-chloroethyl)ether	111-44-4	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
Bis(2-chloroisopropyl)ether	108-60-1	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
Bis(2-ethylhexyl)phthalate	117-81-7	8270C	mg/l		<0.0010	0.0025	0.004	**0.012**	<0.0010			0.0014
Chrysene	218-01-9	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Dibenz(a,h)anthracene	53-70-3	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Diethyl phthalate	84-66-2	8270C	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			0.0014
Dimethyl phthalate	131-11-3	8270C	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			<0.0010
Di-n-butyl phthalate	84-74-2	8270C	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			<0.0010
Di-n-octyl phthalate	117-84-0	8270C	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			<0.0010
Fluoranthene	206-44-0	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Fluorene	86-73-7	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Hexachloro-1,3-butadiene	87-68-3	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
Hexachlorobenzene	118-74-1	8270C	mg/l		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			<0.0010
Hexachlorocyclopentadiene	77-47-4	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
Hexachloroethane	67-72-1	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
Indeno(1,2,3-cd)pyrene	193-39-5	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Isophorone	78-59-1	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
Naphthalene	91-20-3	8270C	mg/l	<0.00025	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.00025		<0.0010
Nitrobenzene	98-95-3	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
n-Nitrosodimethylamine	62-75-9	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
n-Nitrosodi-n-propylamine	621-64-7	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
n-Nitrosodiphenylamine	86-30-6	8270C	mg/l		<0.010	<0.010	<0.010	<0.010	<0.010			<0.010
Pentachlorophenol	87-86-5	8270C	mg/l			<0.010						<0.010
Phenanthrene	85-01-8	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Phenol	108-95-2	8270C	mg/l			<0.010						<0.010
Pyrene	129-00-0	8270C	mg/l	<0.000050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.000050		<0.0010
Polychlorinated Biphenyl Parameters												
PCB 1016	12674-11-2	8082	mg/l	<0.00050						<0.00050		
PCB 1221	11104-28-2	8082	mg/l	<0.00050						<0.00050		
PCB 1232	11141-16-5	8082	mg/l	<0.00050						<0.00050		
PCB 1242	53469-21-9	8082	mg/l	<0.00050						<0.00050		
PCB 1248	12672-29-6	8082	mg/l	<0.00050						<0.00050		
PCB 1254	11097-69-1	8082	mg/l	<0.00050						<0.00050		
PCB 1260	11096-82-5	8082	mg/l	<0.00050						<0.00050		
Inorganic Analytical Parameters												
Lead	7439-92-1	6010B	mg/L			**0.032**	<0.0050				<0.0050	

Table 2
Groundwater Analytical Data
Moline Automotive

						Number of Detections	Frequency of Detection	Maximum Detected Concentration	Most Restrictive Tier 1 Groundwater Remediation Objective	Maximum Exceeds Most Restrictive Objective?	Tier 1 Groundwater Remediation Objective
		Sample ID		BLANK	BLANK						
				L467759-19	L467759-21						
		Date Collected		7/1/10	7/1/10						
Parameter	**CAS No.**	**Method**	**Units**								**Class I**
Volatile Organic Analytical Parameters											4
1,1,1,2-Tetrachloroethane	630-20-6	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
1,1,1-Trichloroethane	71-55-6	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.2	NA	0.2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.42	NA	0.42
1,1,2-Trichloro-1,2,2-trifluoroethan	76-13-1	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
1,1,2-Trichloroethane	79-00-5	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.005	NA	0.005
1,1-Dichloroethane	75-34-3	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.7	NA	0.7
1,1-Dichloroethene	75-35-4	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.007	NA	0.007
1,1-Dichloropropene	563-58-6	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
1,2,3-Trichlorobenzene	87-61-6	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
1,2,3-Trichloropropane	96-18-4	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
1,2,3-Trimethylbenzene	526-73-8	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
1,2,4-Trichlorobenzene	120-82-1	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.07	NA	0.07
1,2,4-Trimethylbenzene	95-63-6	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
1,2-Dibromo-3-Chloropropane	96-12-8	8260B	mg/l		<0.0050	0	0 of 6 (0%)	NA	NA	NA	No SRO
1,2-Dibromoethane	106-93-4	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
1,2-Dichlorobenzene	95-50-1	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.6	NA	0.6
1,2-Dichloroethane	107-06-2	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.005	NA	0.005
1,2-Dichloropropane	78-87-5	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.005	NA	0.005
1,3,5-Trimethylbenzene	108-67-8	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
1,3-Dichlorobenzene	541-73-1	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.0063	NA	0.0063
1,3-Dichloropropane	142-28-9	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
1,4-Dichlorobenzene	106-46-7	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.075	NA	0.075
2,2-Dichloropropane	594-20-7	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
2-Butanone (MEK)	78-93-3	8260B	mg/l		<0.010	0	0 of 6 (0%)	NA	4.2	NA	4.2
2-Chloroethyl vinyl ether	110-75-8	8260B	mg/l		<0.050	0	0 of 6 (0%)	NA	NA	NA	No SRO
2-Chlorotoluene	95-49-8	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
4-Chlorotoluene	106-43-4	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
4-Methyl-2-pentanone (MIBK)	108-10-1	8260B	mg/l		<0.010	0	0 of 6 (0%)	NA	NA	NA	---
Acetone	67-64-1	8260B	mg/l		<0.050	0	0 of 6 (0%)	NA	6.3	NA	6.3
Acrolein	107-02-8	8260B	mg/l		<0.050	0	0 of 6 (0%)	NA	NA	NA	No SRO
Acrylonitrile	107-13-1	8260B	mg/l		<0.010	0	0 of 6 (0%)	NA	NA	NA	No SRO
Benzene	71-43-2	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.005	NA	0.005
Bromobenzene	108-86-1	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
Bromodichloromethane	75-27-4	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.0002	NA	0.0002
Bromoform	75-25-2	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.001	NA	0.001
Bromomethane	74-83-9	8260B	mg/l		<0.0050	0	0 of 6 (0%)	NA	0.0098	NA	0.0098
Carbon tetrachloride	56-23-5	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.005	NA	0.005
Chlorobenzene	108-90-7	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.1	NA	0.1
Chlorodibromomethane	124-48-1	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.14	NA	0.14
Chloroethane	75-00-3	8260B	mg/l		<0.0050	0	0 of 6 (0%)	NA	2.8	NA	2.8
Chloroform	67-66-3	8260B	mg/l		<0.0050	0	0 of 6 (0%)	NA	0.0002	NA	0.0002
Chloromethane	74-87-3	8260B	mg/l		<0.0025	0	0 of 6 (0%)	NA	0.028	NA	0.028
cis-1,2-Dichloroethene	156-59-2	8260B	mg/l		<0.0010	3	3 of 6 (50%)	0.003	0.07	NO	0.07
cis-1,3-Dichloropropene	10061-01-5	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
Dibromomethane	74-95-3	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO

Table 2
Groundwater Analytical Data
Moline Automotive

						Number of Detections	Frequency of Detection	Maximum Detected Concentration	Most Restrictive Tier 1 Groundwater Remediation Objective	Maximum Exceeds Most Restrictive Objective?	Tier 1 Groundwater Remediation Objective
		Sample ID		BLANK	BLANK						
				L467759-19	L467759-21						
		Date Collected		7/1/10	7/1/10						
Parameter	**CAS No.**	**Method**	**Units**								**Class I**
Dichlorodifluoromethane	75-71-8	8260B	mg/l		<0.0050	0	0 of 6 (0%)	NA	NA	NA	No SRO
Di-isopropyl ether	108-20-3	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
Ethylbenzene	100-41-4	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.7	NA	0.7
Hexachloro-1,3-butadiene	87-68-3	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.0014	NA	0.0014
Isopropylbenzene	98-82-8	8260B	mg/l		<0.0010	1	1 of 6 (17%)	0.014	NA	NA	No SRO
Methyl tert-butyl ether	1634-04-4	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.07	NA	0.07
Methylene Chloride	75-09-2	8260B	mg/l		<0.0050	0	0 of 6 (0%)	NA	0.005	NA	0.005
Naphthalene	91-20-3	8260B	mg/l		<0.0050	0	0 of 6 (0%)	NA	0.14	NA	0.14
n-Butylbenzene	104-51-8	8260B	mg/l		<0.0010	1	1 of 6 (17%)	0.0082	NA	NA	No SRO
n-Propylbenzene	103-65-1	8260B	mg/l		<0.0010	1	1 of 6 (17%)	0.024	NA	NA	No SRO
p-Isopropyltoluene	99-87-6	8260B	mg/l		<0.0010	1	1 of 6 (17%)	0.0018	NA	NA	No SRO
sec-Butylbenzene	135-98-8	8260B	mg/l		<0.0010	1	1 of 6 (17%)	0.0096	NA	NA	No SRO
Styrene	100-42-5	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.1	NA	0.1
tert-Butylbenzene	98-06-6	8260B	mg/l		<0.0010	1	1 of 6 (17%)	0.0016	NA	NA	No SRO
Tetrachloroethene	127-18-4	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.005	NA	0.005
Toluene	108-88-3	8260B	mg/l		<0.0050	0	0 of 6 (0%)	NA	1	NA	1
trans-1,2-Dichloroethene	156-60-5	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.1	NA	0.1
trans-1,3-Dichloropropene	10061-02-6	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	NA	NA	No SRO
Trichloroethene	79-01-6	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.005	NA	0.005
Trichlorofluoromethane	75-69-4	8260B	mg/l		<0.0050	0	0 of 6 (0%)	NA	NA	NA	No SRO
Vinyl chloride	75-01-4	8260B	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.002	NA	0.002
Xylenes, Total	1330-20-7	8260B	mg/l		<0.0030	0	0 of 6 (0%)	NA	10	NA	10
Semivolatile Organic Analytical Parameters											
1,2,4-Trichlorobenzene	120-82-1	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	0.07	NA	0.07
1-Methylnaphthalene	90-12-0	8270C	mg/l	<0.00025		0	0 of 2 (0%)	NA	NA	NA	No SRO
2,4,6-Trichlorophenol	88-06-2	8270C	mg/l		<0.010	0	0 of 2 (0%)	NA	0.01	NA	0.01
2,4-Dichlorophenol	120-83-2	8270C	mg/l		<0.010	0	0 of 2 (0%)	NA	0.021	NA	0.021
2,4-Dimethylphenol	105-67-9	8270C	mg/l		<0.010	0	0 of 2 (0%)	NA	0.14	NA	0.14
2,4-Dinitrophenol	51-28-5	8270C	mg/l		<0.010	0	0 of 2 (0%)	NA	0.014	NA	0.014
2,4-Dinitrotoluene	121-14-2	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	0.00002	NA	0.00002
2,6-Dinitrotoluene	606-20-2	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	0.00031	NA	0.00031
2-Chloronaphthalene	91-58-7	8270C	mg/l	<0.00025	<0.0010	0	0 of 8 (0%)	NA	0.56	NA	0.56
2-Chlorophenol	95-57-8	8270C	mg/l		<0.010	0	0 of 2 (0%)	NA	0.035	NA	0.035
2-Methylnaphthalene	91-57-6	8270C	mg/l	<0.00025		0	0 of 2 (0%)	NA	0.028	NA	0.028
2-Nitrophenol	88-75-5	8270C	mg/l		<0.010	0	0 of 2 (0%)	NA	NA	NA	No SRO
3,3-Dichlorobenzidine	91-94-1	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	0.02	NA	0.02
4,6-Dinitro-2-methylphenol	534-52-1	8270C	mg/l		<0.010	0	0 of 2 (0%)	NA	0.0007	NA	0.0007
4-Bromophenyl-phenylether	101-55-3	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	NA	NA	No SRO
4-Chloro-3-methylphenol	59-50-7	8270C	mg/l		<0.010	0	0 of 2 (0%)	NA	0.49	NA	0.49
4-Chlorophenyl-phenylether	7005-72-3	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	NA	NA	No SRO
4-Nitrophenol	100-02-7	8270C	mg/l		<0.010	0	0 of 2 (0%)	NA	0.056	NA	0.056
Acenaphthene	83-32-9	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.42	NA	0.42
Acenaphthylene	208-96-8	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.21	NA	0.21
Anthracene	120-12-7	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	2.1	NA	2.1
Benzidine	92-87-5	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	NA	NA	No SRO
Benzo(a)anthracene	56-55-3	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.00013	NA	0.00013

Table 2
Groundwater Analytical Data
Moline Automotive

						Number of Detections	Frequency of Detection	Maximum Detected Concentration	Most Restrictive Tier 1 Groundwater Remediation Objective	Maximum Exceeds Most Restrictive Objective?	Tier 1 Groundwater Remediation Objective
		Sample ID		BLANK	BLANK						
				L467759-19	L467759-21						
		Date Collected		7/1/10	7/1/10						
Parameter	**CAS No.**	**Method**	**Units**								**Class I**
Benzo(a)pyrene	50-32-8	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.0002	NA	0.0002
Benzo(b)fluoranthene	205-99-2	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.00018	NA	0.00018
Benzo(g,h,i)perylene	191-24-2	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.21	NA	0.21
Benzo(k)fluoranthene	207-08-9	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.00017	NA	0.00017
Benzylbutyl phthalate	85-68-7	8270C	mg/l		<0.0010	0	0 of 6 (0%)	NA	1.4	NA	1.4
Bis(2-chlorethoxy)methane	111-91-1	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	NA	NA	No SRO
Bis(2-chloroethyl)ether	111-44-4	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	0.01	NA	0.01
Bis(2-chloroisopropyl)ether	108-60-1	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	0.28	NA	0.28
Bis(2-ethylhexyl)phthalate	117-81-7	8270C	mg/l		0.0056	4	4 of 6 (67%)	0.012	0.006	**YES**	0.006
Chrysene	218-01-9	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.0015	NA	0.0015
Dibenz(a,h)anthracene	53-70-3	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.0003	NA	0.0003
Diethyl phthalate	84-66-2	8270C	mg/l		<0.0010	1	1 of 6 (17%)	0.0014	5.6	NO	5.6
Dimethyl phthalate	131-11-3	8270C	mg/l		<0.0010	0	0 of 6 (0%)	NA	70	NA	70
Di-n-butyl phthalate	84-74-2	8270C	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.7	NA	0.7
Di-n-octyl phthalate	117-84-0	8270C	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.14	NA	0.14
Fluoranthene	206-44-0	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.28	NA	0.28
Fluorene	86-73-7	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.28	NA	0.28
Hexachloro-1,3-butadiene	87-68-3	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	0.0014	NA	0.0014
Hexachlorobenzene	118-74-1	8270C	mg/l		<0.0010	0	0 of 6 (0%)	NA	0.00006	NA	0.00006
Hexachlorocyclopentadiene	77-47-4	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	0.05	NA	0.05
Hexachloroethane	67-72-1	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	0.007	NA	0.007
Indeno(1,2,3-cd)pyrene	193-39-5	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.00043	NA	0.00043
Isophorone	78-59-1	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	1.4	NA	1.4
Naphthalene	91-20-3	8270C	mg/l	0.00029	<0.0010	0	0 of 8 (0%)	NA	0.14	NA	0.14
Nitrobenzene	98-95-3	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	0.0035	NA	0.0035
n-Nitrosodimethylamine	62-75-9	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	NA	NA	No SRO
n-Nitrosodi-n-propylamine	621-64-7	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	0.0018	NA	0.0018
n-Nitrosodiphenylamine	86-30-6	8270C	mg/l		<0.010	0	0 of 6 (0%)	NA	0.0032	NA	0.0032
Pentachlorophenol	87-86-5	8270C	mg/l		<0.010	0	0 of 2 (0%)	NA	0.001	NA	0.001
Phenanthrene	85-01-8	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.21	NA	0.21
Phenol	108-95-2	8270C	mg/l		<0.010	0	0 of 2 (0%)	NA	0.1	NA	0.1
Pyrene	129-00-0	8270C	mg/l	<0.000050	<0.0010	0	0 of 8 (0%)	NA	0.21	NA	0.21
Polychlorinated Biphenyl Parameters											
PCB 1016	12674-11-2	8082	mg/l	<0.00050		0	0 of 2 (0%)	NA	NA	NA	---
PCB 1221	11104-28-2	8082	mg/l	<0.00050		0	0 of 2 (0%)	NA	NA	NA	---
PCB 1232	11141-16-5	8082	mg/l	<0.00050		0	0 of 2 (0%)	NA	NA	NA	---
PCB 1242	53469-21-9	8082	mg/l	<0.00050		0	0 of 2 (0%)	NA	NA	NA	---
PCB 1248	12672-29-6	8082	mg/l	<0.00050		0	0 of 2 (0%)	NA	NA	NA	---
PCB 1254	11097-69-1	8082	mg/l	<0.00050		0	0 of 2 (0%)	NA	NA	NA	---
PCB 1260	11096-82-5	8082	mg/l	<0.00050		0	0 of 2 (0%)	NA	NA	NA	---
Inorganic Analytical Parameters											
Lead	7439-92-1	6010B	mg/L		<0.0050	1	1 of 3 (33%)	0.032	0.0075	**YES**	0.0075

APPENDIX C

City of Moline Ordinance No. 3022-2010

STATE OF ILLINOIS)
) SS
ROCK ISLAND COUNTY)

I, Tracy A. Koranda, City Clerk for the City of Moline, County of Rock Island, State of Illinois, do hereby certify that the foregoing Ordinance, General Ordinance 3022-2010, is a true and correct copy of the original Ordinance passed by the City Council of the City of Moline, Illinois, at a meeting duly convened and held on the 20th day of April, 2010.

IN WITNESS WHEREOF, I have hereunto signed my name and affixed the corporate seal of the City of Moline, Illinois, this 3rd day of May, 2010.

Tracy A. Koranda
City Clerk

(Seal)

Council Bill/General Ordinance No. 3022-2010
Sponsor: _____

AN ORDINANCE

AMENDING Chapter 34, "WATERS AND SEWERS," of the Moline Code of Ordinances, by amending Section 34-2300, "USE OF GROUNDWATER AS A POTABLE WATER SUPPLY PROHIBITED," by repealing said section in its entirety and replacing it with one new Section 34-2300 dealing with the same subject matter.

WHEREAS, the Illinois Environmental Protection Agency has requested the City of Moline make two minor changes to its groundwater regulations; and

WHEREAS, the amended ordinance will allow property owners to request a No Further Remediation letter from the Illinois Environmental Protection Agency after remediation has occurred.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MOLINE, ILLINOIS, as follows:

Section 1 – That Chapter 34, "WATERS AND SEWERS," of the Moline Code of Ordinances, Section 34-2300, "USE OF GROUNDWATER AS A POTABLE WATER SUPPLY PROHIBITED," is hereby amended by repealing said section in its entirety and replacing it with one new Section 34-2300 dealing with the same subject, which shall read as follows:

"SEC. 34-2300. USE OF GROUNDWATER AS A POTABLE WATER SUPPLY PROHIBITED.

Except for such uses or methods in existence before the effective date of this ordinance, the use or attempt to use as a potable water supply groundwater from within the corporate limits of the City of Moline by the installation or drilling of wells or by any other method is hereby prohibited, including at points of withdrawal by the City of Moline."

Section 2 – That this ordinance shall be in full force and effect from and after passage, approval, and if required by law, publication in the manner provided for by law.

CITY OF MOLINE, ILLINOIS

Ronald R. Wehrwein
Mayor

4/20/10
Date

Passed: 4.20.10

Approved: 4.27.10

Attest: Tracy Koranda
City Clerk

APPROVED AS TO FORM:

Law Director

APPENDIX D

Soil Boring Logs and Monitoring Well Construction Diagrams

BORING NO. B-1

CLIENT
City of Moline

SITE
Moline, Illinois

PROJECT
Moline Automotive

BOREHOLE DIA.: 6 in
WELL DIA.: 2 in

GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES RECOVERY, in.	SAMPLES SPT - N BLOWS / ft.	TESTS WATER CONTENT, %	TESTS FIELD VAPOR TEST (PPM)*
	0.25 **SILTY SAND** Dark Brown				1		32			
	SILTY CLAY Dark Brown									
	Very Moist at about 4 feet		5		2		22			
	5.5 **CLAY** Red									
	8.5 **MEDIUM SAND** Brown		10		3		36			
	12 BOTTOM OF BORING									

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

WATER LEVEL OBSERVATIONS, ft			
WL	▽ 8	WS	▼
WL	▼		▼
WL			

Terracon

BORING STARTED	7-1-10		
BORING COMPLETED	7-1-10		
RIG		FOREMAN	JRB
APPROVED	JRB	JOB #	07067060

BORING NO. B-2

CLIENT
City of Moline

SITE
Moline, Illinois

PROJECT
Moline Automotive

BOREHOLE DIA.: 6 in
WELL DIA.: 2 in

GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES RECOVERY, in.	SAMPLES SPT - N BLOWS / ft.	TESTS WATER CONTENT, %	TESTS FIELD VAPOR TEST (PPM)*
0.333	**ASPHALTIC CEMENT CONCRETE**				1		12			0
	FILL, FINE TO MEDIUM SAND Light medium brown									
4										
	SILTY CLAY Dark Brown		5		2		30			0
8										
	SILTY CLAY Brown/Gray				3		30			76.5
9.5										
	SILTY SANDY CLAY		10							
					4		48			0
	Black Sand Seam at 10'		15							
16										
	BOTTOM OF BORING									

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

WATER LEVEL OBSERVATIONS, ft		
WL	▽	▼
WL	▼	▼
WL		

Terracon

BORING STARTED	7-1-10		
BORING COMPLETED	7-1-10		
RIG		FOREMAN	JRB
APPROVED	JRB	JOB #	07067060

BORING NO. B-3

CLIENT
City of Moline

SITE
Moline, Illinois

PROJECT
Moline Automotive

BOREHOLE DIA.: 6 in
WELL DIA.: 2 in

GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES RECOVERY, in.	SAMPLES SPT - N BLOWS / ft.	TESTS WATER CONTENT, %	TESTS FIELD VAPOR TEST (PPM)*
	0.25 **ASPHALTIC CEMENT CONCRETE**				1		8			0
	SANDY SILTY CLAY Brown									
					2		18			78.5
			5							
	7.5 **CLAY** Gray w/ Gravel in Upper 1'				3		20			0
	9 **SAND** Dark Brown Wet									
	10 **CLAY** Gray/Black Wet		10							
					4		30			0
			15							
	16 BOTTOM OF BORING									

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

WATER LEVEL OBSERVATIONS, ft		
WL	▽	▼
WL	▼	▼
WL		

Terracon

BORING STARTED	7-1-10		
BORING COMPLETED	7-1-10		
RIG		FOREMAN	JRB
APPROVED	JRB	JOB #	07067060

BORING NO. B-4

CLIENT
City of Moline

SITE
Moline, Illinois

PROJECT
Moline Automotive

BOREHOLE DIA.: 6 in
WELL DIA.: 2 in

GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES RECOVERY, in.	SAMPLES SPT - N BLOWS / ft.	TESTS WATER CONTENT, %	TESTS FIELD VAPOR TEST (PPM)*
	0.167 **ASPHALTIC CEMENT CONCRETE**				1		6			0
	0.5 **FILL, CRUSHED ROCK** w/ Brick									
	SANDY CLAY Dark Brown									
	4.5				2		40			0
	CLAY Brown to Red		5							
	5.5 **MEDIUM SAND** Brown									
					3		30			0
			10							
					4		36			0
	15									
	CLAY Gray/Black		15							
	16 BOTTOM OF BORING									

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

WATER LEVEL OBSERVATIONS, ft		
WL	▽	▼
WL	▼	▼
WL		

Terracon

BORING STARTED	7-1-10		
BORING COMPLETED	7-1-10		
RIG		FOREMAN	JRB
APPROVED	JRB	JOB #	07067060

BORING NO. B-5

CLIENT
City of Moline

SITE
Moline, Illinois

PROJECT
Moline Automotive

BOREHOLE DIA.: 6 in
WELL DIA.: 2 in

GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	TESTS WATER CONTENT, %	FIELD VAPOR TEST (PPM)*
	0.5 **FILL, SAND/GRAVEL** Medium Brown				1		6			0
	SILTY SAND Medium Brown									
					2		24			0
			5							
					3		24			0
	10									
	CLAY Gray		10							
					4		18			0
			15							
	16									
	BOTTOM OF BORING									

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

WATER LEVEL OBSERVATIONS, ft		
WL	▽	▼
WL	▼	▼
WL		

Terracon

BORING STARTED	7-1-10		
BORING COMPLETED	7-1-10		
RIG		FOREMAN	JRB
APPROVED	JRB	JOB #	07067060

BORING NO. B-6

CLIENT
City of Moline

SITE
Moline, Illinois

PROJECT
Moline Automotive

BOREHOLE DIA.: 6 in
WELL DIA.: 2 in

GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES RECOVERY, in.	SAMPLES SPT - N BLOWS / ft.	TESTS WATER CONTENT, %	TESTS FIELD VAPOR TEST (PPM)*
	0.5 **FILL, SANDY GRAVEL**				1		6			0
	SILTY SAND Medium Brown									
					2		8			0
			5							
	8.5 **SAND** Medium Brown				3		36			0
			10							
	12 **CLAY** Gray, Firm				4		40			0
			15							
	16 BOTTOM OF BORING									

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

WATER LEVEL OBSERVATIONS, ft		
WL	▽	▼
WL	▼	▼
WL		

Terracon

BORING STARTED	7-1-10		
BORING COMPLETED	7-1-10		
RIG		FOREMAN	JRB
APPROVED	JRB	JOB #	07067060

APPENDIX E

Analytical Results and Chains of Custody

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

Report Summary

Friday July 16, 2010

Report Number: L467759
Samples Received: 07/03/10
Client Project: 07067060

Description: Moline Auto

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: _____
Jeff Carr , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002,NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A

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Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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Est. 1970

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

Case Narrative

Friday July 16, 2010

Report Number: L467759
Samples Received: 07/03/10
Client Project: 07067060

Description: Moline Auto

Other Comments

The acid extractable semi-volatile organic compounds for samples L467759-13, -15, -16 and -17 are not reportable due to surrogates failing low. There is insufficient volume to confirm possible matrix effects.

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-01

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B1 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 11:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	81.6		%	2540G	07/09/10	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.040	mg/kg	8270C	07/08/10	1
Acenaphthene	BDL	0.040	mg/kg	8270C	07/08/10	1
Acenaphthylene	BDL	0.040	mg/kg	8270C	07/08/10	1
Benzo(a)anthracene	BDL	0.040	mg/kg	8270C	07/08/10	1
Benzo(a)pyrene	BDL	0.040	mg/kg	8270C	07/08/10	1
Benzo(b)fluoranthene	BDL	0.040	mg/kg	8270C	07/08/10	1
Benzo(g,h,i)perylene	BDL	0.040	mg/kg	8270C	07/08/10	1
Benzo(k)fluoranthene	BDL	0.040	mg/kg	8270C	07/08/10	1
Chrysene	BDL	0.040	mg/kg	8270C	07/08/10	1
Dibenz(a,h)anthracene	BDL	0.040	mg/kg	8270C	07/08/10	1
Fluoranthene	BDL	0.040	mg/kg	8270C	07/08/10	1
Fluorene	BDL	0.040	mg/kg	8270C	07/08/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.040	mg/kg	8270C	07/08/10	1
Naphthalene	BDL	0.040	mg/kg	8270C	07/08/10	1
Phenanthrene	BDL	0.040	mg/kg	8270C	07/08/10	1
Pyrene	BDL	0.040	mg/kg	8270C	07/08/10	1
Surrogate Recovery						
Nitrobenzene-d5	43.4		% Rec.	8270C	07/08/10	1
2-Fluorobiphenyl	61.6		% Rec.	8270C	07/08/10	1
p-Terphenyl-d14	57.9		% Rec.	8270C	07/08/10	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.021	mg/kg	8082	07/09/10	1
PCB 1221	BDL	0.021	mg/kg	8082	07/09/10	1
PCB 1232	BDL	0.021	mg/kg	8082	07/09/10	1
PCB 1242	BDL	0.021	mg/kg	8082	07/09/10	1
PCB 1248	BDL	0.021	mg/kg	8082	07/09/10	1
PCB 1254	BDL	0.021	mg/kg	8082	07/09/10	1
PCB 1260	BDL	0.021	mg/kg	8082	07/09/10	1
PCBs Surrogates						
Decachlorobiphenyl	76.0		% Rec.	8082	07/09/10	1
Tetrachloro-m-xylene	63.3		% Rec.	8082	07/09/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-02

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B1 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 11:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	78.9		%	2540G	07/09/10	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.042	mg/kg	8270C	07/08/10	1
Acenaphthene	BDL	0.042	mg/kg	8270C	07/08/10	1
Acenaphthylene	BDL	0.042	mg/kg	8270C	07/08/10	1
Benzo(a)anthracene	BDL	0.042	mg/kg	8270C	07/08/10	1
Benzo(a)pyrene	BDL	0.042	mg/kg	8270C	07/08/10	1
Benzo(b)fluoranthene	BDL	0.042	mg/kg	8270C	07/08/10	1
Benzo(g,h,i)perylene	BDL	0.042	mg/kg	8270C	07/08/10	1
Benzo(k)fluoranthene	BDL	0.042	mg/kg	8270C	07/08/10	1
Chrysene	BDL	0.042	mg/kg	8270C	07/08/10	1
Dibenz(a,h)anthracene	BDL	0.042	mg/kg	8270C	07/08/10	1
Fluoranthene	BDL	0.042	mg/kg	8270C	07/08/10	1
Fluorene	BDL	0.042	mg/kg	8270C	07/08/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.042	mg/kg	8270C	07/08/10	1
Naphthalene	BDL	0.042	mg/kg	8270C	07/08/10	1
Phenanthrene	BDL	0.042	mg/kg	8270C	07/08/10	1
Pyrene	BDL	0.042	mg/kg	8270C	07/08/10	1
Surrogate Recovery						
Nitrobenzene-d5	53.9		% Rec.	8270C	07/08/10	1
2-Fluorobiphenyl	73.3		% Rec.	8270C	07/08/10	1
p-Terphenyl-d14	68.5		% Rec.	8270C	07/08/10	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.022	mg/kg	8082	07/09/10	1
PCB 1221	BDL	0.022	mg/kg	8082	07/09/10	1
PCB 1232	BDL	0.022	mg/kg	8082	07/09/10	1
PCB 1242	BDL	0.022	mg/kg	8082	07/09/10	1
PCB 1248	BDL	0.022	mg/kg	8082	07/09/10	1
PCB 1254	BDL	0.022	mg/kg	8082	07/09/10	1
PCB 1260	BDL	0.022	mg/kg	8082	07/09/10	1
PCBs Surrogates						
Decachlorobiphenyl	74.5		% Rec.	8082	07/09/10	1
Tetrachloro-m-xylene	77.5		% Rec.	8082	07/09/10	1

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-03

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B2 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 10:13

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	95.9		%	2540G	07/09/10	1
Volatile Organics						
Acetone	0.087	0.052	mg/kg	8260B	07/14/10	1
Acrylonitrile	BDL	0.010	mg/kg	8260B	07/14/10	1
Benzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	07/14/10	1
Bromoform	BDL	0.0010	mg/kg	8260B	07/14/10	1
Bromomethane	BDL	0.0052	mg/kg	8260B	07/14/10	1
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	07/14/10	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	07/14/10	1
Chloroethane	BDL	0.0052	mg/kg	8260B	07/14/10	1
2-Chloroethyl vinyl ether	BDL	0.052	mg/kg	8260B	07/14/10	1
Chloroform	BDL	0.0052	mg/kg	8260B	07/14/10	1
Chloromethane	BDL	0.0010	mg/kg	8260B	07/14/10	1
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	07/14/10	1
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0052	mg/kg	8260B	07/14/10	1
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	07/14/10	1
Dibromomethane	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
Dichlorodifluoromethane	BDL	0.0052	mg/kg	8260B	07/14/10	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	07/14/10	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	07/14/10	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,3-Dichloropropane	BDL	0.0010	mg/kg	8260B	07/14/10	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	07/14/10	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	07/14/10	1
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	07/14/10	1
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	07/14/10	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	07/14/10	1
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-03

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B2 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 10:13

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	07/14/10	1
2-Butanone (MEK)	0.013	0.010	mg/kg	8260B	07/14/10	1
Methylene Chloride	BDL	0.0052	mg/kg	8260B	07/14/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	07/14/10	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	07/14/10	1
Naphthalene	0.0069	0.0052	mg/kg	8260B	07/15/10	1
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
Styrene	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	07/14/10	1
Tetrachloroethene	BDL	0.0010	mg/kg	8260B	07/14/10	1
Toluene	BDL	0.0052	mg/kg	8260B	07/14/10	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/kg	8260B	07/14/10	1
Trichloroethene	BDL	0.0010	mg/kg	8260B	07/14/10	1
Trichlorofluoromethane	BDL	0.0052	mg/kg	8260B	07/14/10	1
1,2,3-Trichloropropane	BDL	0.0010	mg/kg	8260B	07/14/10	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	07/14/10	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	07/14/10	1
Xylenes, Total	BDL	0.0031	mg/kg	8260B	07/14/10	1
Surrogate Recovery						
Toluene-d8	96.8		% Rec.	8260B	07/14/10	1
Dibromofluoromethane	86.8		% Rec.	8260B	07/14/10	1
4-Bromofluorobenzene	79.1		% Rec.	8260B	07/14/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.69	mg/kg	8270C	07/08/10	20
Acenaphthylene	BDL	0.69	mg/kg	8270C	07/08/10	20
Anthracene	BDL	0.69	mg/kg	8270C	07/08/10	20
Benzidine	BDL	6.9	mg/kg	8270C	07/08/10	20
Benzo(a)anthracene	0.99	0.69	mg/kg	8270C	07/08/10	20
Benzo(b)fluoranthene	1.2	0.69	mg/kg	8270C	07/08/10	20
Benzo(k)fluoranthene	BDL	0.69	mg/kg	8270C	07/08/10	20
Benzo(g,h,i)perylene	BDL	0.69	mg/kg	8270C	07/08/10	20
Benzo(a)pyrene	0.82	0.69	mg/kg	8270C	07/08/10	20
Bis(2-chlorethoxy)methane	BDL	6.9	mg/kg	8270C	07/08/10	20
Bis(2-chloroethyl)ether	BDL	6.9	mg/kg	8270C	07/08/10	20
Bis(2-chloroisopropyl)ether	BDL	6.9	mg/kg	8270C	07/08/10	20
4-Bromophenyl-phenylether	BDL	6.9	mg/kg	8270C	07/08/10	20
2-Chloronaphthalene	BDL	0.69	mg/kg	8270C	07/08/10	20

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-03

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B2 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 10:13

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4-Chlorophenyl-phenylether	BDL	6.9	mg/kg	8270C	07/08/10	20
Chrysene	0.81	0.69	mg/kg	8270C	07/08/10	20
Dibenz(a,h)anthracene	BDL	0.69	mg/kg	8270C	07/08/10	20
3,3-Dichlorobenzidine	BDL	6.9	mg/kg	8270C	07/08/10	20
2,4-Dinitrotoluene	BDL	6.9	mg/kg	8270C	07/08/10	20
2,6-Dinitrotoluene	BDL	6.9	mg/kg	8270C	07/08/10	20
Fluoranthene	2.0	0.69	mg/kg	8270C	07/08/10	20
Fluorene	BDL	0.69	mg/kg	8270C	07/08/10	20
Hexachlorobenzene	BDL	6.9	mg/kg	8270C	07/08/10	20
Hexachloro-1,3-butadiene	BDL	6.9	mg/kg	8270C	07/08/10	20
Hexachlorocyclopentadiene	BDL	6.9	mg/kg	8270C	07/08/10	20
Hexachloroethane	BDL	6.9	mg/kg	8270C	07/08/10	20
Indeno(1,2,3-cd)pyrene	BDL	0.69	mg/kg	8270C	07/08/10	20
Isophorone	BDL	6.9	mg/kg	8270C	07/08/10	20
Naphthalene	BDL	0.69	mg/kg	8270C	07/08/10	20
Nitrobenzene	BDL	6.9	mg/kg	8270C	07/08/10	20
n-Nitrosodimethylamine	BDL	6.9	mg/kg	8270C	07/08/10	20
n-Nitrosodiphenylamine	BDL	6.9	mg/kg	8270C	07/08/10	20
n-Nitrosodi-n-propylamine	BDL	6.9	mg/kg	8270C	07/08/10	20
Phenanthrene	1.0	0.69	mg/kg	8270C	07/08/10	20
Benzylbutyl phthalate	BDL	6.9	mg/kg	8270C	07/08/10	20
Bis(2-ethylhexyl)phthalate	BDL	6.9	mg/kg	8270C	07/08/10	20
Di-n-butyl phthalate	BDL	6.9	mg/kg	8270C	07/08/10	20
Diethyl phthalate	BDL	6.9	mg/kg	8270C	07/08/10	20
Dimethyl phthalate	BDL	6.9	mg/kg	8270C	07/08/10	20
Di-n-octyl phthalate	BDL	6.9	mg/kg	8270C	07/08/10	20
Pyrene	1.4	0.69	mg/kg	8270C	07/08/10	20
1,2,4-Trichlorobenzene	BDL	6.9	mg/kg	8270C	07/08/10	20
Acid Extractables						
4-Chloro-3-methylphenol	BDL	6.9	mg/kg	8270C	07/08/10	20
2-Chlorophenol	BDL	6.9	mg/kg	8270C	07/08/10	20
2,4-Dichlorophenol	BDL	6.9	mg/kg	8270C	07/08/10	20
2,4-Dimethylphenol	BDL	6.9	mg/kg	8270C	07/08/10	20
4,6-Dinitro-2-methylphenol	BDL	6.9	mg/kg	8270C	07/08/10	20
2,4-Dinitrophenol	BDL	6.9	mg/kg	8270C	07/08/10	20
2-Nitrophenol	BDL	6.9	mg/kg	8270C	07/08/10	20
4-Nitrophenol	BDL	6.9	mg/kg	8270C	07/08/10	20
Pentachlorophenol	BDL	6.9	mg/kg	8270C	07/08/10	20
Phenol	BDL	6.9	mg/kg	8270C	07/08/10	20
2,4,6-Trichlorophenol	BDL	6.9	mg/kg	8270C	07/08/10	20
Surrogate Recovery						
2-Fluorophenol	0.00		% Rec.	8270C	07/08/10	20
Phenol-d5	0.00		% Rec.	8270C	07/08/10	20
Nitrobenzene-d5	0.00		% Rec.	8270C	07/08/10	20

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BDL - Below Detection Limit
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-03

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B2 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 10:13

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2-Fluorobiphenyl	0.00		% Rec.	8270C	07/08/10	20
2,4,6-Tribromophenol	0.00		% Rec.	8270C	07/08/10	20
p-Terphenyl-d14	0.00		% Rec.	8270C	07/08/10	20

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-04

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B2 8-12FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 10:44

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	78.3		%	2540G	07/09/10	1
Volatile Organics						
Acetone	BDL	6.4	mg/kg	8260B	07/14/10	100
Acrylonitrile	BDL	1.3	mg/kg	8260B	07/14/10	100
Benzene	BDL	0.13	mg/kg	8260B	07/14/10	100
Bromobenzene	BDL	0.13	mg/kg	8260B	07/14/10	100
Bromodichloromethane	BDL	0.13	mg/kg	8260B	07/14/10	100
Bromoform	BDL	0.13	mg/kg	8260B	07/14/10	100
Bromomethane	BDL	0.64	mg/kg	8260B	07/14/10	100
n-Butylbenzene	BDL	0.13	mg/kg	8260B	07/14/10	100
sec-Butylbenzene	BDL	0.13	mg/kg	8260B	07/14/10	100
tert-Butylbenzene	BDL	0.13	mg/kg	8260B	07/14/10	100
Carbon tetrachloride	BDL	0.13	mg/kg	8260B	07/14/10	100
Chlorobenzene	BDL	0.13	mg/kg	8260B	07/14/10	100
Chlorodibromomethane	BDL	0.13	mg/kg	8260B	07/14/10	100
Chloroethane	BDL	0.64	mg/kg	8260B	07/14/10	100
2-Chloroethyl vinyl ether	BDL	6.4	mg/kg	8260B	07/14/10	100
Chloroform	BDL	0.64	mg/kg	8260B	07/14/10	100
Chloromethane	BDL	0.13	mg/kg	8260B	07/14/10	100
2-Chlorotoluene	BDL	0.13	mg/kg	8260B	07/14/10	100
4-Chlorotoluene	BDL	0.13	mg/kg	8260B	07/14/10	100
1,2-Dibromo-3-Chloropropane	BDL	0.64	mg/kg	8260B	07/14/10	100
1,2-Dibromoethane	BDL	0.13	mg/kg	8260B	07/14/10	100
Dibromomethane	BDL	0.13	mg/kg	8260B	07/14/10	100
1,2-Dichlorobenzene	BDL	0.13	mg/kg	8260B	07/14/10	100
1,3-Dichlorobenzene	BDL	0.13	mg/kg	8260B	07/14/10	100
1,4-Dichlorobenzene	BDL	0.13	mg/kg	8260B	07/14/10	100
Dichlorodifluoromethane	BDL	0.64	mg/kg	8260B	07/14/10	100
1,1-Dichloroethane	BDL	0.13	mg/kg	8260B	07/14/10	100
1,2-Dichloroethane	BDL	0.13	mg/kg	8260B	07/14/10	100
1,1-Dichloroethene	BDL	0.13	mg/kg	8260B	07/14/10	100
cis-1,2-Dichloroethene	BDL	0.13	mg/kg	8260B	07/14/10	100
trans-1,2-Dichloroethene	BDL	0.13	mg/kg	8260B	07/14/10	100
1,2-Dichloropropane	BDL	0.13	mg/kg	8260B	07/14/10	100
1,1-Dichloropropene	BDL	0.13	mg/kg	8260B	07/14/10	100
1,3-Dichloropropane	BDL	0.13	mg/kg	8260B	07/14/10	100
cis-1,3-Dichloropropene	BDL	0.13	mg/kg	8260B	07/14/10	100
trans-1,3-Dichloropropene	BDL	0.13	mg/kg	8260B	07/14/10	100
2,2-Dichloropropane	BDL	0.13	mg/kg	8260B	07/14/10	100
Di-isopropyl ether	BDL	0.13	mg/kg	8260B	07/14/10	100
Ethylbenzene	3.4	0.13	mg/kg	8260B	07/14/10	100
Hexachloro-1,3-butadiene	BDL	0.13	mg/kg	8260B	07/14/10	100
Isopropylbenzene	BDL	0.13	mg/kg	8260B	07/14/10	100

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-04

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B2 8-12FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 10:44

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.13	mg/kg	8260B	07/14/10	100
2-Butanone (MEK)	BDL	1.3	mg/kg	8260B	07/14/10	100
Methylene Chloride	BDL	0.64	mg/kg	8260B	07/14/10	100
4-Methyl-2-pentanone (MIBK)	BDL	1.3	mg/kg	8260B	07/14/10	100
Methyl tert-butyl ether	BDL	0.13	mg/kg	8260B	07/14/10	100
Naphthalene	BDL	0.64	mg/kg	8260B	07/14/10	100
n-Propylbenzene	BDL	0.13	mg/kg	8260B	07/14/10	100
Styrene	BDL	0.13	mg/kg	8260B	07/14/10	100
1,1,1,2-Tetrachloroethane	BDL	0.13	mg/kg	8260B	07/14/10	100
1,1,2,2-Tetrachloroethane	BDL	0.13	mg/kg	8260B	07/14/10	100
Tetrachloroethene	BDL	0.13	mg/kg	8260B	07/14/10	100
Toluene	BDL	0.64	mg/kg	8260B	07/14/10	100
1,2,3-Trichlorobenzene	BDL	0.13	mg/kg	8260B	07/14/10	100
1,2,4-Trichlorobenzene	BDL	0.13	mg/kg	8260B	07/14/10	100
1,1,1-Trichloroethane	BDL	0.13	mg/kg	8260B	07/14/10	100
1,1,2-Trichloroethane	BDL	0.13	mg/kg	8260B	07/14/10	100
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.13	mg/kg	8260B	07/14/10	100
Trichloroethene	BDL	0.13	mg/kg	8260B	07/14/10	100
Trichlorofluoromethane	BDL	0.64	mg/kg	8260B	07/14/10	100
1,2,3-Trichloropropane	BDL	0.13	mg/kg	8260B	07/14/10	100
1,2,4-Trimethylbenzene	0.20	0.13	mg/kg	8260B	07/14/10	100
1,3,5-Trimethylbenzene	BDL	0.13	mg/kg	8260B	07/14/10	100
Vinyl chloride	BDL	0.13	mg/kg	8260B	07/14/10	100
Xylenes, Total	11.	0.38	mg/kg	8260B	07/14/10	100
Surrogate Recovery						
Toluene-d8	98.0		% Rec.	8260B	07/14/10	100
Dibromofluoromethane	88.2		% Rec.	8260B	07/14/10	100
4-Bromofluorobenzene	110.		% Rec.	8260B	07/14/10	100
Base/Neutral Extractables						
Acenaphthene	BDL	0.042	mg/kg	8270C	07/10/10	1
Acenaphthylene	BDL	0.042	mg/kg	8270C	07/10/10	1
Anthracene	BDL	0.042	mg/kg	8270C	07/10/10	1
Benzidine	BDL	0.42	mg/kg	8270C	07/10/10	1
Benzo(a)anthracene	BDL	0.042	mg/kg	8270C	07/10/10	1
Benzo(b)fluoranthene	BDL	0.042	mg/kg	8270C	07/10/10	1
Benzo(k)fluoranthene	BDL	0.042	mg/kg	8270C	07/10/10	1
Benzo(g,h,i)perylene	BDL	0.042	mg/kg	8270C	07/10/10	1
Benzo(a)pyrene	BDL	0.042	mg/kg	8270C	07/10/10	1
Bis(2-chlorethoxy)methane	BDL	0.42	mg/kg	8270C	07/10/10	1
Bis(2-chloroethyl)ether	BDL	0.42	mg/kg	8270C	07/10/10	1
Bis(2-chloroisopropyl)ether	BDL	0.42	mg/kg	8270C	07/10/10	1
4-Bromophenyl-phenylether	BDL	0.42	mg/kg	8270C	07/10/10	1
2-Chloronaphthalene	BDL	0.042	mg/kg	8270C	07/10/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-04

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B2 8-12FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 10:44

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4-Chlorophenyl-phenylether	BDL	0.42	mg/kg	8270C	07/10/10	1
Chrysene	BDL	0.042	mg/kg	8270C	07/10/10	1
Dibenz(a,h)anthracene	BDL	0.042	mg/kg	8270C	07/10/10	1
3,3-Dichlorobenzidine	BDL	0.42	mg/kg	8270C	07/10/10	1
2,4-Dinitrotoluene	BDL	0.42	mg/kg	8270C	07/10/10	1
2,6-Dinitrotoluene	BDL	0.42	mg/kg	8270C	07/10/10	1
Fluoranthene	BDL	0.042	mg/kg	8270C	07/10/10	1
Fluorene	BDL	0.042	mg/kg	8270C	07/10/10	1
Hexachlorobenzene	BDL	0.42	mg/kg	8270C	07/10/10	1
Hexachloro-1,3-butadiene	BDL	0.42	mg/kg	8270C	07/10/10	1
Hexachlorocyclopentadiene	BDL	0.42	mg/kg	8270C	07/10/10	1
Hexachloroethane	BDL	0.42	mg/kg	8270C	07/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.042	mg/kg	8270C	07/10/10	1
Isophorone	BDL	0.42	mg/kg	8270C	07/10/10	1
Naphthalene	BDL	0.042	mg/kg	8270C	07/10/10	1
Nitrobenzene	BDL	0.42	mg/kg	8270C	07/10/10	1
n-Nitrosodimethylamine	BDL	0.42	mg/kg	8270C	07/10/10	1
n-Nitrosodiphenylamine	BDL	0.42	mg/kg	8270C	07/10/10	1
n-Nitrosodi-n-propylamine	BDL	0.42	mg/kg	8270C	07/10/10	1
Phenanthrene	BDL	0.042	mg/kg	8270C	07/10/10	1
Benzylbutyl phthalate	BDL	0.42	mg/kg	8270C	07/10/10	1
Bis(2-ethylhexyl)phthalate	BDL	0.42	mg/kg	8270C	07/10/10	1
Di-n-butyl phthalate	BDL	0.42	mg/kg	8270C	07/10/10	1
Diethyl phthalate	BDL	0.42	mg/kg	8270C	07/10/10	1
Dimethyl phthalate	BDL	0.42	mg/kg	8270C	07/10/10	1
Di-n-octyl phthalate	BDL	0.42	mg/kg	8270C	07/10/10	1
Pyrene	BDL	0.042	mg/kg	8270C	07/10/10	1
1,2,4-Trichlorobenzene	BDL	0.42	mg/kg	8270C	07/10/10	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.42	mg/kg	8270C	07/10/10	1
2-Chlorophenol	BDL	0.42	mg/kg	8270C	07/10/10	1
2,4-Dichlorophenol	BDL	0.42	mg/kg	8270C	07/10/10	1
2,4-Dimethylphenol	BDL	0.42	mg/kg	8270C	07/10/10	1
4,6-Dinitro-2-methylphenol	BDL	0.42	mg/kg	8270C	07/10/10	1
2,4-Dinitrophenol	BDL	0.42	mg/kg	8270C	07/10/10	1
2-Nitrophenol	BDL	0.42	mg/kg	8270C	07/10/10	1
4-Nitrophenol	BDL	0.42	mg/kg	8270C	07/10/10	1
Pentachlorophenol	BDL	0.42	mg/kg	8270C	07/10/10	1
Phenol	BDL	0.42	mg/kg	8270C	07/10/10	1
2,4,6-Trichlorophenol	BDL	0.42	mg/kg	8270C	07/10/10	1
Surrogate Recovery						
2-Fluorophenol	82.4		% Rec.	8270C	07/10/10	1
Phenol-d5	79.6		% Rec.	8270C	07/10/10	1
Nitrobenzene-d5	67.1		% Rec.	8270C	07/10/10	1

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Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-04

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B2 8-12FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 10:44

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2-Fluorobiphenyl	87.6		% Rec.	8270C	07/10/10	1
2,4,6-Tribromophenol	79.5		% Rec.	8270C	07/10/10	1
p-Terphenyl-d14	73.1		% Rec.	8270C	07/10/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 07/16/10 10:25 Printed: 07/16/10 11:43

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-05

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B3 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
pH	8.4		su	9045D	07/09/10	1
Total Solids	86.6		%	2540G	07/09/10	1
Volatile Organics						
Acetone	BDL	0.058	mg/kg	8260B	07/14/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/14/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/14/10	1
Bromomethane	BDL	0.0058	mg/kg	8260B	07/14/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/14/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
Chloroethane	BDL	0.0058	mg/kg	8260B	07/14/10	1
2-Chloroethyl vinyl ether	BDL	0.058	mg/kg	8260B	07/14/10	1
Chloroform	BDL	0.0058	mg/kg	8260B	07/14/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/14/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0058	mg/kg	8260B	07/14/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Dichlorodifluoromethane	BDL	0.0058	mg/kg	8260B	07/14/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/14/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/14/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/14/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/14/10	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/14/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/14/10	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/14/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L467759-05 (PH) - 8.4@22.0c

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-05

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B3 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/14/10	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	07/14/10	1
Methylene Chloride	BDL	0.0058	mg/kg	8260B	07/14/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/14/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/14/10	1
Naphthalene	BDL	0.0058	mg/kg	8260B	07/14/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Toluene	BDL	0.0058	mg/kg	8260B	07/14/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/14/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Trichlorofluoromethane	BDL	0.0058	mg/kg	8260B	07/14/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/14/10	1
Xylenes, Total	BDL	0.0035	mg/kg	8260B	07/14/10	1
Surrogate Recovery						
Toluene-d8	99.0		% Rec.	8260B	07/14/10	1
Dibromofluoromethane	94.3		% Rec.	8260B	07/14/10	1
4-Bromofluorobenzene	92.8		% Rec.	8260B	07/14/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.38	mg/kg	8270C	07/10/10	10
Acenaphthylene	BDL	0.38	mg/kg	8270C	07/10/10	10
Anthracene	BDL	0.38	mg/kg	8270C	07/10/10	10
Benzidine	BDL	3.8	mg/kg	8270C	07/10/10	10
Benzo(a)anthracene	BDL	0.38	mg/kg	8270C	07/10/10	10
Benzo(b)fluoranthene	BDL	0.38	mg/kg	8270C	07/10/10	10
Benzo(k)fluoranthene	BDL	0.38	mg/kg	8270C	07/10/10	10
Benzo(g,h,i)perylene	BDL	0.38	mg/kg	8270C	07/10/10	10
Benzo(a)pyrene	BDL	0.38	mg/kg	8270C	07/10/10	10
Bis(2-chlorethoxy)methane	BDL	3.8	mg/kg	8270C	07/10/10	10
Bis(2-chloroethyl)ether	BDL	3.8	mg/kg	8270C	07/10/10	10
Bis(2-chloroisopropyl)ether	BDL	3.8	mg/kg	8270C	07/10/10	10

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L467759-05 (PH) - 8.4@22.0c

12065 Lebanon Rd.
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1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-05

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B3 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4-Bromophenyl-phenylether	BDL	3.8	mg/kg	8270C	07/10/10	10
2-Chloronaphthalene	BDL	0.38	mg/kg	8270C	07/10/10	10
4-Chlorophenyl-phenylether	BDL	3.8	mg/kg	8270C	07/10/10	10
Chrysene	BDL	0.38	mg/kg	8270C	07/10/10	10
Dibenz(a,h)anthracene	BDL	0.38	mg/kg	8270C	07/10/10	10
3,3-Dichlorobenzidine	BDL	3.8	mg/kg	8270C	07/10/10	10
2,4-Dinitrotoluene	BDL	3.8	mg/kg	8270C	07/10/10	10
2,6-Dinitrotoluene	BDL	3.8	mg/kg	8270C	07/10/10	10
Fluoranthene	BDL	0.38	mg/kg	8270C	07/10/10	10
Fluorene	BDL	0.38	mg/kg	8270C	07/10/10	10
Hexachlorobenzene	BDL	3.8	mg/kg	8270C	07/10/10	10
Hexachloro-1,3-butadiene	BDL	3.8	mg/kg	8270C	07/10/10	10
Hexachlorocyclopentadiene	BDL	3.8	mg/kg	8270C	07/10/10	10
Hexachloroethane	BDL	3.8	mg/kg	8270C	07/10/10	10
Indeno(1,2,3-cd)pyrene	BDL	0.38	mg/kg	8270C	07/10/10	10
Isophorone	BDL	3.8	mg/kg	8270C	07/10/10	10
Naphthalene	BDL	0.38	mg/kg	8270C	07/10/10	10
Nitrobenzene	BDL	3.8	mg/kg	8270C	07/10/10	10
n-Nitrosodimethylamine	BDL	3.8	mg/kg	8270C	07/10/10	10
n-Nitrosodiphenylamine	BDL	3.8	mg/kg	8270C	07/10/10	10
n-Nitrosodi-n-propylamine	BDL	3.8	mg/kg	8270C	07/10/10	10
Phenanthrene	BDL	0.38	mg/kg	8270C	07/10/10	10
Benzylbutyl phthalate	BDL	3.8	mg/kg	8270C	07/10/10	10
Bis(2-ethylhexyl)phthalate	BDL	3.8	mg/kg	8270C	07/10/10	10
Di-n-butyl phthalate	BDL	3.8	mg/kg	8270C	07/10/10	10
Diethyl phthalate	BDL	3.8	mg/kg	8270C	07/10/10	10
Dimethyl phthalate	BDL	3.8	mg/kg	8270C	07/10/10	10
Di-n-octyl phthalate	BDL	3.8	mg/kg	8270C	07/10/10	10
Pyrene	BDL	0.38	mg/kg	8270C	07/10/10	10
1,2,4-Trichlorobenzene	BDL	3.8	mg/kg	8270C	07/10/10	10
Acid Extractables						
4-Chloro-3-methylphenol	BDL	3.8	mg/kg	8270C	07/10/10	10
2-Chlorophenol	BDL	3.8	mg/kg	8270C	07/10/10	10
2,4-Dichlorophenol	BDL	3.8	mg/kg	8270C	07/10/10	10
2,4-Dimethylphenol	BDL	3.8	mg/kg	8270C	07/10/10	10
4,6-Dinitro-2-methylphenol	BDL	3.8	mg/kg	8270C	07/10/10	10
2,4-Dinitrophenol	BDL	3.8	mg/kg	8270C	07/10/10	10
2-Nitrophenol	BDL	3.8	mg/kg	8270C	07/10/10	10
4-Nitrophenol	BDL	3.8	mg/kg	8270C	07/10/10	10
Pentachlorophenol	BDL	3.8	mg/kg	8270C	07/10/10	10
Phenol	BDL	3.8	mg/kg	8270C	07/10/10	10
2,4,6-Trichlorophenol	BDL	3.8	mg/kg	8270C	07/10/10	10
Surrogate Recovery						
2-Fluorophenol	76.0		% Rec.	8270C	07/10/10	10

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-05

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B3 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenol-d5	84.2		% Rec.	8270C	07/10/10	10
Nitrobenzene-d5	76.1		% Rec.	8270C	07/10/10	10
2-Fluorobiphenyl	96.0		% Rec.	8270C	07/10/10	10
2,4,6-Tribromophenol	54.3		% Rec.	8270C	07/10/10	10
p-Terphenyl-d14	97.3		% Rec.	8270C	07/10/10	10

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 07/16/10 10:25 Printed: 07/16/10 11:43
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-06

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B3 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:56

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
pH	8.7		su	9045D	07/09/10	1
Total Solids	95.4		%	2540G	07/09/10	1
Volatile Organics						
Acetone	BDL	0.052	mg/kg	8260B	07/15/10	1
Acrylonitrile	BDL	0.010	mg/kg	8260B	07/15/10	1
Benzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	07/15/10	1
Bromoform	BDL	0.0010	mg/kg	8260B	07/15/10	1
Bromomethane	BDL	0.0052	mg/kg	8260B	07/15/10	1
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	07/15/10	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	07/15/10	1
Chloroethane	BDL	0.0052	mg/kg	8260B	07/15/10	1
2-Chloroethyl vinyl ether	BDL	0.052	mg/kg	8260B	07/15/10	1
Chloroform	BDL	0.0052	mg/kg	8260B	07/15/10	1
Chloromethane	BDL	0.0010	mg/kg	8260B	07/15/10	1
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	07/15/10	1
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0052	mg/kg	8260B	07/15/10	1
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	07/15/10	1
Dibromomethane	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
Dichlorodifluoromethane	BDL	0.0052	mg/kg	8260B	07/15/10	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	07/15/10	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	07/15/10	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,3-Dichloropropane	BDL	0.0010	mg/kg	8260B	07/15/10	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	07/15/10	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	07/15/10	1
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	07/15/10	1
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	07/15/10	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-06

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B3 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:56

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	07/15/10	1
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	07/15/10	1
2-Butanone (MEK)	BDL	0.010	mg/kg	8260B	07/15/10	1
Methylene Chloride	BDL	0.0052	mg/kg	8260B	07/15/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	07/15/10	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	07/15/10	1
Naphthalene	BDL	0.0052	mg/kg	8260B	07/15/10	1
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
Styrene	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	07/15/10	1
Tetrachloroethene	BDL	0.0010	mg/kg	8260B	07/15/10	1
Toluene	BDL	0.0052	mg/kg	8260B	07/15/10	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/kg	8260B	07/15/10	1
Trichloroethene	BDL	0.0010	mg/kg	8260B	07/15/10	1
Trichlorofluoromethane	BDL	0.0052	mg/kg	8260B	07/15/10	1
1,2,3-Trichloropropane	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	07/15/10	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	07/15/10	1
Xylenes, Total	BDL	0.0031	mg/kg	8260B	07/15/10	1
Surrogate Recovery						
Toluene-d8	96.9		% Rec.	8260B	07/15/10	1
Dibromofluoromethane	100.		% Rec.	8260B	07/15/10	1
4-Bromofluorobenzene	97.4		% Rec.	8260B	07/15/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.034	mg/kg	8270C	07/10/10	1
Acenaphthylene	BDL	0.034	mg/kg	8270C	07/10/10	1
Anthracene	BDL	0.034	mg/kg	8270C	07/10/10	1
Benzidine	BDL	0.35	mg/kg	8270C	07/10/10	1
Benzo(a)anthracene	BDL	0.034	mg/kg	8270C	07/10/10	1
Benzo(b)fluoranthene	BDL	0.034	mg/kg	8270C	07/10/10	1
Benzo(k)fluoranthene	BDL	0.034	mg/kg	8270C	07/10/10	1
Benzo(g,h,i)perylene	BDL	0.034	mg/kg	8270C	07/10/10	1
Benzo(a)pyrene	BDL	0.034	mg/kg	8270C	07/10/10	1
Bis(2-chlorethoxy)methane	BDL	0.35	mg/kg	8270C	07/10/10	1
Bis(2-chloroethyl)ether	BDL	0.35	mg/kg	8270C	07/10/10	1
Bis(2-chloroisopropyl)ether	BDL	0.35	mg/kg	8270C	07/10/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-06

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B3 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:56

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4-Bromophenyl-phenylether	BDL	0.35	mg/kg	8270C	07/10/10	1
2-Chloronaphthalene	BDL	0.034	mg/kg	8270C	07/10/10	1
4-Chlorophenyl-phenylether	BDL	0.35	mg/kg	8270C	07/10/10	1
Chrysene	BDL	0.034	mg/kg	8270C	07/10/10	1
Dibenz(a,h)anthracene	BDL	0.034	mg/kg	8270C	07/10/10	1
3,3-Dichlorobenzidine	BDL	0.35	mg/kg	8270C	07/10/10	1
2,4-Dinitrotoluene	BDL	0.35	mg/kg	8270C	07/10/10	1
2,6-Dinitrotoluene	BDL	0.35	mg/kg	8270C	07/10/10	1
Fluoranthene	BDL	0.034	mg/kg	8270C	07/10/10	1
Fluorene	BDL	0.034	mg/kg	8270C	07/10/10	1
Hexachlorobenzene	BDL	0.35	mg/kg	8270C	07/10/10	1
Hexachloro-1,3-butadiene	BDL	0.35	mg/kg	8270C	07/10/10	1
Hexachlorocyclopentadiene	BDL	0.35	mg/kg	8270C	07/10/10	1
Hexachloroethane	BDL	0.35	mg/kg	8270C	07/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.034	mg/kg	8270C	07/10/10	1
Isophorone	BDL	0.35	mg/kg	8270C	07/10/10	1
Naphthalene	BDL	0.034	mg/kg	8270C	07/10/10	1
Nitrobenzene	BDL	0.35	mg/kg	8270C	07/10/10	1
n-Nitrosodimethylamine	BDL	0.35	mg/kg	8270C	07/10/10	1
n-Nitrosodiphenylamine	BDL	0.35	mg/kg	8270C	07/10/10	1
n-Nitrosodi-n-propylamine	BDL	0.35	mg/kg	8270C	07/10/10	1
Phenanthrene	BDL	0.034	mg/kg	8270C	07/10/10	1
Benzylbutyl phthalate	BDL	0.35	mg/kg	8270C	07/10/10	1
Bis(2-ethylhexyl)phthalate	BDL	0.35	mg/kg	8270C	07/10/10	1
Di-n-butyl phthalate	BDL	0.35	mg/kg	8270C	07/10/10	1
Diethyl phthalate	BDL	0.35	mg/kg	8270C	07/10/10	1
Dimethyl phthalate	BDL	0.35	mg/kg	8270C	07/10/10	1
Di-n-octyl phthalate	BDL	0.35	mg/kg	8270C	07/10/10	1
Pyrene	BDL	0.034	mg/kg	8270C	07/10/10	1
1,2,4-Trichlorobenzene	BDL	0.35	mg/kg	8270C	07/10/10	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.35	mg/kg	8270C	07/10/10	1
2-Chlorophenol	BDL	0.35	mg/kg	8270C	07/10/10	1
2,4-Dichlorophenol	BDL	0.35	mg/kg	8270C	07/10/10	1
2,4-Dimethylphenol	BDL	0.35	mg/kg	8270C	07/10/10	1
4,6-Dinitro-2-methylphenol	BDL	0.35	mg/kg	8270C	07/10/10	1
2,4-Dinitrophenol	BDL	0.35	mg/kg	8270C	07/10/10	1
2-Nitrophenol	BDL	0.35	mg/kg	8270C	07/10/10	1
4-Nitrophenol	BDL	0.35	mg/kg	8270C	07/10/10	1
Pentachlorophenol	BDL	0.35	mg/kg	8270C	07/10/10	1
Phenol	BDL	0.35	mg/kg	8270C	07/10/10	1
2,4,6-Trichlorophenol	BDL	0.35	mg/kg	8270C	07/10/10	1
Surrogate Recovery						
2-Fluorophenol	85.2		% Rec.	8270C	07/10/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-06

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B3 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:56

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenol-d5	98.5		% Rec.	8270C	07/10/10	1
Nitrobenzene-d5	77.0		% Rec.	8270C	07/10/10	1
2-Fluorobiphenyl	100.		% Rec.	8270C	07/10/10	1
2,4,6-Tribromophenol	79.8		% Rec.	8270C	07/10/10	1
p-Terphenyl-d14	109.		% Rec.	8270C	07/10/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-07

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B4 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:03

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
pH	7.9		su	9045D	07/09/10	1
Total Solids	94.2		%	2540G	07/09/10	1
Volatile Organics						
Acetone	BDL	0.053	mg/kg	8260B	07/15/10	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/15/10	1
Benzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/15/10	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/15/10	1
Bromomethane	BDL	0.0053	mg/kg	8260B	07/15/10	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/15/10	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	07/15/10	1
Chloroethane	BDL	0.0053	mg/kg	8260B	07/15/10	1
2-Chloroethyl vinyl ether	BDL	0.053	mg/kg	8260B	07/15/10	1
Chloroform	BDL	0.0053	mg/kg	8260B	07/15/10	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/15/10	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/15/10	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0053	mg/kg	8260B	07/15/10	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/15/10	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
Dichlorodifluoromethane	BDL	0.0053	mg/kg	8260B	07/15/10	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/15/10	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/15/10	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/15/10	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/15/10	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/15/10	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/15/10	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/15/10	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L467759-07 (PH) - 7.9@22.4c

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-07

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B4 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:03

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	07/15/10	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/15/10	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	07/15/10	1
Methylene Chloride	BDL	0.0053	mg/kg	8260B	07/15/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/15/10	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/15/10	1
Naphthalene	BDL	0.0053	mg/kg	8260B	07/15/10	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
Styrene	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/15/10	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/15/10	1
Toluene	BDL	0.0053	mg/kg	8260B	07/15/10	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/15/10	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/15/10	1
Trichlorofluoromethane	BDL	0.0053	mg/kg	8260B	07/15/10	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/15/10	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/15/10	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	07/15/10	1
Surrogate Recovery						
Toluene-d8	98.8		% Rec.	8260B	07/15/10	1
Dibromofluoromethane	96.4		% Rec.	8260B	07/15/10	1
4-Bromofluorobenzene	96.4		% Rec.	8260B	07/15/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.70	mg/kg	8270C	07/10/10	20
Acenaphthylene	BDL	0.70	mg/kg	8270C	07/10/10	20
Anthracene	BDL	0.70	mg/kg	8270C	07/10/10	20
Benzidine	BDL	7.1	mg/kg	8270C	07/10/10	20
Benzo(a)anthracene	1.2	0.70	mg/kg	8270C	07/10/10	20
Benzo(b)fluoranthene	BDL	3.5	mg/kg	8270C	07/12/10	100
Benzo(k)fluoranthene	BDL	3.5	mg/kg	8270C	07/12/10	100
Benzo(g,h,i)perylene	BDL	3.5	mg/kg	8270C	07/12/10	100
Benzo(a)pyrene	BDL	3.5	mg/kg	8270C	07/12/10	100
Bis(2-chlorethoxy)methane	BDL	7.1	mg/kg	8270C	07/10/10	20
Bis(2-chloroethyl)ether	BDL	7.1	mg/kg	8270C	07/10/10	20
Bis(2-chloroisopropyl)ether	BDL	7.1	mg/kg	8270C	07/10/10	20

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L467759-07 (PH) - 7.9@22.4c

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-07

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B4 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:03

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4-Bromophenyl-phenylether	BDL	7.1	mg/kg	8270C	07/10/10	20
2-Chloronaphthalene	BDL	0.70	mg/kg	8270C	07/10/10	20
4-Chlorophenyl-phenylether	BDL	7.1	mg/kg	8270C	07/10/10	20
Chrysene	1.4	0.70	mg/kg	8270C	07/10/10	20
Dibenz(a,h)anthracene	BDL	3.5	mg/kg	8270C	07/12/10	100
3,3-Dichlorobenzidine	BDL	7.1	mg/kg	8270C	07/10/10	20
2,4-Dinitrotoluene	BDL	7.1	mg/kg	8270C	07/10/10	20
2,6-Dinitrotoluene	BDL	7.1	mg/kg	8270C	07/10/10	20
Fluoranthene	3.0	0.70	mg/kg	8270C	07/10/10	20
Fluorene	BDL	0.70	mg/kg	8270C	07/10/10	20
Hexachlorobenzene	BDL	7.1	mg/kg	8270C	07/10/10	20
Hexachloro-1,3-butadiene	BDL	7.1	mg/kg	8270C	07/10/10	20
Hexachlorocyclopentadiene	BDL	7.1	mg/kg	8270C	07/10/10	20
Hexachloroethane	BDL	7.1	mg/kg	8270C	07/10/10	20
Indeno(1,2,3-cd)pyrene	BDL	3.5	mg/kg	8270C	07/12/10	100
Isophorone	BDL	7.1	mg/kg	8270C	07/10/10	20
Naphthalene	BDL	0.70	mg/kg	8270C	07/10/10	20
Nitrobenzene	BDL	7.1	mg/kg	8270C	07/10/10	20
n-Nitrosodimethylamine	BDL	7.1	mg/kg	8270C	07/10/10	20
n-Nitrosodiphenylamine	BDL	7.1	mg/kg	8270C	07/10/10	20
n-Nitrosodi-n-propylamine	BDL	7.1	mg/kg	8270C	07/10/10	20
Phenanthrene	1.2	0.70	mg/kg	8270C	07/10/10	20
Benzylbutyl phthalate	BDL	7.1	mg/kg	8270C	07/10/10	20
Bis(2-ethylhexyl)phthalate	BDL	7.1	mg/kg	8270C	07/10/10	20
Di-n-butyl phthalate	BDL	7.1	mg/kg	8270C	07/10/10	20
Diethyl phthalate	BDL	7.1	mg/kg	8270C	07/10/10	20
Dimethyl phthalate	BDL	7.1	mg/kg	8270C	07/10/10	20
Di-n-octyl phthalate	BDL	7.1	mg/kg	8270C	07/10/10	20
Pyrene	2.7	0.70	mg/kg	8270C	07/10/10	20
1,2,4-Trichlorobenzene	BDL	7.1	mg/kg	8270C	07/10/10	20
Acid Extractables						
4-Chloro-3-methylphenol	BDL	7.1	mg/kg	8270C	07/10/10	20
2-Chlorophenol	BDL	7.1	mg/kg	8270C	07/10/10	20
2,4-Dichlorophenol	BDL	7.1	mg/kg	8270C	07/10/10	20
2,4-Dimethylphenol	BDL	7.1	mg/kg	8270C	07/10/10	20
4,6-Dinitro-2-methylphenol	BDL	7.1	mg/kg	8270C	07/10/10	20
2,4-Dinitrophenol	BDL	7.1	mg/kg	8270C	07/10/10	20
2-Nitrophenol	BDL	7.1	mg/kg	8270C	07/10/10	20
4-Nitrophenol	BDL	7.1	mg/kg	8270C	07/10/10	20
Pentachlorophenol	BDL	7.1	mg/kg	8270C	07/10/10	20
Phenol	BDL	7.1	mg/kg	8270C	07/10/10	20
2,4,6-Trichlorophenol	BDL	7.1	mg/kg	8270C	07/10/10	20
Surrogate Recovery						
2-Fluorophenol	0.00		% Rec.	8270C	07/10/10	20

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L467759-07 (PH) - 7.9@22.4c

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-07

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B4 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:03

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenol-d5	0.00		% Rec.	8270C	07/10/10	20
Nitrobenzene-d5	0.00		% Rec.	8270C	07/10/10	20
2-Fluorobiphenyl	0.00		% Rec.	8270C	07/10/10	20
2,4,6-Tribromophenol	0.00		% Rec.	8270C	07/10/10	20
p-Terphenyl-d14	0.00		% Rec.	8270C	07/10/10	20

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 07/16/10 10:25 Printed: 07/16/10 11:43
L467759-07 (SV8270BNA) - IS/SURR failed on lower dilution.
L467759-07 (PH) - 7.9@22.4c

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-08

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B4 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:13

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
pH	7.7		su	9045D	07/09/10	1
Total Solids	72.3		%	2540G	07/09/10	1
Volatile Organics						
Acetone	BDL	0.069	mg/kg	8260B	07/15/10	1
Acrylonitrile	BDL	0.014	mg/kg	8260B	07/15/10	1
Benzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
Bromobenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
Bromodichloromethane	BDL	0.0014	mg/kg	8260B	07/15/10	1
Bromoform	BDL	0.0014	mg/kg	8260B	07/15/10	1
Bromomethane	BDL	0.0069	mg/kg	8260B	07/15/10	1
n-Butylbenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
sec-Butylbenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
tert-Butylbenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
Carbon tetrachloride	BDL	0.0014	mg/kg	8260B	07/15/10	1
Chlorobenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
Chlorodibromomethane	BDL	0.0014	mg/kg	8260B	07/15/10	1
Chloroethane	BDL	0.0069	mg/kg	8260B	07/15/10	1
2-Chloroethyl vinyl ether	BDL	0.069	mg/kg	8260B	07/15/10	1
Chloroform	BDL	0.0069	mg/kg	8260B	07/15/10	1
Chloromethane	BDL	0.0014	mg/kg	8260B	07/15/10	1
2-Chlorotoluene	BDL	0.0014	mg/kg	8260B	07/15/10	1
4-Chlorotoluene	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0069	mg/kg	8260B	07/15/10	1
1,2-Dibromoethane	BDL	0.0014	mg/kg	8260B	07/15/10	1
Dibromomethane	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,2-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,3-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,4-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
Dichlorodifluoromethane	BDL	0.0069	mg/kg	8260B	07/15/10	1
1,1-Dichloroethane	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,2-Dichloroethane	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,1-Dichloroethene	BDL	0.0014	mg/kg	8260B	07/15/10	1
cis-1,2-Dichloroethene	BDL	0.0014	mg/kg	8260B	07/15/10	1
trans-1,2-Dichloroethene	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,2-Dichloropropane	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,1-Dichloropropene	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,3-Dichloropropane	BDL	0.0014	mg/kg	8260B	07/15/10	1
cis-1,3-Dichloropropene	BDL	0.0014	mg/kg	8260B	07/15/10	1
trans-1,3-Dichloropropene	BDL	0.0014	mg/kg	8260B	07/15/10	1
2,2-Dichloropropane	BDL	0.0014	mg/kg	8260B	07/15/10	1
Di-isopropyl ether	BDL	0.0014	mg/kg	8260B	07/15/10	1
Ethylbenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-08

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B4 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:13

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Hexachloro-1,3-butadiene	BDL	0.0014	mg/kg	8260B	07/15/10	1
Isopropylbenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
p-Isopropyltoluene	BDL	0.0014	mg/kg	8260B	07/15/10	1
2-Butanone (MEK)	BDL	0.014	mg/kg	8260B	07/15/10	1
Methylene Chloride	BDL	0.0069	mg/kg	8260B	07/15/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.014	mg/kg	8260B	07/15/10	1
Methyl tert-butyl ether	BDL	0.0014	mg/kg	8260B	07/15/10	1
Naphthalene	BDL	0.0069	mg/kg	8260B	07/15/10	1
n-Propylbenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
Styrene	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0014	mg/kg	8260B	07/15/10	1
Tetrachloroethene	BDL	0.0014	mg/kg	8260B	07/15/10	1
Toluene	BDL	0.0069	mg/kg	8260B	07/15/10	1
1,2,3-Trichlorobenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,2,4-Trichlorobenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,1,1-Trichloroethane	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,1,2-Trichloroethane	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0014	mg/kg	8260B	07/15/10	1
Trichloroethene	BDL	0.0014	mg/kg	8260B	07/15/10	1
Trichlorofluoromethane	BDL	0.0069	mg/kg	8260B	07/15/10	1
1,2,3-Trichloropropane	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,2,4-Trimethylbenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
1,3,5-Trimethylbenzene	BDL	0.0014	mg/kg	8260B	07/15/10	1
Vinyl chloride	BDL	0.0014	mg/kg	8260B	07/15/10	1
Xylenes, Total	BDL	0.0041	mg/kg	8260B	07/15/10	1
Surrogate Recovery						
Toluene-d8	99.9		% Rec.	8260B	07/15/10	1
Dibromofluoromethane	91.3		% Rec.	8260B	07/15/10	1
4-Bromofluorobenzene	100.		% Rec.	8260B	07/15/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.046	mg/kg	8270C	07/10/10	1
Acenaphthylene	BDL	0.046	mg/kg	8270C	07/10/10	1
Anthracene	BDL	0.046	mg/kg	8270C	07/10/10	1
Benzidine	BDL	0.46	mg/kg	8270C	07/10/10	1
Benzo(a)anthracene	BDL	0.046	mg/kg	8270C	07/10/10	1
Benzo(b)fluoranthene	BDL	0.046	mg/kg	8270C	07/10/10	1
Benzo(k)fluoranthene	BDL	0.046	mg/kg	8270C	07/10/10	1
Benzo(g,h,i)perylene	BDL	0.046	mg/kg	8270C	07/10/10	1
Benzo(a)pyrene	BDL	0.046	mg/kg	8270C	07/10/10	1
Bis(2-chlorethoxy)methane	BDL	0.46	mg/kg	8270C	07/10/10	1
Bis(2-chloroethyl)ether	BDL	0.46	mg/kg	8270C	07/10/10	1
Bis(2-chloroisopropyl)ether	BDL	0.46	mg/kg	8270C	07/10/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L467759-08 (PH) - 7.7@22.1c

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1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-08

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B4 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:13

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4-Bromophenyl-phenylether	BDL	0.46	mg/kg	8270C	07/10/10	1
2-Chloronaphthalene	BDL	0.046	mg/kg	8270C	07/10/10	1
4-Chlorophenyl-phenylether	BDL	0.46	mg/kg	8270C	07/10/10	1
Chrysene	BDL	0.046	mg/kg	8270C	07/10/10	1
Dibenz(a,h)anthracene	BDL	0.046	mg/kg	8270C	07/10/10	1
3,3-Dichlorobenzidine	BDL	0.46	mg/kg	8270C	07/10/10	1
2,4-Dinitrotoluene	BDL	0.46	mg/kg	8270C	07/10/10	1
2,6-Dinitrotoluene	BDL	0.46	mg/kg	8270C	07/10/10	1
Fluoranthene	BDL	0.046	mg/kg	8270C	07/10/10	1
Fluorene	BDL	0.046	mg/kg	8270C	07/10/10	1
Hexachlorobenzene	BDL	0.46	mg/kg	8270C	07/10/10	1
Hexachloro-1,3-butadiene	BDL	0.46	mg/kg	8270C	07/10/10	1
Hexachlorocyclopentadiene	BDL	0.46	mg/kg	8270C	07/10/10	1
Hexachloroethane	BDL	0.46	mg/kg	8270C	07/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.046	mg/kg	8270C	07/10/10	1
Isophorone	BDL	0.46	mg/kg	8270C	07/10/10	1
Naphthalene	BDL	0.046	mg/kg	8270C	07/10/10	1
Nitrobenzene	BDL	0.46	mg/kg	8270C	07/10/10	1
n-Nitrosodimethylamine	BDL	0.46	mg/kg	8270C	07/10/10	1
n-Nitrosodiphenylamine	BDL	0.46	mg/kg	8270C	07/10/10	1
n-Nitrosodi-n-propylamine	BDL	0.46	mg/kg	8270C	07/10/10	1
Phenanthrene	BDL	0.046	mg/kg	8270C	07/10/10	1
Benzylbutyl phthalate	BDL	0.46	mg/kg	8270C	07/10/10	1
Bis(2-ethylhexyl)phthalate	BDL	0.46	mg/kg	8270C	07/10/10	1
Di-n-butyl phthalate	BDL	0.46	mg/kg	8270C	07/10/10	1
Diethyl phthalate	BDL	0.46	mg/kg	8270C	07/10/10	1
Dimethyl phthalate	BDL	0.46	mg/kg	8270C	07/10/10	1
Di-n-octyl phthalate	BDL	0.46	mg/kg	8270C	07/10/10	1
Pyrene	BDL	0.046	mg/kg	8270C	07/10/10	1
1,2,4-Trichlorobenzene	BDL	0.46	mg/kg	8270C	07/10/10	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.46	mg/kg	8270C	07/10/10	1
2-Chlorophenol	BDL	0.46	mg/kg	8270C	07/10/10	1
2,4-Dichlorophenol	BDL	0.46	mg/kg	8270C	07/10/10	1
2,4-Dimethylphenol	BDL	0.46	mg/kg	8270C	07/10/10	1
4,6-Dinitro-2-methylphenol	BDL	0.46	mg/kg	8270C	07/10/10	1
2,4-Dinitrophenol	BDL	0.46	mg/kg	8270C	07/10/10	1
2-Nitrophenol	BDL	0.46	mg/kg	8270C	07/10/10	1
4-Nitrophenol	BDL	0.46	mg/kg	8270C	07/10/10	1
Pentachlorophenol	BDL	0.46	mg/kg	8270C	07/10/10	1
Phenol	BDL	0.46	mg/kg	8270C	07/10/10	1
2,4,6-Trichlorophenol	BDL	0.46	mg/kg	8270C	07/10/10	1
Surrogate Recovery						
2-Fluorophenol	78.9		% Rec.	8270C	07/10/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-08

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B4 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:13

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenol-d5	82.8		% Rec.	8270C	07/10/10	1
Nitrobenzene-d5	70.3		% Rec.	8270C	07/10/10	1
2-Fluorobiphenyl	92.9		% Rec.	8270C	07/10/10	1
2,4,6-Tribromophenol	80.7		% Rec.	8270C	07/10/10	1
p-Terphenyl-d14	82.9		% Rec.	8270C	07/10/10	1

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Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-09

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B5 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 14:23

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	80.6		%	2540G	07/09/10	1
Volatile Organics						
Acetone	BDL	0.062	mg/kg	8260B	07/14/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/14/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/14/10	1
Bromomethane	BDL	0.0062	mg/kg	8260B	07/14/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/14/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
Chloroethane	BDL	0.0062	mg/kg	8260B	07/14/10	1
2-Chloroethyl vinyl ether	BDL	0.062	mg/kg	8260B	07/14/10	1
Chloroform	BDL	0.0062	mg/kg	8260B	07/14/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/14/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0062	mg/kg	8260B	07/14/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Dichlorodifluoromethane	BDL	0.0062	mg/kg	8260B	07/14/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/14/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/14/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/14/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/14/10	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/14/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/14/10	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/14/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-09

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B5 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 14:23

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/14/10	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	07/14/10	1
Methylene Chloride	BDL	0.0062	mg/kg	8260B	07/14/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/14/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/14/10	1
Naphthalene	BDL	0.0062	mg/kg	8260B	07/14/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Toluene	BDL	0.0062	mg/kg	8260B	07/14/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/14/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Trichlorofluoromethane	BDL	0.0062	mg/kg	8260B	07/14/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/14/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/14/10	1
Xylenes, Total	BDL	0.0037	mg/kg	8260B	07/14/10	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	07/14/10	1
Dibromofluoromethane	105.		% Rec.	8260B	07/14/10	1
4-Bromofluorobenzene	106.		% Rec.	8260B	07/14/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.041	mg/kg	8270C	07/10/10	1
Acenaphthylene	BDL	0.041	mg/kg	8270C	07/10/10	1
Anthracene	BDL	0.041	mg/kg	8270C	07/10/10	1
Benzidine	BDL	0.41	mg/kg	8270C	07/10/10	1
Benzo(a)anthracene	BDL	0.041	mg/kg	8270C	07/10/10	1
Benzo(b)fluoranthene	BDL	0.041	mg/kg	8270C	07/10/10	1
Benzo(k)fluoranthene	BDL	0.041	mg/kg	8270C	07/10/10	1
Benzo(g,h,i)perylene	BDL	0.041	mg/kg	8270C	07/10/10	1
Benzo(a)pyrene	BDL	0.041	mg/kg	8270C	07/10/10	1
Bis(2-chlorethoxy)methane	BDL	0.41	mg/kg	8270C	07/10/10	1
Bis(2-chloroethyl)ether	BDL	0.41	mg/kg	8270C	07/10/10	1
Bis(2-chloroisopropyl)ether	BDL	0.41	mg/kg	8270C	07/10/10	1
4-Bromophenyl-phenylether	BDL	0.41	mg/kg	8270C	07/10/10	1
2-Chloronaphthalene	BDL	0.041	mg/kg	8270C	07/10/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-09

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B5 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 14:23

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4-Chlorophenyl-phenylether	BDL	0.41	mg/kg	8270C	07/10/10	1
Chrysene	BDL	0.041	mg/kg	8270C	07/10/10	1
Dibenz(a,h)anthracene	BDL	0.041	mg/kg	8270C	07/10/10	1
3,3-Dichlorobenzidine	BDL	0.41	mg/kg	8270C	07/10/10	1
2,4-Dinitrotoluene	BDL	0.41	mg/kg	8270C	07/10/10	1
2,6-Dinitrotoluene	BDL	0.41	mg/kg	8270C	07/10/10	1
Fluoranthene	BDL	0.041	mg/kg	8270C	07/10/10	1
Fluorene	BDL	0.041	mg/kg	8270C	07/10/10	1
Hexachlorobenzene	BDL	0.41	mg/kg	8270C	07/10/10	1
Hexachloro-1,3-butadiene	BDL	0.41	mg/kg	8270C	07/10/10	1
Hexachlorocyclopentadiene	BDL	0.41	mg/kg	8270C	07/10/10	1
Hexachloroethane	BDL	0.41	mg/kg	8270C	07/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.041	mg/kg	8270C	07/10/10	1
Isophorone	BDL	0.41	mg/kg	8270C	07/10/10	1
Naphthalene	BDL	0.041	mg/kg	8270C	07/10/10	1
Nitrobenzene	BDL	0.41	mg/kg	8270C	07/10/10	1
n-Nitrosodimethylamine	BDL	0.41	mg/kg	8270C	07/10/10	1
n-Nitrosodiphenylamine	BDL	0.41	mg/kg	8270C	07/10/10	1
n-Nitrosodi-n-propylamine	BDL	0.41	mg/kg	8270C	07/10/10	1
Phenanthrene	BDL	0.041	mg/kg	8270C	07/10/10	1
Benzylbutyl phthalate	BDL	0.41	mg/kg	8270C	07/10/10	1
Bis(2-ethylhexyl)phthalate	BDL	0.41	mg/kg	8270C	07/10/10	1
Di-n-butyl phthalate	BDL	0.41	mg/kg	8270C	07/10/10	1
Diethyl phthalate	BDL	0.41	mg/kg	8270C	07/10/10	1
Dimethyl phthalate	BDL	0.41	mg/kg	8270C	07/10/10	1
Di-n-octyl phthalate	BDL	0.41	mg/kg	8270C	07/10/10	1
Pyrene	BDL	0.041	mg/kg	8270C	07/10/10	1
1,2,4-Trichlorobenzene	BDL	0.41	mg/kg	8270C	07/10/10	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.41	mg/kg	8270C	07/10/10	1
2-Chlorophenol	BDL	0.41	mg/kg	8270C	07/10/10	1
2,4-Dichlorophenol	BDL	0.41	mg/kg	8270C	07/10/10	1
2,4-Dimethylphenol	BDL	0.41	mg/kg	8270C	07/10/10	1
4,6-Dinitro-2-methylphenol	BDL	0.41	mg/kg	8270C	07/10/10	1
2,4-Dinitrophenol	BDL	0.41	mg/kg	8270C	07/10/10	1
2-Nitrophenol	BDL	0.41	mg/kg	8270C	07/10/10	1
4-Nitrophenol	BDL	0.41	mg/kg	8270C	07/10/10	1
Pentachlorophenol	BDL	0.41	mg/kg	8270C	07/10/10	1
Phenol	BDL	0.41	mg/kg	8270C	07/10/10	1
2,4,6-Trichlorophenol	BDL	0.41	mg/kg	8270C	07/10/10	1
Surrogate Recovery						
2-Fluorophenol	77.5		% Rec.	8270C	07/10/10	1
Phenol-d5	87.0		% Rec.	8270C	07/10/10	1
Nitrobenzene-d5	73.8		% Rec.	8270C	07/10/10	1

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-09

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B5 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 14:23

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2-Fluorobiphenyl	90.8		% Rec.	8270C	07/10/10	1
2,4,6-Tribromophenol	82.4		% Rec.	8270C	07/10/10	1
p-Terphenyl-d14	96.0		% Rec.	8270C	07/10/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-10

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B6 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:06

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.7		%	2540G	07/09/10	1
Volatile Organics						
Acetone	BDL	0.058	mg/kg	8260B	07/15/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/15/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/15/10	1
Bromomethane	BDL	0.0058	mg/kg	8260B	07/15/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/15/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
Chloroethane	BDL	0.0058	mg/kg	8260B	07/15/10	1
2-Chloroethyl vinyl ether	BDL	0.058	mg/kg	8260B	07/15/10	1
Chloroform	BDL	0.0058	mg/kg	8260B	07/15/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/15/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0058	mg/kg	8260B	07/15/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Dichlorodifluoromethane	BDL	0.0058	mg/kg	8260B	07/15/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/15/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/15/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/15/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/15/10	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/15/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/15/10	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/15/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-10

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B6 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:06

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/15/10	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	07/15/10	1
Methylene Chloride	BDL	0.0058	mg/kg	8260B	07/15/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/15/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/15/10	1
Naphthalene	BDL	0.0058	mg/kg	8260B	07/15/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Toluene	BDL	0.0058	mg/kg	8260B	07/15/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/15/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Trichlorofluoromethane	BDL	0.0058	mg/kg	8260B	07/15/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/15/10	1
Xylenes, Total	BDL	0.0035	mg/kg	8260B	07/15/10	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/15/10	1
Dibromofluoromethane	99.5		% Rec.	8260B	07/15/10	1
4-Bromofluorobenzene	99.9		% Rec.	8260B	07/15/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.038	mg/kg	8270C	07/10/10	1
Acenaphthylene	BDL	0.038	mg/kg	8270C	07/10/10	1
Anthracene	BDL	0.038	mg/kg	8270C	07/10/10	1
Benzidine	BDL	0.39	mg/kg	8270C	07/10/10	1
Benzo(a)anthracene	BDL	0.038	mg/kg	8270C	07/10/10	1
Benzo(b)fluoranthene	BDL	0.038	mg/kg	8270C	07/10/10	1
Benzo(k)fluoranthene	BDL	0.038	mg/kg	8270C	07/10/10	1
Benzo(g,h,i)perylene	BDL	0.038	mg/kg	8270C	07/10/10	1
Benzo(a)pyrene	BDL	0.038	mg/kg	8270C	07/10/10	1
Bis(2-chlorethoxy)methane	BDL	0.39	mg/kg	8270C	07/10/10	1
Bis(2-chloroethyl)ether	BDL	0.39	mg/kg	8270C	07/10/10	1
Bis(2-chloroisopropyl)ether	BDL	0.39	mg/kg	8270C	07/10/10	1
4-Bromophenyl-phenylether	BDL	0.39	mg/kg	8270C	07/10/10	1
2-Chloronaphthalene	BDL	0.038	mg/kg	8270C	07/10/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-10

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B6 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:06

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4-Chlorophenyl-phenylether	BDL	0.39	mg/kg	8270C	07/10/10	1
Chrysene	BDL	0.038	mg/kg	8270C	07/10/10	1
Dibenz(a,h)anthracene	BDL	0.038	mg/kg	8270C	07/10/10	1
3,3-Dichlorobenzidine	BDL	0.39	mg/kg	8270C	07/10/10	1
2,4-Dinitrotoluene	BDL	0.39	mg/kg	8270C	07/10/10	1
2,6-Dinitrotoluene	BDL	0.39	mg/kg	8270C	07/10/10	1
Fluoranthene	BDL	0.038	mg/kg	8270C	07/10/10	1
Fluorene	BDL	0.038	mg/kg	8270C	07/10/10	1
Hexachlorobenzene	BDL	0.39	mg/kg	8270C	07/10/10	1
Hexachloro-1,3-butadiene	BDL	0.39	mg/kg	8270C	07/10/10	1
Hexachlorocyclopentadiene	BDL	0.39	mg/kg	8270C	07/10/10	1
Hexachloroethane	BDL	0.39	mg/kg	8270C	07/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.038	mg/kg	8270C	07/10/10	1
Isophorone	BDL	0.39	mg/kg	8270C	07/10/10	1
Naphthalene	BDL	0.038	mg/kg	8270C	07/10/10	1
Nitrobenzene	BDL	0.39	mg/kg	8270C	07/10/10	1
n-Nitrosodimethylamine	BDL	0.39	mg/kg	8270C	07/10/10	1
n-Nitrosodiphenylamine	BDL	0.39	mg/kg	8270C	07/10/10	1
n-Nitrosodi-n-propylamine	BDL	0.39	mg/kg	8270C	07/10/10	1
Phenanthrene	BDL	0.038	mg/kg	8270C	07/10/10	1
Benzylbutyl phthalate	BDL	0.39	mg/kg	8270C	07/10/10	1
Bis(2-ethylhexyl)phthalate	BDL	0.39	mg/kg	8270C	07/10/10	1
Di-n-butyl phthalate	BDL	0.39	mg/kg	8270C	07/10/10	1
Diethyl phthalate	BDL	0.39	mg/kg	8270C	07/10/10	1
Dimethyl phthalate	BDL	0.39	mg/kg	8270C	07/10/10	1
Di-n-octyl phthalate	BDL	0.39	mg/kg	8270C	07/10/10	1
Pyrene	BDL	0.038	mg/kg	8270C	07/10/10	1
1,2,4-Trichlorobenzene	BDL	0.39	mg/kg	8270C	07/10/10	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.39	mg/kg	8270C	07/10/10	1
2-Chlorophenol	BDL	0.39	mg/kg	8270C	07/10/10	1
2,4-Dichlorophenol	BDL	0.39	mg/kg	8270C	07/10/10	1
2,4-Dimethylphenol	BDL	0.39	mg/kg	8270C	07/10/10	1
4,6-Dinitro-2-methylphenol	BDL	0.39	mg/kg	8270C	07/10/10	1
2,4-Dinitrophenol	BDL	0.39	mg/kg	8270C	07/10/10	1
2-Nitrophenol	BDL	0.39	mg/kg	8270C	07/10/10	1
4-Nitrophenol	BDL	0.39	mg/kg	8270C	07/10/10	1
Pentachlorophenol	BDL	0.39	mg/kg	8270C	07/10/10	1
Phenol	BDL	0.39	mg/kg	8270C	07/10/10	1
2,4,6-Trichlorophenol	BDL	0.39	mg/kg	8270C	07/10/10	1
Surrogate Recovery						
2-Fluorophenol	91.4		% Rec.	8270C	07/10/10	1
Phenol-d5	90.2		% Rec.	8270C	07/10/10	1
Nitrobenzene-d5	78.2		% Rec.	8270C	07/10/10	1

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-10

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B6 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:06

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2-Fluorobiphenyl	95.7		% Rec.	8270C	07/10/10	1
2,4,6-Tribromophenol	66.1		% Rec.	8270C	07/10/10	1
p-Terphenyl-d14	102.		% Rec.	8270C	07/10/10	1

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BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 07/16/10 10:25 Printed: 07/16/10 11:43

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-11

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : DUPLICATE 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:06

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.7		%	2540G	07/09/10	1
Volatile Organics						
Acetone	0.069	0.059	mg/kg	8260B	07/15/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/15/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/15/10	1
Bromomethane	BDL	0.0059	mg/kg	8260B	07/15/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/15/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
Chloroethane	BDL	0.0059	mg/kg	8260B	07/15/10	1
2-Chloroethyl vinyl ether	BDL	0.059	mg/kg	8260B	07/15/10	1
Chloroform	BDL	0.0059	mg/kg	8260B	07/15/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/15/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0059	mg/kg	8260B	07/15/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Dichlorodifluoromethane	BDL	0.0059	mg/kg	8260B	07/15/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/15/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/15/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/15/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/15/10	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/15/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/15/10	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/15/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-11

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : DUPLICATE 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:06

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/15/10	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	07/15/10	1
Methylene Chloride	BDL	0.0059	mg/kg	8260B	07/15/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/15/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/15/10	1
Naphthalene	0.060	0.0059	mg/kg	8260B	07/15/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Toluene	BDL	0.0059	mg/kg	8260B	07/15/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/15/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Trichlorofluoromethane	BDL	0.0059	mg/kg	8260B	07/15/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/15/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/15/10	1
Xylenes, Total	BDL	0.0035	mg/kg	8260B	07/15/10	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/15/10	1
Dibromofluoromethane	101.		% Rec.	8260B	07/15/10	1
4-Bromofluorobenzene	100.		% Rec.	8260B	07/15/10	1
Base/Neutral Extractables						
Acenaphthene	1.4	0.39	mg/kg	8270C	07/10/10	10
Acenaphthylene	0.85	0.39	mg/kg	8270C	07/10/10	10
Anthracene	2.0	0.39	mg/kg	8270C	07/10/10	10
Benzidine	BDL	3.9	mg/kg	8270C	07/10/10	10
Benzo(a)anthracene	3.4	0.39	mg/kg	8270C	07/10/10	10
Benzo(b)fluoranthene	2.0	0.39	mg/kg	8270C	07/10/10	10
Benzo(k)fluoranthene	1.6	0.39	mg/kg	8270C	07/10/10	10
Benzo(g,h,i)perylene	BDL	0.39	mg/kg	8270C	07/10/10	10
Benzo(a)pyrene	2.1	0.39	mg/kg	8270C	07/10/10	10
Bis(2-chlorethoxy)methane	BDL	3.9	mg/kg	8270C	07/10/10	10
Bis(2-chloroethyl)ether	BDL	3.9	mg/kg	8270C	07/10/10	10
Bis(2-chloroisopropyl)ether	BDL	3.9	mg/kg	8270C	07/10/10	10
4-Bromophenyl-phenylether	BDL	3.9	mg/kg	8270C	07/10/10	10
2-Chloronaphthalene	BDL	0.39	mg/kg	8270C	07/10/10	10

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-11

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : DUPLICATE 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:06

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4-Chlorophenyl-phenylether	BDL	3.9	mg/kg	8270C	07/10/10	10
Chrysene	3.7	0.39	mg/kg	8270C	07/10/10	10
Dibenz(a,h)anthracene	BDL	0.39	mg/kg	8270C	07/10/10	10
3,3-Dichlorobenzidine	BDL	3.9	mg/kg	8270C	07/10/10	10
2,4-Dinitrotoluene	BDL	3.9	mg/kg	8270C	07/10/10	10
2,6-Dinitrotoluene	BDL	3.9	mg/kg	8270C	07/10/10	10
Fluoranthene	6.3	0.39	mg/kg	8270C	07/10/10	10
Fluorene	2.7	0.39	mg/kg	8270C	07/10/10	10
Hexachlorobenzene	BDL	3.9	mg/kg	8270C	07/10/10	10
Hexachloro-1,3-butadiene	BDL	3.9	mg/kg	8270C	07/10/10	10
Hexachlorocyclopentadiene	BDL	3.9	mg/kg	8270C	07/10/10	10
Hexachloroethane	BDL	3.9	mg/kg	8270C	07/10/10	10
Indeno(1,2,3-cd)pyrene	0.47	0.39	mg/kg	8270C	07/10/10	10
Isophorone	BDL	3.9	mg/kg	8270C	07/10/10	10
Naphthalene	0.87	0.39	mg/kg	8270C	07/10/10	10
Nitrobenzene	BDL	3.9	mg/kg	8270C	07/10/10	10
n-Nitrosodimethylamine	BDL	3.9	mg/kg	8270C	07/10/10	10
n-Nitrosodiphenylamine	BDL	3.9	mg/kg	8270C	07/10/10	10
n-Nitrosodi-n-propylamine	BDL	3.9	mg/kg	8270C	07/10/10	10
Phenanthrene	7.5	0.39	mg/kg	8270C	07/10/10	10
Benzylbutyl phthalate	BDL	3.9	mg/kg	8270C	07/10/10	10
Bis(2-ethylhexyl)phthalate	BDL	3.9	mg/kg	8270C	07/10/10	10
Di-n-butyl phthalate	BDL	3.9	mg/kg	8270C	07/10/10	10
Diethyl phthalate	BDL	3.9	mg/kg	8270C	07/10/10	10
Dimethyl phthalate	BDL	3.9	mg/kg	8270C	07/10/10	10
Di-n-octyl phthalate	BDL	3.9	mg/kg	8270C	07/10/10	10
Pyrene	5.3	0.39	mg/kg	8270C	07/10/10	10
1,2,4-Trichlorobenzene	BDL	3.9	mg/kg	8270C	07/10/10	10
Acid Extractables						
4-Chloro-3-methylphenol	BDL	3.9	mg/kg	8270C	07/10/10	10
2-Chlorophenol	BDL	3.9	mg/kg	8270C	07/10/10	10
2,4-Dichlorophenol	BDL	3.9	mg/kg	8270C	07/10/10	10
2,4-Dimethylphenol	BDL	3.9	mg/kg	8270C	07/10/10	10
4,6-Dinitro-2-methylphenol	BDL	3.9	mg/kg	8270C	07/10/10	10
2,4-Dinitrophenol	BDL	3.9	mg/kg	8270C	07/10/10	10
2-Nitrophenol	BDL	3.9	mg/kg	8270C	07/10/10	10
4-Nitrophenol	BDL	3.9	mg/kg	8270C	07/10/10	10
Pentachlorophenol	BDL	3.9	mg/kg	8270C	07/10/10	10
Phenol	BDL	3.9	mg/kg	8270C	07/10/10	10
2,4,6-Trichlorophenol	BDL	3.9	mg/kg	8270C	07/10/10	10
Surrogate Recovery						
2-Fluorophenol	89.7		% Rec.	8270C	07/10/10	10
Phenol-d5	91.3		% Rec.	8270C	07/10/10	10
Nitrobenzene-d5	75.8		% Rec.	8270C	07/10/10	10

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-11

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : DUPLICATE 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:06

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2-Fluorobiphenyl	92.1		% Rec.	8270C	07/10/10	10
2,4,6-Tribromophenol	82.2		% Rec.	8270C	07/10/10	10
p-Terphenyl-d14	95.1		% Rec.	8270C	07/10/10	10

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-12

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-1

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 11:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Acenaphthene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Acenaphthylene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(a)anthracene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(a)pyrene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(b)fluoranthene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(g,h,i)perylene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(k)fluoranthene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Chrysene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Dibenz(a,h)anthracene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Fluoranthene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Fluorene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Naphthalene	BDL	0.25	ug/l	8270C-SIM	07/08/10	1
Phenanthrene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Pyrene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
1-Methylnaphthalene	BDL	0.25	ug/l	8270C-SIM	07/08/10	1
2-Methylnaphthalene	BDL	0.25	ug/l	8270C-SIM	07/08/10	1
2-Chloronaphthalene	BDL	0.25	ug/l	8270C-SIM	07/08/10	1
Surrogate Recovery						
Nitrobenzene-d5	97.0		% Rec.	8270C-SIM	07/08/10	1
2-Fluorobiphenyl	91.3		% Rec.	8270C-SIM	07/08/10	1
p-Terphenyl-d14	98.0		% Rec.	8270C-SIM	07/08/10	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1221	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1232	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1242	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1248	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1254	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1260	BDL	0.50	ug/l	8082	07/09/10	1
PCBs Surrogates						
Decachlorobiphenyl	71.5		% Rec.	8082	07/09/10	1
Tetrachloro-m-xylene	77.0		% Rec.	8082	07/09/10	1

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-13

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-2

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 10:35

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	07/15/10	1
Acrolein	BDL	50.	ug/l	8260B	07/15/10	1
Acrylonitrile	BDL	10.	ug/l	8260B	07/15/10	1
Benzene	BDL	1.0	ug/l	8260B	07/15/10	1
Bromobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	07/15/10	1
Bromoform	BDL	1.0	ug/l	8260B	07/15/10	1
Bromomethane	BDL	5.0	ug/l	8260B	07/15/10	1
n-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
sec-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
tert-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	07/15/10	1
Chlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	07/15/10	1
Chloroethane	BDL	5.0	ug/l	8260B	07/15/10	1
2-Chloroethyl vinyl ether	BDL	50.	ug/l	8260B	07/15/10	1
Chloroform	BDL	5.0	ug/l	8260B	07/15/10	1
Chloromethane	BDL	2.5	ug/l	8260B	07/15/10	1
2-Chlorotoluene	BDL	1.0	ug/l	8260B	07/15/10	1
4-Chlorotoluene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	07/15/10	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	07/15/10	1
Dibromomethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Dichlorodifluoromethane	BDL	5.0	ug/l	8260B	07/15/10	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
cis-1,2-Dichloroethene	3.0	1.0	ug/l	8260B	07/15/10	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
2,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	07/15/10	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	8260B	07/15/10	1
Isopropylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
p-Isopropyltoluene	BDL	1.0	ug/l	8260B	07/15/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-13

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-2

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 10:35

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	10.	ug/l	8260B	07/15/10	1
Methylene Chloride	BDL	5.0	ug/l	8260B	07/15/10	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	07/15/10	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/15/10	1
Naphthalene	BDL	5.0	ug/l	8260B	07/15/10	1
n-Propylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Styrene	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	1.0	ug/l	8260B	07/15/10	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
Toluene	BDL	5.0	ug/l	8260B	07/15/10	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
Trichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
Trichlorofluoromethane	BDL	5.0	ug/l	8260B	07/15/10	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Vinyl chloride	BDL	1.0	ug/l	8260B	07/15/10	1
Xylenes, Total	BDL	3.0	ug/l	8260B	07/15/10	1
Surrogate Recovery						
Toluene-d8	109.		% Rec.	8260B	07/15/10	1
Dibromofluoromethane	119.		% Rec.	8260B	07/15/10	1
4-Bromofluorobenzene	79.9		% Rec.	8260B	07/15/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	07/08/10	1
Acenaphthylene	BDL	1.0	ug/l	8270C	07/08/10	1
Anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzidine	BDL	10.	ug/l	8270C	07/08/10	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	07/08/10	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
2-Chloronaphthalene	BDL	1.0	ug/l	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-13

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-2

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 10:35

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
Chrysene	BDL	1.0	ug/l	8270C	07/08/10	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
2,6-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
Fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Fluorene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachlorobenzene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachloroethane	BDL	10.	ug/l	8270C	07/08/10	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Isophorone	BDL	10.	ug/l	8270C	07/08/10	1
Naphthalene	BDL	1.0	ug/l	8270C	07/08/10	1
Nitrobenzene	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodimethylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	07/08/10	1
Phenanthrene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzylbutyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Di-n-butyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Diethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Dimethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Di-n-octyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	8270C	07/08/10	1
Acid Extractables						
Surrogate Recovery						
Nitrobenzene-d5	70.2		% Rec.	8270C	07/08/10	1
2-Fluorobiphenyl	80.3		% Rec.	8270C	07/08/10	1
p-Terphenyl-d14	112.		% Rec.	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-14

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-3

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 16:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	32.	5.0	ug/l	6010B	07/12/10	1
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	07/15/10	1
Acrolein	BDL	50.	ug/l	8260B	07/15/10	1
Acrylonitrile	BDL	10.	ug/l	8260B	07/15/10	1
Benzene	BDL	1.0	ug/l	8260B	07/15/10	1
Bromobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	07/15/10	1
Bromoform	BDL	1.0	ug/l	8260B	07/15/10	1
Bromomethane	BDL	5.0	ug/l	8260B	07/15/10	1
n-Butylbenzene	8.2	1.0	ug/l	8260B	07/15/10	1
sec-Butylbenzene	9.6	1.0	ug/l	8260B	07/15/10	1
tert-Butylbenzene	1.6	1.0	ug/l	8260B	07/15/10	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	07/15/10	1
Chlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	07/15/10	1
Chloroethane	BDL	5.0	ug/l	8260B	07/15/10	1
2-Chloroethyl vinyl ether	BDL	50.	ug/l	8260B	07/15/10	1
Chloroform	BDL	5.0	ug/l	8260B	07/15/10	1
Chloromethane	BDL	2.5	ug/l	8260B	07/15/10	1
2-Chlorotoluene	BDL	1.0	ug/l	8260B	07/15/10	1
4-Chlorotoluene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	07/15/10	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	07/15/10	1
Dibromomethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Dichlorodifluoromethane	BDL	5.0	ug/l	8260B	07/15/10	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
2,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	07/15/10	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	8260B	07/15/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-14

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-3

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 16:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Isopropylbenzene	14.	1.0	ug/l	8260B	07/15/10	1
p-Isopropyltoluene	1.8	1.0	ug/l	8260B	07/15/10	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	07/15/10	1
Methylene Chloride	BDL	5.0	ug/l	8260B	07/15/10	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	07/15/10	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/15/10	1
Naphthalene	BDL	5.0	ug/l	8260B	07/15/10	1
n-Propylbenzene	24.	1.0	ug/l	8260B	07/15/10	1
Styrene	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	1.0	ug/l	8260B	07/15/10	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
Toluene	BDL	5.0	ug/l	8260B	07/15/10	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
Trichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
Trichlorofluoromethane	BDL	5.0	ug/l	8260B	07/15/10	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Vinyl chloride	BDL	1.0	ug/l	8260B	07/15/10	1
Xylenes, Total	BDL	3.0	ug/l	8260B	07/15/10	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/15/10	1
Dibromofluoromethane	93.9		% Rec.	8260B	07/15/10	1
4-Bromofluorobenzene	103.		% Rec.	8260B	07/15/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	07/08/10	1
Acenaphthylene	BDL	1.0	ug/l	8270C	07/08/10	1
Anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzidine	BDL	10.	ug/l	8270C	07/08/10	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-14

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-3

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 16:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
2-Chloronaphthalene	BDL	1.0	ug/l	8270C	07/08/10	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
Chrysene	BDL	1.0	ug/l	8270C	07/08/10	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
2,6-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
Fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Fluorene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachlorobenzene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachloroethane	BDL	10.	ug/l	8270C	07/08/10	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Isophorone	BDL	10.	ug/l	8270C	07/08/10	1
Naphthalene	BDL	1.0	ug/l	8270C	07/08/10	1
Nitrobenzene	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodimethylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	07/08/10	1
Phenanthrene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzylbutyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-ethylhexyl)phthalate	2.5	1.0	ug/l	8270C	07/08/10	1
Di-n-butyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Diethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Dimethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Di-n-octyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	8270C	07/08/10	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	10.	ug/l	8270C	07/08/10	1
2-Chlorophenol	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dichlorophenol	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dimethylphenol	BDL	10.	ug/l	8270C	07/08/10	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dinitrophenol	BDL	10.	ug/l	8270C	07/08/10	1
2-Nitrophenol	BDL	10.	ug/l	8270C	07/08/10	1
4-Nitrophenol	BDL	10.	ug/l	8270C	07/08/10	1
Pentachlorophenol	BDL	10.	ug/l	8270C	07/08/10	1
Phenol	BDL	10.	ug/l	8270C	07/08/10	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	8270C	07/08/10	1
Surrogate Recovery						
2-Fluorophenol	19.8		% Rec.	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-14

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-3

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 16:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Phenol-d5	13.6		% Rec.	8270C	07/08/10	1
Nitrobenzene-d5	42.8		% Rec.	8270C	07/08/10	1
2-Fluorobiphenyl	49.1		% Rec.	8270C	07/08/10	1
2,4,6-Tribromophenol	45.1		% Rec.	8270C	07/08/10	1
p-Terphenyl-d14	65.9		% Rec.	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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Reported: 07/16/10 10:25 Printed: 07/16/10 11:43

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-15

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-4

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:33

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	07/11/10	1
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	07/14/10	1
Acrolein	BDL	50.	ug/l	8260B	07/14/10	1
Acrylonitrile	BDL	10.	ug/l	8260B	07/14/10	1
Benzene	BDL	1.0	ug/l	8260B	07/14/10	1
Bromobenzene	BDL	1.0	ug/l	8260B	07/14/10	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	07/14/10	1
Bromoform	BDL	1.0	ug/l	8260B	07/14/10	1
Bromomethane	BDL	5.0	ug/l	8260B	07/14/10	1
n-Butylbenzene	BDL	1.0	ug/l	8260B	07/14/10	1
sec-Butylbenzene	BDL	1.0	ug/l	8260B	07/14/10	1
tert-Butylbenzene	BDL	1.0	ug/l	8260B	07/14/10	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	07/14/10	1
Chlorobenzene	BDL	1.0	ug/l	8260B	07/14/10	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	07/14/10	1
Chloroethane	BDL	5.0	ug/l	8260B	07/14/10	1
2-Chloroethyl vinyl ether	BDL	50.	ug/l	8260B	07/14/10	1
Chloroform	BDL	5.0	ug/l	8260B	07/14/10	1
Chloromethane	BDL	2.5	ug/l	8260B	07/14/10	1
2-Chlorotoluene	BDL	1.0	ug/l	8260B	07/14/10	1
4-Chlorotoluene	BDL	1.0	ug/l	8260B	07/14/10	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	07/14/10	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	07/14/10	1
Dibromomethane	BDL	1.0	ug/l	8260B	07/14/10	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/14/10	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/14/10	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/14/10	1
Dichlorodifluoromethane	BDL	5.0	ug/l	8260B	07/14/10	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	07/14/10	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	07/14/10	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	07/14/10	1
cis-1,2-Dichloroethene	1.9	1.0	ug/l	8260B	07/14/10	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/14/10	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/14/10	1
1,1-Dichloropropene	BDL	1.0	ug/l	8260B	07/14/10	1
1,3-Dichloropropane	BDL	1.0	ug/l	8260B	07/14/10	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/14/10	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/14/10	1
2,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/14/10	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	07/14/10	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/14/10	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	8260B	07/14/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
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July 16,2010

ESC Sample # : L467759-15

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-4

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:33

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Isopropylbenzene	BDL	1.0	ug/l	8260B	07/14/10	1
p-Isopropyltoluene	BDL	1.0	ug/l	8260B	07/14/10	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	07/14/10	1
Methylene Chloride	BDL	5.0	ug/l	8260B	07/14/10	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	07/14/10	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/14/10	1
Naphthalene	BDL	5.0	ug/l	8260B	07/14/10	1
n-Propylbenzene	BDL	1.0	ug/l	8260B	07/14/10	1
Styrene	BDL	1.0	ug/l	8260B	07/14/10	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/14/10	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/14/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	1.0	ug/l	8260B	07/14/10	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	07/14/10	1
Toluene	BDL	5.0	ug/l	8260B	07/14/10	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/14/10	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/14/10	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	07/14/10	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	07/14/10	1
Trichloroethene	BDL	1.0	ug/l	8260B	07/14/10	1
Trichlorofluoromethane	BDL	5.0	ug/l	8260B	07/14/10	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	8260B	07/14/10	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/14/10	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/14/10	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/14/10	1
Vinyl chloride	BDL	1.0	ug/l	8260B	07/14/10	1
Xylenes, Total	BDL	3.0	ug/l	8260B	07/14/10	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	07/14/10	1
Dibromofluoromethane	109.		% Rec.	8260B	07/14/10	1
4-Bromofluorobenzene	90.9		% Rec.	8260B	07/14/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	07/08/10	1
Acenaphthylene	BDL	1.0	ug/l	8270C	07/08/10	1
Anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzidine	BDL	10.	ug/l	8270C	07/08/10	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-15

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-4

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:33

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
2-Chloronaphthalene	BDL	1.0	ug/l	8270C	07/08/10	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
Chrysene	BDL	1.0	ug/l	8270C	07/08/10	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
2,6-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
Fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Fluorene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachlorobenzene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachloroethane	BDL	10.	ug/l	8270C	07/08/10	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Isophorone	BDL	10.	ug/l	8270C	07/08/10	1
Naphthalene	BDL	1.0	ug/l	8270C	07/08/10	1
Nitrobenzene	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodimethylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	07/08/10	1
Phenanthrene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzylbutyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-ethylhexyl)phthalate	4.0	1.0	ug/l	8270C	07/08/10	1
Di-n-butyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Diethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Dimethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Di-n-octyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	8270C	07/08/10	1
Acid Extractables						
Surrogate Recovery						
Nitrobenzene-d5	71.9		% Rec.	8270C	07/08/10	1
2-Fluorobiphenyl	80.4		% Rec.	8270C	07/08/10	1
p-Terphenyl-d14	111.		% Rec.	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-16

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-5

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 14:40

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	07/15/10	1
Acrolein	BDL	50.	ug/l	8260B	07/15/10	1
Acrylonitrile	BDL	10.	ug/l	8260B	07/15/10	1
Benzene	BDL	1.0	ug/l	8260B	07/15/10	1
Bromobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	07/15/10	1
Bromoform	BDL	1.0	ug/l	8260B	07/15/10	1
Bromomethane	BDL	5.0	ug/l	8260B	07/15/10	1
n-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
sec-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
tert-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	07/15/10	1
Chlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	07/15/10	1
Chloroethane	BDL	5.0	ug/l	8260B	07/15/10	1
2-Chloroethyl vinyl ether	BDL	50.	ug/l	8260B	07/15/10	1
Chloroform	BDL	5.0	ug/l	8260B	07/15/10	1
Chloromethane	BDL	2.5	ug/l	8260B	07/15/10	1
2-Chlorotoluene	BDL	1.0	ug/l	8260B	07/15/10	1
4-Chlorotoluene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	07/15/10	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	07/15/10	1
Dibromomethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Dichlorodifluoromethane	BDL	5.0	ug/l	8260B	07/15/10	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
2,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	07/15/10	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	8260B	07/15/10	1
Isopropylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
p-Isopropyltoluene	BDL	1.0	ug/l	8260B	07/15/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-16

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-5

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 14:40

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	10.	ug/l	8260B	07/15/10	1
Methylene Chloride	BDL	5.0	ug/l	8260B	07/15/10	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	07/15/10	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/15/10	1
Naphthalene	BDL	5.0	ug/l	8260B	07/15/10	1
n-Propylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Styrene	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	1.0	ug/l	8260B	07/15/10	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
Toluene	BDL	5.0	ug/l	8260B	07/15/10	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
Trichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
Trichlorofluoromethane	BDL	5.0	ug/l	8260B	07/15/10	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Vinyl chloride	BDL	1.0	ug/l	8260B	07/15/10	1
Xylenes, Total	BDL	3.0	ug/l	8260B	07/15/10	1
Surrogate Recovery						
Toluene-d8	97.3		% Rec.	8260B	07/15/10	1
Dibromofluoromethane	106.		% Rec.	8260B	07/15/10	1
4-Bromofluorobenzene	117.		% Rec.	8260B	07/15/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	07/08/10	1
Acenaphthylene	BDL	1.0	ug/l	8270C	07/08/10	1
Anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzidine	BDL	10.	ug/l	8270C	07/08/10	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	07/08/10	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
2-Chloronaphthalene	BDL	1.0	ug/l	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-16

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-5

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 14:40

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
Chrysene	BDL	1.0	ug/l	8270C	07/08/10	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
2,6-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
Fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Fluorene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachlorobenzene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachloroethane	BDL	10.	ug/l	8270C	07/08/10	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Isophorone	BDL	10.	ug/l	8270C	07/08/10	1
Naphthalene	BDL	1.0	ug/l	8270C	07/08/10	1
Nitrobenzene	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodimethylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	07/08/10	1
Phenanthrene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzylbutyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-ethylhexyl)phthalate	12.	1.0	ug/l	8270C	07/08/10	1
Di-n-butyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Diethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Dimethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Di-n-octyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	8270C	07/08/10	1
Acid Extractables						
Surrogate Recovery						
Nitrobenzene-d5	61.3		% Rec.	8270C	07/08/10	1
2-Fluorobiphenyl	75.6		% Rec.	8270C	07/08/10	1
p-Terphenyl-d14	114.		% Rec.	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-17

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-6

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:21

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	07/15/10	1
Acrolein	BDL	50.	ug/l	8260B	07/15/10	1
Acrylonitrile	BDL	10.	ug/l	8260B	07/15/10	1
Benzene	BDL	1.0	ug/l	8260B	07/15/10	1
Bromobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	07/15/10	1
Bromoform	BDL	1.0	ug/l	8260B	07/15/10	1
Bromomethane	BDL	5.0	ug/l	8260B	07/15/10	1
n-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
sec-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
tert-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	07/15/10	1
Chlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	07/15/10	1
Chloroethane	BDL	5.0	ug/l	8260B	07/15/10	1
2-Chloroethyl vinyl ether	BDL	50.	ug/l	8260B	07/15/10	1
Chloroform	BDL	5.0	ug/l	8260B	07/15/10	1
Chloromethane	BDL	2.5	ug/l	8260B	07/15/10	1
2-Chlorotoluene	BDL	1.0	ug/l	8260B	07/15/10	1
4-Chlorotoluene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	07/15/10	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	07/15/10	1
Dibromomethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Dichlorodifluoromethane	BDL	5.0	ug/l	8260B	07/15/10	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
2,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	07/15/10	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	8260B	07/15/10	1
Isopropylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
p-Isopropyltoluene	BDL	1.0	ug/l	8260B	07/15/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-17

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-6

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:21

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	10.	ug/l	8260B	07/15/10	1
Methylene Chloride	BDL	5.0	ug/l	8260B	07/15/10	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	07/15/10	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/15/10	1
Naphthalene	BDL	5.0	ug/l	8260B	07/15/10	1
n-Propylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Styrene	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	1.0	ug/l	8260B	07/15/10	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
Toluene	BDL	5.0	ug/l	8260B	07/15/10	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
Trichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
Trichlorofluoromethane	BDL	5.0	ug/l	8260B	07/15/10	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Vinyl chloride	BDL	1.0	ug/l	8260B	07/15/10	1
Xylenes, Total	BDL	3.0	ug/l	8260B	07/15/10	1
Surrogate Recovery						
Toluene-d8	99.4		% Rec.	8260B	07/15/10	1
Dibromofluoromethane	106.		% Rec.	8260B	07/15/10	1
4-Bromofluorobenzene	102.		% Rec.	8260B	07/15/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	07/08/10	1
Acenaphthylene	BDL	1.0	ug/l	8270C	07/08/10	1
Anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzidine	BDL	10.	ug/l	8270C	07/08/10	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	07/08/10	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
2-Chloronaphthalene	BDL	1.0	ug/l	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-17

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : GW-6

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:21

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
Chrysene	BDL	1.0	ug/l	8270C	07/08/10	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
2,6-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
Fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Fluorene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachlorobenzene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachloroethane	BDL	10.	ug/l	8270C	07/08/10	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Isophorone	BDL	10.	ug/l	8270C	07/08/10	1
Naphthalene	BDL	1.0	ug/l	8270C	07/08/10	1
Nitrobenzene	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodimethylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	07/08/10	1
Phenanthrene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzylbutyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-ethylhexyl)phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Di-n-butyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Diethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Dimethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Di-n-octyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	8270C	07/08/10	1
Acid Extractables						
Surrogate Recovery						
Nitrobenzene-d5	64.2		% Rec.	8270C	07/08/10	1
2-Fluorobiphenyl	79.4		% Rec.	8270C	07/08/10	1
p-Terphenyl-d14	115.		% Rec.	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-18

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : DUPLICATE

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 11:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Acenaphthene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Acenaphthylene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(a)anthracene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(a)pyrene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(b)fluoranthene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(g,h,i)perylene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(k)fluoranthene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Chrysene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Dibenz(a,h)anthracene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Fluoranthene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Fluorene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Naphthalene	BDL	0.25	ug/l	8270C-SIM	07/08/10	1
Phenanthrene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Pyrene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
1-Methylnaphthalene	BDL	0.25	ug/l	8270C-SIM	07/08/10	1
2-Methylnaphthalene	BDL	0.25	ug/l	8270C-SIM	07/08/10	1
2-Chloronaphthalene	BDL	0.25	ug/l	8270C-SIM	07/08/10	1
Surrogate Recovery						
Nitrobenzene-d5	93.1		% Rec.	8270C-SIM	07/08/10	1
2-Fluorobiphenyl	89.9		% Rec.	8270C-SIM	07/08/10	1
p-Terphenyl-d14	101.		% Rec.	8270C-SIM	07/08/10	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1221	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1232	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1242	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1248	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1254	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1260	BDL	0.50	ug/l	8082	07/09/10	1
PCBs Surrogates						
Decachlorobiphenyl	62.5		% Rec.	8082	07/09/10	1
Tetrachloro-m-xylene	63.9		% Rec.	8082	07/09/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-19

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : BLANK

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 11:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Acenaphthene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Acenaphthylene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(a)anthracene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(a)pyrene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(b)fluoranthene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(g,h,i)perylene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Benzo(k)fluoranthene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Chrysene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Dibenz(a,h)anthracene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Fluoranthene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Fluorene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Naphthalene	0.29	0.25	ug/l	8270C-SIM	07/08/10	1
Phenanthrene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
Pyrene	BDL	0.050	ug/l	8270C-SIM	07/08/10	1
1-Methylnaphthalene	BDL	0.25	ug/l	8270C-SIM	07/08/10	1
2-Methylnaphthalene	BDL	0.25	ug/l	8270C-SIM	07/08/10	1
2-Chloronaphthalene	BDL	0.25	ug/l	8270C-SIM	07/08/10	1
Surrogate Recovery						
Nitrobenzene-d5	85.8		% Rec.	8270C-SIM	07/08/10	1
2-Fluorobiphenyl	90.1		% Rec.	8270C-SIM	07/08/10	1
p-Terphenyl-d14	98.8		% Rec.	8270C-SIM	07/08/10	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1221	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1232	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1242	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1248	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1254	BDL	0.50	ug/l	8082	07/09/10	1
PCB 1260	BDL	0.50	ug/l	8082	07/09/10	1
PCBs Surrogates						
Decachlorobiphenyl	81.2		% Rec.	8082	07/09/10	1
Tetrachloro-m-xylene	81.1		% Rec.	8082	07/09/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-20

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : DUPLICATE

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 14:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	07/08/10	1
Acenaphthylene	BDL	1.0	ug/l	8270C	07/08/10	1
Anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzidine	BDL	10.	ug/l	8270C	07/08/10	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	07/08/10	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
2-Chloronaphthalene	BDL	1.0	ug/l	8270C	07/08/10	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
Chrysene	BDL	1.0	ug/l	8270C	07/08/10	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
2,6-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
Fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Fluorene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachlorobenzene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachloroethane	BDL	10.	ug/l	8270C	07/08/10	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Isophorone	BDL	10.	ug/l	8270C	07/08/10	1
Naphthalene	BDL	1.0	ug/l	8270C	07/08/10	1
Nitrobenzene	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodimethylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	07/08/10	1
Phenanthrene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzylbutyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-ethylhexyl)phthalate	1.4	1.0	ug/l	8270C	07/08/10	1
Di-n-butyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Diethyl phthalate	1.4	1.0	ug/l	8270C	07/08/10	1
Dimethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Di-n-octyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	8270C	07/08/10	1
Acid Extractables						

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-20

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : DUPLICATE

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 14:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	8270C	07/08/10	1
2-Chlorophenol	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dichlorophenol	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dimethylphenol	BDL	10.	ug/l	8270C	07/08/10	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dinitrophenol	BDL	10.	ug/l	8270C	07/08/10	1
2-Nitrophenol	BDL	10.	ug/l	8270C	07/08/10	1
4-Nitrophenol	BDL	10.	ug/l	8270C	07/08/10	1
Pentachlorophenol	BDL	10.	ug/l	8270C	07/08/10	1
Phenol	BDL	10.	ug/l	8270C	07/08/10	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	8270C	07/08/10	1
Surrogate Recovery						
2-Fluorophenol	22.5		% Rec.	8270C	07/08/10	1
Phenol-d5	15.8		% Rec.	8270C	07/08/10	1
Nitrobenzene-d5	80.7		% Rec.	8270C	07/08/10	1
2-Fluorobiphenyl	83.6		% Rec.	8270C	07/08/10	1
2,4,6-Tribromophenol	85.8		% Rec.	8270C	07/08/10	1
p-Terphenyl-d14	110.		% Rec.	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-21

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : BLANK

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	07/12/10	1
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	07/15/10	1
Acrolein	BDL	50.	ug/l	8260B	07/15/10	1
Acrylonitrile	BDL	10.	ug/l	8260B	07/15/10	1
Benzene	BDL	1.0	ug/l	8260B	07/15/10	1
Bromobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	07/15/10	1
Bromoform	BDL	1.0	ug/l	8260B	07/15/10	1
Bromomethane	BDL	5.0	ug/l	8260B	07/15/10	1
n-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
sec-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
tert-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	07/15/10	1
Chlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	07/15/10	1
Chloroethane	BDL	5.0	ug/l	8260B	07/15/10	1
2-Chloroethyl vinyl ether	BDL	50.	ug/l	8260B	07/15/10	1
Chloroform	BDL	5.0	ug/l	8260B	07/15/10	1
Chloromethane	BDL	2.5	ug/l	8260B	07/15/10	1
2-Chlorotoluene	BDL	1.0	ug/l	8260B	07/15/10	1
4-Chlorotoluene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	07/15/10	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	07/15/10	1
Dibromomethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Dichlorodifluoromethane	BDL	5.0	ug/l	8260B	07/15/10	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
2,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	07/15/10	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	8260B	07/15/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

12065 Lebanon Rd.
Mt. Juliet, TN 37122
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-21

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : BLANK

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Isopropylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
p-Isopropyltoluene	BDL	1.0	ug/l	8260B	07/15/10	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	07/15/10	1
Methylene Chloride	BDL	5.0	ug/l	8260B	07/15/10	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	07/15/10	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/15/10	1
Naphthalene	BDL	5.0	ug/l	8260B	07/15/10	1
n-Propylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Styrene	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	1.0	ug/l	8260B	07/15/10	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
Toluene	BDL	5.0	ug/l	8260B	07/15/10	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
Trichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
Trichlorofluoromethane	BDL	5.0	ug/l	8260B	07/15/10	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Vinyl chloride	BDL	1.0	ug/l	8260B	07/15/10	1
Xylenes, Total	BDL	3.0	ug/l	8260B	07/15/10	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/15/10	1
Dibromofluoromethane	98.8		% Rec.	8260B	07/15/10	1
4-Bromofluorobenzene	102.		% Rec.	8260B	07/15/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	07/08/10	1
Acenaphthylene	BDL	1.0	ug/l	8270C	07/08/10	1
Anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzidine	BDL	10.	ug/l	8270C	07/08/10	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	07/08/10	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-21

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : BLANK

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
2-Chloronaphthalene	BDL	1.0	ug/l	8270C	07/08/10	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	07/08/10	1
Chrysene	BDL	1.0	ug/l	8270C	07/08/10	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	07/08/10	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
2,6-Dinitrotoluene	BDL	10.	ug/l	8270C	07/08/10	1
Fluoranthene	BDL	1.0	ug/l	8270C	07/08/10	1
Fluorene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachlorobenzene	BDL	1.0	ug/l	8270C	07/08/10	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	07/08/10	1
Hexachloroethane	BDL	10.	ug/l	8270C	07/08/10	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
Isophorone	BDL	10.	ug/l	8270C	07/08/10	1
Naphthalene	BDL	1.0	ug/l	8270C	07/08/10	1
Nitrobenzene	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodimethylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	07/08/10	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	07/08/10	1
Phenanthrene	BDL	1.0	ug/l	8270C	07/08/10	1
Benzylbutyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Bis(2-ethylhexyl)phthalate	5.6	1.0	ug/l	8270C	07/08/10	1
Di-n-butyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Diethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Dimethyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Di-n-octyl phthalate	BDL	1.0	ug/l	8270C	07/08/10	1
Pyrene	BDL	1.0	ug/l	8270C	07/08/10	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	8270C	07/08/10	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	10.	ug/l	8270C	07/08/10	1
2-Chlorophenol	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dichlorophenol	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dimethylphenol	BDL	10.	ug/l	8270C	07/08/10	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	8270C	07/08/10	1
2,4-Dinitrophenol	BDL	10.	ug/l	8270C	07/08/10	1
2-Nitrophenol	BDL	10.	ug/l	8270C	07/08/10	1
4-Nitrophenol	BDL	10.	ug/l	8270C	07/08/10	1
Pentachlorophenol	BDL	10.	ug/l	8270C	07/08/10	1
Phenol	BDL	10.	ug/l	8270C	07/08/10	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	8270C	07/08/10	1
Surrogate Recovery						
2-Fluorophenol	36.3		% Rec.	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-21

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : BLANK

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Phenol-d5	26.3		% Rec.	8270C	07/08/10	1
Nitrobenzene-d5	69.1		% Rec.	8270C	07/08/10	1
2-Fluorobiphenyl	79.8		% Rec.	8270C	07/08/10	1
2,4,6-Tribromophenol	67.0		% Rec.	8270C	07/08/10	1
p-Terphenyl-d14	111.		% Rec.	8270C	07/08/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/16/10 10:25 Printed: 07/16/10 11:44

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-22

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : DUPLICATE

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:33

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	07/11/10	1
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	07/15/10	1
Acrolein	BDL	50.	ug/l	8260B	07/15/10	1
Acrylonitrile	BDL	10.	ug/l	8260B	07/15/10	1
Benzene	BDL	1.0	ug/l	8260B	07/15/10	1
Bromobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	07/15/10	1
Bromoform	BDL	1.0	ug/l	8260B	07/15/10	1
Bromomethane	BDL	5.0	ug/l	8260B	07/15/10	1
n-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
sec-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
tert-Butylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	07/15/10	1
Chlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	07/15/10	1
Chloroethane	BDL	5.0	ug/l	8260B	07/15/10	1
2-Chloroethyl vinyl ether	BDL	50.	ug/l	8260B	07/15/10	1
Chloroform	BDL	5.0	ug/l	8260B	07/15/10	1
Chloromethane	BDL	2.5	ug/l	8260B	07/15/10	1
2-Chlorotoluene	BDL	1.0	ug/l	8260B	07/15/10	1
4-Chlorotoluene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	07/15/10	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	07/15/10	1
Dibromomethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Dichlorodifluoromethane	BDL	5.0	ug/l	8260B	07/15/10	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
cis-1,2-Dichloroethene	1.8	1.0	ug/l	8260B	07/15/10	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/15/10	1
2,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	07/15/10	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	8260B	07/15/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-22

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : DUPLICATE

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:33

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Isopropylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
p-Isopropyltoluene	BDL	1.0	ug/l	8260B	07/15/10	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	07/15/10	1
Methylene Chloride	BDL	5.0	ug/l	8260B	07/15/10	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	07/15/10	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/15/10	1
Naphthalene	BDL	5.0	ug/l	8260B	07/15/10	1
n-Propylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Styrene	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	1.0	ug/l	8260B	07/15/10	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
Toluene	BDL	5.0	ug/l	8260B	07/15/10	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	07/15/10	1
Trichloroethene	BDL	1.0	ug/l	8260B	07/15/10	1
Trichlorofluoromethane	BDL	5.0	ug/l	8260B	07/15/10	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/15/10	1
Vinyl chloride	BDL	1.0	ug/l	8260B	07/15/10	1
Xylenes, Total	BDL	3.0	ug/l	8260B	07/15/10	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/15/10	1
Dibromofluoromethane	98.0		% Rec.	8260B	07/15/10	1
4-Bromofluorobenzene	99.6		% Rec.	8260B	07/15/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/16/10 10:25 Printed: 07/16/10 11:44

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REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-23

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : DUPLICATE

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 11:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	80.5		%	2540G	07/09/10	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.041	mg/kg	8270C	07/09/10	1
Acenaphthene	BDL	0.041	mg/kg	8270C	07/09/10	1
Acenaphthylene	BDL	0.041	mg/kg	8270C	07/09/10	1
Benzo(a)anthracene	BDL	0.041	mg/kg	8270C	07/09/10	1
Benzo(a)pyrene	BDL	0.041	mg/kg	8270C	07/09/10	1
Benzo(b)fluoranthene	BDL	0.041	mg/kg	8270C	07/09/10	1
Benzo(g,h,i)perylene	BDL	0.041	mg/kg	8270C	07/09/10	1
Benzo(k)fluoranthene	BDL	0.041	mg/kg	8270C	07/09/10	1
Chrysene	BDL	0.041	mg/kg	8270C	07/09/10	1
Dibenz(a,h)anthracene	BDL	0.041	mg/kg	8270C	07/09/10	1
Fluoranthene	BDL	0.041	mg/kg	8270C	07/09/10	1
Fluorene	BDL	0.041	mg/kg	8270C	07/09/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.041	mg/kg	8270C	07/09/10	1
Naphthalene	BDL	0.041	mg/kg	8270C	07/09/10	1
Phenanthrene	BDL	0.041	mg/kg	8270C	07/09/10	1
Pyrene	BDL	0.041	mg/kg	8270C	07/09/10	1
Surrogate Recovery						
Nitrobenzene-d5	55.7		% Rec.	8270C	07/09/10	1
2-Fluorobiphenyl	59.9		% Rec.	8270C	07/09/10	1
p-Terphenyl-d14	58.6		% Rec.	8270C	07/09/10	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.021	mg/kg	8082	07/09/10	1
PCB 1221	BDL	0.021	mg/kg	8082	07/09/10	1
PCB 1232	BDL	0.021	mg/kg	8082	07/09/10	1
PCB 1242	BDL	0.021	mg/kg	8082	07/09/10	1
PCB 1248	BDL	0.021	mg/kg	8082	07/09/10	1
PCB 1254	BDL	0.021	mg/kg	8082	07/09/10	1
PCB 1260	BDL	0.021	mg/kg	8082	07/09/10	1
PCBs Surrogates						
Decachlorobiphenyl	82.1		% Rec.	8082	07/09/10	1
Tetrachloro-m-xylene	75.7		% Rec.	8082	07/09/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
This report shall not be reproduced, except in full, without the written approval from ESC.
The reported analytical results relate only to the sample submitted
Reported: 07/16/10 10:25 Printed: 07/16/10 11:44

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

July 16,2010

ESC Sample # : L467759-24

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : BLANK

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 11:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	78.6		%	2540G	07/09/10	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.042	mg/kg	8270C	07/09/10	1
Acenaphthene	BDL	0.042	mg/kg	8270C	07/09/10	1
Acenaphthylene	BDL	0.042	mg/kg	8270C	07/09/10	1
Benzo(a)anthracene	BDL	0.042	mg/kg	8270C	07/09/10	1
Benzo(a)pyrene	BDL	0.042	mg/kg	8270C	07/09/10	1
Benzo(b)fluoranthene	BDL	0.042	mg/kg	8270C	07/09/10	1
Benzo(g,h,i)perylene	BDL	0.042	mg/kg	8270C	07/09/10	1
Benzo(k)fluoranthene	BDL	0.042	mg/kg	8270C	07/09/10	1
Chrysene	BDL	0.042	mg/kg	8270C	07/09/10	1
Dibenz(a,h)anthracene	BDL	0.042	mg/kg	8270C	07/09/10	1
Fluoranthene	BDL	0.042	mg/kg	8270C	07/09/10	1
Fluorene	BDL	0.042	mg/kg	8270C	07/09/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.042	mg/kg	8270C	07/09/10	1
Naphthalene	BDL	0.042	mg/kg	8270C	07/09/10	1
Phenanthrene	BDL	0.042	mg/kg	8270C	07/09/10	1
Pyrene	BDL	0.042	mg/kg	8270C	07/09/10	1
Surrogate Recovery						
Nitrobenzene-d5	47.6		% Rec.	8270C	07/09/10	1
2-Fluorobiphenyl	57.8		% Rec.	8270C	07/09/10	1
p-Terphenyl-d14	36.6		% Rec.	8270C	07/09/10	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.022	mg/kg	8082	07/09/10	1
PCB 1221	BDL	0.022	mg/kg	8082	07/09/10	1
PCB 1232	BDL	0.022	mg/kg	8082	07/09/10	1
PCB 1242	BDL	0.022	mg/kg	8082	07/09/10	1
PCB 1248	BDL	0.022	mg/kg	8082	07/09/10	1
PCB 1254	BDL	0.022	mg/kg	8082	07/09/10	1
PCB 1260	BDL	0.022	mg/kg	8082	07/09/10	1
PCBs Surrogates						
Decachlorobiphenyl	92.2		% Rec.	8082	07/09/10	1
Tetrachloro-m-xylene	73.2		% Rec.	8082	07/09/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
This report shall not be reproduced, except in full, without the written approval from ESC.
The reported analytical results relate only to the sample submitted
Reported: 07/16/10 10:25 Printed: 07/16/10 11:44

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L467759-03	WG487342	SAMP	Benzidine	R1279742	J3
	WG487342	SAMP	Pentachlorophenol	R1279742	J4
	WG487342	SAMP	2-Fluorophenol	R1279742	J7
	WG487342	SAMP	Phenol-d5	R1279742	J7
	WG487342	SAMP	Nitrobenzene-d5	R1279742	J7
	WG487342	SAMP	2-Fluorobiphenyl	R1279742	J7
	WG487342	SAMP	2,4,6-Tribromophenol	R1279742	J7
	WG487342	SAMP	p-Terphenyl-d14	R1279742	J7
L467759-04	WG487658	SAMP	4-Bromophenyl-phenylether	R1283188	J4
	WG487658	SAMP	Pentachlorophenol	R1283188	J4
L467759-05	WG487658	SAMP	Acenaphthene	R1283188	O
	WG487658	SAMP	Acenaphthylene	R1283188	O
	WG487658	SAMP	Anthracene	R1283188	O
	WG487658	SAMP	Benzidine	R1283188	O
	WG487658	SAMP	Benzo(a)anthracene	R1283188	O
	WG487658	SAMP	Benzo(b)fluoranthene	R1283188	O
	WG487658	SAMP	Benzo(k)fluoranthene	R1283188	O
	WG487658	SAMP	Benzo(g,h,i)perylene	R1283188	O
	WG487658	SAMP	Benzo(a)pyrene	R1283188	O
	WG487658	SAMP	Bis(2-chlorethoxy)methane	R1283188	O
	WG487658	SAMP	Bis(2-chloroethyl)ether	R1283188	O
	WG487658	SAMP	Bis(2-chloroisopropyl)ether	R1283188	O
	WG487658	SAMP	4-Bromophenyl-phenylether	R1283188	OJ4
	WG487658	SAMP	2-Chloronaphthalene	R1283188	O
	WG487658	SAMP	4-Chlorophenyl-phenylether	R1283188	O
	WG487658	SAMP	Chrysene	R1283188	O
	WG487658	SAMP	Dibenz(a,h)anthracene	R1283188	O
	WG487658	SAMP	3,3-Dichlorobenzidine	R1283188	O
	WG487658	SAMP	2,4-Dinitrotoluene	R1283188	O
	WG487658	SAMP	2,6-Dinitrotoluene	R1283188	O
	WG487658	SAMP	Fluoranthene	R1283188	O
	WG487658	SAMP	Fluorene	R1283188	O
	WG487658	SAMP	Hexachlorobenzene	R1283188	O
	WG487658	SAMP	Hexachloro-1,3-butadiene	R1283188	O
	WG487658	SAMP	Hexachlorocyclopentadiene	R1283188	O
	WG487658	SAMP	Hexachloroethane	R1283188	O
	WG487658	SAMP	Indeno(1,2,3-cd)pyrene	R1283188	O
	WG487658	SAMP	Isophorone	R1283188	O
	WG487658	SAMP	Naphthalene	R1283188	O
	WG487658	SAMP	Nitrobenzene	R1283188	O
	WG487658	SAMP	n-Nitrosodimethylamine	R1283188	O
	WG487658	SAMP	n-Nitrosodiphenylamine	R1283188	O
	WG487658	SAMP	n-Nitrosodi-n-propylamine	R1283188	O
	WG487658	SAMP	Phenanthrene	R1283188	O
	WG487658	SAMP	Benzylbutyl phthalate	R1283188	O
	WG487658	SAMP	Bis(2-ethylhexyl)phthalate	R1283188	O
	WG487658	SAMP	Di-n-butyl phthalate	R1283188	O
	WG487658	SAMP	Diethyl phthalate	R1283188	O
	WG487658	SAMP	Dimethyl phthalate	R1283188	O
	WG487658	SAMP	Di-n-octyl phthalate	R1283188	O
	WG487658	SAMP	Pyrene	R1283188	O
	WG487658	SAMP	1,2,4-Trichlorobenzene	R1283188	O
	WG487658	SAMP	4-Chloro-3-methylphenol	R1283188	O
	WG487658	SAMP	2-Chlorophenol	R1283188	O
	WG487658	SAMP	2,4-Dichlorophenol	R1283188	O
	WG487658	SAMP	2,4-Dimethylphenol	R1283188	O
	WG487658	SAMP	4,6-Dinitro-2-methylphenol	R1283188	O
	WG487658	SAMP	2,4-Dinitrophenol	R1283188	O
	WG487658	SAMP	2-Nitrophenol	R1283188	O
	WG487658	SAMP	4-Nitrophenol	R1283188	O
	WG487658	SAMP	Pentachlorophenol	R1283188	OJ4
	WG487658	SAMP	Phenol	R1283188	O
	WG487658	SAMP	2,4,6-Trichlorophenol	R1283188	O
L467759-06	WG487658	SAMP	4-Bromophenyl-phenylether	R1283188	J4
	WG487658	SAMP	Pentachlorophenol	R1283188	J4
L467759-07	WG487658	SAMP	Benzo(b)fluoranthene	R1283188	O
	WG487658	SAMP	Benzo(k)fluoranthene	R1283188	O
	WG487658	SAMP	Benzo(g,h,i)perylene	R1283188	O
	WG487658	SAMP	Benzo(a)pyrene	R1283188	O

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG487658	SAMP	4-Bromophenyl-phenylether	R1283188	J4
	WG487658	SAMP	Dibenz(a,h)anthracene	R1283188	O
	WG487658	SAMP	Indeno(1,2,3-cd)pyrene	R1283188	O
	WG487658	SAMP	Pentachlorophenol	R1283188	J4
	WG487658	SAMP	2-Fluorophenol	R1283188	J7
	WG487658	SAMP	Phenol-d5	R1283188	J7
	WG487658	SAMP	Nitrobenzene-d5	R1283188	J7
	WG487658	SAMP	2-Fluorobiphenyl	R1283188	J7
	WG487658	SAMP	2,4,6-Tribromophenol	R1283188	J7
	WG487658	SAMP	p-Terphenyl-d14	R1283188	J7
L467759-08	WG487658	SAMP	4-Bromophenyl-phenylether	R1283188	J4
	WG487658	SAMP	Pentachlorophenol	R1283188	J4
L467759-09	WG487658	SAMP	Bis(2-chlorethoxy)methane	R1283188	J5
	WG487658	SAMP	4-Chlorophenyl-phenylether	R1283188	J5
	WG487658	SAMP	Dimethyl phthalate	R1283188	J5
L467759-10	WG487658	SAMP	4-Bromophenyl-phenylether	R1283188	J4
	WG487658	SAMP	Pentachlorophenol	R1283188	J4
L467759-11	WG487658	SAMP	4-Bromophenyl-phenylether	R1283188	J4
	WG487658	SAMP	Pentachlorophenol	R1283188	J4
L467759-12	WG487450	SAMP	Benzo(g,h,i)perylene	R1280731	J6
	WG487450	SAMP	Dibenz(a,h)anthracene	R1280731	J6
	WG487450	SAMP	Indeno(1,2,3-cd)pyrene	R1280731	J6
L467759-13	WG488484	SAMP	1,3-Dichloropropane	R1286628	J4J3
L467759-14	WG488592	SAMP	2-Chloroethyl vinyl ether	R1288028	J3
	WG488592	SAMP	Naphthalene	R1288028	J3
	WG487347	SAMP	Pentachlorophenol	R1279743	J3J4
L467759-15	WG488484	SAMP	2-Chloroethyl vinyl ether	R1286628	J3
	WG488484	SAMP	1,3-Dichloropropane	R1286628	J4J3
L467759-16	WG488484	SAMP	1,3-Dichloropropane	R1286628	J4J3
L467759-17	WG488484	SAMP	1,3-Dichloropropane	R1286628	J4J3
L467759-20	WG487347	SAMP	Pentachlorophenol	R1279743	J3J4
L467759-21	WG488592	SAMP	2-Chloroethyl vinyl ether	R1288028	J3
	WG488592	SAMP	Naphthalene	R1288028	J3
	WG487347	SAMP	Pentachlorophenol	R1279743	J3J4
L467759-22	WG488592	SAMP	2-Chloroethyl vinyl ether	R1288028	J3
	WG488592	SAMP	Naphthalene	R1288028	J3
L467759-23	WG487452	SAMP	Anthracene	R1280790	J3
	WG487452	SAMP	Acenaphthene	R1280790	J3
	WG487452	SAMP	Acenaphthylene	R1280790	J3
	WG487452	SAMP	Benzo(a)anthracene	R1280790	J3
	WG487452	SAMP	Benzo(a)pyrene	R1280790	J3
	WG487452	SAMP	Benzo(g,h,i)perylene	R1280790	J3
	WG487452	SAMP	Chrysene	R1280790	J3
	WG487452	SAMP	Dibenz(a,h)anthracene	R1280790	J3
	WG487452	SAMP	Fluoranthene	R1280790	J3
	WG487452	SAMP	Fluorene	R1280790	J3
	WG487452	SAMP	Naphthalene	R1280790	J3
	WG487452	SAMP	Phenanthrene	R1280790	J3
	WG487452	SAMP	Pyrene	R1280790	J3
L467759-24	WG487452	SAMP	Anthracene	R1280790	J3
	WG487452	SAMP	Acenaphthene	R1280790	J3
	WG487452	SAMP	Acenaphthylene	R1280790	J3
	WG487452	SAMP	Benzo(a)anthracene	R1280790	J3
	WG487452	SAMP	Benzo(a)pyrene	R1280790	J3
	WG487452	SAMP	Benzo(g,h,i)perylene	R1280790	J3
	WG487452	SAMP	Chrysene	R1280790	J3
	WG487452	SAMP	Dibenz(a,h)anthracene	R1280790	J3
	WG487452	SAMP	Fluoranthene	R1280790	J3
	WG487452	SAMP	Fluorene	R1280790	J3
	WG487452	SAMP	Naphthalene	R1280790	J3
	WG487452	SAMP	Phenanthrene	R1280790	J3
	WG487452	SAMP	Pyrene	R1280790	J3

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
07/16/10 at 11:44:20

TSR Signing Reports: 206
R5 - Desired TAT

Sample: L467759-01 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-02 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25
MS/MSD this sample
Sample: L467759-03 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-04 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-05 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-06 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-07 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-08 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-09 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25
MS/MSD this sample. Use soil jar for additional 40ml stir bars for MS/MSD.
Sample: L467759-10 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-11 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-12 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25
MS/MSD SV8270PAHSIM only.
Sample: L467759-13 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-14 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-15 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25
MS/MSD for PBICP, and V8260 only.
Sample: L467759-16 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-17 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-18 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-19 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-20 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-21 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-22 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-23 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Sample: L467759-24 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 07/12/10 00:00 RPT Date: 07/16/10 10:25

Company Name/Address:

Terracon - Bettendorf

870 40th Avenue
Bettendorf,IA 52722

Billing Information:

Accounts Payable
870 40th Avenue

Bettendorf,IA 52722

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC LAB SCIENCES
12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Report to: JHoffmeyer

Email to: JHoffmeyer@terracon.com

Project Description: Moline Bettendorf

City/Sate Collected: Moline IL

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: C706706 0

ESC Key:

Collected by: (print) Joe Beck

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%
___ Three Day.....25%

Date Results Needed:
Email? ___No ✓Yes
FAX? ___No ✓Yes

CoCode: TERRABIA (lab use only)
Template/Prelogin:
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	BTEX	PAB	VOCs	SVOCs	Lead	PAH		Remarks/Contaminant	Sample # (lab only)
B1	G	SS	0-3	07-01-10	1120	2	✓	✓						L1677759 -01	
B1	G	SS	4-8	07-01-10	1120	2	✓	✓						02	
B2	G	SS	0-3	07-01-10	1013	5			✓	✓				03	
B2	G	SS	8-12	07-01-10	1044	5			✓	✓				04	
B3	G	SS	0-3	07-01-10	1550	5			✓	✓	✓	✓		05	
B3	G	SS	4-8	07-01-10	1556	5			✓	✓	✓	✓		06	
B4	G	SS	0-3	07-01-10	1303	5			✓	✓	✓	✓		07	
B4	G	SS	4-8	07-01-10	1313	5			✓	✓	✓	✓		08	
B5	G	SS	4-8	07-01-10	1423	4			✓	✓				09	

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)	Date: 07-02-10	Time: 1800	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: / Bottles Received:	CoC Seals Intact: ___Y ___N ___NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: / Time:	pH Checked: / NCF:

Company Name/Address:

Terracon - Bettendorf

870 40th Avenue
Bettendorf,IA 52722

Billing Information:

Accounts Payable
870 40th Avenue

Bettendorf,IA 52722

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC
L-A-B S-C-I-E-N-C-E-S
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Report to: John Brinkmeyer

Email to: jf brinkmeyer@terracon

Project Description: Molina Auto

City/State Collected: Molina, IL

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: 07Ua7060

ESC Key:

Collected by: (print) James Baxter

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ (Y)

Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%
Three Day.....25%

Date Results Needed:
Email? __No__Yes
FAX? __No__Yes

CoCode TERRABIA (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs	SVOCs	Metals	PCB	Vol			Remarks/Contaminant	Sample # (lab only)
B6	G	SS	4-8	07-01-10	1506	4	✓	✓						L467759-10	
~~Duplicate~~	~~G~~	~~SS~~		~~07-01-10~~	~~1120~~	~~6~~			~~✓~~	~~✓~~				~~JFB~~	
Duplicate	G	SS	4-8	07-01-10	1506	4	✓	✓						11	
MS/MSD B5	G	SS	4-8	07-01-10	1423	4	✓	✓						-09	
GW-1		GW		07-01-10	1145	2			✓	✓				12	
GW-2		GW		07-01-10	1035	3	✓	✓						13	
GW-3		GW		07-01-10	1605	4	✓	✓			✓			14	
GW-4		GW		07-01-10	1333	4	✓	✓			✓			15	
GW-5		GW		07-01-10	1440	3	✓	✓						16	

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
	07-02-10	1800			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: / Bottles Received:	CoC Seals Intact ___ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: / Time:	pH Checked: / NCF:

Company Name/Address:
Terracon - Bettendorf

870 40th Avenue
Bettendorf,IA 52722

Billing Information:
Accounts Payable
870 40th Avenue
Bettendorf,IA 52722

Report to: John Brimeyer
Email to: jf brimeya @ terracon

Project Description: Moline Auto
City/State Collected: Moline IL

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: 07067066
ESC Key:

Collected by: (print) [illegible]
Site/Facility ID#:
P.O.#:

Collected by (signature): [illegible]
Immediately Packed on Ice N ___ Y

Rush? (Lab MUST Be Notified)
___ Same Day..... 200%
___ Next Day..... 100%
___ Two Day..... 50%
___ Three Day..... 25%

Date Results Needed:
Email? ___No ___Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC LAB SCIENCES
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

CoCode TERRABIA (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Bottles	VOCs	[illegible]	PCB	[illegible]			Remarks/Contaminant	Sample # (lab only)
GW-6		GW		07-01-10	1521	3	✓	✓						L467759-17	
Duplicate		GW		07-01-10	1145	2			✓	✓				18	
Blank		GW		07-01-10	1145	2			✓	✓				19	
GW-1 MS/MSD		GW		07-01-10	1145	2			✓	~~✓~~ JF3				-12	
Duplicate		GW		07-01-10	1445	1	✓							20	
Blank		GW		07-01-10	1345	4	✓	✓			✓			21	
Duplicate		GW		07-01-10	1333	3		✓			✓			22	
GW-4 MS/MSD		GW		07-01-10	1333	3		✓			✓			23	
GW-3 MS/MSD		GW		07-01-10	1645	1	✓							24	

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ___

Remarks: insufficient volume. Analyze GW-3, do not MS/MSD. JC 7/7

pH ___ Temp ___
Flow ___ Other ___

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
[illegible]	07-02-10	1800	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ ___

Temp: Bottles Received: Date: Time:

Condition: (lab use only)
CoC Seals Intact: ___Y ___N ___NA
pH Checked: NCF:

Company Name/Address:

Terracon - Bettendorf

870 40th Avenue
Bettendorf,IA 52722

Billing Information:

Accounts Payable
870 40th Avenue

Bettendorf,IA 52722

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC
L-A-B S-C-I-E-N-C-E-S
12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Report to: John Brimeyer

Email to: jfbrimeyer@terracon.com

Project Description: Moline Auto

City/Sate Collected: Moline, Il.

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: 07067060

ESC Key:

Collected by: (print) James Baxter

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ (Y)

Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%
___ Three Day.....25%

Date Results Needed:

Email? __No__Yes

FAX? __No__Yes

CoCode: TERRABIA (lab use only)

Template/Prelogin:

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	PAH	PCB	VOC	SVOC				Remarks/Contaminant	Sample # (lab only)
Duplicate ~~0-3~~	G	SS	0-3	07-01-10	1120	2	✓	✓						L467759-23	
Blank	G	SS	0-3	07-01-10	1120	2	✓	✓						24	
B-1 MS/MSD	G	SS	4-8	07-01-10	1120	2	✓	✓							
Blank	G	SS	4-8	07-01-10	1500	5			✓	✓				AV ~~25~~	

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____	Condition: (lab use only)
	07-02-10	1800			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: / Bottles Received:	CoC Seals Intact: Y N NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: / Time:	pH Checked: / NCF:

ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : L417759

Date: 07-03-10

J. Carr

Evaluated by: J. Fuller

Client: TERRABIA

Non-Conformance (check applicable items)

	Chain of Custody is missing	✓	Login Clarification Needed
	Improper container type		Improper preservation
	Chain of custody is incomplete		Container lid not intact
	Parameter(s) past holding time		Improper temperature
	Broken container(s) **see below**		Broken container: sufficient sample volume remains for analysis requested

_____ Insufficient packing material around container

_____ Insufficient packing material inside cooler

_____ Improper handling by carrier (FedEx / UPS / Courier)

_____ Sample was frozen

Comments: 1. Insufficient Sample for MS/MSD

2. Received Soils not on C.of.C :(Dup 4-8 11:20) (B5 4-8 MS/MSD 1423) (Dup 0-3) 1120) (Blank 0-3 1120) (Blank 4-8 1120) (B1 MS/MSD 4-8 1120) (B1 MS/MSD 0-3 1120) (Vials BC MS/MSD 1500) (Blank 1500)

Login Instructions:

TSR Initials: JC

Client informed by call/ email/ fax / voice mail date: 7/7/10 time: 0917

Client contact:

See Attachments

3. Did not receive (Dup @ 1120) (MS/MSD B5 4-8 @1423)

Jeff Carr

From: Brimeyer, John F. [jfbrimeyer@terracon.com]
Sent: Wednesday, July 07, 2010 9:00 AM
To: Jeff Carr
Subject: Moline Auto
Attachments: MOLINE AUTO REVISED COC.pdf

Jeff,

Here is a revised Chain-of-Custody for the Moline Auto samples. We have added:

Duplicate 0-3 @ 11:20
Blank 0-3 @ 11:20
B-1 4-8 MS/MSD @ 11:20
Blank 4-8 @15:06

Also run B5 ms/msD for VOC's and SVOC's per JB, JC 7/8/10

Do not analyze the following:

Duplicate 4-8 @ 11:2-0
Blank 4-8 @ 11:20
B-1 0-3 MS/MSD @ 11:20
B-6 MS/MSD @ 15:06

In addition, the COC has been modified to delete Duplicate @ 11:20 and to delete PCB analysis for GW-1 MS/MSD.

John F. Brimeyer
Senior Associate
Manager I Environmental Services
Terracon
870 40th Avenue I Bettendorf, Iowa 52722
P [563] 355 0702 I F [563] 355 4789 I M [563] 210 6348
jfbrimeyer@terracon.com I terracon.com

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Company Name/Address:

Terracon - Bettendorf

870 40th Avenue
Bettendorf.IA 52722

Billing Information:

Accounts Payable
870 40th Avenue

Bettendorf,IA 52722

Report to: John Brimeyer

Email to: jfbrimeyer@terracon.com

Project Description: Moline Auto

City/Sate Collected: Moline IL

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: 07067060

ESC Key:

Collected by: (print) [illegible]

Site/Facility ID#:

P.O.#:

Collected by (signature): [illegible]

Immediately Packed on Ice N ___ Y (Y circled)

Rush? (Lab MUST Be Notified)
___ Same Day. 200%
___ Next Day. 100%
___ Two Day. 50%
___ Three Day. 25%

Date Results Needed:
Email? __No__Yes (Yes circled)
FAX? __No__Yes (Yes circled)

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC LAB SCIENCES
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

CoCode **TERRABIA** (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	PAH	PCB	VOCs Soil Brass/Metals	SVOCs	Lead	pH			Remarks/Contaminant	Sample # (lab only)
B1	G	SS	0-3	07-01-10	1120	2	✓	✓								
B1	G	SS	4-8	07-01-10	1120	2	✓	✓								
B2	G	SS	0-3	07-01-10	1013	~~5~~ 4			✓	✓						
B2	G	SS	8-12	07-01-10	1044	~~5~~ 4			✓	✓						
B3	G	SS	0-3	07-01-10	1550	5			✓	✓	✓	✓				
B3	G	SS	4-8	07-01-10	1556	5			✓	✓	✓	✓				
B4	G	SS	0-3	07-01-10	1303	5			✓	✓	✓	✓				
B4	G	SS	4-8	07-01-10	1313	5			✓	✓	✓	✓				
B5	G	SS	4-8	07-01-10	1423	4			✓	✓						

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks: 8728 7063 4828 8719 6022 7614 8719 6022 7636
8719 6022 7577 8719 6022 7595

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____	Condition: (lab use only)
[illegible]	07-02-10	1800			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.7°C / Bottles Received: 94+5TB	CoC Seals Intact ___ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: 07-02-10 / Time: 0900	pH Checked: <2 / NCF:

Company Name/Address:

Terracon - Bettendorf

870 40th Avenue
Bettendorf.IA 52722

Billing Information:

Accounts Payable
870 40th Avenue

Bettendorf,IA 52722

Report to: John Brimeyer

Email to: jf brimeyer@ terracon

Project Description: Moline Auto

City/Sate Collected: Moline, IL

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: 07060 7060

ESC Key:

Collected by: (print) James Baxter

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ (Y)

Rush? (Lab MUST Be Notified)
___ Same Day. 200%
___ Next Day. 100%
___ Two Day. 50%
___ Three Day. 25%

Date Results Needed:

Email? __No__(Yes)
FAX? __No__(Yes)

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC LAB SCIENCES
12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

CoCode **TERRABIA** (lab use only)

Template/Prelogin

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs	SVOCs	PAH	PCB	Lead <2				Remarks/Contaminant	Sample # (lab only)
B6	G	SS	4-8	07-01-10	1506	4	✓	✓								
Duplicate	G	SS		07-01-10	1120	6			✓	✓						
Duplicate	G	SS	4-8	07-01-10	1506	4	✓	✓								
MS/MSD B5	G	SS	4-8	07-01-10	1423	4	✓	✓								
GW-1		GW		07-01-10	1145	2			✓	✓						
GW-2		GW		07-01-10	1035	3	✓	✓								
GW-3		GW		07-01-10	1605	4	✓	✓			✓					
GW-4		GW		07-01-10	1333	4	✓	✓			✓					
GW-5		GW		07-01-10	1440	3	✓	✓								

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____	Condition: (lab use only)	
	07-02-10	1800				
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.7°C	Bottles Received: 94+5TB	CoC Seals Intact ___Y ___N ___NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 07-02-10	Time: 0900	pH Checked: <2 / NCF:

Company Name/Address:

Terracon - Bettendorf

870 40th Avenue
Bettendorf.IA 52722

Billing Information:

Accounts Payable
870 40th Avenue

Bettendorf,IA 52722

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC
L·A·B S·C·I·E·N·C·E·S
12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Report to: John Brimeyer

Email to: jf brimeyer @ terracon

Project Description: Moline Auto

City/Sate Collected: Moline IL

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: 07067060

ESC Key:

Collected by: (print) James Barte

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ (Y)

Rush? (Lab MUST Be Notified)
___ Same Day. 200%
___ Next Day. 100%
___ Two Day. 50%
___ Three Day. 25%

Date Results Needed:

Email? __No (Yes)
FAX? __No (Yes)

CoCode **TERRABIA** (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	SVOC	VOCs	PAH	PCB	Lead				Remarks/Contaminant	Sample # (lab only)
GW-1e		GW		07-01-10	1521	3	✓	✓								
Duplicate		GW		07-01-10	1145	2			✓	✓						
Blank		GW		07-01-10	1145	2			✓	✓						
GW-1 MS/MSD		GW		07-01-10	1145	2			✓	✓						
Duplicate		GW		07-01-10	1445	1	✓									
Blank		GW		07-01-10	1345	4	✓	✓			✓					
Duplicate		GW		07-01-10	1333	3		✓			✓					
GW-4 MS/MSD		GW		07-01-10	1333	3		✓			✓					
GW-3 MS/MSD		GW		07-01-10	1645	1	✓									

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)	Date: 07-02-10	Time: 1800	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.7°C / Bottles Received: 947578	CoC Seals Intact ___ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) J. Zell	Date: 07-03-10 / Time: 0900	pH Checked: <2 / NCF:

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

Report Summary

Monday August 09, 2010

Report Number: L472549
Samples Received: 07/03/10
Client Project: 07067060

Description: Moline Auto

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Jarred Willis

Jarred Willis , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002,NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A

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Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

August 09,2010

ESC Sample # : L472549-01

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B3 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	86.6		%	2540G	07/09/10	1
Lead	57.	0.29	mg/kg	6010B	08/09/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
This report shall not be reproduced, except in full, without the written approval from ESC.
The reported analytical results relate only to the sample submitted
Reported: 08/09/10 14:08 Printed: 08/09/10 14:08

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

August 09,2010

ESC Sample # : L472549-02

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B3 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 15:56

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	95.4		%	2540G	07/09/10	1
Lead	42.	0.26	mg/kg	6010B	08/09/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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The reported analytical results relate only to the sample submitted
Reported: 08/09/10 14:08 Printed: 08/09/10 14:08

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Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

August 09,2010

ESC Sample # : L472549-03

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B4 0-3FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:03

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	94.2		%	2540G	07/09/10	1
Lead	9.5	0.26	mg/kg	6010B	08/09/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
This report shall not be reproduced, except in full, without the written approval from ESC.
The reported analytical results relate only to the sample submitted
Reported: 08/09/10 14:08 Printed: 08/09/10 14:08

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

John Brimeyer
Terracon - Bettendorf
870 40th Avenue
Bettendorf, IA 52722

August 09,2010

ESC Sample # : L472549-04

Date Received : July 03, 2010
Description : Moline Auto

Site ID :

Sample ID : B4 4-8FT

Project # : 07067060

Collected By : James Baxter
Collection Date : 07/01/10 13:13

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	72.3		%	2540G	07/09/10	1
Lead	11.	0.34	mg/kg	6010B	08/09/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
This report shall not be reproduced, except in full, without the written approval from ESC.
The reported analytical results relate only to the sample submitted
Reported: 08/09/10 14:08 Printed: 08/09/10 14:08

Summary of Remarks For Samples Printed
08/09/10 at 14:08:46

TSR Signing Reports: 206
RX - Priority Rush

Sample: L472549-01 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 08/09/10 00:00 RPT Date: 08/09/10 14:08
Relogged from L467759-05
Sample: L472549-02 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 08/09/10 00:00 RPT Date: 08/09/10 14:08
Relogged from L467759-06
Sample: L472549-03 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 08/09/10 00:00 RPT Date: 08/09/10 14:08
Relogged from L467759-07
Sample: L472549-04 Account: TERRABIA Received: 07/03/10 09:00 Due Date: 08/09/10 00:00 RPT Date: 08/09/10 14:08
Relogged from L467759-08

Andy Vann

From: Alan Harvill
Sent: Thursday, August 05, 2010 4:06 PM
To: Login
Cc: Alan Harvill
Subject: L467759 TERRABIA

Please relog L467759-05 thru -08 for PBICP. Please transfer the TS result from the original L#. Please log RX due on Monday 8/9

Thanks,

Alan Harvill
Technical Service Representative
Phone: 615-773-9787
Toll Free: 1-800-767-5859 ext:9787
Email: aharvill@esclabsciences.com

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Company Name/Address:

Terracon - Bettendorf

870 40th Avenue
Bettendorf,IA 52722

Billing Information:

Accounts Payable
870 40th Avenue

Bettendorf,IA 52722

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC LAB SCIENCES
12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Report to: JHoffmeyer

Email to: JHoffmeyer@terracon.com

Project Description: Moline Bettendorf

City/Sate Collected: Moline IL

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: C706706 0

ESC Key:

Collected by: (print) Joe Beck

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%
___ Three Day.....25%

Date Results Needed:
Email? ___No ✓Yes
FAX? ___No ✓Yes

CoCode: TERRABIA (lab use only)
Template/Prelogin:
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	BTEX	PAB	VOCs	SVOCs	Lead	PAH		Remarks/Contaminant	Sample # (lab only)
B1	G	SS	0-3	07-01-10	1120	2	✓	✓						L1677759 -01	
B1	G	SS	4-8	07-01-10	1120	2	✓	✓						02	
B2	G	SS	0-3	07-01-10	1013	5			✓	✓				03	
B2	G	SS	8-12	07-01-10	1044	5			✓	✓				04	
B3	G	SS	0-3	07-01-10	1550	5			✓	✓	✓	✓		05	
B3	G	SS	4-8	07-01-10	1556	5			✓	✓	✓	✓		06	
B4	G	SS	0-3	07-01-10	1303	5			✓	✓	✓	✓		07	
B4	G	SS	4-8	07-01-10	1313	5			✓	✓	✓	✓		08	
B5	G	SS	4-8	07-01-10	1423	4			✓	✓				09	

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)	Date: 07-02-10	Time: 1800	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: / Bottles Received:	CoC Seals Intact: ___Y ___N ___NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: / Time:	pH Checked: / NCF:

Company Name/Address:

Terracon - Bettendorf

870 40th Avenue
Bettendorf,IA 52722

Billing Information:

Accounts Payable
870 40th Avenue

Bettendorf,IA 52722

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC
L-A-B S-C-I-E-N-C-E-S
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Report to: John Brinkmeyer

Email to: jf brinkmeyer@terracon

Project Description: Molina Auto

City/State Collected: Molina, IL

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: 07Ua7060

ESC Key:

Collected by: (print) James Baxter

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ (Y)

Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%
Three Day.....25%

Date Results Needed:
Email? __No__Yes
FAX? __No__Yes

CoCode TERRABIA (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs	SVOCs	Metals	PCB	Vol			Remarks/Contaminant	Sample # (lab only)
B6	G	SS	4-8	07-01-10	1506	4	✓	✓						L467759-10	
~~Duplicate~~	~~G~~	~~SS~~		~~07-01-10~~	~~1120~~	~~6~~			~~✓~~	~~✓~~				~~JFB~~	
Duplicate	G	SS	4-8	07-01-10	1506	4	✓	✓						11	
MS/MSD B5	G	SS	4-8	07-01-10	1423	4	✓	✓						-09	
GW-1		GW		07-01-10	1145	2			✓	✓				12	
GW-2		GW		07-01-10	1035	3	✓	✓						13	
GW-3		GW		07-01-10	1605	4	✓	✓			✓			14	
GW-4		GW		07-01-10	1333	4	✓	✓			✓			15	
GW-5		GW		07-01-10	1440	3	✓	✓						16	

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐	Condition: (lab use only)
	07-02-10	1800			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: / Bottles Received:	CoC Seals Intact ___ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: / Time:	pH Checked: / NCF:

Company Name/Address:
Terracon - Bettendorf

870 40th Avenue
Bettendorf,IA 52722

Billing Information:
Accounts Payable
870 40th Avenue
Bettendorf,IA 52722

Report to: John Brimeyer
Email to: jf brimeya @ terracon

Project Description: Moline Auto
City/State Collected: Moline IL

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: 07067066
ESC Key:

Collected by: (print) [illegible]
Site/Facility ID#:
P.O.#:

Collected by (signature): [illegible]
Immediately Packed on Ice N ___ Y

Rush? (Lab MUST Be Notified)
___ Same Day..... 200%
___ Next Day..... 100%
___ Two Day..... 50%
___ Three Day..... 25%

Date Results Needed:
Email? ___No ___Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC LAB SCIENCES
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

CoCode TERRABIA (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Bottles	VOCs	[illegible]	PCB	[illegible]			Remarks/Contaminant	Sample # (lab only)
GW-6		GW		07-01-10	1521	3	✓	✓						L467759-17	
Duplicate		GW		07-01-10	1145	2			✓	✓				18	
Blank		GW		07-01-10	1145	2			✓	✓				19	
GW-1 MS/MSD		GW		07-01-10	1145	2			✓	~~✓~~ JF3				-12	
Duplicate		GW		07-01-10	1445	1	✓							20	
Blank		GW		07-01-10	1345	4	✓	✓			✓			21	
Duplicate		GW		07-01-10	1333	3		✓			✓			22	
GW-4 MS/MSD		GW		07-01-10	1333	3		✓			✓			23	
GW-3 MS/MSD		GW		07-01-10	1645	1	✓							24	

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ___

Remarks: insufficient volume. Analyze GW-3, do not MS/MSD. JC 7/7

pH ___ Temp ___
Flow ___ Other ___

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
[illegible]	07-02-10	1800	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ ___

Temp: Bottles Received: Date: Time:

Condition: (lab use only)
CoC Seals Intact: ___Y ___N ___NA
pH Checked: NCF:

Company Name/Address:

Terracon - Bettendorf

870 40th Avenue
Bettendorf,IA 52722

Billing Information:

Accounts Payable
870 40th Avenue

Bettendorf,IA 52722

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC
L-A-B S-C-I-E-N-C-E-S
12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Report to: John Brimeyer

Email to: jfbrimeyer@terracon.com

Project Description: Moline Auto

City/Sate Collected: Moline, Il.

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: 07067060

ESC Key:

Collected by: (print) James Baxter

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ (Y)

Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%
___ Three Day.....25%

Date Results Needed:

Email? __No__Yes

FAX? __No__Yes

CoCode: TERRABIA (lab use only)

Template/Prelogin:

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	PAH	PCB	VOC	SVOC				Remarks/Contaminant	Sample # (lab only)
Duplicate ~~0-3~~	G	SS	0-3	07-01-10	1120	2	✓	✓						L467759-23	
Blank	G	SS	0-3	07-01-10	1120	2	✓	✓						24	
B-1 MS/MSD	G	SS	4-8	07-01-10	1120	2	✓	✓							
Blank	G	SS	4-8	07-01-10	1500	5			✓	✓				AV ~~25~~	

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____	Condition: (lab use only)
	07-02-10	1800			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: / Bottles Received:	CoC Seals Intact: Y N NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: / Time:	pH Checked: / NCF:

ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : L417759

Date: 07-03-10

J. Carr

Evaluated by: J. Fuller

Client: TERRABIA

Non-Conformance (check applicable items)

	Chain of Custody is missing	✓	Login Clarification Needed
	Improper container type		Improper preservation
	Chain of custody is incomplete		Container lid not intact
	Parameter(s) past holding time		Improper temperature
	Broken container(s) **see below**		Broken container: sufficient sample volume remains for analysis requested

_____ Insufficient packing material around container

_____ Insufficient packing material inside cooler

_____ Improper handling by carrier (FedEx / UPS / Courier)

_____ Sample was frozen

Comments: 1. Insufficient Sample for MS/MSD

2. Received Soils not on C.of.C :(Dup 4-8 11:20) (B5 4-8 MS/MSD 1423) (Dup 0-3) 1120) (Blank 0-3 1120) (Blank 4-8 1120) (B1 MS/MSD 4-8 1120) (B1 MS/MSD 0-3 1120) (Vials BC MS/MSD 1500) (Blank 1500)

Login Instructions:

TSR Initials: JC

Client informed by call/ email/ fax / voice mail date: 7/7/10 time: 0917

Client contact:

See Attachments

3. Did not receive (Dup @ 1120) (MS/MSD B5 4-8 @1423)

Jeff Carr

From: Brimeyer, John F. [jfbrimeyer@terracon.com]
Sent: Wednesday, July 07, 2010 9:00 AM
To: Jeff Carr
Subject: Moline Auto
Attachments: MOLINE AUTO REVISED COC.pdf

Jeff,

Here is a revised Chain-of-Custody for the Moline Auto samples. We have added:

Duplicate 0-3 @ 11:20
Blank 0-3 @ 11:20
B-1 4-8 MS/MSD @ 11:20
Blank 4-8 @15:06

Also run B5 ms/msD for VOC's and SVOC's per JB, JC 7/8/10

Do not analyze the following:

Duplicate 4-8 @ 11:2-0
Blank 4-8 @ 11:20
B-1 0-3 MS/MSD @ 11:20
B-6 MS/MSD @ 15:06

In addition, the COC has been modified to delete Duplicate @ 11:20 and to delete PCB analysis for GW-1 MS/MSD.

John F. Brimeyer
Senior Associate
Manager I Environmental Services
Terracon
870 40th Avenue I Bettendorf, Iowa 52722
P [563] 355 0702 I F [563] 355 4789 I M [563] 210 6348
jfbrimeyer@terracon.com I terracon.com

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Company Name/Address:

Terracon - Bettendorf

870 40th Avenue
Bettendorf.IA 52722

Billing Information:

Accounts Payable
870 40th Avenue

Bettendorf,IA 52722

Report to: John Brimeyer

Email to: jfbrimeyer@terracon.com

Project Description: Moline Auto

City/Sate Collected: Moline IL

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: 07067060

ESC Key:

Collected by: (print) [illegible]

Site/Facility ID#:

P.O.#:

Collected by (signature): [illegible]

Immediately Packed on Ice N ___ Y (Y circled)

Rush? (Lab MUST Be Notified)
___ Same Day. 200%
___ Next Day. 100%
___ Two Day. 50%
___ Three Day. 25%

Date Results Needed:
Email? __No__Yes (Yes circled)
FAX? __No__Yes (Yes circled)

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC LAB SCIENCES
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

CoCode **TERRABIA** (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	PAH	PCB	VOCs Soil Brass/Metals	SVOCs	Lead	pH			Remarks/Contaminant	Sample # (lab only)
B1	G	SS	0-3	07-01-10	1120	2	✓	✓								
B1	G	SS	4-8	07-01-10	1120	2	✓	✓								
B2	G	SS	0-3	07-01-10	1013	~~5~~ 4			✓	✓						
B2	G	SS	8-12	07-01-10	1044	~~5~~ 4			✓	✓						
B3	G	SS	0-3	07-01-10	1550	5			✓	✓	✓	✓				
B3	G	SS	4-8	07-01-10	1556	5			✓	✓	✓	✓				
B4	G	SS	0-3	07-01-10	1303	5			✓	✓	✓	✓				
B4	G	SS	4-8	07-01-10	1313	5			✓	✓	✓	✓				
B5	G	SS	4-8	07-01-10	1423	4			✓	✓						

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks: 8728 7063 4828 8719 6022 7614 8719 6022 7636
8719 6022 7577 8719 6022 7595

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____	Condition: (lab use only)
[illegible]	07-02-10	1800			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.7°C / Bottles Received: 94+5TB	CoC Seals Intact ___ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: 07-02-10 / Time: 0900	pH Checked: <2 / NCF:

Company Name/Address:

Terracon - Bettendorf

870 40th Avenue
Bettendorf.IA 52722

Billing Information:

Accounts Payable
870 40th Avenue

Bettendorf,IA 52722

Report to: John Brimeyer

Email to: jf brimeyer@ terracon

Project Description: Moline Auto

City/Sate Collected: Moline, IL

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: 07060 7060

ESC Key:

Collected by: (print) James Baxter

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ (Y)

Rush? (Lab MUST Be Notified)
___ Same Day. 200%
___ Next Day. 100%
___ Two Day. 50%
___ Three Day. 25%

Date Results Needed:

Email? __No__(Yes)
FAX? __No__(Yes)

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC LAB SCIENCES
12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

CoCode **TERRABIA** (lab use only)

Template/Prelogin

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs	SVOCs	PAH	PCB	Lead <2				Remarks/Contaminant	Sample # (lab only)
B6	G	SS	4-8	07-01-10	1506	4	✓	✓								
Duplicate	G	SS		07-01-10	1120	6			✓	✓						
Duplicate	G	SS	4-8	07-01-10	1506	4	✓	✓								
MS/MSD B5	G	SS	4-8	07-01-10	1423	4	✓	✓								
GW-1		GW		07-01-10	1145	2			✓	✓						
GW-2		GW		07-01-10	1035	3	✓	✓								
GW-3		GW		07-01-10	1605	4	✓	✓			✓					
GW-4		GW		07-01-10	1333	4	✓	✓			✓					
GW-5		GW		07-01-10	1440	3	✓	✓								

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____	Condition: (lab use only)	
	07-02-10	1800				
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.7°C	Bottles Received: 94+5TB	CoC Seals Intact ___Y ___N ___NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 07-02-10	Time: 0900	pH Checked: <2 / NCF:

Company Name/Address:

Terracon - Bettendorf

870 40th Avenue
Bettendorf.IA 52722

Billing Information:

Accounts Payable
870 40th Avenue

Bettendorf,IA 52722

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

ESC
L·A·B S·C·I·E·N·C·E·S
12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Report to: John Brimeyer

Email to: jf brimeyer @ terracon

Project Description: Moline Auto

City/Sate Collected: Moline IL

Phone: (563) 355-0702
FAX: (563) 355-4789

Client Project #: 07067060

ESC Key:

Collected by: (print) James Barte

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ (Y)

Rush? (Lab MUST Be Notified)
___ Same Day. 200%
___ Next Day. 100%
___ Two Day. 50%
___ Three Day. 25%

Date Results Needed:

Email? __No (Yes)
FAX? __No (Yes)

CoCode **TERRABIA** (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	SVOC	VOCs	PAH	PCB	Lead				Remarks/Contaminant	Sample # (lab only)
GW-1e		GW		07-01-10	1521	3	✓	✓								
Duplicate		GW		07-01-10	1145	2			✓	✓						
Blank		GW		07-01-10	1145	2			✓	✓						
GW-1 MS/MSD		GW		07-01-10	1145	2			✓	✓						
Duplicate		GW		07-01-10	1445	1	✓									
Blank		GW		07-01-10	1345	4	✓	✓			✓					
Duplicate		GW		07-01-10	1333	3		✓			✓					
GW-4 MS/MSD		GW		07-01-10	1333	3		✓			✓					
GW-3 MS/MSD		GW		07-01-10	1645	1	✓									

*Matrix: **SS** - Soil/Solid **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)	Date: 07-02-10	Time: 1800	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.7°C / Bottles Received: 947578	CoC Seals Intact ___ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) J. Zell	Date: 07-03-10 / Time: 0900	pH Checked: <2 / NCF: