

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

**HAMILTON TOWING FACILITY
901-917 South Lafayette Boulevard
South Bend, Indiana**

Project No. 2013-5009

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Prepared For:

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1.0 SUMMARY

Jones Petrie Rafinski (formerly known as Wightman Petrie) has completed a Phase I Environmental Site Assessment in conformance within the scope and limitations of ASTM Practice E 1527-05, for the Hamilton Body Shop located at 901-917 S. Lafayette Boulevard in South Bend, Indiana. The site consists of five adjoining land parcels that have historically been used by Hamilton Body Shop and Towing Service for fleet and maintenance operations, as well as storage of automobiles, trailers and machinery. According to records available from the St. Joseph County Tax Assessor, each of the five parcels that constitute the subject site is owned by Richard C. Hamilton. The City of South Bend, Department of Community Investment is in the process of acquiring the property for redevelopment purposes. However, based upon discussions with Mr. David Relos of the City of South Bend, terms of the sale will allow for Mr. Hamilton to remain on the facility through June 2014, for the purpose of fulfilling his towing contracts. Jones Petrie Rafinski understands that such purchase by the City of South Bend is also based upon prior environmental due diligence, that included a November 2008 Phase I Environmental Site Assessment (performed by Wightman Environmental, Inc.) and a May 2012 Phase II Environmental Site Assessment (performed by Wightman Petrie), for which no significant environmental contamination outside of the building footprint was identified. We understand that the City of South Bend, intends to demolish the existing structure to allow for future redevelopment consistent with the City of South Bend's Master Plan for the area. Jones Petrie Rafinski was retained by the City of South Bend to perform Phase I Environmental Site Assessment for the subject site prior to the City of South Bend taking possession of the property.

The subject site consists of five (5) adjoining land parcels totaling approximately 0.93-acres of land. The southern three parcels have been developed with the 1960s construction of a single-story, concrete block building, with metal frame joists supporting a flat roof (approximately 7,420 sq. ft.). The floor of the structure has different elevations that support the presence of an oil change pit. North of the main structure is an approximate 1,312 sq. ft. paint shop, constructed of concrete block and metal frame that is primarily used for personal vehicles. To the north of the paint shop is an additional building (approximately 480 sq. ft.) used for storage and as a boiler room, constructed of concrete block and wood frame. The main structure is in fair condition; however, the paint shop and storage structures are in extremely poor condition, with significant roof leakages.

The 2008 Phase I Environmental Site Assessment identified the following Recognized Environmental Conditions:

- 1) The subject property has historically contained an automobile filling/service station and automobile junk yard. Various hazardous substances are associated with the prior and current Industrial/Commercial uses of the property;
- 2) Two large floor drains were observed in the maintenance building of the property. The current owner was unaware of the floor drains' point of discharge. Floor drains can act as direct pathways for contaminants to enter the soil and/or groundwater;
- 3) Four to five underground storage tank (UST) systems were formerly located on the property. It was unknown if the UST systems impacted the soil and/or groundwater at the site;
- 4) A vent pipe was identified exiting the ground in the northern portion of the property. A vent pipe indicates the possible presence of a UST or UST components in the subsurface;

- 5) Bulk storage of petroleum products were identified in the northern portion of the site. Three aboveground storage tank (AST) systems were in service;
- 6) Numerous junk cars are located within a fenced lot. The owner indicated that the junk cars were not drained of all their fluids prior to storage. The cars, as well as some drums and miscellaneous debris are located on a gravel/grass surface; and
- 7) The subject property is identified on the Resource Conservation and Recovery Act (RCRA) and Facility Index System (FINDS) list, as well as the Indiana Manifests List.

Based on the aforementioned, Wightman Environmental, Inc. recommended a Phase II Environmental Site Assessment inclusive of the sampling of soils and groundwater for the potential presence of contaminants of concern that included Volatile Organic Compounds (VOCs) and Polynuclear Aromatic Hydrocarbons (PAHs).

Accordingly, Wightman Petrie was retained by the City of South Bend to conduct such Environmental Assessment activity, the results of which were presented in their Phase II Environmental Site Assessment Report, dated May 4, 2012. For the subject site (901-917 S. Lafayette), a total of nine soil borings were installed using Geoprobe Technologies. Shallow soil samples were collected from four of the soil boring locations, none of which were reported as having VOCs or carcinogenic PAHs above laboratory detection limits. Similarly, three of four subsurface soil samples were reported at levels below laboratory detection limits for VOCs and cPAHs. However, for the lone soil boring for which cPAHs were reported (VOCs reported below laboratory detection limits), concentrations of cPAHs were well below RISC Residential Criteria. Groundwater samples were collected from three temporary Geoprobe wells were also reported with concentrations of VOCs and cPAHs below Risk Integrated System of Closure (RISC) Residential Criteria.

Please note that there were additional soil and groundwater samples collected from adjacent (down gradient) location across Lafayette Blvd. (second Hamilton facility at 910-912 S. Lafayette) also indicated VOCs and cPAHs to either be non-detect or below RISC Residential Criteria for surface and subsurface soils, as well as non-detect for three additional temporary Geoprobe groundwater samples. A ground penetrating radar survey did not identify the presence of any anomalies that would be constituent with the presence of any UST systems. Wightman Petrie noted that the owner had previously indicated the removal of all USTS from the site. Based upon the aforementioned findings, a recommendation for No Further Assessment was made, with the understanding that demolition of existing structures could result in the identification of "hot spots", which without demolition, would not have been readily noted due to the presence of existing poured concrete slabs, or other historical construction activity.

With respect to the current Phase I Environmental Site Assessment, no additional Recognized Environmental Conditions (RECs) were identified from those previously noted in the 2008 Phase I ESA effort. Indeed, there have been no substantial changes in operation from those previously documented. Jones Petrie Rafinski noted that at the time of the current site visit there was only one AST continuing to be used at the facility, and painting as a part of Body Shop services had been essentially eliminated personal vehicles only with the knowledge of impending closure. No additional recommendations for conducting a Phase II Environmental Site Assessment are warranted at this time.

Adjacent Historical Property Use: The area of the subject site has historically been used for heavy industrial manufacturing purposes. Although many of these facilities have since been demolished, environmental investigations have identified contamination as being present in both soils and groundwater. Jones Petrie Rafinski notes that the City of South Bend has worked effectively with the Indiana Brownfields Program to address any immediate risks to public health. There is documentation that confirms the presence of a contaminant plume (chlorinated solvents) migrating through the industrialized area. While groundwater sampling as a part of the Phase II Site Assessment of the subject site did not indicate the presence of groundwater impacts, there is a potential for future impact as a direct result of the continued migration of contaminants from these historically industrialized areas.

2.0 INTRODUCTION

2.1 Purpose

Jones Petrie Rafinski understands that the subject site, identified as the Hamilton Body Shop and Towing Service Lot located at 901-917 S. Lafayette Boulevard in South Bend, Indiana, consists of five (5) adjoining land parcels that have historically been used by Hamilton Towing Service for fleet and general storage, as well as the storage of automobiles, trailers and machinery. The property contains a one-story, concrete block with metal roofing joist structure that was originally used as an auto repair shop. The main structure is in fair condition; however, secondary structures that include a paint shop and storage building are in poor condition, with significant roof leakage.

According to records available from the St. Joseph County Tax Assessor, each of the five (5) parcels that constitute the subject site, are owned by Mr. Richard Hamilton. Based on discussions with Mr. David Relos of the City of South Bend, Department of Community Investment, it is Jones Petrie Rafinski's understanding that the City of South Bend is currently in the process of purchasing said parcels with the terms of sale allowing Mr. Hamilton to remain in the facility through June 2014, for the purpose of fulfilling their towing service contract. We understand that such purchase (in principal) was primarily based upon completion of the previous Phase I Environmental Site Assessment (November 2008) and Phase II Environmental Site Assessment (May 2012), for which no significant environmental contamination outside of the building footprint was identified.

Jones Petrie Rafinski has since been retained to perform a Phase I Environmental Site Assessment for the subject site prior completion of the City of South Bend purchasing the property. We also understand that the City of South Bend intends to initiate demolition of the existing structure, for potential development opportunities.

The following Report presents the information obtained during the investigation and provides findings, opinions, and conclusions based upon the information.

2.2 Detailed Scope-Of-Services

This Phase I Environmental Site Assessment was performed using the American Society for Testing and Materials (ASTM) document ASTM E 1527-05 and the All Appropriate Inquiry (AAI) standard codified at 40 CFR 312.

The following services were provided for the Assessment:

- A review of published topographic and geologic maps, soils and hydrologic reports, and observations to characterize area drainage;
- A review of available documents, historical Sanborn Fire Insurance Maps, historical aerial photography, city directory listings, municipal records, maps, aerial photographs for the subject site and surrounding properties; and interviews with knowledgeable persons regarding current and historical uses of the subject site and adjacent properties;

- A review of environmental databases for sites that fall within the search radii that are published in the Standard. Such databases are periodically published by local, state and federal agencies, and have been summarized by Environmental Data Resources, Inc. (EDR), included as Appendix C. For sites identified by the databases as having the likelihood for environmental impact to the subject site, additional information may have been obtained from a review of site-specific files maintained by IDEM and made available through their Virtual File Cabinet;
- A site and adjacent property reconnaissance for obvious indications of present or past activities that have or could have contaminated the subject property. Photographs of pertinent observations were obtained and have been presented in Appendix B; and
- Preparation of this Report presenting our findings and conclusions.

2.3 Significant Assumptions

In the completion of this Phase I Environmental Site Assessment, Jones Petrie Rafinski has assumed the following: (1) the databases provided for review are accurate and considered current; (2) there are no undetected or unreported environmental incidents at the subject site or immediately adjacent facilities; (3) observations and conclusions with respect to an assumed groundwater flow direction and surface drainage are consistent with observations regarding local topographic elevations; (4) persons interviewed as to the historical activities and waste management practices of the subject site have been truthful in their accounts; and (5) there has been no deliberate concealment of documents or facts to Jones Petrie Rafinski by cited sources.

2.4 Limitations and Exceptions

The observations/findings presented as part of this Assessment are relative to the date(s) of our site work. Jones Petrie Rafinski makes no representation or warranty that past or current operations at the site are, or have been, conducted in accordance with applicable regulations and/or code. The opinions included herein, are based upon information obtained during our assessment of the property and our experience, and should not be relied on to represent conditions at substantially later dates. If this Assessment included a review of documents prepared by others, it must be recognized that Jones Petrie Rafinski has no responsibility for the accuracy of information contained therein.

The client acknowledges that this Report is not a comprehensive site characterization and should not be construed as such. The findings and conclusions, as presented, are predicated on the results of a site reconnaissance, review of specified regulatory records, review of the historical property uses, and conversations with knowledgeable persons, as noted. The absence of significant indicators suggesting that hazardous materials and/or wastes have impacted the subject property does not preclude the presence of such materials/wastes at the subject property.

The client should recognize that the services performed were conducted in general accordance with ASTM Standard E 1527-05 and local standards of care in the geographic region at the time the services were rendered. Per ASTM E 1527-05, the user of this Assessment has specific obligations for performing certain tasks during this Assessment that

will help in the identification of possible Recognized Environmental Conditions in connection with the property. Failure by the user to perform such tasks may impact their ability to use this Report as a qualification under the Landowner Liability Protections under CERCLA. Jones Petrie Rafinski can make no representations or warranties regarding a user's qualification for protection under existing laws or regulations. Therefore, the Report should only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of this assessment is expressed or implied within the content of this Report.

2.5 Special Terms and Conditions

No Special Terms or Conditions apply to this Phase I Environmental Site Assessment.

2.6 User Reliance

This Report is intended for use exclusively by the City of South Bend, Department of Community Investment, as it relates to the acquisition and subsequent redevelopment of the property identified as 901-917 S. Lafayette Blvd., subject to the qualifications and certifications herein. Use of this Report for purposes beyond those reasonably intended by the City of South Bend, Department of Community Investment and Jones Petrie Rafinski, is at the sole risk of the user. Should third parties wish to rely on this Report, please have them contact Jones Petrie Rafinski so that a mutual understanding to the terms and conditions for our services can be established prior to their reliance.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The subject site consists of five (5) land parcels totaling approximately 0.93-acres. Parcels 71-08-13-101-001.000-026 through 71-08-13-101-005.000-026, identified as 901-917 S. Lafayette Blvd., in South Bend, St. Joseph County, Indiana. All of the lots are located south of the intersection of South Lafayette Boulevard and West Sample Street.

Parcel #71-08-13-101-001.000-026 – (S. Lafayette Blvd.)

Legal Description – Lots Numbered Fifty-three (53) and Fifty-four (54) as shown on the recorded Plat of South Bend City, as platted by Samuel Morrison, now a part of the City of south Bend, in St. Joseph County, Indiana.

Parcel #71-08-13-101-002.000-026 – (915 S. Lafayette Blvd.)

Legal Description – N 1/2 Lot 55 in the City of South Bend

Parcel #71-08-13-101-003.000-026 – (808 S. Lafayette)

Legal Description – N 1/2 Lot 55 South Bend City, plus S 1/2 Lot 55 South Bend City, plus 33' N side Lot 56 South Bend City, plus S 1/2 Lt 56 South Bend City.

Parcel #71-08-13-101-004.000-026 (Lafayette Blvd.)

Legal Description – 33' N side of Lot 56 in the City of South Bend, Indiana

Parcel #71-08-13-101-005.000-026 (Lafayette Blvd.)

Legal Description – S corner of Lot 56 in the City of South Bend, Indiana

3.2 Site and Vicinity General Characteristics

The subject site is located along the west side of Lafayette Boulevard, south of the intersection of West Sample Street and South Lafayette Boulevard, in the industrialized area that historically served as the Studebaker Motor assembly complex. The former Studebaker Assembly buildings have been demolished for redevelopment that includes the South Bend Public Works Street Department garage, the St. Joseph County Jail, and the Ignition Park High Technology Industrial Park. Other retail and light manufacturing/warehousing operations are present within the general area.

Electrical services for the area are present as aboveground transmission lines along the major roadways, with natural gas transmission lines being underground, within easements along the roadways. The entire area is supported by City of South Bend municipal utilities (water supply, sanitary sewer, storm sewer), with street maintenance also provided by the City of South Bend.

3.3 Current Uses of the Property

Mr. Richard Hamilton, owner subject site, currently uses the Hamilton Body Shop for his towing fleet, storage of towed automobiles, and equipment storage. The junkyard/towing lot contains significant debris, including but not limited to, piles of scrub vegetation, piles of used tires, and several truck caps.

3.4 Descriptions of Structures, Roads, Other Improvements

The subject site consists of five (5) adjoining land parcels totaling approximately 0.93-acres of land. The southern three parcels have been developed with the 1960s construction of a single-story, concrete block building, with metal frame joists supporting a flat roof (approximately 7,420 sq. ft.). The floor of the structure has different elevations that support the presence of an oil change pit. North of the main structure is an approximate 1,312 sq. ft. paint shop, constructed of concrete block and metal frame that is primarily used for personal vehicles. To the north of the paint shop is an additional building used for storage and as a boiler room (approximately 480 sq. ft.), constructed of concrete block and wood frame.

The main structure appeared to be in fair condition; however, the paint shop and storage structures were in extremely poor condition, with numerous roof leaks. The northern most lot is an enclosed, steel-panel fence, which was mounted to a wooden frame structure and used as a junkyard/towing lot.

Of the five lots that constitute the subject site, existing structure front South Lafayette Boulevard to the east, with the western portions of each lot (i.e. behind existing structures) being fenced for the storage of towed/wrecked vehicles, parts, tires, and other miscellaneous debris. The existing fencing had two swing gate access points, one off of a paved drive

leading to South Lafayette Boulevard (adjacent to storage/boiler building), and the second being along the adjacent (south) east/west alleyway. At the time of the site inspection, portions of the metal panel and wooden support structure of the fencing had been removed or fallen, leaving only the basic chain link fencing.

Two entry points to the subject site exist both of which are curb cuts off of the adjacent (east) South Lafayette Boulevard. Area roadways/streets in the area of the subject site are maintained by the City of South Bend Street Department, and are crowned to facilitate stormwater runoff to concrete curbing, which is used to direct flow to a series of municipal storm sewers. The storm sewers are part of the combined sewer system that discharges during normal flow conditions to the municipal wastewater treatment plant.

3.5 Current Uses of the Surrounding Properties

Current uses of surrounding properties are presented below. Please refer to Appendix A, Figure 2- Area Property Use for any additional clarification.

To the northeast of the subject site is a gravel and partial concrete parking lot associated with the adjacent Dew Drop Inn restaurant and bar, located at 818 S. Lafayette Blvd. Further to the northeast are the Arby's Restaurant and One Stop #79 gasoline service station. Directly to the east, across South Lafayette Boulevard are the operations of Hamilton Towing Company (912 S. Lafayette Blvd.). To the northwest is the Michiana Moving and Storage facility, located at 901 S. Main Street. To the north, is the paved parking lot associated with the St. Joseph County Jail.

To the east and northeast of the subject site is a combined Arby's Roast Beef Restaurant and Drive-Thru, as well as a Phillips 66 gasoline service station and convenience store (209 W. Sample Street/815 S. Main Street). Jones Petrie Rafinski notes the gasoline service station operation is conducted as a One Stop #79. Visually, the UST systems for the storage of gasoline are located at the extreme southeast corner of the gas station property. Further to the east, across South Main Street, is Rink Riverside Printing, Inc. (814 S. Main Street).

To the west, northwest, south, and southwest of the subject site are vacant lots that have recently been acquired by the City of South Bend for the purpose of redevelopment.

To the north and northwest of the subject site, across Lafayette Boulevard, is the approximate 10.5-acre complex that serves at the St. Joseph County Jail, located at 401 W. Sample Street.

4.0 USER PROVIDED INFORMATION

4.1 Chain of Ownership

User provided no Title records for review in the compilation of this Phase I Environmental Site Assessment. Documents obtained through the St. Joseph County Tax Assessors Office indicate that Richard Hamilton acquired the subject site on January 5, 2000. Jones Petrie Rafinski was able to obtain a copy of the most recent legal documents involving sale and/or transfer of assets identified as the subject site (four parcels), as follows:

Parcel #71-08-13-101-001.000-026 Corporate Warranty Deed, dated December 5, 1989, conveying property identified as 802 S. Lafayette (Key No. 18-8002-0094) from Gafill Projects, Inc. to Hamilton Body Shop, Inc., as recorded by the Recorder of St. Joseph County on December 11, 1989 (Document # 8933044);

Parcel #71-08-13-101-002.000-026 - Co-Personal Representative's Deed, dated January 5, 2000, conveying property identified as the vacant lot south of 915 S. Lafayette (Key No. 18-8002-0096) from Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, to Richard C. Hamilton, as recorded by the Recorder of St. Joseph County on January 5, 2000 (Document # 0000826);

Parcel #71-08-13-101-003.000-026 - Co-Personal Representative's Deed, dated August 27, 1998, conveying property identified as 915-917 S. Lafayette (Key No. 18-8002-0097) from Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, to Richard C. Hamilton, as recorded by the Recorder of St. Joseph County on August 27, 1998 (Document # 9844959);

Parcel #71-08-13-101-004.000-026 – Co-Personal Representative's Deed, dated January 5, 2000, conveying property identified as the Lafayette Blvd. (Key No. 18-8002-0098) from Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, to Richard C. Hamilton, as recorded by the Recorder of St. Joseph County on January 5, 2000 (Document # 0000822); and

Parcel #71-08-13-101-005.000-026 – Co-Personal Representative's Deed, dated January 5, 2000, conveying property identified as Vacant Lafayette Blvd. (Key No. 18-8002-0099) from Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, to Richard C. Hamilton, as recorded by the Recorder of St. Joseph County on January 5, 2000 (Document # 0000823).

4.2 Environmental Liens

Mr. Richard Hamilton, owner of the subject site as well as Mr. David Relos, representative of Community Investment for the City of South Bend, were not aware of any Environmental Liens connected with the subject site. Jones Petrie Rafinski did not identify any Environmental Liens associated with the subject site during our review of public records.

4.3 Specialized Knowledge

Jones Petrie Rafinski notes that the City of South Bend, Community Investment is acquiring the property for the purpose of redevelopment. Such acquisition is consistent with other redevelopment activities in support of the Ignition Park, High-Technology Park being constructed on the former Studebaker Motor manufacturing grounds to the west and southwest of the subject site. Given the intent of the City of South Bend to demolish the existing structures, the provisions for Specialized Knowledge are not really applicable to the completion of this Phase I Environmental Site Assessment.

4.4 Commonly Known or Reasonably Ascertainable Information

Only commonly known or reasonably ascertainable information was used in preparation of this Report. Such information included publicly available information contained within the regulatory files (federal and state) that have been summarized and presented as part of the regulatory database, as well as additional information available through a review of State environmental files on the Virtual File Cabinet, and local files available from the City of South Bend, Department of Community Investment. Other observations are the direct result of interviews with the parties involved with the transaction and/or observed as part of a site and area reconnaissance effort. Jones Petrie Rafinski also noted the prior completion of a November 2008 Phase I Environmental Site Assessment (Wightman Environmental, Inc.) and May 2012 Phase II Environmental Site Assessment (Wightman Petrie), both of which were performed for the City of South Bend.

4.5 Valuation Reduction for Environmental Issues

Jones Petrie Rafinski is not aware of the appraised value of the subject site. However, there was no significant environmental contamination identified in light of the results of the Phase II Environmental Site Assessment that would result in a reduction in the valuation of the property. As such, the property should be considered appropriate for "fair market value".

4.6 Owner, Property Manager, and Occupant Information

According to records available from the St. Joseph County Tax Assessor, each of the five parcels that constitute the subject site is owned by the Richard C. Hamilton. Mr. Richard Hamilton, property manager, is responsible for the day-to-day care of the property. It is the understanding of Jones Petrie Rafinski that terms of the sale allow for Mr. Hamilton to remain in the facility following the transaction through June 2014 to fulfill his towing contracts.

4.7 Reason for Performing Phase I

Jones Petrie Rafinski understands that the subject site is being acquired in support of area redevelopment by the City of South Bend, Department of Community and Community Investment. Jones Petrie Rafinski was retained to assess the subject site relative to the identification of Recognized Environmental Conditions, noting that prior Phase I (2008) and Phase II (2012) Site Assessments had been completed for the subject site.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

Public records of the Indiana Department of Environmental Management (IDEM) and those of the U.S. Environmental Protection Agency (EPA) made available as part of the public record were searched by Environmental Data Resources (EDR) to determine the regulatory status for facilities identified as being located within predetermined distances, as specified by the ASTM Standard (Appendix C). The following represents the findings of the database search for the subject site:

EPA NATIONAL PRIORITIES LIST (NPL)

The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) established the National Priorities List (NPL) of federal "Superfund" sites. NPL sites are targeted for long-term remedial action in accordance with the provisions established by CERCLA. Nationally, over 1,200 hazardous waste sites that require some level of remedial action are listed on the NPL. A review of the EPA National Priority List, dated October 2012, indicated the following:

- The subject property does not appear on the NPL.
- There were no NPL sites identified within a one mile radius of the subject property.

PROPOSED NATIONAL PRIORITY LIST SITES

As the EPA investigates various hazardous waste sites, a prioritization assessment, commonly referred to as the "hazard ranking" for a specific site, establishes eligibility for inclusion on the National Priority List. If determined eligible for inclusion, the site may be formally proposed to the NPL. A review of the Proposed NPL Sites List, dated October 2012, indicated the following:

- The subject property does not appear on the Proposed NPL Sites List.
- There were no Proposed NPL sites identified within a one mile radius of the subject property.

DELISTED NPL SITES LIST

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA utilizes to delist sites where it is determined that no further remedial action is deemed appropriate (i.e., remedial actions completed) from the NPL. A review of the Delisted NPL Sites List, dated October 2012, indicated the following:

- The subject property does not appear on the Delisted NPL Sites List.
- There were no Delisted NPL sites identified within a one mile radius of the subject property.

CONSENT DECREE LIST

Major legal settlements that establish responsibility and standards for cleanup at National Priority List Sites are released periodically by United States District Courts following agreement by involved parties to litigation matters. A review of the Consent Decree List, dated October 2012, indicated the following:

- The subject property does not appear on the Consent Decree List.
- There were no Consent Decree List sites identified within a one mile radius of the subject property.

RECORD OF DECISION LIST

Records of Decision (ROD) documents mandate a permanent remedy at an NPL Site with respect to current technology and long-term considerations depending on the identified route of exposure of the site. A review of the ROD List, dated February 2012, indicated the following:

- The subject property does not appear on the Record of Decision List.
- There were no Record of Decision sites within a one mile radius of the subject property.

DEPARTMENT OF DEFENSE SITES

The Department of Defense (DOD) List consists of federally owned or administered lands, under the direction of the Department of Defense, that have an area greater than or equal to 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands. A review of the DOD List, dated December 2005, indicated the following:

- The subject property does not appear on the DOD List.
- There were no DOD facilities identified within a one-mile radius of the subject property.

FORMERLY USED DEFENSE SITES

The Formerly Used Defense Sites (FUDS) List identifies properties where the United States Army Corps of Engineers is actively working or has proposed taking necessary cleanup action. A review of the FUDS List, dated December 2009, indicated the following:

- The subject property does not appear on the FUDS List.
- There were no FUDS List facilities within a one mile radius of the subject property.

INDIAN RESERVATION SITES LIST

The Indian Reservation Sites List identifies Indian administered lands of the United States that have an area greater than or equal to 640 acres. A review of the Indian Reservation Sites List, dated December 2005, indicated the following:

- The subject property does not appear on the Indian Reservation Sites List.
- There were no facilities identified on the Indian Reservation Sites List within a one mile radius of the subject property.

EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS) LIST

The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) List is a comprehensive listing of sites that have been reported to the EPA by states, municipalities, private companies, and/or private persons pursuant to Section 103 of CERCLA. Such sites are either proposed to be or are included on the National Priority List, or are in the screening or assessment phase for further consideration. On the EPA's CERCLIS List, dated November 2012, the following information was found:

- The subject property does not appear on the CERCLIS List.
- There were two CERCLIS facilities within a one-half mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Avanti Motors	765 S. Lafayette	Approx. 0.155-miles North of subject site, cross gradient to potentially down gradient	Originally operated as part of Studebaker Automotive (since demolished). Avanti Motors bought the facility in 1987 and continued automotive production. In February 1988, 245 drums were discovered. Twenty of the drums, containing paint and waste solvents, were bulging and leaking. Waste piles from metal

			processing (lead) also identified. The responsible party retained contractor for characterization and removal of the wastes (early 1989). March 1990 inspection by IDEM verified the drum removal. Latest series of groundwater sampling (1995) results indicates non-detect in three wells adjacent to former building; note that prior results had indicated VOCs present above residential but below industrial guidelines. No further action required.
South Bend Lathe	400 W. Sample	Approx. 0.068-miles West/Northwest of subject site, down gradient	Noted as requiring removal action only (no assessment); removal action based on the presence of remnant containers, USTs, transformers and asbestos associated with historical industrial manufacturing; City of South Bend acquired property for the purpose of demolition and transition as part of Ignition Park assemblage; building has in fact been demolished (2009).

EPA CERCLIS - NO FURTHER REMEDIAL ACTION PLANNED (NFRAP) LIST

NFRAP is the EPA database of former CERCLIS sites where “no further remedial action is planned” under CERCLA. NFRAP sites typically are sites where, following an initial investigation, no contamination was found, contamination was removed quickly without need for additional consideration for NPL inclusion, or the contamination was not serious enough to require additional action by the EPA. On the EPA’s CERCLIS/NFRAP List, dated November 2012 the following information was found:

- The subject property does not appear on the CERCLIS NFRAP list.
- There were two CERCLIS NFRAP facilities identified within a one-half mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Industrial Fuels & Resources	604 S. Scott Street	Approximately 0.412-miles Northwest of the subject site, down gradient	Historically utilized as bulk storage and fuels blending facility (Standard Oil); however, subsequently operated as a blending and recycling facility for hazardous and petroleum wastes. Facility was routinely inspected for RCRA compliance by the State of Indiana, and ultimately determined to be in “significant non-compliance” (total of 190 RCRA violations of record). By 2000, the RCRA Temporary Storage and Disposal Facility (TSDF) permit for the facility was revoked, and all operations terminated. The facility filed for bankruptcy, and was abandoned. All vessels (drums, tanks, etc) at the

			<p>facility have been emptied, with the contents disposed in accordance with RCRA requirements. Investigation of potential soil and groundwater contamination associated with historical activities has been completed by IDEM. According to Mr. Ken McDaniel of IDEM, both soil and groundwater showed contamination with concentrations of chlorinated solvents above the IDEM RISC Residential criteria; with groundwater contamination being in both up gradient and down gradient wells (potential contribution from off-site source). City of South Bend has undertaken demolition of the facility, with excavation of petroleum contaminated soils in the former tank farm area.</p>
South Bend Stamping	601 West Broadway Street	Approximately 0.323-miles South of subject site, up gradient	<p>Formerly part of the Studebaker Automotive complex, and continued to operate as a metal stamping operation through the 1990s (South Bend Stamping, Allied Stamping). With Allied Stamping filing for bankruptcy, the facility was subsequently abandoned. According to the regulatory database, EPA determined the facility was subject to "Removal Only" (initiated July 19, 2004) to address electrical transformers containing PCBs, abandoned drums of unidentified and potentially hazardous materials, various electrical switches containing mercury, and asbestos. The Removal Action by EPA was completed as of September 10, 2004, allowing the City of South Bend to plan and subsequently complete demolition activities as part of the former Studebaker Corridor (2007). The City of South Bend has undertaken various environmental assessments of the former Stamping Plant site, noting that results to date have not identified off-site migration of contaminants (VOCs). Area facilities are connected to municipal water and sewer services, effectively minimizing the potential for exposure to contaminants. Based upon these factors, and the fact that IDEM has established clean-up levels consistent with current RISC guidance for various exposure scenarios with respect to the recently completed demolition activities, events associated with the former South</p>

			Bend Stamping Plant CERCLIS site would not likely have resulted in environmental impacts to the subject site.
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EPA CORRECTIVE ACTION (CORRACTS) LIST

The CORRACTS List identifies facilities that have conducted, or are currently conducting, corrective action pursuant to a Corrective Action Order based upon a release of hazardous wastes into the environment from a RCRA regulated facility. The following information was identified from the CORRACTS List, dated August 2011:

- The subject property does not appear on the CORRACTS List.
- There was one facility identified on the CORRACTS List within a one mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Industrial Fuels & Resources	604 S. Scott Street	Approximately 0.412-miles Northwest of subject site, down gradient	See above

U.S. BROWNFIELDS LIST

A Brownfields Site is an industrial or commercial property that is abandoned, inactive, or underutilized, on which expansion or redevelopment is complicated due to actual or perceived environmental contamination. Funding mechanisms for assessment at U.S. Brownfields Sites is available through various grants set aside by the U.S. EPA, with administration via the Indiana Department of Environmental Management Brownfields Program. A review of the U.S. Brownfields Sites List, dated December 2012, indicated the following:

- The subject property does not appear on the U.S. Brownfields Sites List.
- There were three facilities identified on the U.S. Brownfields Sites List within a one-half mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
730-736 S. Michigan St.	730-736 S. Michigan St.	Approximately 0.280 miles Northeast of subject site, cross gradient to potentially down gradient	Additional details regarding the nature of the Indiana Brownfield activity not provided in database; based upon factors that include presumed groundwater flow direction and surface topography, Jones Petrie Rafinski would not consider the 730-736 S. Michigan Street facility as having the potential for significant environmental impact to the subject site.
Former South Bend Stamping Facility	1100 Prairie Ave.	Approximately 0.323 miles South of subject site, up gradient	Facility part of the former Studebaker complex; with recent relocation of piping sales and distribution company, facility has been demolished; environmental

			assessment identified several hot spots that were subsequently excavated for off-site disposal, remainder of site has been excavated to a minimum depth of 2-feet below ground level with clean topsoil replacement; deed restrictions in place to prevent subsurface structures as part of future development as well as prohibiting future residential and use of groundwater; currently being targeted for redevelopment as part of a larger technology park.
1100 Prairie – Former Foundry	1100 Prairie Avenue	Approx. 0.455-miles West/Southwest of subject site, cross gradient to potentially up gradient	Constructed by Studebaker Motor Corp. Studebaker ceased operations in 1964. The South Bend Redevelopment Commission acquired the property in 2009 in order to demolish the structure and consolidate the land with other former Studebaker properties. The consolidated property is approximately 87 acres in size and will be developed as Ignition Park – an Indiana certified technology park.

OPEN DUMP INVENTORY LIST

The EPA identifies “open dumps” as disposal facilities that do not comply with one or more of the Part 257 or Part 258 RCRA Subtitle D Criteria. A review of the Open Dumps Inventory (ODI) List, dated June 1985, indicated the following:

- The subject property does not appear on the ODI List.
- There were no facilities identified on the ODI List within a one-half mile radius of the subject property.

U.S. ENGINEERING CONTROL SITES

The EPA maintains a listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. A review of the U.S. Engineering Controls List, dated July 2012, indicated the following:

- The subject property does not appear on the U.S. Engineering Controls List.
- There were no U.S. Engineering Controls List facilities identified within a one-half mile radius of the subject property.

U.S. INSTITUTIONAL CONTROLS

The EPA maintains a listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. A review of the U.S. Institutional Controls List, dated July 2012, indicated the following:

- The subject property does not appear on the U.S. Institutional Controls List.

- There were no U.S. Institutional Controls List facilities identified within a one-half mile radius of the subject property.

INDIANA ENGINEERING CONTROL SITES

The Indiana Department of Environmental Management maintains a listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. A review of the U.S. Engineering Controls List, dated July 2012, indicated the following:

- The subject property does not appear on the Indiana Engineering Controls List.
- There were two Indiana Engineering Controls List facilities identified within a one-half mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Ziker Cleaners	251 E. Sample St.	Approx. 0.295-miles East of subject site, cross gradient	Environmental Restrictive Covenant applicable (recorded July 25, 2007); subsurface soils and groundwater documented as having Total Petroleum Hydrocarbon and Volatile Organic Compound impacts; restrictions on future land use include: 1) no residential use; 2) no use for agricultural or crops; and 3) no use of groundwater for any purposes.
Not Reported	730 United Drive	Approx. 0.315-miles West/Northwest of subject site, cross gradient	Environmental Restrictive Covenant applicable (recorded September 22, 2011); subsurface soils and groundwater documented as having Volatile Organic Compound and Semi-Volatile Organic Compound impacts; restrictions on future land use include: 1) no residential use; and 2) no use of groundwater for any purposes.

URANIUM MILL TAILINGS SITES (UMTRA) SITES LIST

The Department of Energy maintains listings of sites where uranium mill tailings (sand-like materials remaining after uranium had been extracted) were used as construction materials before potential health hazards of the tailings were recognized. In 1978, twenty-four inactive uranium mill-tailing sites were targeted for cleanup by the Department of Energy. A review of the UMTRA List, dated September 2010, indicated the following:

- The subject property does not appear on the UMTRA List.
- There were no facilities identified on the UMTRA List within a one-half mile radius of the subject property.

EPA RESOURCE CONSERVATION & RECOVERY INFORMATION SYSTEM (RCRIS) LIST

RCRIS is the EPA database of facilities that generate, transport, store, or dispose of hazardous wastes under the Resource Conservation and Recovery Act. The following information was identified from the various RCRIS Lists, dated September 2012:

RCRA Treatment, Storage, and Disposal (TSD) facilities for hazardous wastes are identified on the RCRIS-TSD List.

- The subject property does not appear on the RCRIS-TSD List.
- There was one TSD facility identified by the regulatory database search as being within one-half mile of the subject site, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Industrial Fuels & Resources	604 S. Scott Street	Approximately 0.412-miles Northwest of subject site, down gradient	See above

RCRA Large Quantity Generators are facilities that generate at least 1,000 kilograms/month of non-acute hazardous waste (or 1 kilogram/month of acute hazardous waste).

- The subject property does not appear on the RCRIS Large Quantity Generator List.
- There was one facility identified on the RCRIS Large Quantity Generator List within a one-quarter mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Former Studebaker Engineering	414 W. Sample St.	Approximately 0.124-miles West/Southwest of subject site, up gradient	Associated with demolition activities, received in March 2011; under the name of South Bend Redevelopment Commission/Board of Public Works; facility previously identified (dating to May 2000) as a Non-generator; historical waste streams noted as Ignitable Hazardous Wastes (D001), Spent Halogenated Solvents (F001/F002), Spent Non-Halogenated Solvents (F003.F004 and F005), as well as Universal Wastes identified as U107, U220 and U239, no Violations of Record; facility has been demolished and incorporated into the remedial actions for a larger technology park involving the removal of the upper 2-ft. of soils, with replacement of clean backfill material and environmental restrictions involving no future residential use, no use for agriculture and no use of groundwater.

Small Quantity Generators are facilities that generate less than 1,000 kilograms/month of non-acute hazardous wastes.

- The subject property was not identified by address on the RCRA Small Quantity Generator List.
- There were no facilities identified on the RCRA Small Quantity Generator List within a one-quarter mile radius of the subject property.

Conditionally Exempt Small Quantity Generators are facilities that generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous wastes monthly.

- The subject property was identified on the Conditionally Exempt Small Quantity Generator LIST. Documentation of CESQG status received as of October 1986; historical waste streams were identified as Undefined (D000), Ignitable Hazardous Wastes (D001), Spent Non-Halogenated Solvents (F003/F005). There were no Violations of Record identified.
- There were seven facilities on the Conditionally Exempt Small Quantity Generator List within a one-quarter mile radius of the subject, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Ziolkowski Construction	1005 S. Lafayette Blvd.	Approx. 0.035-miles Southeast of subject site, up gradient	Documentation as to CESQG status received as of May 2002, with prior status as a SQG dating to August 1990; numerous Violations of Record based on February 2001 Compliance Evaluation Inspection, resulting in Proposed Agreed Order and subsequent Compliance Order; compliance noted as of August 2003; specific waste streams not identified. Facility subsequently demolished by City of South Bend with no indication of the presence of contamination other than remnants.
Studebaker Area A Demolition	400 W. Sample St.	Approx. 0.068-miles West/Northwest of subject site, down gradient	Documentation dating to March 2008 under City of South Bend, associated with demolition activity of former South Bend Lathe facility, currently part of larger technology site with environmental restrictive covenant in place; South Bend Lathe previously identified as Conditionally Exempt SQG dating to April 2002, and prior to that as a SQG (dating to November 1999; historical waste streams identified as Ignitable Hazardous Wastes (D001), and Spent Non-Halogenated Solvents (F003/F005); violations identified based on March 2001 Compliance Evaluation Inspection, mainly associated with Pre-Transport labeling requirements;

			compliance noted as of June 2001, enforcement action limited to Written and Informal.
United Coatings Technologies	1011 S. Main Street	Approximately 0.112-miles East/Southeast of subject site, cross gradient	Documentation as to CESQG status received as of August 2009; historical waste streams identified as Ignitable Hazardous Wastes (D001), methyl Ethyl Ketone (D035) and Spent Non-Halogenated Solvent wastes (F003/F005), No Violations of Record.
Michiana Transmission	902 S. Michigan St.	Approx. 0.196-miles East/Northeast of subject site, cross gradient	Documentation as to CESQG status received as of April 2002; historical waste streams identified as Tetrachloroethylene D039; No Violations or Record identified.
Enyart Electric Motor Service	122 E. Sample Street	Approximately 0.219-miles East/Northeast of subject site, cross gradient	Waste Stream identified as Ignitable Hazardous Wastes and Spent Non-halogenated Solvents, No Violations of Record.
Sherwin Williams Store 1005	1220 S. Main St.	Approximately 0.242-miles South/Southeast of subject site, cross gradient to potentially up gradient	Documentation as to March 2002; historical waste streams identified as Ignitable Hazardous Wastes (D001) and Methyl Ethyl Ketone (D035); No Violations of Record.
Rink Printing	814 S. Main St.	Approx. 0.141-miles Northeast of subject site, cross gradient	Documentation as to CESQG status received as of December 2000; historical waste streams identified as Ignitable Hazardous Wastes (D001), Corrosive Hazardous Wastes (D002), Chromium (D007), Lead (D008), Benzene(D018), Methyl Ethyl Ketone (D035), Tetrachloroethylene (D039), Trichloroethylene (D040), Spent Halogenated Solvents (F001/F002), Spent Non-Halogenated Wastes (F005/F005) and Carbamic Acid, Ethyl Ester (U238); violations or record associated with June 2003 Compliance Evaluation Inspection; enforcement action limited to Written and Informal; compliance noted as of the date of Compliance Inspection.

Non-Generators are facilities that do not presently generate hazardous wastes.

- The subject property does not appear on the RCRA Non-Generator List.
- There were five facilities identified on the RCRA Non-Generator List within a one-quarter mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
South Bend Toy	404 W. Sample St.	Approximately 0.071 miles West/Northwest of subject site, down gradient	Non-generator status as of February 1995; historical waste streams limited to Ignitable Hazardous

			Wastes; no Violations of Record.
ABN Motor Corp	765 S. Lafayette Blvd.	Approximately 0.155 miles North of subject site, down gradient	Non-generator status as of April 1984, historical waste streams identified as Not Defined (D000) and Mercury (D009); no Violations of Record.
ABN Motor Corp	765 S. Lafayette Blvd.	Approximately 0.155 miles North of subject site, down gradient	Non-generator status as of October 1983, historical waste streams identified as Spent Halogenated Solvents (F001) and Spent Non-Halogenated Solvents (F003), as well as Dichloromethane (U080); no Violations of Record.
NAB Building Co.	765 S. Lafayette Blvd.	Approximately 0.154 miles North of subject site, down gradient	Non-generator status as of August 1988; historical waste streams identified as Ignitable Hazardous Wastes (D001); no Violations of Record.
INDOT	US 31 Bypass 110 MI N S	Approximately 0.136-miles East of subject site, cross gradient to potentially up gradient	Non-generator status as of December 1991; historical waste streams identified as Lead (D008); No Violations of Record.

EPA EMERGENCY RESPONSE NOTIFICATION (ERNS) SYSTEM LIST

The ERNS list is a list of hazardous material spills reported to various State agencies. On the ERNS List, dated April 2012, the following information was found:

- The subject property does not appear on the ERNS List.

INDIANA HAZARDOUS WASTE RESPONSE SITES LIST

Lists of hazardous waste sites assigned a high priority by the Indiana Department of Environmental Management are identified on the Hazardous Waste Response Sites List. A review of the Hazardous Waste Response List, dated March 2007, indicated the following:

- The subject property does not appear on the Hazardous Waste Response Sites List.
- There was one facility identified on the Hazardous Waste Response Sites List within a one mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Avanti Motors	765 S. Lafayette	Approx. 0.154-miles North of subject site, down gradient	See Prior Discussion

INDIANA VOLUNTARY REMEDIATION PROGRAM LIST

The Indiana Department of Environmental Management Voluntary Remediation Program (VRP) was established in 1993 for site owners, operators, or potential purchasers to voluntarily enter into agreement to clean up contaminated property. When the cleanup is complete, IDEM issues a Certificate of Completion and the Governor's Office may issue a Covenant Not to Sue. A review of the IDEM VRP List, dated January 2012, indicated the following:

- The subject property does not appear on the Voluntary Remediation Program List.

- There were two facilities identified on the Voluntary Remediation Program List within one-half mile of the subject site, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
St. Joseph County Household Hazardous Waste	701 W. Sample Street	Approximately 0.296-miles West of subject site, cross gradient to potentially down gradient	Applied to VRP in September 2003, Voluntary Remediation Agreement signed in March 2005, subsequently withdrawn in May 2010; RCRA Non-Generator as of September 2000; previously identified as CESQG dating to February 1990; waste streams identified as Not Defined(D000), Ignitable Hazardous Wastes (D001), Corrosive Hazardous wastes (D002) and Reactive Hazardous wastes (D003), No Violations of Record.
Mechanic's Laundry	835 Prairie Ave.	Approximately 0.345-miles West/Northwest of subject site, down gradient	Applied to VRP in July 1998, Voluntary Remediation Agreement signed in February 1999, Remediation Work Plan received September 2006; soils contaminated with chlorinated hydrocarbons addressed through removal; groundwater contamination also noted and continues to be monitored under the VRP program (active).

INDIANA LANDFILL LISTS

The Indiana Department of Environmental Management maintains lists of special waste disposal sites and inactive or permitted solid waste landfills. A review of the various IDEM lists regarding landfill sites, dated November 2012, indicated the following:

- The subject property does not appear on the Indiana Landfill lists.
- There was one facility identified on the Indiana Landfill lists within a one-half mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
South Bend Waste Paper	1519 Franklin St.	Approx. 0.413-miles South of subject site, up gradient	Solid Waste Disposal Site that accepts newspaper, cardboard, magazines, and mixed residential waste; No Violation of Record.

INDIANA BROWNFIELDS DATABASE

The Indiana Department of Environmental Management maintains a list of industrial or commercial property that is abandoned, inactive, or underutilized, on which expansion or redevelopment is complicated due to actual or perceived environmental contamination. A review of the Indiana Brownfields Database, dated December 2012, indicated the following:

- The subject property does not appear on the Indiana Brownfields list.

- There were five Indiana Brownfield sites identified within a one-half mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Millennium Environmental	604 S. Scott St.	Approximately 0.412-miles Northwest of subject site, down gradient	Additional details regarding the nature of the Indiana Brownfield activity not provided in database; Brownfields assessment indicates that groundwater contamination exists, although off-site sources are contributory; all structures demolished and contaminated soils excavated, with off-site disposal,
Design Packaging, LLC/Transwestern	700 S. Lafayette Blvd.	Approximately 0.250-miles North of subject site, down gradient	Additional details regarding the nature of the Indiana Brownfield activity not provided in database; contaminated backfill brought to site requiring excavation. Also noted was the presence of chlorinated solvents (low levels) as part of a larger regional groundwater plume moving through the greater industrialized area, toward the St. Joseph River.
Studebaker Building #69	730 United Drive	Approximately 0.311 miles Northwest of subject site, down gradient	Facility identified as location for historical heating oil UST release, with impacts to groundwater; 2011 sampling of down gradient water wells indicates significantly lower concentrations of contaminants; review of data by IDEM resulted in determination of that environmental restrictive covenant was appropriate with notation of no residential use of property, and no use of groundwater.
D & L Industrial Finishes	730-736 S. Michigan St.	Approximately 0.280 miles Northeast of subject site, cross gradient to potentially down gradient	Additional details regarding the nature of the Indiana Brownfield activity not provided in database; based upon factors that include presumed groundwater flow direction and surface topography, Jones Petrie Rafinski would not consider the 730-736 S. Michigan Street facility as having the potential for significant environmental impact to the subject site.
American Medical Oxygen Sales	228 W. Broadway	Approximately 0.326-miles South/Southeast of subject site, potentially up gradient	Phase I and Phase II Environmental Site Assessment funded by the U.S. EPA Brownfield Grant, administered by the City of South Bend. Details regarding the findings of the Brownfield Investigations were not provided within the regulatory database search, no record of any follow-up actions by government agencies or potential responsible

			party.
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LEAKING UNDERGROUND STORAGE TANK (LUST) LIST

The Leaking Underground Storage Tank (LUST) List identifies facilities within the State of Indiana that have reported releases of UST contents. The LUST list is maintained by the Indiana Department of Environmental Management, UST Section. A review of the LUST List, dated November 2012, indicated the following:

- The subject property was not identified on the LUST List.
- There were fourteen LUST facilities identified within a one-half mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Driesbach Cad, Olds GMC Truck	602 S. Michigan St	Approx. 0.392-miles North/Northeast of subject site, cross gradient to potentially down gradient	LUST conditions reported in 1998; impacting soils only, with low priority; subsequent determinations of No Further Action based on the IDEM UST Branch Guidance Manual criteria.
Vacant Building	613 S. Michigan St.	Approximately 0.282 miles North/Northeast of subject site, cross gradient to potentially down gradient	LUST conditions reported in 1993; impacting soils only, with low priority; subsequent determinations of No Further Action based on the IDEM UST Branch Guidance Manual criteria.
United Parcel Service	607 S. Scott St.	Approximately 0.412 miles Northwest of subject site, down gradient	LUST conditions reported in 1991; impacting soils only, with low priority; activities associated with the site have been discontinued, an indication that the subject site is not an environmental priority at this time.
John Shoup	716 S. Main St.	Approximately 0.249 miles North/Northeast of subject site, cross gradient to potentially down gradient	LUST conditions reported in 1993; impacting soils only, with low priority; subsequent determinations of No Further Action based on the IDEM UST Branch Guidance Manual criteria.
One Stop #79	815 S. Main St.	Approx. 0.140-miles Northeast of subject site, cross gradient to potentially down gradient	LUST conditions reported in 2005; impacting soils only, with low priority; subsequent determinations of No Further Action based on the RISC Residential criteria
Raitt Corporation	815 W. Sample St.	Approximately 0.446 miles West of subject site, cross gradient to potentially down gradient	LUST conditions reported in 1990; impacting soils only, with low priority; subsequent determinations of No Further Action based on the IDEM UST Branch Guidance Manual criteria.
American Hi-Lift	828 Kerr St.	Approximately 0.410 miles West of subject site, cross gradient to potentially down gradient	LUST conditions reported in 1993; impacting soils only, with low priority; subsequent determinations of No Further Action based on the IDEM UST Branch Guidance

			Manual criteria.
Ziker Cleaners	251 E. Sample St.	Approx. 0.340-miles East of subject site, cross gradient to potentially up gradient	LUST conditions reported in 1998; impacting soils and groundwater, with medium priority; subsequent determinations of No Further Action based on the IDEM RISC Industrial Default Closure criteria.
Jerry's U-serve inc.	1130 S. Main Street	Approx. 0.162-miles Southeast of subject site, cross gradient to potentially up gradient	Two releases reported in 1993, soil contamination only, low priority, No Further Action Required based upon UST Branch Guidance for one incident, other incident reported as "active" by IDEM.
S. Michigan U-Haul Center	1120 S. Main Street	Approx. 0.245-miles Southeast of subject site, up gradient	Release reported in 1996, soil contamination only, low priority, No Further Action Required based upon UST Branch Guidance.
Old Fort Building Supply	1401 S. Main Street	Approx. 0.340-miles South/Southeast of subject site, up gradient	Release reported in 1991, soil contamination only, low priority, identified as "discontinued", an indication that the remedial effort was not completed to IDEM requirements and that IDEM has not undertaken follow-up action.
Allied Products	601 W. Broadway	Approx. 0.323-miles South of subject site, up gradient	Two releases reported in 1990, soil contamination only, low priority, No Further Action Required based upon UST Branch Guidance
Eckler Lahey Lumber Co.	1406 S. Franklin	Approx. 0.330-miles South of subject site, up gradient	Release reported in 1994, soil contamination only, low priority, No Further Action based on RISC Residential Soil Criteria and Industrial Groundwater Criteria
Municipal Services Facility	701 W. Sample St.	Approx. 0.296-miles West of subject site, cross gradient to potentially down gradient	Release reported in 1995 and 1997, soil and groundwater contamination, medium priority, No Further Action Required based upon UST Branch Guidance.

REGISTERED UNDERGROUND STORAGE TANK (UST) LIST

The Underground Storage Tank (UST) List is a listing of underground storage tank systems registered with the Indiana Department of Environmental Management, UST Section. A review of the UST List, dated October 2012, indicated the following:

- The subject site was not identified on the Underground Storage Tank (UST) LIST.
- There were nine facilities identified on the UST List within a one-quarter mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Olinger Distributing Co.	922 S. Main St.	Approximately 0.111 miles East/Northeast of subject site cross gradient to potentially down gradient	One UST system (used oil) identified as Permanently Out of Service; facility not identified as having LUST condition.

Ziolkowski Construction, Inc.	1005 S. Lafayette Blvd.	Approximately 0.035 miles Southeast of subject site, cross gradient to potentially up gradient	One UST system (gasoline) identified as Permanently Out of Service; facility not identified as having LUST condition.
South Bend Lathe	400 W. Sample St.	Approximately 0.068 miles West/Northwest of subject site, down gradient	Five UST systems identified (Used oil, other) identified as Permanently Out of Service, three additional UST systems identified as unregulated removed as part of 2010 demolition of building; facility not identified as LUST site.
City of South Bend	225 W. Garst	Approximately 0.106-miles Southeast of subject site, cross gradient to potentially up gradient.	Two UST systems identified as Permanently Out of Service, No LUST condition reported.
Enyart Electric Motor Service	122 E. Sample Street	Approximately 0.219-miles East/Northeast of subject site, cross gradient to potentially down gradient	One UST system identified as Permanently Out of Service, No LUST condition identified.
Jerry's U-serve inc.	1130 S. Main Street	Approx. 0.162-miles Southeast of subject site, cross gradient to potentially up gradient	Two UST systems identified as Permanently Out of Service, 1993 LUST condition (soil contamination only) reported for each UST, one reported as Requiring No Further Action, other as "discontinued".
One Stop #79	815 S. Main St.	Approx. 0.140-miles Northeast of subject site, cross gradient to potentially down gradient	Four UST systems identified (diesel, gasoline) as Currently in Use, LUST site based on 2005 release to soil, determination of No Further Action based upon RISC Guidance for Commercial/Industrial property use.
John Shoup	716 S. Main St.	Approximately 0.249-miles North/Northeast of subject site, cross gradient to potentially down gradient	Two UST systems identified as Permanently Out of Service (diesel, kerosene); facility identified as LUST site with determination of No Further Action.
South Michigan U Haul Center	1120 S. Michigan St.	Approx. 0.245-miles Southeast of subject site, cross gradient to potentially up gradient	Nine UST system identified as Permanently Out of Service (oil, gasoline); facility not identified as having LUST conditions.

INDIANA STATE CLEAN-UP PROGRAM (SCP) LIST

The Indiana Department of Environmental Management maintains a listing of facilities for which actions taken to mitigate the risk to human health and the environment. A review of the SCP List, dated December 2012, indicated the following:

- The subject property does not appear on the SCP List.
- There were five SCP facilities identified within a one-half mile radius of the subject property, as follows:

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Not Reported	301 W. Sample St.	Approximately 0.041 miles North/Northeast of subject site, cross gradient to	Incident reported as a solvent contamination spill on October 19, 1998 involving an unknown source,

		potentially down gradient	having no direct impact on waters of the state.
Sibley Machine	206 Tutt St.	Approximately 0.278 miles East/Northeast of subject site, cross gradient	No information provided in database report; however, based on location relative to the subject site, impacts to soil and/or groundwater would likely not have a direct impact to the subject site.
ABN Motor Corp	765 S. Lafayette Blvd.	Approximately 0.155 miles North of subject site, down gradient	No information provided in database report; however, refer to other discussions of this site within this section; note that all wastes associated with site have been removed; likely presence of groundwater impacts although no direct contact and municipal water supply minimize possible exposure scenarios.
Studebaker Building 69	730 United Drive	Approximately 0.311 miles Northwest of subject site, down gradient	City of South Bend initially discovered a release associated with a removed (prior to 1986) heating oil UST in 2001; prepared Initial Site Characterization resulting in a determination by IDEM to leave the case "open", but not pursue any remedial action; COSB applies for grant to undertake remediation; IDEM requests additional sampling of groundwater; based on results of additional sampling IDEM issues a Site Status Letter requiring No Further Action although requiring deed restriction involving no residential property use and no groundwater use.
Millennium Environmental	604 S. Scott St.	Approximately 0.412 miles Northwest of subject site, down gradient	No information provided in database report; however, refer to other discussions of this site within this section; note that all wastes associated with site have been removed; likely presence of groundwater impacts although no direct contact and municipal water supply minimize possible exposure scenarios.

MINES MASTER INDEX FILE (MINES)

The Department of Labor, Mine Safety and Health Administration, maintains a listing of mine identification numbers and violation information for active mines and mines opened since 1971. A review of the MINES List, dated August 2011, indicated the following:

- The subject property does not appear on the MINES List.
- There were no facilities identified on the MINES List within a one-quarter mile radius of the subject property.

TOXIC CHEMICAL RELEASE INVENTORY SYSTEM (TRIS) LIST

The EPA maintains a listing of facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. A review of the TRIS List, dated December 2009, indicated the following:

- The subject property does not appear on the TRIS List.

TOXIC SUBSTANCES CONTROL ACT (TSCA) LIST

The EPA maintains a list of manufacturers/importers of chemical substances included in the Toxic Substances Control Act Inventory List, and data on the production volume of such substances by facility. Review of the TSCA List, dated December 2006, indicated the following:

- The subject property does not appear on the TSCA List.

FEDERAL INSECTICIDE, FUNGICIDE, & RODENTICIDE ACT/TSCA TRACKING SYSTEM (FTTS) LIST

The Federal Insecticide, Fungicide, and Rodenticide (FIFRA)/TSCA Tracking System (FTTS) is maintained by the EPA's Office of Prevention, Pesticides, and Toxic Substances, and provides information regarding administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA, and EPCRA (Emergency Planning and Community Right to Know Act). A review of the FTTS List, dated April 2009, indicated the following:

- The subject property does not appear on the FTTS List.

SECTION SEVEN TRACKING SYSTEM (SSTS)

Section 7 of the FIFRA requires all registered pesticide producing establishments to submit a report to the EPA regarding the types and amounts of pesticides, active ingredients, and devices being produced, and those having been produced and sold or distributed within the last year. A review of the SSTS List, dated December 2009, indicated the following:

- The subject property does not appear on the SSTS List.

PCB ACTIVITY DATABASE SYSTEM (PADS)

The EPA maintains a database system that identifies generators, transporters, commercial storage, and/or brokers and disposers of PCBs who are required to notify of such activity. A review of the PADS List, dated November 2010, indicated the following:

- The subject property does not appear on the PADS List.

MATERIAL LICENSING TRACKING SYSTEM (MLTS)

The Nuclear Regulatory Commission maintains a listing of sites which possess or use radioactive materials, and which are subject to the Nuclear Regulatory Commission licensing requirements. A review of the MLTS List, dated June 2011, indicated the following:

- The subject property does not appear on the MLTS List.

FACILITY INDEX SYSTEM/FACILITY REGISTRY SYSTEM (FINDS) LIST

The Facility Index System contains facility information and “pointers” to other sources of additional operational details. FINDS includes information from the Permit Compliance System, Aerometric Information Retrieval System (AIRS), and Enforcement Docket used to track information on civil judicial enforcement cases. Also included are the Federal Underground Injection Control Database, Criminal Docket System for criminal enforcement actions, Federal Facilities Information System, State Environmental Laws and Statutes, and PCB Activity Data System. Review of the FINDS List, dated October 2011, indicated the following:

- The subject site was not identified on the FINDS List

CERCLA LIEN INFORMATION (LIENS2)

A Federal CERCLA lien can exist by operation of law at any site or property at which the EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties. Review of the LIENS2 List, dated February 2012, indicated the following:

- The subject does not appear on the LIENS2 List.

CLANDESTINE DRUG LABS (CDL)

A listing of the locations by the Drug Enforcement Administration where law enforcement has identified the presence of either clandestine drug labs or dumpsites. Review of the CDL List, dated March 2012, indicated the following:

- The subject does not appear on the CDL List.

RADIATION INFORMATION DATABASE (RADINFO)

The Radiation Information Database contains information about facilities that are regulated by the Environmental Protection Agency for radiation and radioactivity. Review of the RADINFO List, dated July 2012, indicated the following:

- The subject does not appear on the RADINFO List.

PERMITTED SOURCES AND EMISSIONS LISTING (AIRS)

The Indiana Department of Environmental Management, Office of Air Quality maintains a listing of the permitted sources and emissions (air permits). Review of the AIRS List, dated December 2011, indicated the following:

- The subject was not identified by the AIRS List as a location for which an air permit had been issued.

FORMER MANUFACTURED GAS (COAL GAS) SITES

The regulatory database identified the following former Manufactured Gas Plant (MGP) facilities within a one mile radius of the subject site.

Jones Petrie Rafinski is aware of the South Bend Light & Coke Company facilities at 301 and 320 East Jefferson Boulevard (approximately 0.552-miles Northeast of subject site, down gradient). Whereby, a strong petroleum smell and stained soils were encountered as part of the 2002 construction of the Crowe Chizek building within the River Glen Office Complex. Such documents indicated the historical presence (along the western edge of the St. Joseph River) of a manufactured gas plant ("Old Gasometer Underground"), which involved the processing of coke (at least 1891 through 1900). The Gasometer was the vessel for storing and measuring the amount of gas produced. By 1917, the site had been converted (demolished) to the Slick's Laundry Cleaning Company. The walls and the floor of the Gasometer, exposed during the construction, consisted of a nine-course row of Richards and a floor underlain by a concrete slab approximately 12-inches thick. Sections of the vertical walls of the Gasometer were initially removed to accommodate construction of the foundation of the Slick's Laundry facility. According to NIPSCO, a tar-like residue, subsequent to the manufacturing process would generally settle to the floor of the Gasometer, where it could be collected. During the Crowe Chizek construction, no tar-like substances were encountered. It was concluded that during construction of the Slick's facility the tar-like residues had been removed (unconfirmed). Thus, residual staining of the floor and walls, and the presence of "trapped" stormwater inside the structure amidst the buried debris, were most likely responsible for the petroleum smell and contaminated materials encountered during construction. A total of approximately 300 cubic yards of contaminated debris were removed from the area for off-site disposal. Confirmation samples collected following removal of the contaminated debris indicated TPH concentrations of less than 50 ppm (IDEM acceptable level is 100 ppm). By location and topography, both the 301 and 320 E. Jefferson Boulevard addresses would be down gradient of the subject site, and therefore, not expected to have a potential for significant environmental impact to the subject site.

5.2 Additional Environmental Records

The IDEM Virtual File Cabinet, a repository of site-specific environmental related documents and correspondence, was reviewed by Jones Petrie Rafinski. The subject site was not identified within the Virtual File cabinet by address. Prior environmental assessment reports completed for the subject site are summarized below, with pertinent information presented in Appendix G.

Phase I Environmental Site Assessment, Hamilton Towing Site #1, 901-917 S. Lafayette Blvd, prepared for City of South Bend, Division of Economic Development by Wightman Environmental, Inc. dated October 22, 2008 – Identified Recognized Environmental Conditions identified as follows:

- Four to five USTs were formerly located on the subject property. It is unknown if the UST systems impacted the soil and/or groundwater beneath the subject property;
- Subject property has historically contained an automobile filling/service station and an automobile junkyard. Various hazardous substances are associated with the property and current industrial/commercial uses of the property;
- Two large flow drains were observed with an unknown discharge point;
- Bulk storage of petroleum products were identified in the northern portion of the subject property; and

- Numerous junk cars are located in the northern portion of the subject property. The owner indicated that the junk cars were not drained of all their fluids prior to storage.

Recommends additional environmental assessment inclusive of the collection of soil and groundwater samples to determine the extent to which, if any, historical property use has resulted in environmental impact (USTs and area of storage).

Phase II Environmental Site Assessment, Hamilton Towing Facilities, 802-812, 910-912 and 901-917 S. Lafayette Blvd., prepared for the City of South bend, Department of Community and Economic Development by Wightman Petrie dated May 4, 2012 – Performed for three Hamilton Towing facilities, inclusive of subject site, based on prior Phase I Environmental Site Assessment completed in 2008. For the subject site, Ground Penetrating Radar Survey was performed for areas of the former USTs (north side of building). No anomalies consistent with the presence of UST systems identified; consistent with owner belief that all UST systems have previously been removed from the ground. Nine soil borings (GP-10 through GP-18) were installed throughout the property. Three soil borings were installed in the area of the former automotive fueling station near the southwest corner of the intersection of South Lafayette Boulevard and West Sample Street. Five soil borings were installed in the current junkyard area to the west of the building. One soil boring was installed inside the subject building, near the existing trench drain. Three of the soil borings were also converted to temporary groundwater wells for the collection of groundwater samples (GP-12, GP-17, and GP-18). Results of both soil and groundwater sampling did not identify the presence of any Contaminants of Concern (VOCs and Carcinogenic PAHs) above applicable RISC Residential Criteria or above laboratory detection limits.

5.3 Prior Environmental Reports – Adjoining Properties (Copies - Appendix G)

Phase I Environmental Site Assessment, Hamilton Towing Site #2, 910-912 S. Lafayette Blvd, prepared for City of South Bend, Division of Economic Development by Wightman Environmental, Inc. dated November 14, 2008 – Identified Recognized Environmental Conditions identified as follows:

- A floor drain was identified in the fleet storage/maintenance area of the subject property. The current owner was unaware of where the floor drain discharges.
- The subject property has historically been utilized as an industrial property. An automobile repair facility/garage occupied the subject property from at least 1917 to 1980.

Recommends that the floor drain be dye tested to try and determine the point of discharge. If the point of discharge is unable to be determined with the dye test further investigation will need to be conducted to determine if the drain is discharge to a dry well or another on-site system. Also, recommends the installation of a series of soil borings across the subject property to determine if a historical release of hazardous substances has occurred on the property.

Phase II Environmental Site Assessment, Hamilton Towing Facilities, 802-812, 910-912 and 901-917 S. Lafayette Blvd., prepared for the City of South bend, Department of Community and Economic Development by Wightman Petrie, Inc. dated May 4, 2012 – Performed for three Hamilton Towing facilities, inclusive of subject site, based on prior Phase I

Environmental Site Assessment completed in 2008. For the adjacent site (910-912 S. Lafayette Boulevard), Ground Penetrating Radar Survey was performed to identify the potential presence of features such as previously abandoned and/or removed underground storage tank systems, underground utilities and other unidentified subsurface structures. Five soil borings (GP-5 through GP-9) were installed around the perimeter of the building as locations in assessing the potential for migration of contaminants. Note that the roof clearances within the building were not sufficient to allow for the entry of the Geoprobe sampling apparatus. Three of the soil borings were also converted to temporary groundwater wells for the collection of groundwater samples (GP-6, GP-8, and GP-9). Carcinogenic Polynuclear Aromatic Hydrocarbons (cPAHs) were only detected in the near surface soil sample submitted from location GP-7, collected at the northeast corner of the building. Of the PAHs reported at concentrations above the laboratory detection limit within sample GP-7 (0'-5'), none were reported at a level that was in excess of the RISC Residential Criteria. All other soil and groundwater samples at the adjacent site did not identify the presence of any Contaminants of Concern (VOCs and Carcinogenic PAHs) above applicable RISC Residential Criteria or above laboratory detection limits.

5.4 Physical Setting

The subject site consists of five (5) adjoining land parcels totaling 0.93-acres situated within an area of South Bend which has historically been associated with heavy industrialized activity and which is currently transitioning as an area targeted for redevelopment by the City of South Bend. As previously indicated, the City of South Bend is acquiring the subject site for the purpose of demolition, consistent with the overall Master Plan for Reuse/Redevelopment of the area.

The subject site is generally identified as being approximately 728 feet above mean sea level. Overall, topography across the site is relatively flat, having been leveled to support historical automotive and truck repair operations dating back to the 1960s. Jones Petrie Rafinski notes a slight construction grade from west to east that facilitates storm water run-off towards existing storm sewers present along South Lafayette Boulevard.

On a regional basis, topography trends from the south (766 ft. at approximately 1-mile from the site) to the north (707 as ft. at approximately 1-mile from the site). However, the U.S. 31 corridor, Michigan Street, Main Street and Lafayette Boulevard through the central portion of South Bend, serve as a topographic break for gradient to the east and gradient to the west. To the east, topography is easterly toward the St. Joseph River (approximately 1-mile east), at which point elevations slope from 720 ft. (site) to approximately 683 ft. West of the subject site, elevations slope to approximately 718 ft. Overall, the trend would be to the North/Northeast, toward the St. Joseph River, located approximately 1-mile to the north and east of the subject site.

Area streets are paved and crowned to facilitate stormwater run-off. In general, such run-off is confined by curbing, and flows to storm water grates along the roadways that discharge to a combined sewer system present throughout the downtown area of South Bend. Under normal conditions, this combined sewer system discharges to the South Bend Wastewater Treatment Facility; however, during periods of excessive precipitation in which the treatment capacity of the wastewater treatment plant is exceeded, untreated wastewaters can be discharged directly into the St. Joseph River. Jones Petrie Rafinski notes that the City of South Bend is currently

working with the U.S. Environmental Protection Agency for the elimination of all combined sewer systems. The subject property has no specific stormwater drains or collection features.

5.4.1 Soils

According to the Soil Survey of St. Joseph County, soils in the area of the site are classified as being of the Tyner series (Tyner loamy sand, 0 to 6 percent slope).

The Tyner series soils consist of deep, well drained, nearly level to strongly sloping soils on outwash plains and terraces. These soils are mainly on raised flats and ridges. They formed in sandy outwash. The native vegetation was mainly mixed hardwoods. In a representative profile, the surface layer is dark brown loamy sand, approximately 9-inches thick. The subsoil is 35-inches thick and consists of dark yellowish brown, very friable loamy sand in the upper 16 inches and dark brown, very friable loamy sand in the lower 19-inches. The underlying material extends to a depth of 70-inches and is a yellowish brown sand in the upper 16-inches and dark brown sand in the lower 10-inches. Tyner soils have rapid permeability and a low available water capacity. The organic matter content is moderate in the surface layer, and run-off is slow to medium.

5.4.2 Surficial Geology

The subject site is located within the St. Joseph Valley Aquifer System which is composed of fine to medium sands with zones of coarse sand and gravel. Interspersed within these deposits, are thin clay or glacial till units of limited aerial extent. The area of the subject site is underlain by approximately 200 to 250 feet of unconsolidated deposits. Tributary Valleys often contain coarser outwash deposits.

5.4.3 Bedrock Geology

The occurrence of bedrock aquifers depends on the original composition of the rocks and subsequent changes which influence the hydraulic properties. Post depositional processes, which promote joints, fracturing and solution activity of exposed bedrock, generally increase the hydraulic conductivity (permeability) of the upper portion of the aquifer system. Because permeability in many places is greatest near the bedrock surface, bedrock units within the upper 100 feet are commonly the most productive aquifers.

The Bedrock Geology of Indiana Map indicates that the bedrock in the vicinity of the subject site is generally characterized as a thick sequence of Devonian and Mississippian shale, known as Coldwater Shale. Coldwater Shale is widespread North and Northeast of the Kankakee and Cincinnati Arches in Indiana, and is composed of slightly silty, gray to greenish gray shale and minor amounts of dolomite and dolomitic quartz sandstone, that can vary depending on location, from 100 to 340 feet in thickness (Fenelon, et al, 1994). Although depth to bedrock is expected to be between 75 to 150 feet below ground surface, site specific information regarding the depth to bedrock was not identified by Jones Petrie Rafinski during the completion of the Phase I Environmental Site Assessment effort.

Aerial Year	GENERAL DESCRIPTION
1952	Insufficient resolution to determine subject site property use.
1967	Subject site appears to be used for the parking of cars.
1975	Insufficient resolution to determine subject site property use.
1977	Insufficient resolution to determine subject site property use.
1981	Insufficient resolution to determine subject site property use.
1986	Insufficient resolution to determine subject site property use.
1992	Subject site appears to be consistent with that of current date.
1998	Subject site appears to be consistent with that of current date.
2005	Subject site appears to be consistent with that of current date.
2006	Subject site appears to be consistent with that of current date.
2007	Subject site appears to be consistent with that of current date.

5.5.3 City and County Directories

A search of Haines Criss-Cross Directories and Polk Directories for South Bend, Indiana and Surrounding Areas, inclusive of the subject site addresses identified as part of the subject site, for the years 1932 through 2010 is summarized as follows:

Address	Years	Occupant
917 S. Lafayette	1965-1932	Not listed in directory.
	2000-1970	Hamilton Body Shop/Hamilton Towing
	2011-2005	Hamilton Body Shop

5.5.4 Ownership History

User provided no Title records for review in the compilation of this Phase I Environmental Site Assessment. Documents obtained through the St. Joseph County Tax Assessors Office indicate that Richard Hamilton acquired the subject site on January 5, 2000. Jones Petrie Rafinski was able to obtain a copy of the most recent legal documents involving sale and/or transfer of assets identified as the subject site (four parcels), as follows:

Parcel #71-08-13-101-001.000-026 Corporate Warranty Deed, dated December 5, 1989, conveying property identified as 802 S. Lafayette (Key No. 18-8002-0094) from Gafill Projects, Inc. to Hamilton Body Shop, Inc., as recorded by the Recorder of St. Joseph County on December 11, 1989 (Document # 8933044);

Parcel #71-08-13-101-002.000-026 - Co-Personal Representative's Deed, dated January 5, 2000, conveying property identified as the vacant lot south of 915 S. Lafayette (Key No. 18-8002-0096) from Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, to Richard C. Hamilton, as recorded by the Recorder of St. Joseph County on January 5, 2000 (Document # 0000826);

Parcel #71-08-13-101-003.000-026 - Co-Personal Representative's Deed, dated August 27, 1998, conveying property identified as 915-917 S. Lafayette (Key No. 18-8002-0097) from Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, to Richard C.

5.4.4 Hydrology/Hydrogeology

The subject site is located within the St. Joseph River Basin. Unconsolidated aquifers in the area of the subject site are typically composed of a series of buried and discontinuous sand and gravel layers that vary in thickness. Such aquifers are considered as good water supplies typically generating from 10 to 500 gallons per minute, with some areas being able to produce upwards of 1,500 gallons per minute (Beaty et al, 1987). A review of data contained within the Indiana Wells database, as provided by Environmental Data Resources, Inc. (EDR), indicates that the depth to water in the immediate area of the subject site likely ranges between 25 to 30 feet below ground surface.

Groundwater generally flows in directions parallel to the natural ground surface slopes toward points of discharge such as rivers, creeks, swamps, drainage swales, or pumped groundwater wells. Localized groundwater flow direction can differ from regional groundwater flow direction depending on the presence of significant subsurface features, extent of groundwater pumping conducted in close proximity of the site and seasonal precipitation levels. Prior environmental assessments performed for sites immediately west (i.e. Allied Products, South Bend Lathe) have confirmed North/Northeasterly groundwater flow direction toward the St. Joseph River.

5.5 Historical Use Information on the Property

5.5.1 Sanborn Fire Insurance Maps

Historical Sanborn Fire Insurance Maps dated 1891, 1893, 1899, 1917, 1949 and 1980 were available in the area of the subject site according to a search by Environmental Data Resources (EDR, Inc. of Milford Ct), owners of the Sanborn Fire Insurance Map collection. (Copies provided as Appendix E). The following summarizes a review of identified property use based on a review of the various Sanborn Maps.

Sanborn Year	GENERAL DESCRIPTION
1891	No coverage of the area of the subject site.
1893	No coverage of the area of the subject site.
1899	Four dwellings identified by address as 903, 917, 921, and 923 S. Lafayette.
1917	Five dwellings identified by address as 905, 915, 917, 921, and 923 S. Lafayette.
1949	Subject site appears to be identified as 901, 917, 921, and 923 S. Lafayette; used as an auto painting facility, fueling station, and office facility.
1980	Subject site appears to be identified as 901, 919, and 921 S. Lafayette; used as an auto junk yard, parking, and an office facility.

5.5.2 Aerial Photos

A number of aerial photos of the subject site were available through Environmental Data Resources (EDR). The descriptions for each photo reviewed are written below. Years available included 1952, 1967, 1975, 1977, 1981, 1986, 1992, 1998, 2005, 2006, and 2007. Copies of the Aerials are provided as Appendix D.

Hamilton, as recorded by the Recorder of St. Joseph County on August 27, 1998 (Document # 9844959);

Parcel #71-08-13-101-004.000-026 – Co-Personal Representative’s Deed, dated January 5, 2000, conveying property identified as the Lafayette Blvd. (Key No. 18-8002-0098) from Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, to Richard C. Hamilton, as recorded by the Recorder of St. Joseph County on January 5, 2000 (Document # 0000822); and

Parcel #71-08-13-101-005.000-026 – Co-Personal Representative’s Deed, dated January 5, 2000, conveying property identified as the vacant Lafayette Blvd. (Key No. 18-8002-0099) from Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, to Richard C. Hamilton, as recorded by the Recorder of St. Joseph County on January 5, 2000 (Document # 0000823).

5.5.5 Other Records of Historical Use

No other historical records were identified for the subject site.

5.6 Historical Use Information on Adjoining Properties

5.6.1 Sanborn Fire Insurance Maps

Historical Sanborn Fire Insurance Maps dated 1891, 1893, 1899, 1917, 1949 and 1980 were available in the area of the subject site according to a search by Environmental Data Resources (EDR, Inc. of Milford Ct), owners of the Sanborn Fire Insurance Map collection. (Copies provided as Appendix E). The following summarizes a review of adjoining properties based on a review of the various Sanborn Maps.

Sanborn Year	GENERAL DESCRIPTION
1891	North: No coverage; Northeast: Railroad Tracks, Residential dwellings; Northwest: No coverage; East: Residential dwellings; South: No coverage; Southeast: Railroad tracks, Residential dwellings. Southwest: No coverage; West: No coverage.
1893	North: No coverage; Northeast: Railroad Tracks, Residential dwellings; Northwest: No coverage; East: Residential dwellings; South: No coverage; Southeast: Railroad tracks, Residential dwellings; Southwest: No coverage; West: No coverage.
1899	North: Residential dwellings and English Missionary Church; Northeast: Residential dwellings, Railroad Tracks; Northwest: Residential dwellings;

	East: Residential dwellings, Railroad Tracks; South: Residential dwellings; Southeast: Residential dwellings; Southwest: Residential dwellings West: Residential dwellings.
1917	North: Residential dwellings; Northeast: Residential dwellings Northwest: Residential dwellings; East: Residential dwellings and railroad tracks; South: Fred K. Sohlfher & Son Machine Shop and Auto Repairing, Residential Dwellings; Southeast: Residential dwellings; Southwest: Residential dwellings; West: Residential dwellings.
1949	North: Garst's Addition; Northeast: Auto Parking, Residential Dwellings; Northwest: Auto Parking, Newman Association; East: Auto Repair, Railroad Tracks; South: Die Casting Machine Shop, Residential Dwellings; Southeast: Residential Dwellings; Southwest: Residential Dwellings; West: Residential Dwellings, Restaurant.
1980	North: Garst's Addition; Northeast: Auto Parking, Residential Dwellings; Northwest: Auto Parking, Newman Association East: Auto Repair, Railroad Tracks; South: Storage Yards, Residential Dwellings; Southeast: Storage Yards, Residential Dwellings; Southwest: Storage Yards; West: Cleared and designated for auto parking.

5.6.2 Aerial Photos

A number of aerial photos of the area surrounding the subject site were available through Environmental Data Resources (EDR). The descriptions for each photo reviewed are written below. Years available included 1952, 1967, 1975, 1977, 1981, 1986, 1992, 1998, 2005, 2006, and 2007. Copies of the Aerials are provided as Appendix D.

Aerial Year	GENERAL DESCRIPTION
1952	Insufficient resolution to determine surrounding area property use.
1967	To the north, west, and south is commercial/industrial land use. To the east of the subject site appears to be residential dwellings along with a few commercial facilities.
1975	Insufficient resolution to determine surrounding area property use.
1977	Insufficient resolution to determine surrounding area property use.
1981	Insufficient resolution to determine surrounding area property use.
1986	Insufficient resolution to determine surrounding area property use.
1992	North: Cleared; Northeast: Cleared; Northwest: Cleared; East: Cleared; South: Cleared with exception of restaurant at corner of Sample and Lafayette; Southeast: Railroad tracks and one large building; Southwest: Parking areas and one large building at Sample and Lafayette intersection; West: Cleared.
1998	North: Cleared; Northeast: Cleared; Northwest: Cleared;

	East: Cleared; South: Cleared with exception of restaurant at corner of Sample and Lafayette; Southeast: Cleared; Southwest: Cleared; West: Cleared.
2005	North: Cleared; Northeast: Power substation; Northwest: Cleared; East: Arby's restaurant and gas station; South: Cleared with exception of restaurant at corner of Sample and Lafayette; Southeast: Arby's restaurant and gas station; Southwest: St. Joseph County Jail; West: St. Joseph County Jail.
2006	Similar to that described from 2005 aerial.
2007	Similar to that of 2006 aerial, although noting expansion of electrical substation to include area immediately north of subject site.

5.6.3 City and County Directories

A search of Haines Criss-Cross Directories and Polk City Directories for South Bend, Indiana and Surrounding Area for properties in the immediate area of the subject site is summarized as follows:

ADDRESS	DIRECTION FROM SITE	YEAR	IDENTIFIED USE
730 S. Lafayette	North	1932 – 1960	Not Listed
		1965	Lawn, Garden & Golf/Radio Equip of Indy
		1970	Allied Products
		1975 – 2011	Not Listed
731 S. Lafayette	North	1932 – 2005	Not Listed
		2010-2011	City of SB Public Works (sign/sewer/streets)
747 S. Lafayette	North	1932	Not Listed
		1938	Carvans Transport
		1945 – 2011	Not Listed
765 S. Lafayette	North	1932 – 1965	Not Listed
		1970 – 1985	Avanti Motors
		1990 – 2011	Not Listed
801 S. Lafayette	North	1932 – 1938	Highway Inn Restaurant
		1945 – 2011	Not Listed
805 S. Lafayette	North	1932 – 1938	Residential
		1945 – 2011	Not Listed
807 S. Lafayette	North	1932	Residential
		1938 – 2011	Not Listed
809 S. Lafayette	North	1932 – 1938	Residential
		1945 – 2011	Not Listed
812 S. Lafayette	North	1932 – 1950	Residential
		1955 – 2011	Not Listed
813 S. Lafayette	North	1932	Residential
		1938	Hose Co. #2
		1945 – 2011	Not Listed
814 S. Lafayette	North	1932	Fixler Grocery
		1938	Independent Club
		1945	Lafayette Café
		1950 – 1955	Uptown Bar
		1960	Tower Glass Co.
		1965 – 1990	Miller Paint & Supply

		1995 – 2000	XXXX
		2005 – 2011	Not Listed
815 S. Lafayette	North	1932	Residential
		1938 – 1985	Not Listed
		1990	Police Credit union
		1995 – 2000	XXXX
		2005 – 2011	Not Listed
816 S. Lafayette	North	1932	Dispenza Billiards
		1938	Green Restaurant
		1945 – 2011	Not Listed
817 S. Lafayette	North	1932	Drechsel Restaurant
		1938 – 1965	Hose Co. #2
		1970 – 2011	Not Listed
818 S. Lafayette	North	1932 – 1960	Residential
		1965 – 2011	Not Listed
		1975 – 2011	Not Listed
822 S. Lafayette	North	1932-1955	Not listed in directory.
		1960	Jim's Tavern
		1965	Not listed in directory.
		1970-2011	Dew Drop Inn Rest
910 S. Lafayette	West	1932-1965	Not listed in directory.
		1970-2000	Hamilton Body Shop/Hamilton Towing
		2005-2011	Hamilton Towing
912 S. Lafayette	West	1932-1955	Not listed in directory.
		1960-2000	Air Products and Chemicals Inc.
		2005-2010	Air Gas Inc.
		2011	Not listed in directory.
1002 S. Lafayette	South	1932-1955	Not listed in directory.
		1960-1975	Residential
		1980-2005	Not listed in directory.
		2010-2011	JSM Properties
1005 S. Lafayette	South	1932-1955	Not listed in directory.
		1960	Trigon Specialties Corp.
		1965-1970	Colfax Co Inc.
		1975	Not listed in directory.
		1980-2005	Ziolkowski Construction
2010-2011	XXXX		
1015 S. Lafayette	South	1932-1985	Not listed in directory.
		1990	Powell and Associates
		1995-2000	Not listed in directory.
		2005	Ziolkowski Construction
		2010-2011	XXXX
1026 S. Lafayette	South	1932-1995	Not listed in directory.
		2000-2011	Agalite Shower Enclosure
209 W. Sample St.	North	1932 – 2000	Not Listed
		2005 -2010	Arby's Restaurant/Phillips 66 Gas Station
		2011	One Stop 1
213 W. Sample St.	Northwest	1932 – 1938	Vacant
		1940 – 2011	Not Listed
216 W. Sample St.	Northwest	1932 – 1955	Residential/Barber
		1960 – 2011	Not Listed
217 W. Sample St.	Northwest	1932	Bernard Restaurant
		1938	Wolf Restaurant
		1945	Residential
		1950	Vacant
		1955	Songer - Barber
1960 – 2011	Not Listed		

219 W. Sample St.	Northwest	1932 – 1938	Barber
		1945	Chas Cole & Assoc.
		1950	Vacant
		1955 – 2011	Not listed
220 W. Sample St.	Northwest	1932 – 1955	Residential
		1960 – 2011	Not Listed
221 W. Sample St.	Northwest	1932 – 1938	Vacant
		1945	Chas Cole & Assoc
		1950	Vacant
		1955	B & G Restaurant
		1960 – 2011	Not Listed
312 W. Sample St.	Northwest	1932	Vacant
		1938 – 2011	Not Listed
314 W. Sample St.	Northwest	1932 – 1960	Residential
		1965 – 2011	Not Listed
317 W. Sample St.	Northwest	1932	Confectioner
		1938 – 2011	Not Listed
318 W. Sample St.	Northwest	1938 – 1945	Residential
		1950	Barrett Restaurant
		1955	Residential
		1960 – 2011	Not Listed
320 W. Sample St.	Northwest	1932 – 1938	Vacant
		1945 – 2011	Not Listed

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

The site and area reconnaissance efforts were conducted on January 30, 2013 by Conley Phifer and Brittany Covault of Jones Petrie Rafinski. Access to the buildings was provided by Mr. Richard Hamilton (Owner). Mr. Phifer and Ms. Covault were not accompanied during the site reconnaissance effort.

Site photographs as presented in Appendix B, document the conditions observed during the site visit, as well as the surrounding property use. Adjoining properties were observed from the subject site boundaries, or via tour of public rights-of-way or other public areas.

6.2 General Site Setting

The subject site is generally located at the southern end of the central downtown area of South Bend, Indiana. Over the recent past, the area has been targeted for redevelopment, as indicated by the transition of the former Oliver Plow manufacturing properties to an industrial park, the demolition of the various Studebaker, South Bend Lathe, Allied Stamping Plant and other dated facilities (including residential along Indiana Avenue) to form a technology park, with an emphasis on nano-technology, having research ties with the University of Notre Dame, and the recent upgrades to Coveleski Stadium, as home to the South Bend Silverhawks. The subject site is centrally located among all of the aforementioned facilities. However, given the limited size of the site, coupled with the overall poor condition of both the existing structure and surrounding pavement, as well as the historical use of the property as an auto repair and service facility, there is little value in reuse of the site as it currently exists. Therefore, the City of South Bend has acquired the subject site with the intention of demolition to allow for redevelopment consistent with the Master Plan for Property Use in the area.

Area streets are paved and crowned to facilitate stormwater run-off. In general, such run-off is confined by curbing and flows to storm water grates along the roadways (South Lafayette) that discharge to a combined sewer system present throughout the downtown area of South Bend. Jones Petrie Rafinski notes that the City of South Bend is currently working with the U.S. Environmental Protection Agency for the elimination of all combined sewer systems. Public utilities (water and sanitary sewer) are currently and have historically been available to the area of the subject site.

6.3 Exterior Observations

The subject site consists of five (5) adjoining land parcels totaling approximately 0.93-acres of land. The southern three parcels have been developed with the 1960s construction of a single-story, concrete block building, with metal frame joists supporting a flat roof (approximately 7,420 sq. ft.). The floor of the structure has different elevations that support the presence of an oil change pit. North of the main structure is an approximate 1,312 sq. ft. paint shop, constructed of concrete block and metal frame that is primarily used for personal vehicles. To the north of the paint shop is an additional building used for storage and as a boiler room (approximately about 480 sq. ft.), constructed of concrete block and wood frame.

Overall, the structural integrity of the buildings would be considered poor, with the facility having only lately been used for the storage of towing fleet vehicles. The northern most lot is not paved and has historically been used for the storage of vehicles and equipment associated with auto repair operations and/or towing operations. Jones Petrie Rafinski notes that the junkyard/towing yard was surrounded by a security fence (steel panel) and with lock gate access (two swinging gates).

There are two curb cuts that allow for access to the Hamilton Body Shop along South Lafayette Boulevard; one for the front parking and one for the gated junkyard/towing yard. The pavement in some areas is in extremely poor condition and largely discontinuous.

Within the storage lot of the site, was an excessive amount of scrub vegetation. Jones Petrie Rafinski noted the several totaled/out-of-service vehicles stored within the gated confines of the junkyard/towing yard. According to the property owner, approximately five (5) vehicles are towed from the lot on a weekly basis to the area scrap yards for recycling.

Also, present within the junkyard/towing yard were several piles/accumulations of solid wastes (general trash and debris), as well as piles of used tires and piles of dirt and brick. Some of the aforementioned solid wastes had been placed within existing open-top 55-gallon drums; however, most was strewn about the corners of the property.

The facility is connected to municipal (City of South Bend) utilities (water and sanitary sewer). American Electric Power (AEP) provides electrical service to the subject site. We note the presence of electrical service lines along the east side of South Lafayette Boulevard as well as the common alley way to the west of the subject site. Jones Petrie Rafinski did not observe the presence of any pole-mounted transformers along Sample Street or South Lafayette Boulevard with a potential for environmental impact. Pole-mounted transformers were noted along the common alley way. None of the identified transformers were outwardly labeled as to PCB content; however, none were identified as leaking.

Although there were no indications of the current existence of any UST systems as previously noted, there were historical UST systems identified as located along the northern portion of the property from a review of the 1949 Sanborn Map, as well as the former owner's account for the removal of a former UST along the northeast corner of the property. Jones Petrie Rafinski observed the presence of an AST at the subject site during the site reconnaissance effort. The AST was identified in the northern portion of the subject site. The owner indicated that it was previously filled with diesel; however, it currently was empty and not in use.

As previously noted, Wightman Petrie installed nine (9) soil borings, three (3) of which were advanced and subsequently used for the collection of a groundwater sample as part of a May 2012 Phase II Environmental Site Assessment. The location of the soil borings/temporary wells was based on Recognized Environmental Conditions that had been identified during the 2008 Phase I Site Assessment. Analysis of both soil and groundwater samples did not result in the identification of any contaminants of concern (VOCs/SVOCs) above RISC Residential Criteria, with most Contaminants of Concern not being reported above laboratory detection limits.

There were no pits, ponds, lagoons identified during the site reconnaissance.

No unusual odors were detected during the exterior reconnaissance efforts.

A review of the National Wetlands Inventory Map, South Bend West, Indiana Quadrangle, as prepared by the Department of the Interior, Fish and Wildlife Service, did not indicate the presence of jurisdictional Wetlands at the subject property. Similarly, the subject site was not identified within an area designated as the 100-Year Floodplain.

6.4 Interior Observations

Upon entry, it becomes readily apparent as to the poor structural condition of the paint shop and storage buildings. The roof was leaking extensively during the reconnaissance effort, having rained earlier in the morning. Pools of water on the concrete flooring were noted, with some sheen identified as a result of historical incidental releases as part of auto service/repair operations.

The main structure located on the southern three parcels was constructed in the 1960s as a single-story concrete block building, with metal frame joists supporting a flat roof, approximately 7,420 sq. ft. Access to the facility is through framed doorways along the east side of all three buildings. Within the main structure, the office and restroom was the only portion of the interior that were "framed."

The paint shop structure consists of approximately 1,312 sq. ft. primarily open with the exception of two "framed" areas used as a paint mix room and general storage area. The paint booth was a closed-off room with large hinged doors to allow access with air filters throughout the booth to allow for the capture of paint particulates. The northern most structure and storage building consisting of approximately 420 sq. ft., was an open structure with a boiler that was used to heat the paint shop. The storage structure was used to store a variety of other equipment in addition to the boiler.

The subject property was identified by the regulatory database search as a RCRA Conditionally Exempt Small Quantity Generator. Wastes generated by the facility were associated with painting activities that were characterized as Undefined (D000), Ignitable Hazardous Wastes (D001), and Spent Non-Halogenated Solvents (F003/F005). There were no Violations of Record identified for this facility.

Operations conducted within the facility consisted largely of the storage of vintage tow trucks, with very little body shop work currently. The owner of the property indicated that painting operations were generally limited to that of personal vehicles and typically one or two per year.

During the reconnaissance, Jones Petrie Rafinski noted the presence of numerous containers of old (product), waste oil, other vehicle fluids (antifreeze, etc.) within the body shop. Also noted were tool maintenance fluids and lubricants within the paint shop area, where numerous cans of paint historically used in painting operations, as well as mix solvents and waste solvent containers were also observed. None of the identified containers were noted as leaking.

American Electric Power (AEP) is responsible for providing electrical service to the area of the subject site. Jones Petrie Rafinski noted several electrical switch panels mounted on the walls of the garage area. There were no transformer units associated with electrical service identified within the buildings.

The Body Shop building was heated through a combination of hanging natural gas units, with the office area heated through a mounted gas forced air vent. The paint shop was also heated through hanging natural gas units. The storage/boiler building was not heated. None of the buildings were air conditioned. Natural gas to the area of the subject site is provided through Northern Indiana Public Service Company (NIPSCO). Jones Petrie Rafinski noted the presence of several radiators that were mounted on the office walls of the building. This would be consistent with the historical presence of a boiler system that likely included the use of a heating oil tank to fire the boiler unit.

The subject site is currently, and has historically, been connected to municipal (City of South Bend) utilities, including water and sanitary sewer. Several floor drains were identified within the facility. Some of the floor drains appeared to be plugged to eliminate discharge. The owner indicated that the floor drains have historically discharged into the sanitary sewer system, as he was not aware of any on-site septic systems or catch basins. The restroom was also equipped with a floor drain. Jones Petrie Rafinski did not observe any staining around the aforementioned floor drains that would indicate use of the drains for disposal of petroleum products or hazardous materials.

Visually, there were a couple of areas of staining to the existing concrete flooring in all three (3) structures. However, such staining was not located proximal to the sides of the structure (pathway to the exterior, nor were they located in immediate proximity to any existing drains, concrete seams or cracks). Such staining is thought to have been associated with paint and oil changing operations of vehicles. Such staining is not considered to be a Recognized Environmental Condition warranting additional investigation.

Also present within the garage area was an oil change pit, having a series of built-in concrete steps for entry. The flooring of the pit and what is thought to be the "transfer" area appeared to be stained from incidental releases/spills. Although there were no indications of a direct

release to the subsurface environment, any hot spot areas beneath the existing slab will need to be addressed by excavation at the time of building demolition. Jones Petrie Rafinski notes that the analysis of soils and groundwater samples collected as part of the May 2012 Phase II Environmental Site Assessment, did not indicate the presence of significant contamination outside of the confines of the building.

Jones Petrie Rafinski observed several small accumulations of solid waste and general debris within the various rooms.

No unusual odors were detected during the interior reconnaissance efforts.

6.5 Observations on Adjacent Properties

Visually, Jones Petrie Rafinski noted the presence of a gasoline service station to the northeast of the subject site (One Stop #79). UST systems supporting the operation were located further at the southeast corner of the lot, adjacent to the intersection of West Sample Street and South Main Street. A review of the regulatory database indicates that a release had been reported to have impacted area soils only, with actions taken upon discovery being sufficient to support a determination of No Further Action based on RISC Residential Criteria.

There were no other obvious indications of a potential for environmental impact identified during the area reconnaissance.

Jones Petrie Rafinski also notes the potential presence of groundwater contamination as part of a historical plume moving through the industrialized area that was previously home to the Studebaker Motor Company, Allied Products, South Bend Lathe, Oliver Plow, etc. The source of such plume remains unknown, and is the subject of an ongoing investigation by the City of South Bend. However, it should be noted that the subject site, as well as surrounding areas are currently, and have historically been serviced by municipal (City of South Bend) water and sewer. It is also important to note the groundwater samples collected from the subject site, as well as the adjacent Hamilton Towing property (910-912 S. Lafayette), did not indicate the presence of contaminants of concern above the laboratory detection limits.

Jones Petrie Rafinski further notes the historical presence of the railroad lines to the immediate east of the subject site as a potential source of contamination stemming from leaking valves on rail cars during transport. Again, soil and groundwater samples collected in the area of the rail lines did not identify contaminants of concern (VOCs and cPAHs) above the RISC Residential Criteria.

7.0 INTERVIEWS

7.1 Interview with Site Owner

The subject site is currently owned by Richard Hamilton. Mr. Hamilton indicated that he was not aware of any specific environmental concerns associated the subject property or adjacent properties. The City of South Bend plans to take ownership of the subject site in late March; however, Hamilton Body/Towing will continue operations through June 2014.

The City of South Bend is acquiring the property in support of on-going redevelopment activities of the area. The City of South Bend has previously commissioned a Phase I (2008) and Phase II Environmental Site Assessment of the subject site.

7.2 Interview with Site Manager

The subject site is currently in use by the Site Owner (Mr. Hamilton) as a body shop, paint shop work and general tow yard. Mr. Hamilton also serves as the Site Manager, being responsible for any immediate building maintenance needs that may arise.

Information attained from our interview with Mr. Hamilton is referenced throughout this Report.

7.3 Interview with Site Occupant

As indicated, the operations of Hamilton Towing and Body Shop currently occupy the subject site, and will continue occupancy through June 2014.

7.4 Interview with Local Government Official

The City of South Bend, Department of Community Investment, specifically Ms. Ann Kolata and Mr. David Relos, have been directing the work efforts of Jones Petrie Rafinski with respect to the 2008 Phase I Environmental Site Assessment, the 2012 Phase II Environmental Site Assessment, and the current Phase I Environmental Site Assessment Update. Both Mr. Relos and Ms. Kolata have been involved with the overall redevelopment of the former Studebaker and Oliver Plow Industrial Areas and are therefore, familiar with specific environmental concerns having been identified in the immediate area, as well as actions taken to date, to ensure protection of the public health and the environment (i.e., involvement with the IDEM VRP and Brownfields Program to obtain site status letters and overall risk evaluations with respect to redevelopment).

Ms. Kolata provided Jones Petrie Rafinski with the ability to review prior Assessment Reports associated with the former Avanti Motors facility demolition process (ATEC Environmental). Ms. Kolata is aware of environmental concerns associated with the former Studebaker Complex as part of the City of South Bend's redevelopment of the area into the Ignition Park "High Tech" park, for which Comfort Letters have been issued.

7.5 Interview with Others

No other interviews were conducted as part of the current Phase I Environmental Site Assessment effort.

8.0 FINDINGS

Phase I Environmental Site Assessment findings identify known or suspected environmental conditions associated with the subject site, including recognized environmental conditions, historical recognized environmental conditions, and *de minimis* conditions. *De minimis* conditions are those that are judged to not present a material risk of harm to health or the environment. Historical conditions include records of past releases that have been remediated to the satisfaction of the governing regulatory agency.

The following environmental conditions were identified during this investigation:

1) Subject Site:

Jones Petrie Rafinski understands that the subject site has been evaluated previously in terms of a Phase I Environmental Site Assessment (2008), and as a follow-up to Recognized Environmental Conditions through the completion of a Phase II Environmental Site Assessment in May 2012. The results of soil and groundwater sampling completed during the May 2012 Phase II did not identify the presence of any contaminants of concern (VOCs/cPAHs) above RISC Residential Criteria. Indeed, most analyses were reported as being below laboratory detection limits. Based on this data, the City of South Bend agreed in principal, to purchase the subject site, allowing for continued occupancy (for removal of existing fleet tow trucks and equipment by the former owner) through June 2014.

The City of South Bend is acquiring the site with the intention of demolition in support of other redevelopment activities occurring within the same general area. Given the absence of contamination at locations that would be considered most likely impacted from historical operations and were not identified during the 2012 Phase II effort, the potential exists for some limited "hot spot" contamination to exist beneath the existing slab as a result of existing drains and/or cracking of the slab. Such "hot spot" contamination, if encountered during the demolition process, will be addressed through excavation characterization and off-site disposal (through environmental allowance).

Jones Petrie Rafinski (as WP) was retained to perform a Phase I Environmental Site Assessment with respect to current conditions at the subject site relative to previously identified RECs, and identification of any additional RECs stemming from ongoing operations.

Based upon our review of previous environmental reports (Phase I/II), as well as site reconnaissance of the building interior and yard and facility, the following environmental conditions were identified:

- The subject site has historically operated as an automobile filling/service station and an automobile junk yard. Various hazardous substances are associated with the prior and current industrial/commercial uses of the property;
- Four to five USTs were formerly located on the subject property. Although, removed soil and/or groundwater samples were not collected at the time of removal;
- Numerous junk cars are located in the northern portion of the subject property. The current owner indicated that the junk cars were not drained of all their fluids prior to storage. The junk cars, as well as drums and other miscellaneous debris, are located on a gravel/grass surface;
- The subject property is contained on the Federal RCRA and FINDS lists as well as the State of Indiana MANIFEST list; and
- The presence of an oil change pit within the garage area, with oil staining on the pit floor and sidewalls.

2) Off-Site:

Recent environmental assessments of other historical industrial manufacturing facilities within the immediate area of the subject site (i.e., other historical Studebaker buildings, Allied Products, South Bend Stamping, South Bend Lathe, and Avanti Motors) have resulted in the identification of impacted soils and groundwater, with subsequent consideration of risk-based alternatives to minimize the potential for exposure, while allowing for commercial redevelopment. Such alternatives have included the excavation of impacted soils (to a depth of 24-inches, as necessary), and the implementation of Environmental Restrictive Covenants. It is also known that there exists a plume of chlorinated solvents (tetrachloroethylene) that continues to migrate through the former industrialized area (currently under further investigation); however, given the presence of municipal services (water and sanitary sewer) there is not a completed pathway for exposure at this time.

The regulatory database identified numerous facilities within the ASTM defined distances from the subject site, many of which were the previously identified manufacturing facilities for which Brownfield actions have taken by the City of South Bend have resulted in reuse/redevelopment (i.e., Studebaker Corridors, Oliver Plow). Other, smaller facilities were also identified in locations that are considered as being up gradient of the subject site, although it is unlikely that such facilities have been as significant in terms of their potential for environmental impact.

9.0 OPINION

9.1 Contaminant Migration

Releases on the subject site or on adjoining properties are likely to migrate vertically until contact with groundwater and then laterally in the down gradient direction. However, localized groundwater flow direction can differ from regional groundwater flow direction depending on the presence of significant subsurface features, extent of groundwater pumping conducted in close proximity of the site and seasonal precipitation levels. Jones Petrie Rafinski presumes that groundwater flow in the area will be consistent with area topography, flowing to the north/northeast, toward the St. Joseph River, located within approximately 1-mile of the subject site (north/northeast).

9.2 Evaluation of Identified Environmental Conditions

1) Subject Site:

While Wightman Petrie, as part of the Phase II Environmental Site Assessment in May 2012, completed the installation of soil borings and temporary groundwater wells, there remains a potential that contaminated soils could be present beneath the existing structure. It is also likely that the source of contamination beneath the structure would be related to the historical activities associated with auto/truck repair and service operations conducted within the building dating back to the mid 1960s. Jones Petrie Rafinski notes the one potential source of such contamination would be the existing oil change pit. With respect to such potential environmental concerns, the presence of the building itself should seek to minimize the extent of migration (i.e., cap to prevent downward movement). Furthermore, we note that heavy oils

tend to adsorb onto soil particles and therefore, are not considered to be extremely mobile within the subsurface environment.

These factors, coupled with the results of the Phase II Environmental Site Assessment which did not identify the presence of significant areas of contamination outside of the building footprint or within soils of the storage yard itself, would tend to indicate that contamination, if present, would likely be limited to "hot spots" that may be uncovered as part of the proposed demolition activity by the City of South Bend. If encountered, such "hot spot" contamination would be excavated with on-site equipment characterized as to the nature of contamination (sampling and analysis), and transported off-site for appropriate disposal.

2) Off-Site:

The potential for subsurface impacts to the subject site as a result of historical manufacturing operations in close proximity to the subject site have been documented by prior investigation of those specific sites. In most instances, review of the data by the Indiana Brownfields Program identified the level of remedial action necessary to minimize potential exposure pathways and allow for property redevelopment and reuse. Such actions have typically involved the removal of up to 24" of cover soils that were deemed as having been directly impacted by prior manufacturing (i.e., hot spot excavations), and an attachment of an Environmental Restrictive Covenant to the Property Deed. Such Environmental Restrictive Covenants generally prohibit the use of groundwater, prohibit agricultural use of the land, and prevents development of the property for residential uses. However, there remains a potential that continued plume migration (chlorinated solvents) throughout this former industrialized area could impact the subject site in the future. It should be noted that recent Phase II Environmental Site Assessments were performed in the immediate area of the site (northwest), as well as the subject site. Jones Petrie Rafinski notes that the municipal water and sanitary sewer services are available at the subject site.

The regulatory database identified numerous facilities within the ASTM defined distances from the subject site, many of which were the previously identified manufacturing facilities and/or the Brownfield actions taken by the City of South Bend for reuse and redevelopment of such sites (i.e., Studebaker Corridors, Oliver Plow). Other smaller facilities were also identified in locations that are considered as being up gradient of the subject site, although it is unlikely that such facilities have been as significant in terms of their potential for significant environmental impact.

10.0 CONCLUSIONS

Jones Petrie Rafinski (formerly known as Wightman Petrie) has completed a Phase I Environmental Site Assessment in conformance within the scope and limitations of ASTM Practice E 1527-05, for the Hamilton Body Shop located at 901-917 S. Lafayette Boulevard in South Bend, Indiana. The site consists of five adjoining land parcels that have historically been used by Hamilton Body Shop and Towing Service for fleet and maintenance operations, as well as storage of automobiles, trailers and machinery. According to records available from the St. Joseph County Tax Assessor, each of the five parcels that constitute the subject site is owned by Richard C. Hamilton. The City of South Bend, Department of Community Investment is in the process of acquiring the property for redevelopment purposes. However, based upon discussions with Mr. David Relos of the City of South Bend, terms of the sale will allow for Mr.

Hamilton to remain on the facility through June 2014, for the purpose of fulfilling his towing contracts. Jones Petrie Rafinski understands that such purchase by the City of South Bend is also based upon prior environmental due diligence, that included a November 2008 Phase I Environmental Site Assessment (performed by Wightman Environmental, Inc.) and a May 2012 Phase II Environmental Site Assessment (performed by Wightman Petrie), for which no significant environmental contamination outside of the building footprint was identified. We understand that the City of South Bend, intends to demolish the existing structure to allow for future redevelopment consistent with the City of South Bend's Master Plan for the area. Jones Petrie Rafinski was retained by the City of South Bend to perform Phase I Environmental Site Assessment for the subject site prior to the City of South Bend taking possession of the property.

The subject site consists of five (5) adjoining land parcels totaling approximately 0.93-acres of land. The southern three parcels have been developed with the 1960s construction of a single-story, concrete block building, with metal frame joists supporting a flat roof (approximately 7,420 sq. ft.). The floor of the structure has different elevations that support the presence of an oil change pit. North of the main structure is an approximate 1,312 sq. ft. paint shop, constructed of concrete block and metal frame that is primarily used for personal vehicles. To the north of the paint shop is an additional building (approximately 480 sq. ft.) used for storage and as a boiler room, constructed of concrete block and wood frame. The main structure is in fair condition; however, the paint shop and storage structures are in extremely poor condition, with significant roof leakages.

The 2008 Phase I Environmental Site Assessment identified the following Recognized Environmental Conditions:

- 1) The subject property has historically contained an automobile filling/service station and automobile junk yard. Various hazardous substances are associated with the prior and current Industrial/Commercial uses of the property;
- 2) Two large floor drains were observed in the maintenance building of the property. The current owner was unaware of the floor drains' point of discharge. Floor drains can act as direct pathways for contaminants to enter the soil and/or groundwater;
- 3) Four to five underground storage tank (UST) systems were formerly located on the property. It was unknown if the UST systems impacted the soil and/or groundwater at the site;
- 4) A vent pipe was identified exiting the ground in the northern portion of the property. A vent pipe indicates the possible presence of a UST or UST components in the subsurface;
- 5) Bulk storage of petroleum products were identified in the northern portion of the site. Three aboveground storage tank (AST) systems were in service;
- 6) Numerous junk cars are located within a fenced lot. The owner indicated that the junk cars were not drained of all their fluids prior to storage. The cars, as well as some drums and miscellaneous debris are located on a gravel/grass surface; and
- 7) The subject property is identified on the Resource Conservation and Recovery Act (RCRA) and Facility Index System (FINDS) list, as well as the Indiana Manifests List.

Based on the aforementioned, Wightman Environmental, Inc. recommended a Phase II Environmental Site Assessment inclusive of the sampling of soils and groundwater for the potential presence of contaminants of concern that included Volatile Organic Compounds (VOCs) and Polynuclear Aromatic Hydrocarbons (PAHs).

Accordingly, Wightman Petrie was retained by the City of South Bend to conduct such environmental assessment activity, the results of which were presented in their Phase II Environmental Site Assessment Report, dated May 4, 2012. For the subject site (901-917 S. Lafayette), a total of nine soil borings were installed using Geoprobe Technologies. Shallow soil samples were collected from four of the soil boring locations, none of which were reported as having VOCs or carcinogenic PAHs above laboratory detection limits. Similarly, three of four subsurface soil samples were reported at levels below laboratory detection limits for VOCs and cPAHs. However, for the lone soil boring for which cPAHs were reported (VOCs reported below laboratory detection limits), concentrations of cPAHs were well below RISC Residential Criteria. Groundwater samples were collected from three temporary Geoprobe wells were also reported with concentrations of VOCs and cPAHs below Risk Integrated System of Closure (RISC) Residential Criteria.

Please note that there were additional soil and groundwater samples collected from adjacent (down gradient) location across Lafayette Blvd. (second Hamilton facility at 910-912 S. Lafayette) also indicated VOCs and cPAHs to either be non-detect or below RISC Residential Criteria for surface and subsurface soils, as well as non-detect for three additional temporary Geoprobe groundwater samples. A ground penetrating radar survey did not identify the presence of any anomalies that would be constituent with the presence of any UST systems. Wightman Petrie notes that the owner had previously indicated the removal of all USTS from the site. Based upon the aforementioned findings, a recommendation for No Further Assessment was made, with the understanding that demolition of existing structures could result in the identification of "hot spots", which without demolition, would not have been readily noted due to the presence of existing poured concrete slabs, or other historical construction activity.

With respect to the current Phase I Environmental Site Assessment, no additional Recognized Environmental Conditions (RECs) were identified from those previously noted in the 2008 Phase I ESA effort. Indeed, there have been no substantial changes in operation from those previously documented. Jones Petrie Rafinski notes that at the time of the current site visit there was only one AST continuing to be used at the facility, and painting as a part of Body Shop services had been essentially eliminated personal vehicles only with the knowledge of impending closure. No additional recommendations for conducting a Phase II Environmental Site Assessment are warranted at this time.

Adjacent Historical Property Use: The area of the subject site has historically been used for heavy industrial manufacturing purposes. Although many of these facilities have since been demolished, environmental investigations have identified contamination as being present in both soils and groundwater. Jones Petrie Rafinski notes that the City of South Bend has worked effectively with the Indiana Brownfields Program to address any immediate risks to public health. There is documentation that confirms the presence of a contaminant plume (chlorinated solvents) migrating through the industrialized area. While groundwater sampling as a part of the Phase II Site Assessment of the subject site did not indicate the presence of groundwater impacts, there is a potential for future impact as a direct result of the continued migration of contaminants from these historically industrialized areas.

11.0 DEVIATION AND DATA GAPS

There were no significant deviations from the ASTM Standard for the completion of this Phase I Environmental Site Assessment.

12.0 ADDITIONAL SERVICES

Jones Petrie Rafinski was not contracted by the City of South Bend to perform additional services relative to the assessment of the existing structure for the presence of asbestos-containing materials, lead-based paint, lead-in-water, radon, etc.

13.0 REFERENCES

Historical Sanborn Fire Insurance Maps dated 1891, 1893, 1899, 1917, 1949 and 1980 were available in the area of the subject site according to a search by Environmental Data Resources (EDR, Inc. of Milford Ct), owners of the Sanborn Fire Insurance Map collection.

Polk Directories for South Bend/Mishawaka, dated 1932, 1938, 1945, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005, 2010 and 2011, available for review at the South Bend County Public Library, Elkhart, Indiana;

Aerial Photographs, dated 1952, 1967, 1975, 1977, 1981, 1986, 1992, 1998, 2005, 2006 and 2007, as provided by Environmental Data Resources (EDR), Milford, CT;

Tax Assessor Property Cards for the respective Parcel Numbers available from the St. Joseph County Tax Assessor's Office, via the Michiana Area Council of Government, Geographic Information System (macoggis.com);

USGS Topographic Map, "South Bend West" Quadrangle, dated 1986, available from Environmental Data Resources, Inc. (EDR).

Parcel #71-08-13-101-001.000-026 - Corporate Warranty Deed, dated December 5, 1989, conveying property identified as 802 S. Lafayette (Key No. 18-8002-0094) from Gafill Projects, Inc. to Hamilton Body Shop, Inc., as recorded by the Recorder of St. Joseph County on December 11, 1989 (Document # 8933044);

Parcel #71-08-13-101-002.000-026 - Co-Personal Representative's Deed, dated January 5, 2000, conveying property identified as the vacant lot south of 915 S. Lafayette (Key No. 18-8002-0096) from Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, to Richard C. Hamilton, as recorded by the Recorder of St. Joseph County on January 5, 2000 (Document # 0000826);

Parcel #71-08-13-101-003.000-026 - Co-Personal Representative's Deed, dated August 27, 1998, conveying property identified as 915-917 S. Lafayette (Key No. 18-8002-0097) from Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, to Richard C. Hamilton, as recorded by the Recorder of St. Joseph County on August 27, 1998 (Document # 9844959);

Parcel #71-08-13-101-004.000-026 – Co-Personal Representative’s Deed, dated January 5, 2000, conveying property identified as the Lafayette Blvd. (Key No. 18-8002-0098) from Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, to Richard C. Hamilton, as recorded by the Recorder of St. Joseph County on January 5, 2000 (Document # 0000822); and

Parcel #71-08-13-101-005.000-026 – Co-Personal Representative’s Deed, dated January 5, 2000, conveying property identified as the Vacant Lafayette Blvd. (Key No. 18-8002-0099) from Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, to Richard C. Hamilton, as recorded by the Recorder of St. Joseph County on January 5, 2000 (Document # 0000823).

Publications:

Beaty, Judith E., and Clendenon, Cynthia J., eds., 1987, *Water Resource Availability in the St. Joseph River Basin, Indiana*, dated 1987, published by the State of Indiana, Department of Natural Resources, Division of Water, Water Resource Assessment;

Fenelon, J. M., *Hydrogeologic Atlas of Aquifers in Indiana. U. S. Geologic Survey Water-Resources Investigations Report 92-4142*. United States Geologic Survey, Indianapolis, Indiana, 1994.

Gray, Henry H., et al, *Bedrock Geologic Map of Indiana*, Indiana Geological Survey, Indiana Department of Natural Resources, Bloomington, Indiana, Map, 1987.

Gray, Henry H., *Quaternary Geologic Map of Indiana*, Indiana Geological Survey, Indiana Department of Natural Resources, Bloomington, Indiana, Map, 1989.

Soil Survey of St Joseph County, Indiana, United States Department of Agriculture, Soil Conservation Service, in cooperation with the Purdue University Agricultural Experiment Station and the Indiana Department of Natural Resources, Indianapolis, Indiana, November 1977.

14.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

As required by Section 12.13 of ASTM E1527 -05, Jones Petrie Rafinski provides the following declarations:

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professionals responsible for conducting this Phase I Environmental Site Assessment and preparation of this Report.

We have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property.

We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.


Conley B. Phifer, CHMM


Brittany R. Covault, Project Engineer

H:\2013_Projects\2013-5009\2013-2-8 PH I ESA Update Hamilton Towing .docx

15.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Conley B. Phifer, CHMM

Environmental Department Manager

Professional Registrations: Certified Hazardous Materials Manager (CHMM)

Professional Certifications: 40-hour HAZWOPER Training
30-hour OSHA General Industry
Certified Asbestos Inspector (IN)
Certified UST Decommissioning (IN)

Education: Purdue University – B.S. – Environmental Health
University of Pittsburgh – M.S. – Industrial Hygiene

Experience:

Over 28 years of broad based environmental consulting experience, six of which have been with Jones Petrie Rafinski in the capacity of Environmental Department Manager. Prior to rejoining Jones Petrie Rafinski, Conley formed and served as President of Phifer Environmental Services, LLC, which specialized in providing environmental due diligence in support of real estate transfers, Brownfield Site Assessments, UST and RCRA Closure activities.

Prior to returning to the South Bend area (2002), Conley served as the Environmental Department Manager with the Atlanta office of a national environmental consulting firm, having charge of fifteen environmental professionals responsible for environmental due diligence (Phase I/II), UST closure, RCRA Closure and environmental remediation.

Mr. Phifer also served as the Regional Manager (supervised 40 environmental professionals in three offices) in support of EPA Region IV Emergency Response for hazardous material releases, and sites for which contamination had been identified. He has served as Project Manager for numerous National Priority List (NPL) Sites for completion of Remedial Investigation/Feasibility Studies (RI/FS) to evaluate remediation alternatives, Remedial Action and Design (RA/RD) for the implementation of a selected alternative.

With Jones Petrie Rafinski Mr. Phifer served as Project Manager for the completion of an EPA administered Petroleum Block Grant for providing assessment of abandoned gasoline service stations, with subsequent removal and closure of UST systems (total of 16 USTs) at three locations. Overall, Conley has participated and/or managed more than 1,200 Phase I & Phase II Environmental Assessments.

AREAS OF EXPERTISE

- ♦ Environmental Due Diligence in Support of Real Estate Sale/Transfer (Phase I/II Site Assessments)
- ♦ Underground Storage Tank Removal/Closure
- ♦ Asbestos Containing Material Surveys
- ♦ Industrial Hygiene Sampling for Air Toxics
- ♦ Soil and Groundwater Assessment for Contamination
- ♦ Evaluation of Remedial Action Alternatives
- ♦ Implementation of Remedial Action
- ♦ Brownfield Site Assessment

Brittany R. Covault

Graduate Engineer

Professional Certifications: 40-hour HAZWOPER Training
Certified Asbestos Inspector (IN)

Education: Trine University – B.S. – Civil Engineering
Minor – Environmental Engineering

Experience:

Following graduation in May 2011, Ms. Covault began working with Jones Petrie Rafinski (JPR), formerly Wightman Petrie as a Graduate Engineer in various areas including water resources, transportation, and environmental concerns.

Ms. Covault has experience reviewing regulatory databases for potential environmental concerns, and determining significant impacts that those concerns may have on a site. She also has experience in assessing the physical setting and hydrology of sites based on topography and drainage patterns.

Prior to graduation Ms. Covault worked with Wightman Jones as an intern where she learned the basis and techniques of surveying.

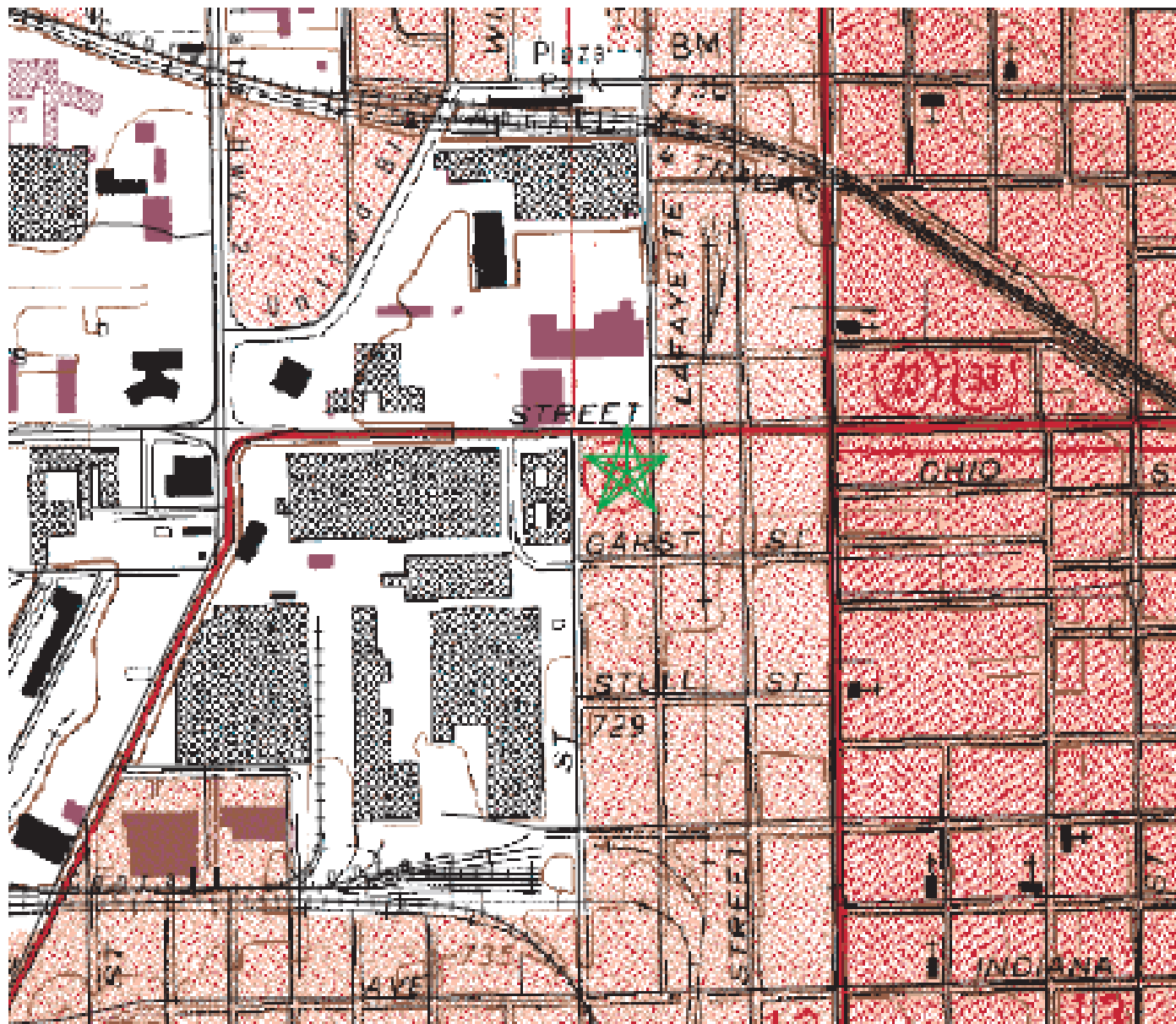
Ms. Covault has a broad variety of experience within the field of environmental and civil engineering.

AREAS OF EXPERIENCE

- ♦ Phase I Environmental Site Assessments
- ♦ Asbestos Containing Material Surveys
- ♦ Sanitary Sewer Projects
- ♦ Site Developments
- ♦ Erosion Control Plans and Permitting
- ♦ Water Main Extension Permitting
- ♦ Soil Boring Logs
- ♦ Lift Station Designs

Appendix A

Figures

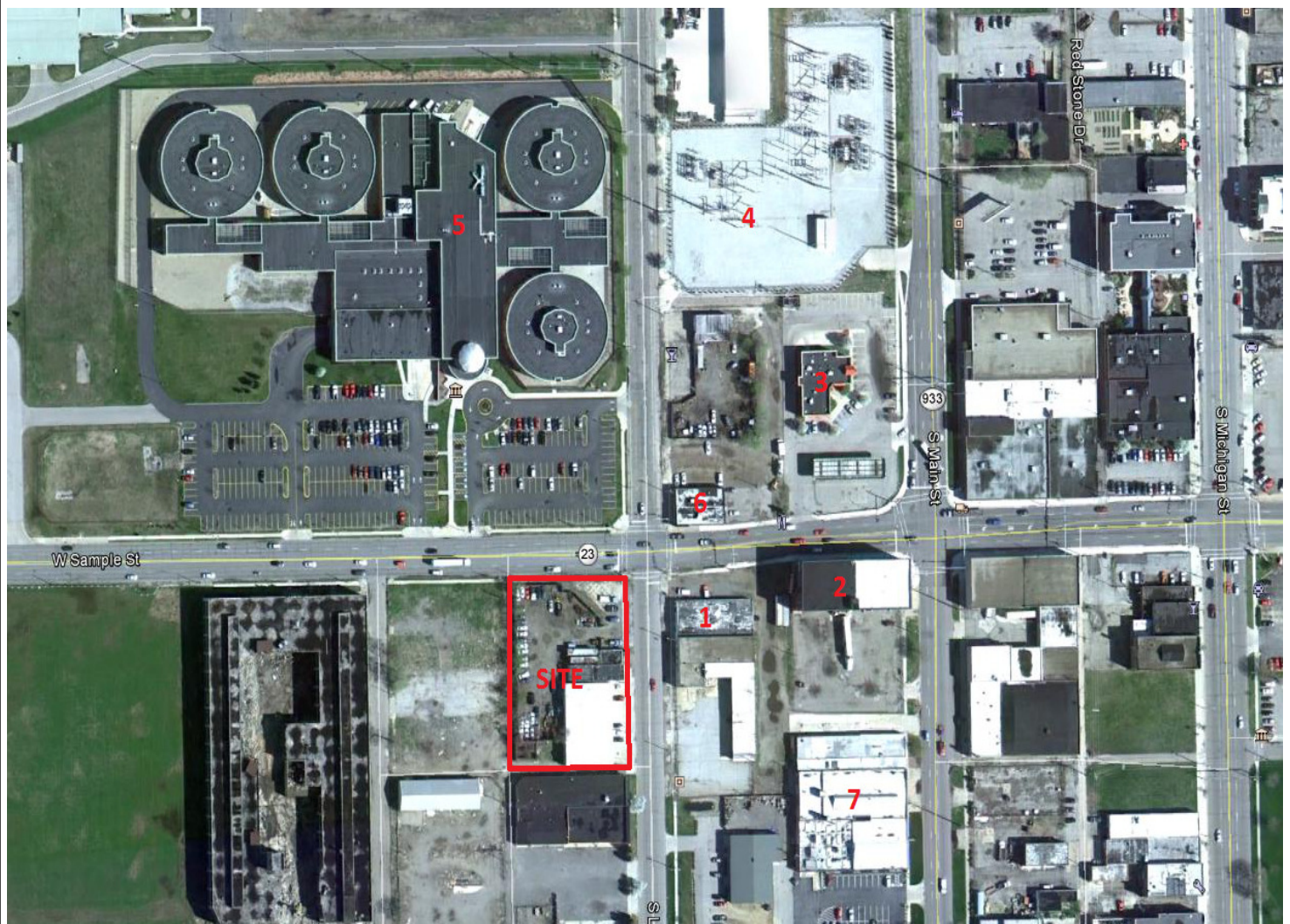


Date: January 21, 2013	Project: Hamilton Towing 917 S. LaFayette Boulevard South Bend, Indiana	Drawn By: IGV
Scale: Not Shown		Approved By: CBP
Source: USGS Quad	Project No. 2013-5009	Figure 1 – Site Location



412 S. Lafayette Blvd
 South Bend, IN 46601
 Telephone 574-232-4388
 Fax 574-232-4333

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LEGEND

- 1) Hamilton Towing – 910 S. Lafayette Blvd.
- 2) Kar, LLC – 901 S. Main St.
- 3) One Stop #79 – 825 S. Main St.
- 4) Indiana Michigan Power – 700 S. Lafayette Blvd.
- 5) St. Joseph County Jail – 701 W. Sample St.
- 6) Dew Drop Restaurant and Lounge – 822 S. Lafayette Blvd.
- 7) United Coating Technologies – 1011 S. Main St.

Date: February 5, 2013	Project: Hamilton Body Shop 917 S. Lafayette Blvd. South Bend, Indiana	Drawn By: BRC
Scale: Not Shown		Approved By: CBP
Source: Bourbon, IN Quad (1994)	Project No. 2013-5012	Figure 1 – Area Property Use

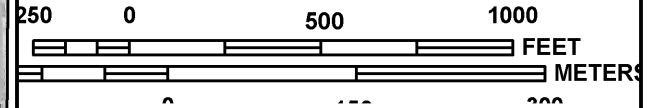


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 South Bend, IN 46601
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 Fax 574-232-4333

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MAP SCALE 1" = 500'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0192D

FIRM

**FLOOD INSURANCE RATE MAP
ST JOSEPH COUNTY,
INDIANA
AND INCORPORATED AREAS**

PANEL 192 OF 500

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
SOUTH BEND, CITY OF	180231	0192	D

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



**MAP NUMBER
18141C0192D
EFFECTIVE DATE
JANUARY 6, 2011**

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



U.S. Fish and Wildlife Service

National Wetlands Inventory

Figure 4 - Hamilton
Body Shop

Jan 30, 2013



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

Appendix B

Photographic Documentation



Northeast Adjacent Property



North/Northwest Adjacent Property



Southeast Adjacent Property



Eastern Adjacent Property



Western Adjacent Property (Vacant)



Intersection of West Sample and South Lafayette



South Lafayette Boulevard with Electrical Lines on the East Side



Western Fence Line of Property



Eastern Side of Main Structure



Storage Structure



Empty AST in Junkyard



Debris in Junkyard



Junkyard with Automobile Storage



Piles of Used Tires



West Side of Main Structure



Air Compressor inside Storage Structure



Boiler in Storage Structure



Paint Shop Structure



Paint Storage



Paint Mixing Room



Paint Booth



Water Damage in Paint Shop Structure



Office Area in Main Structure



Electrical Switch Boards in Main Structure



Water Heater in Main Structure



Bathroom Floor Drain



Oil Changing Pit



Oil Staining with Floor Dry



Floor Drains



Maintenance Equipment Storage



Tire and Equipment Storage



Tow Fleet Storage/Parking

Appendix C

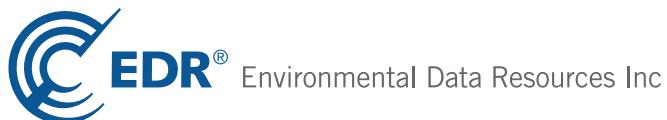
Regulatory Database

Hamilton Towing

917 S. Lafayette Blvd.
South Bend, IN 46601

Inquiry Number: 03498462.2r
January 18, 2013

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

917 S. LAFAYETTE BLVD.
SOUTH BEND, IN 46601

COORDINATES

Latitude (North): 41.6646000 - 41° 39' 52.56"
Longitude (West): 86.2538000 - 86° 15' 13.68"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 562123.9
UTM Y (Meters): 4612594.0
Elevation: 728 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 41086-F3 SOUTH BEND WEST, IN
Most Recent Revision: 1986

East Map: 41086-F2 SOUTH BEND EAST, IN
Most Recent Revision: 1995

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
HAMILTON BODY SHOP INC 917 S LAFAYETTE BLVD SOUTH BEND, IN 46601	RCRA-CESQG FINDS MANIFEST	IND016626210

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Permitted Solid Waste Facilities

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
DEL SHWS..... Deleted Commissioner's Bulletin Sites List
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Spills Incidents

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
RMP..... Risk Management Plans
NPDES..... NPDES Permit Listing
UIC..... UIC Site Listing
BULK..... Registered Bulk Fertilizer and Pesticide Storage Facilities
DRYCLEANERS..... Drycleaner Facility Listing
AIRS..... Permitted Sources & Emissions Listing
TIER 2..... Tier 2 Facility Listing
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
EPA WATCH LIST..... EPA WATCH LIST

EXECUTIVE SUMMARY

US FIN ASSUR.....	Financial Assurance Information
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH.....	Coal Ash Disposal Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
Financial Assurance.....	Financial Assurance Information Listing
PRP.....	Potentially Responsible Parties
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH DOE.....	Steam-Electric Plant Operation Data

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 11/02/2012 has revealed that there are 2 CERCLIS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SOUTH BEND LATHE</i>	<i>400 W. SAMPLE ST.</i>	<i>WNW 0 - 1/8 (0.068 mi.)</i>	<i>A4</i>	<i>22</i>
AVANTI	765 SOUTH LAFAYETTE BLV	N 1/8 - 1/4 (0.155 mi.)	C17	54

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 11/02/2012 has revealed that there are

EXECUTIVE SUMMARY

2 CERC-NFRAP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTH BEND STAMPING	601 WEST BROADWAY ST.	S 1/4 - 1/2 (0.323 mi.)	G33	88

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INDUSTRIAL FUELS & RESOURCES C	604 SOUTH SCOTT STREET	NW 1/4 - 1/2 (0.412 mi.)	J46	116

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 08/19/2011 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INDUSTRIAL FUELS & RESOURCES C	604 SOUTH SCOTT STREET	NW 1/4 - 1/2 (0.412 mi.)	J46	116

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 09/11/2012 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INDUSTRIAL FUELS & RESOURCES C	604 SOUTH SCOTT STREET	NW 1/4 - 1/2 (0.412 mi.)	J46	116

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/11/2012 has revealed that there are 7 RCRA-CESQG sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ZIOLKOWSKI CONSTRUCTION INC	1005 S LAFAYETTE BLVD	SE 0 - 1/8 (0.035 mi.)	2	10
UNITED COATINGS TECHNOLOGIES	1011 S MAIN ST	ESE 0 - 1/8 (0.112 mi.)	11	39
MICHIANA TRANSMISSION	902 S MICHIGAN	ENE 1/8 - 1/4 (0.196 mi.)	D21	65
ENYART ELECTRIC MOTOR SVC	122 E SAMPLE ST	ENE 1/8 - 1/4 (0.219 mi.)	D22	68
SHERWIN WILLIAMS STORE 1005	1220 S MAIN ST	SSE 1/8 - 1/4 (0.242 mi.)	23	72
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STUDEBAKER AREA A DEMOLITION P	400 W SAMPLE ST	WNW 0 - 1/8 (0.068 mi.)	A6	28
RINK PRINTING CO INC	814 S MAIN ST	NE 1/8 - 1/4 (0.141 mi.)	B14	45

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Management's List of Hazardous Waste Response Sites Scored Using the Indiana Scoring Model.

A review of the SHWS list, as provided by EDR, and dated 03/01/2007 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AVANTI INDUSTRIAL	765 SOUTH LAFAYETTE ROA	N 1/8 - 1/4 (0.154 mi.)	C15	51

State and tribal leaking storage tank lists

LUST: Lust List.

A review of the LUST list, as provided by EDR, and dated 11/15/2012 has revealed that there are 14 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JERRY'S U-SERV INC	1130 S MAIN ST	SE 1/8 - 1/4 (0.162 mi.)	20	64
Description: NFA-UST Branch Guidance Manual				
Description: Active				
S MICHIGAN U HAUL CENTER VACAN	1120 S MICHIGAN	SE 1/8 - 1/4 (0.245 mi.)	24	75
Description: NFA-UST Branch Guidance Manual				
ALLIED PRODUCTS CORPORATION	601 W BROADWAY	S 1/4 - 1/2 (0.323 mi.)	G35	105
Description: NFA-UST Branch Guidance Manual				
ECKLER LAHEY LUMBER COMPANY	1406 S FRANKLIN ST	S 1/4 - 1/2 (0.330 mi.)	G37	106
Description: NFA-RISC residential soil & Industrial groundwater				
OLD FORT BUILDING SUPPLY	1401 S MAIN	SSE 1/4 - 1/2 (0.340 mi.)	38	107
Description: Discontinued (active)				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONE STOP #79	815 S MAIN ST	NE 1/8 - 1/4 (0.140 mi.)	B13	44
Description: NFA-RISC residential soil only				

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN SHOUP Description: NFA-UST Branch Guidance Manual	716 S MAIN ST	NNE 1/8 - 1/4 (0.249 mi.)	25	76
MUNICIPAL SERVICES FACILITY Description: NFA-UST Branch Guidance Manual	701 W SAMPLE ST	W 1/4 - 1/2 (0.296 mi.)	F31	84
ZIKER CLEANERS INC Description: NFA-RISC industrial soil and ground water	247-251 E SAMPLE	E 1/4 - 1/2 (0.340 mi.)	H39	107
VACANT BUILDING Description: NFA-UST Branch Guidance Manual	613 S MICHIGAN	NNE 1/4 - 1/2 (0.382 mi.)	I42	114
DREISBACH CAD OLDS GMC TRUCK I Description: NFA-UST Branch Guidance Manual	602 S MICHIGAN ST	NNE 1/4 - 1/2 (0.392 mi.)	I43	114
AMERICAN HI-LIFT (VACANT) Description: NFA-UST Branch Guidance Manual	828 KERR ST	W 1/4 - 1/2 (0.410 mi.)	44	115
UNITED PARCEL SERVICE (UPS) Description: Discontinued (active)	607 S SCOTT	NW 1/4 - 1/2 (0.412 mi.)	J48	228
RAITT CORPORATION Description: NFA-UST Branch Guidance Manual	815 W SAMPLE ST	W 1/4 - 1/2 (0.446 mi.)	50	229

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Management's Indiana Registered Underground Storage Tanks list.

A review of the UST list, as provided by EDR, and dated 10/15/2012 has revealed that there are 9 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ZIOLKOWSKI CONSTRUCTION INC	1005 S LAFAYETTE BLVD	SE 0 - 1/8 (0.035 mi.)	2	10
CITY OF SOUTH BEND	225 W GARST ST	SE 0 - 1/8 (0.106 mi.)	9	38
OLINGER DISTRIBUTING CO INC	922 S MAIN ST	ENE 0 - 1/8 (0.111 mi.)	10	39
JERRY'S U-SERV INC	1130 S MAIN ST	SE 1/8 - 1/4 (0.162 mi.)	20	64
ENYART ELECTRIC MOTOR SVC	122 E SAMPLE ST	ENE 1/8 - 1/4 (0.219 mi.)	D22	68
S MICHIGAN U HAUL CENTER VACAN	1120 S MICHIGAN	SE 1/8 - 1/4 (0.245 mi.)	24	75

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTH BEND LATHE	400 W SAMPLE ST	WNW 0 - 1/8 (0.068 mi.)	A5	27
ONE STOP #79	815 S MAIN ST	NE 1/8 - 1/4 (0.140 mi.)	B13	44
JOHN SHOUP	716 S MAIN ST	NNE 1/8 - 1/4 (0.249 mi.)	25	76

State and tribal institutional control / engineering control registries

AUL: A listing of Comfort/Site Status Letter sites that have been issued with Institutional Controls.

A review of the AUL list, as provided by EDR, and dated 11/05/2012 has revealed that there are 2 AUL

EXECUTIVE SUMMARY

sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STUDEBAKER BUILDING #69	730 UNITED DR	NW 1/4 - 1/2 (0.311 mi.)	32	86
ZIKER CLEANERS INCORPORATED	251 E SAMPLE ST	E 1/4 - 1/2 (0.342 mi.)	H40	108

State and tribal voluntary cleanup sites

VCP: Department of Environmental Management's current list of Voluntary Remediation Program sites that are no longer confidential.

A review of the VCP list, as provided by EDR, and dated 01/01/2012 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ST JOSEPH CO HOUSEHOLD HAZ WST	701 W SAMPLE	W 1/4 - 1/2 (0.296 mi.)	F30	81
MECHANIC'S LAUNDRY	835 PRAIRIE AVE	WNW 1/4 - 1/2 (0.345 mi.)	41	113

State and tribal Brownfields sites

BROWNFIELDS: >A brownfield site is an industrial or commercial property that is abandoned, inactive, or underutilized, on which expansion or redevelopment is complicated due to the actual or perceived environmental contamination.

A review of the BROWNFIELDS list, as provided by EDR, and dated 12/04/2012 has revealed that there are 5 BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AMERICAN MEDICAL OXYGEN SALES	228 W BROADWAY	SSE 1/4 - 1/2 (0.326 mi.)	36	106
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DESIGN PKG, LLC/TRANSWESTERN	700 S LAFAYETTE ST	N 1/8 - 1/4 (0.250 mi.)	26	77
D & L INDUSTRIAL FINISHES	730-736 S MICHIGAN ST	NE 1/4 - 1/2 (0.280 mi.)	E28	79
STUDEBAKER BUILDING #69	730 UNITED DR	NW 1/4 - 1/2 (0.311 mi.)	32	86
MILLENIUUM ENVIRONMENTAL	604 S SCOTT ST	NW 1/4 - 1/2 (0.412 mi.)	J45	115

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/10/2012 has revealed that there

EXECUTIVE SUMMARY

are 3 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER SOUTH BEND STAMPING PLA	601 W. BROADWAY AVENUE	S 1/4 - 1/2 (0.323 mi.)	G34	88

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
730 - 736 SOUTH MICHIGAN STREE	730 - 736 SOUTH MICHIGA	NE 1/4 - 1/2 (0.280 mi.)	E29	79
1100 PRAIRIE - FORMER FOUNDRY	1100 PRAIRIE AVENUE	WSW 1/4 - 1/2 (0.455 mi.)	51	230

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities located in the state of Indiana.

A review of the SWRCY list, as provided by EDR, and dated 10/26/2009 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTH BEND WASTE PAPER	1519 FRANKLIN ST.	S 1/4 - 1/2 (0.413 mi.)	49	229

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/11/2012 has revealed that there are 5 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INDOT	US 31 BYPASS 110 MI N S	E 1/8 - 1/4 (0.136 mi.)	12	41

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTH BEND TOY INC	404 W SAMPLE ST	WNW 0 - 1/8 (0.071 mi.)	A7	34
N A B BUILDING CO	765 S LAFAYETTE ST	N 1/8 - 1/4 (0.154 mi.)	C16	52
ABN MOTOR CORP	765 S LAFAYETTE BLVD	N 1/8 - 1/4 (0.155 mi.)	C18	59
ABN MOTOR CORP	765 S LAFAYETTE	N 1/8 - 1/4 (0.155 mi.)	C19	62

MANIFEST:

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2010 has revealed that there are 12 MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ZIOLKOWSKI CONSTRUCTION INC	1005 S LAFAYETTE BLVD	SE 0 - 1/8 (0.035 mi.)	2	10
INDOT	US 31 BYPASS 110 MI N S	E 1/8 - 1/4 (0.136 mi.)	12	41
MICHIANA TRANSMISSION	902 S MICHIGAN	ENE 1/8 - 1/4 (0.196 mi.)	D21	65
ENYART ELECTRIC MOTOR SVC	122 E SAMPLE ST	ENE 1/8 - 1/4 (0.219 mi.)	D22	68

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SHERWIN WILLIAMS STORE 1005</i>	<i>1220 S MAIN ST</i>	<i>SSE 1/8 - 1/4 (0.242 mi.)</i>	<i>23</i>	<i>72</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>STUDEBAKER AREA A DEMOLITION P</i>	<i>400 W SAMPLE ST</i>	<i>WNW 0 - 1/8 (0.068 mi.)</i>	<i>A6</i>	<i>28</i>
<i>SOUTH BEND TOY INC</i>	<i>404 W SAMPLE ST</i>	<i>WNW 0 - 1/8 (0.071 mi.)</i>	<i>A7</i>	<i>34</i>
<i>FORMER STUDEBAKER ENGINEERING</i>	<i>414 W SAMPLE ST</i>	<i>WNW 0 - 1/8 (0.076 mi.)</i>	<i>A8</i>	<i>37</i>
<i>RINK PRINTING CO INC</i>	<i>814 S MAIN ST</i>	<i>NE 1/8 - 1/4 (0.141 mi.)</i>	<i>B14</i>	<i>45</i>
<i>N A B BUILDING CO</i>	<i>765 S LAFAYETTE ST</i>	<i>N 1/8 - 1/4 (0.154 mi.)</i>	<i>C16</i>	<i>52</i>
<i>ABN MOTOR CORP</i>	<i>765 S LAFAYETTE BLVD</i>	<i>N 1/8 - 1/4 (0.155 mi.)</i>	<i>C18</i>	<i>59</i>
<i>ABN MOTOR CORP</i>	<i>765 S LAFAYETTE</i>	<i>N 1/8 - 1/4 (0.155 mi.)</i>	<i>C19</i>	<i>62</i>

SCP: The goals for the State Cleanup Section are to mitigate risk to human health and the environment.

A review of the SCP list, as provided by EDR, and dated 12/04/2012 has revealed that there are 5 SCP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>Not reported</i>	<i>301 W SAMPLE</i>	<i>NNE 0 - 1/8 (0.041 mi.)</i>	<i>3</i>	<i>22</i>
<i>SIBLEY MACHINE & FOUNDRY CORPO</i>	<i>206 E TUTT ST</i>	<i>ENE 1/4 - 1/2 (0.278 mi.)</i>	<i>27</i>	<i>77</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>ABN MOTOR CORP</i>	<i>765 S LAFAYETTE BLVD</i>	<i>N 1/8 - 1/4 (0.155 mi.)</i>	<i>C18</i>	<i>59</i>
<i>STUDEBAKER BUILDING #69</i>	<i>730 UNITED DR</i>	<i>NW 1/4 - 1/2 (0.311 mi.)</i>	<i>32</i>	<i>86</i>
<i>MEI</i>	<i>604 SOUTH SCOTT ST.</i>	<i>NW 1/4 - 1/2 (0.412 mi.)</i>	<i>J47</i>	<i>228</i>

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within approximately 1 mile of the target property.

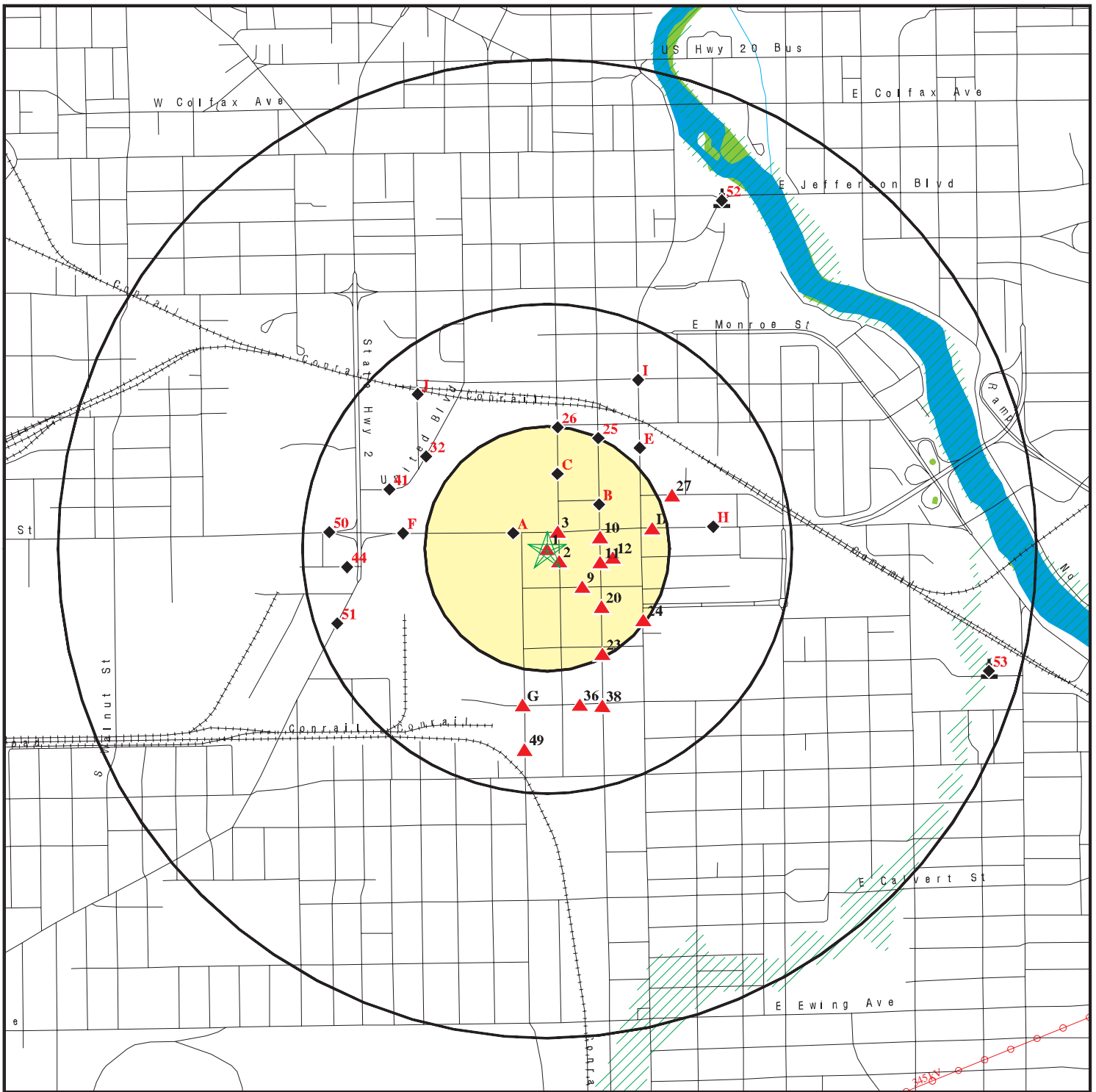
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SOUTH BEND NEW MGP PLANT</i>	<i>301 E JEFFERSON ST</i>	<i>NNE 1/2 - 1 (0.797 mi.)</i>	<i>52</i>	<i>236</i>
<i>NIPSCO- SOUTH BEND MGP</i>	<i>1039 E PENNSYLVANIA</i>	<i>ESE 1/2 - 1 (0.937 mi.)</i>	<i>53</i>	<i>236</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 15 records.

<u>Site Name</u>	<u>Database(s)</u>
AMERIGAS	SWRCY SPILLS, SCP SPILLS, SCP SCP
MACALLISTER MACHINERY CO. CHIPPEWA AVENUE WELL FIELD MAIN & WESTERN VACANT LOT RAILROAD PROPERTY SOUTH BEND AVENUE SITE TREE BURNING SITE SOUTH BEND OLIVE ST WELL FIELD	SHWS BROWNFIELDS BROWNFIELDS CERC-NFRAP CERC-NFRAP CERC-NFRAP LUST, SPILLS LUST, UST
SPEEDWAY #8532 CITY OF SOUTH BEND STUDEBAKER AREA A STUDEBAKER/OLIVER AREAS A, B, C	UST VCP VCP

OVERVIEW MAP - 03498462.2r



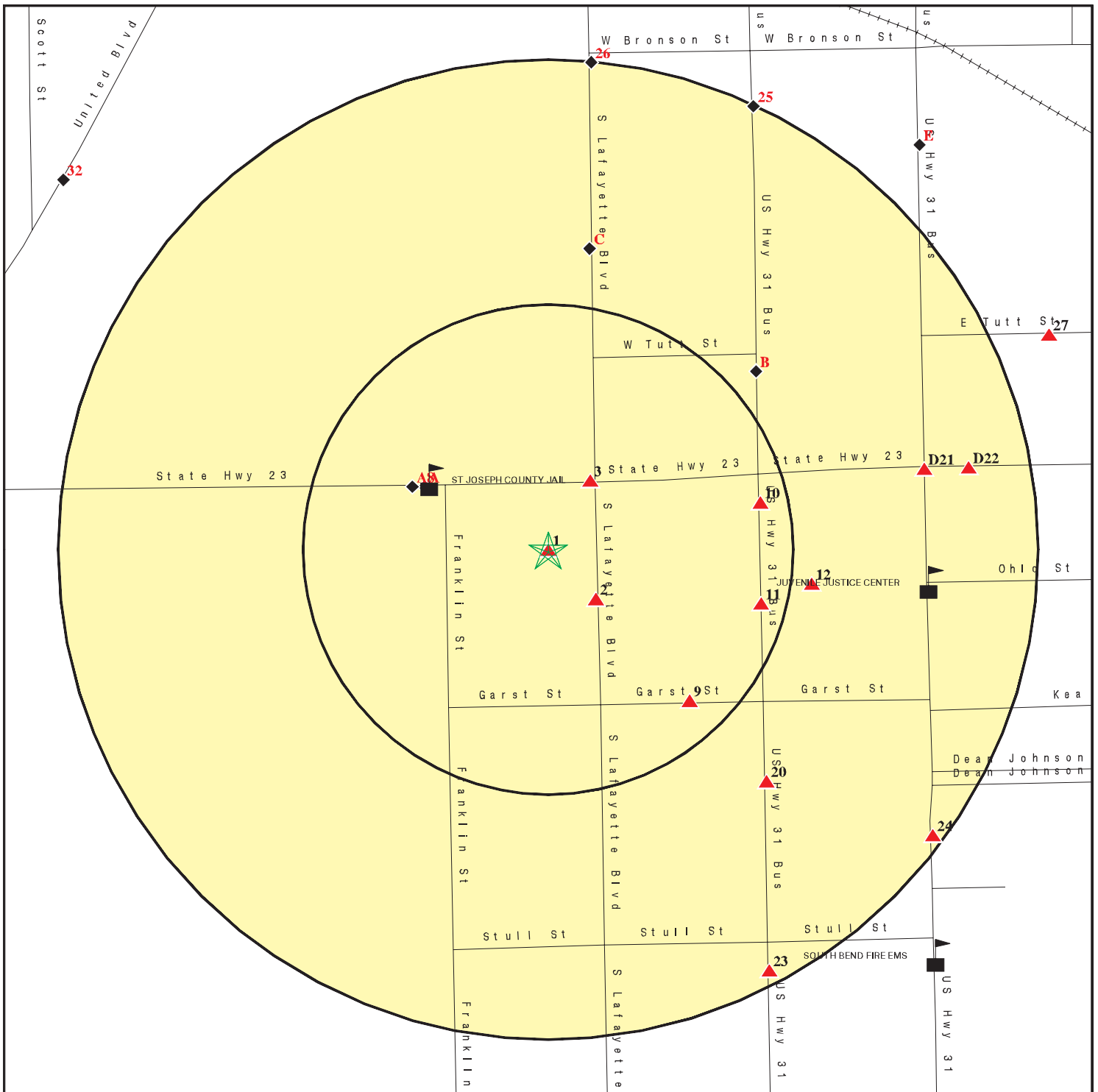
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- ▨ Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Hamilton Towing
 ADDRESS: 917 S. Lafayette Blvd.
 South Bend IN 46601
 LAT/LONG: 41.6646 / 86.2538

CLIENT: Jones Petrie Rafinski
 CONTACT: Brittany Covault
 INQUIRY #: 03498462.2r
 DATE: January 18, 2013 3:00 pm

DETAIL MAP - 03498462.2r



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- ▨ Indian Reservations BIA
 - ▨ Oil & Gas pipelines from USGS
 - ▨ 100-year flood zone
 - ▨ 500-year flood zone
- 0 1/16 1/8 1/4 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Hamilton Towing
 ADDRESS: 917 S. Lafayette Blvd.
 South Bend IN 46601
 LAT/LONG: 41.6646 / 86.2538

CLIENT: Jones Petrie Rafinski
 CONTACT: Brittany Covault
 INQUIRY #: 03498462.2r
 DATE: January 18, 2013 3:02 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		1	1	0	NR	NR	2
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	2	NR	NR	2
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	1	0	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	1	NR	NR	1
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250	1	3	4	NR	NR	NR	8
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	1	0	0	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	4	10	NR	NR	14
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250		4	5	NR	NR	NR	9

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	2	NR	NR	2
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	2	NR	NR	2
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	1	4	NR	NR	5
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	3	NR	NR	3
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	4	NR	NR	NR	5
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
BULK	0.250		0	0	NR	NR	NR	0
MANIFEST	0.250	1	4	8	NR	NR	NR	13
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
SCP	0.500		1	1	3	NR	NR	5
US AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	2	NR	2
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
Target
Property

HAMILTON BODY SHOP INC
917 S LAFAYETTE BLVD
SOUTH BEND, IN 46601

RCRA-CESQG
FINDS
MANIFEST

1000464193
IND016626210

Actual:
728 ft.

RCRA-CESQG:

Date form received by agency: 03/01/2002
Facility name: HAMILTON BODY SHOP INC
Facility address: 917 S LAFAYETTE BLVD
SOUTH BEND, IN 46618
EPA ID: IND016626210
Contact: RICHARD HAMILTON
Contact address: 917 S LAFAYETTE BLVD
SOUTH BEND, IN 46618
Contact country: US
Contact telephone: (219) 289-6222
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HAMILTON RICK
Owner/operator address: 917 S LAFAYETTE BLVD
SOUTH BEND, IN 46618

Owner/operator country: Not reported
Owner/operator telephone: (219) 239-6222
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAMILTON BODY SHOP INC (Continued)

1000464193

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/14/1986
Facility name: HAMILTON BODY SHOP INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110006410160

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAMILTON BODY SHOP INC (Continued)

1000464193

Environmental Interest/Information System

IN-FRS (Indiana - Facility Registry System). The Indiana Department of Environmental Management (I-DEM) has implemented the Indiana-Facility Registry System (I-FRS). The I-FRS provides the interface and processes to link facility data monitored by multiple State and EPA program systems. In addition, I-FRS enables IDEM to reconcile environmental data and exchange it with EPA FRS using the electronic data exchange over the Network Node.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IN MANIFEST:

EPA ID: IND016626210
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: IND016626210
Generator Type: CEG
Generator Status: Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: 917 S LAFAYETTE BLVD
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46618
Contact Last Name: HAMILTON
Contact First Name: RICHARD
Contact Telephone: 574-239-6222
Contact Type: B

Receiver Records:

Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HAMILTON BODY SHOP INC (Continued)

1000464193

Number Of TSD Facilities: Not reported
 Waste Codes on Page Number: Not reported
 Waste Code: Not reported
 Tons Of Waste Shipped Year: Not reported
 TSD Facility EPA ID: Not reported
 TSD Name: Not reported
 Facility Address 2: Not reported

Transporter Records:

Report Year: Not reported
 Generator EPA ID: Not reported
 Page Number of Report: Not reported
 TSD EPA Id: Not reported
 Num Of Transporters Used: Not reported

EPA ID: IND016626210
 Year: Not reported
 Tons Generated: Not reported
 Tons Shipped OffSite: Not reported

EPA ID: IND016626210
 Year: Not reported
 Tons Generated: Not reported
 Tons Shipped OffSite: Not reported

2
SE
< 1/8
0.035 mi.
185 ft.

ZIOLKOWSKI CONSTRUCTION INC
1005 S LAFAYETTE BLVD
SOUTH BEND, IN 46624

RCRA-CESQG 1000451454
FINDS IND984877597
UST
MANIFEST

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 05/31/2002
 Facility name: ZIOLKOWSKI CONSTRUCTION
 Facility address: 1005 S LAFAYETTE
 SOUTH BEND, IN 46624
 EPA ID: IND984877597
 Mailing address: 1005 S LA FAYETTE
 SOUTH BEND, IN 46624
 Contact: BEN ZIOLKOWSKI
 Contact address: 1005 S LA FAYETTE
 SOUTH BEND, IN 46624
 Contact country: US
 Contact telephone: (574) 287-1811
 Contact email: Not reported
 EPA Region: 05
 Land type: Private

Actual:
728 ft.

Classification:
 Description:

Conditionally Exempt Small Quantity Generator
 Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIOLKOWSKI CONSTRUCTION INC (Continued)

1000451454

from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: ZIOLKOWSKI CONSTRUCTION
Owner/operator address: 1005 S LAFAYETTE
SOUTH BEND, IN 46624
Owner/operator country: Not reported
Owner/operator telephone: (574) 287-1811
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/03/1990
Facility name: ZIOLKOWSKI CONSTRUCTION
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Facility Has Received Notices of Violations:

Regulation violated: FR - 263.21
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIOLKOWSKI CONSTRUCTION INC (Continued)

1000451454

Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 09/11/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.11
Area of violation: TSD - General Facility Standards
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 09/11/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 263.21
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 04/25/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 263.21
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 05/01/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 263.20
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIOLKOWSKI CONSTRUCTION INC (Continued)

1000451454

Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 09/11/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.11
Area of violation: TSD - General Facility Standards
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 03/11/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 263.21
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/11/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 263.21
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 03/11/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 263.21
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIOLKOWSKI CONSTRUCTION INC (Continued)

1000451454

Enforcement action date: 06/06/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 11250
Paid penalty amount: 11250

Regulation violated: FR - 263.21
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 12/11/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 263.20
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 06/25/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 263.20
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 03/11/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.23
Area of violation: Generators - Manifest
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 09/11/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIOLKOWSKI CONSTRUCTION INC (Continued)

1000451454

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.23
Area of violation: Generators - Manifest
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 12/11/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.23
Area of violation: Generators - Manifest
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 06/06/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 11250
Paid penalty amount: 11250

Regulation violated: FR - 265.11
Area of violation: TSD - General Facility Standards
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/11/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.11
Area of violation: TSD - General Facility Standards
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 12/11/2001
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIOLKOWSKI CONSTRUCTION INC (Continued)

1000451454

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.11
Area of violation: TSD - General Facility Standards
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 04/25/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.11
Area of violation: TSD - General Facility Standards
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 06/25/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.11
Area of violation: TSD - General Facility Standards
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 05/01/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.23
Area of violation: Generators - Manifest
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/11/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIOLKOWSKI CONSTRUCTION INC (Continued)

1000451454

Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.11
Area of violation: TSD - General Facility Standards
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 06/06/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 11250
Paid penalty amount: 11250

Regulation violated: FR - 263.20
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/11/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 263.20
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 12/11/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 263.20
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 05/01/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIOLKOWSKI CONSTRUCTION INC (Continued)

1000451454

Proposed penalty amount: 0

Final penalty amount: 0

Paid penalty amount: 0

Regulation violated: FR - 262.23

Area of violation: Generators - Manifest

Date violation determined: 02/08/2001

Date achieved compliance: 08/14/2003

Violation lead agency: State

Enforcement action: PROPOSED AGREED ORDER (PAO) SENT

Enforcement action date: 05/01/2003

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: 0

Final penalty amount: 0

Paid penalty amount: 0

Regulation violated: FR - 263.20

Area of violation: Transporters - Manifest and Recordkeeping

Date violation determined: 02/08/2001

Date achieved compliance: 08/14/2003

Violation lead agency: State

Enforcement action: PROPOSED AGREED ORDER (PAO) SENT

Enforcement action date: 04/25/2002

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: 0

Final penalty amount: 0

Paid penalty amount: 0

Regulation violated: FR - 263.20

Area of violation: Transporters - Manifest and Recordkeeping

Date violation determined: 02/08/2001

Date achieved compliance: 08/14/2003

Violation lead agency: State

Enforcement action: FINAL 3008(A) COMPLIANCE ORDER

Enforcement action date: 06/06/2003

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: 0

Final penalty amount: 11250

Paid penalty amount: 11250

Regulation violated: FR - 262.23

Area of violation: Generators - Manifest

Date violation determined: 02/08/2001

Date achieved compliance: 08/14/2003

Violation lead agency: State

Enforcement action: PROPOSED AGREED ORDER (PAO) SENT

Enforcement action date: 04/25/2002

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIOLKOWSKI CONSTRUCTION INC (Continued)

1000451454

Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.23
Area of violation: Generators - Manifest
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 06/25/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.23
Area of violation: Generators - Manifest
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 03/11/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 263.21
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 02/08/2001
Date achieved compliance: 08/14/2003
Violation lead agency: State
Enforcement action: PROPOSED AGREED ORDER (PAO) SENT
Enforcement action date: 06/25/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:
Evaluation date: 02/08/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - Manifest and Recordkeeping
Date achieved compliance: 08/14/2003
Evaluation lead agency: State

Evaluation date: 02/08/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 08/14/2003
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIOLKOWSKI CONSTRUCTION INC (Continued)

1000451454

Evaluation date: 02/08/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 08/14/2003
Evaluation lead agency: State

FINDS:

Registry ID: 110003102133

Environmental Interest/Information System

IN-FRS (Indiana - Facility Registry System). The Indiana Department of Environmental Management (I-DEM) has implemented the Indiana-Facility Registry System (I-FRS). The I-FRS provides the interface and processes to link facility data monitored by multiple State and EPA program systems. In addition, I-FRS enables IDEM to reconcile environmental data and exchange it with EPA FRS using the electronic data exchange over the Network Node.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

UST:

Facility ID: 11335
Owner Id: 6996
Company Name: Ziolkowski Const
Mailing Address: 1005 S Lafayette Blvd
Mailing Address 2: Not reported
Mailing City,St,Zip: South Bend, IN 46624

Tank Number: 1
Install Date: Not reported
Tank Status: **Permanently Out of Service**
Substance Desc: Gasoline

Tank Number: 2
Install Date: Not reported
Tank Status: **Permanently Out of Service**
Substance Desc: Diesel

Tank Number: 3
Install Date: Not reported
Tank Status: **Permanently Out of Service**
Substance Desc: Gasoline

IN MANIFEST:

EPA ID: IND984877597
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIOLKOWSKI CONSTRUCTION INC (Continued)

1000451454

Manifest Handler:

EPA Id #: IND984877597
Generator Type: CEG
Generator Status: Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: PO BOX 1106
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46624
Contact Last Name: ZIOLKOWSKI
Contact First Name: BEN
Contact Telephone: 574-287-1811
Contact Type: B

Receiver Records:

Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported
Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported
Facility Address 2: Not reported

Transporter Records:

Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported
TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

EPA ID: IND984877597
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND984877597

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIOLKOWSKI CONSTRUCTION INC (Continued)

1000451454

Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

3
NNE
< 1/8
0.041 mi.
218 ft.

**301 W SAMPLE
SOUTH BEND, IN 46601**

**SPILLS S103805651
SCP N/A**

**Relative:
Higher**

SPILL:

Facility ID: 199810147
Incident Date: 10/19/1998
Report Date: 10/19/1998
Material: Solvent Contamination
Spill Source: Unknown
Recovered Amount: Not reported
Recovered Units: Unknown Units
Spilled Amount: Not reported
Spilled Units: Unknown Units
Contained: N
Water Affected: None
Spill Type: Spill
Area Affected: Not reported
Fish Killed: 0
Water Supply Affected: U
Public Intake: Not reported

**Actual:
728 ft.**

SCP:

Facility Id: 199810147
Facility Type: Not reported

A4
WNW
< 1/8
0.068 mi.
361 ft.

**SOUTH BEND LATHE
400 W. SAMPLE ST.
SOUTH BEND, IN 46601**

**CERCLIS 1009908264
PRP INN000510171**

Site 1 of 5 in cluster A

**Relative:
Lower**

CERCLIS:

Site ID: 0510171
EPA ID: INN000510171
Facility County: ST. JOSEPH
Short Name: SOUTH BEND LATHE
Congressional District: 02
IFMS ID: B5GB
SMSA Number: Not reported
USGC Hydro Unit: Not reported
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: Not reported
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: R
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported

**Actual:
727 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BEND LATHE (Continued)

1009908264

EPA Region: 05
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Not on the NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)
Non NPL Status Date: 12/20/06
Site Fips Code: 18141
CC Concurrence Date: Not reported
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 5271200.00000
Contact Name: KENNETH THEISEN
Contact Tel: (312) 886-1959
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

Alias Comments: Not reported

Site Description: Abandoned manufacturing facility, numerous containers, transformers, UST; no NPL assessment needed at this time.

CERCLIS Assessment History:

Action Code: 001
Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 02/09/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 03/20/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: ISSUE REQUEST LETTERS (104E)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BEND LATHE (Continued)

1009908264

Date Started: Not reported
Date Completed: 03/20/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 03/20/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 05/14/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 05/14/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 05/17/07
Priority Level: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BEND LATHE (Continued)

1009908264

Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 05/17/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 07/05/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started: 12/12/06
Date Completed: 08/01/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA In-House
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL
Date Started: 06/25/07
Date Completed: 08/01/07
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BEND LATHE (Continued)

1009908264

Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 08/06/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 008
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 08/06/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 011
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 04/21/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 010
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 06/03/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BEND LATHE (Continued)

1009908264

Action Code: 013
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 09/10/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 012
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 09/14/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

[Click this hyperlink](#) while viewing on your computer to access 79 additional US CERCLIS Financial: record(s) in the EDR Site Report.

PRP:
PRP name: AMSTED INDUSTRIES, INC.
ARG CORPORATION
ARG CORPORATION
CARO, INCORPORATED
JOE MITTIGA
JP MORGAN
NORBERT TOUBES
NORBERT TOUBES
TURNMASTER CORP.

A5 SOUTH BEND LATHE
WNW 400 W SAMPLE ST
< 1/8 SOUTH BEND, IN 46601
0.068 mi.
361 ft. Site 2 of 5 in cluster A

UST U003969375
N/A

Relative: UST:
Lower Facility ID: 378
Owner Id: 80058
Actual: Company Name: Norbert Toubes / ARG Inc
727 ft. Mailing Address: 150 W Angerla Blvd
Mailing Address 2: Not reported
Mailing City,St,Zip: South Bend, IN 46617
Tank Number: 1
Install Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BEND LATHE (Continued)

U003969375

Tank Status: Permanently Out of Service
Substance Desc: Used Oil

Tank Number: 2
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Other

Tank Number: 3
Install Date: Not reported
Tank Status: Unregulated
Substance Desc: Unknown

Tank Number: 4
Install Date: Not reported
Tank Status: Unregulated
Substance Desc: Unknown

Tank Number: 5
Install Date: Not reported
Tank Status: Unregulated
Substance Desc: Unknown

A6
WNW
< 1/8
0.068 mi.
361 ft.

STUDEBAKER AREA A DEMOLITION PHASE III
400 W SAMPLE ST
SOUTH BEND, IN 46601
Site 3 of 5 in cluster A

RCRA-CESQG **1000404927**
HIST FTTS **IND005163738**
FINDS
MANIFEST

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 03/27/2008

Facility name: STUDEBAKER AREA A DEMOLITION PHASE III

Facility address: 400 W SAMPLE ST
SOUTH BEND, IN 46601

EPA ID: IND005163738
Mailing address: 1200 COUNTY CITY BLDG
227 N JEFFERSON BLVD

SOUTH BEND, IN 46601

Contact: ANN KOLATA

Contact address: 1200 COUNTY CITY BLDG 227 N JEFFERSON BLVD
SOUTH BEND, IN 46601

Contact country: US

Contact telephone: (574) 235-9021

Contact email: AKOLATA@SOUTHBENDIN.GOV

EPA Region: 05

Land type: Municipal

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STUDEBAKER AREA A DEMOLITION PHASE III (Continued)

1000404927

of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: CITY OF SOUTH BEND
Owner/operator address: 1200 COUNTY CITY BLDG 227 W JEFFERSON BLVD
SOUTH BEND, IN 46601
Owner/operator country: US
Owner/operator telephone: (574) 235-9021
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1111
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/07/2008
Facility name: STUDEBAKER AREA A DEMOLITION PHASE III
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/19/2007
Facility name: STUDEBAKER AREA A DEMOLITION PHASE III
Site name: SOUTH BEND LATHE
Classification: Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STUDEBAKER AREA A DEMOLITION PHASE III (Continued)

1000404927

Date form received by agency: 04/01/2002
Facility name: STUDEBAKER AREA A DEMOLITION PHASE III
Site name: SOUTH BEND LATHE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 11/29/1999
Facility name: STUDEBAKER AREA A DEMOLITION PHASE III
Site name: SOUTH BEND LATHE
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: FR - 279.22
Area of violation: Used Oil - Generators
Date violation determined: 03/29/2001
Date achieved compliance: 06/26/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/03/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STUDEBAKER AREA A DEMOLITION PHASE III (Continued)

1000404927

Regulation violated: FR - 262.34/265.16
Area of violation: Generators - Pre-transport
Date violation determined: 03/29/2001
Date achieved compliance: 06/26/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/03/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 03/29/2001
Date achieved compliance: 06/26/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/03/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a2
Area of violation: Generators - Pre-transport
Date violation determined: 03/29/2001
Date achieved compliance: 06/26/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/03/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a3
Area of violation: Generators - Pre-transport
Date violation determined: 03/29/2001
Date achieved compliance: 06/26/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/03/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STUDEBAKER AREA A DEMOLITION PHASE III (Continued)

1000404927

Evaluation Action Summary:

Evaluation date: 06/26/2001
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/26/2001
Evaluation lead agency: State

Evaluation date: 06/26/2001
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Used Oil - Generators
Date achieved compliance: 06/26/2001
Evaluation lead agency: State

Evaluation date: 06/26/2001
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - General
Date achieved compliance: 06/26/2001
Evaluation lead agency: State

Evaluation date: 03/29/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 06/26/2001
Evaluation lead agency: State

Evaluation date: 03/29/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/26/2001
Evaluation lead agency: State

Evaluation date: 03/29/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/26/2001
Evaluation lead agency: State

HIST FTTS INSP:

Inspection Number: 19890418AV008 2
Region: 05
Inspection Date: Not reported
Inspector: SKUBNIK
Violation occurred: No
Investigation Type: EPCRA, Enforcement, SEE Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Manufacturer

FINDS:

Registry ID: 110003071782

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STUDEBAKER AREA A DEMOLITION PHASE III (Continued)

1000404927

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IN MANIFEST:

EPA ID: IND005163738
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: IND005163738
Generator Type: CEG
Generator Status: Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: 400 W SAMPLE ST
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46625
Contact Last Name: LAURENT
Contact First Name: ANDY
Contact Telephone: 574-245-6112
Contact Type: B

Receiver Records:

Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported
Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported
Facility Address 2: Not reported

Transporter Records:

Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STUDEBAKER AREA A DEMOLITION PHASE III (Continued)

1000404927

TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

EPA ID: IND005163738
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND005163738
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

A7
WNW
< 1/8
0.071 mi.
373 ft.

SOUTH BEND TOY INC
404 W SAMPLE ST
SOUTH BEND, IN 46625

RCRA NonGen / NLR
FINDS
MANIFEST

1000404934
IND980999544

Site 4 of 5 in cluster A

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 02/04/1985

Facility name: SOUTH BEND TOY INC

Facility address: 404 W SAMPLE ST
SOUTH BEND, IN 46625

EPA ID: IND980999544
Mailing address: PO BOX 3675
SOUTH BEND, IN 46619

Contact: DAVID PINK
Contact address: PO BOX 3675
SOUTH BEND, IN 46619

Contact country: US
Contact telephone: (219) 289-9275

Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: SOUTH BEND TOY INC
Owner/operator address: 404 W SAMPLE ST
SOUTH BEND, IN 46625

Owner/operator country: Not reported
Owner/operator telephone: (219) 289-9275

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BEND TOY INC (Continued)

1000404934

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110009390916

Environmental Interest/Information System

IN-FRS (Indiana - Facility Registry System). The Indiana Department of Environmental Management (I-DEM) has implemented the Indiana-Facility Registry System (I-FRS). The I-FRS provides the interface and processes to link facility data monitored by multiple State and EPA program systems. In addition, I-FRS enables IDEM to reconcile environmental data and exchange it with EPA FRS using the electronic data exchange over the Network Node.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IN MANIFEST:

EPA ID: IND980999544
Year: Not reported
Tons Generated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BEND TOY INC (Continued)

1000404934

Tons Shipped OffSite: Not reported
Manifest Handler:
EPA Id #: IND980999544
Generator Type: Not reported
Generator Status: Non Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: 404 W SAMPLE ST
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46625
Contact Last Name: PINK
Contact First Name: DAVID
Contact Telephone: 574-289-9275
Contact Type: B

Receiver Records:
Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:
Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported
Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported
Facility Address 2: Not reported

Transporter Records:
Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported
TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

EPA ID: IND980999544
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTH BEND TOY INC (Continued)

1000404934

EPA ID: IND980999544
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

**A8
WNW
< 1/8
0.076 mi.
403 ft.**

**FORMER STUDEBAKER ENGINEERING BUILDING
414 W SAMPLE ST
SOUTH BEND, IN 46601**

**FINDS 1001817059
MANIFEST N/A**

Site 5 of 5 in cluster A

**Relative:
Lower**

FINDS:

Registry ID: 110003136151

**Actual:
727 ft.**

Environmental Interest/Information System

IN-FRS (Indiana - Facility Registry System). The Indiana Department of Environmental Management (I-DEM) has implemented the Indiana-Facility Registry System (I-FRS). The I-FRS provides the interface and processes to link facility data monitored by multiple State and EPA program systems. In addition, I-FRS enables IDEM to reconcile environmental data and exchange it with EPA FRS using the electronic data exchange over the Network Node.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IN MANIFEST:

EPA ID: INR000021667
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: INR000021667
Generator Type: Not reported
Generator Status: Non Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: COUNTY-CITY BLDG
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46601
Contact Last Name: LITTRELL
Contact First Name: CARL
Contact Telephone: 574-235-9251
Contact Type: A

Receiver Records:

Report Year: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER STUDEBAKER ENGINEERING BUILDING (Continued)

1001817059

TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported
Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported
Facility Address 2: Not reported

Transporter Records:

Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported
TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

EPA ID: INR000021667
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: INR000021667
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

9
SE
< 1/8
0.106 mi.
558 ft.

**CITY OF SOUTH BEND
225 W GARST ST
SOUTH BEND, IN 46601**

**UST U003142164
N/A**

**Relative:
Higher**

UST:

Facility ID: 18512
Owner Id: 10720
Company Name: City Of South Bend
Mailing Address: 1308 County City Bldg
Mailing Address 2: Not reported
Mailing City,St,Zip: South Bend, IN 46601

**Actual:
730 ft.**

Tank Number: 1
Install Date: Not reported
Tank Status: Permanently Out of Service

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF SOUTH BEND (Continued)

U003142164

Substance Desc: Gasoline

Tank Number: 2
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Gasoline

10
ENE
< 1/8
0.111 mi.
586 ft.

OLINGER DISTRIBUTING CO INC
922 S MAIN ST
SOUTH BEND, IN 46634

UST U000186161
N/A

Relative:
Higher

UST:
Facility ID: 5111
Owner Id: 5436
Company Name: Olinger Distributing Company Inc
Mailing Address: 5337 W 78th St
Mailing Address 2: Not reported
Mailing City,St,Zip: Indianapolis, IN 46268

Actual:
728 ft.

Tank Number: 1
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Diesel

11
ESE
< 1/8
0.112 mi.
592 ft.

UNITED COATINGS TECHNOLOGIES
1011 S MAIN ST
SOUTH BEND, IN 46601

RCRA-CESQG 1012179107
INR000127126

Relative:
Higher

RCRA-CESQG:
Date form received by agency: 08/21/2009
Facility name: UNITED COATINGS TECHNOLOGIES
Facility address: 1011 S MAIN ST
SOUTH BEND, IN 46601
EPA ID: INR000127126
Contact: KURT RIMELSPACH
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 877-287-4774
Contact email: KRIMELSPACH@UNITEDCOATINGSTECHNOLOGIES.COM
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

Actual:
730 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED COATINGS TECHNOLOGIES (Continued)

1012179107

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: MARK HUFFER
Owner/operator address: 1011 S MAIN ST
SOUTH BEND, IN 46601
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/2006
Owner/Op end date: Not reported

Owner/operator name: MARK HUFFER
Owner/operator address: 1011 S MAIN ST
SOUTH BEND, IN 46601
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/01/2006
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D035
Waste name: METHYL ETHYL KETONE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNITED COATINGS TECHNOLOGIES (Continued)

1012179107

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

12
East
1/8-1/4
0.136 mi.
716 ft.

INDOT
US 31 BYPASS 110 MI N SR 23
SOUTH BEND, IN 46619

RCRA NonGen / NLR **1000451452**
FINDS **IND984879817**
MANIFEST

Relative:
Higher

RCRA NonGen / NLR:

Actual:
730 ft.

Date form received by agency: 12/30/1991
Facility name: INDOT
Facility address: US 31 BYPASS 110 MI N SR 23
SOUTH BEND, IN 46619
EPA ID: IND984879817
Mailing address: PO 429
LA PORTE, IN 46350
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: STATE OF INDIANA
Owner/operator address: 302 PHILADELPHIA ST
LAPORTE, IN 43350
Owner/operator country: Not reported
Owner/operator telephone: (219) 291-1805
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDOT (Continued)

1000451452

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/27/1990
Facility name: INDOT
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110007573697

Environmental Interest/Information System

IN-FRS (Indiana - Facility Registry System). The Indiana Department of Environmental Management (I-DEM) has implemented the Indiana-Facility Registry System (I-FRS). The I-FRS provides the interface and processes to link facility data monitored by multiple State and EPA program systems. In addition, I-FRS enables IDEM to reconcile environmental data and exchange it with EPA FRS using the electronic data exchange over the Network Node.

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IN MANIFEST:

EPA ID: IND984879817
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDOT (Continued)

1000451452

EPA Id #: IND984879817
Generator Type: Not reported
Generator Status: Non Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: PO BOX 429
Handler Mailing City: LAPORTE
Handler Mailing State: IN
Handler Mailing Zip: 46350
Contact Last Name: KAUR
Contact First Name: JAMES
Contact Telephone: 219-362-6125
Contact Type: B

Receiver Records:

Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported
Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported
Facility Address 2: Not reported

Transporter Records:

Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported
TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

EPA ID: IND984879817
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND984879817
Year: Not reported
Tons Generated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDOT (Continued)

1000451452

Tons Shipped OffSite: Not reported

B13
NE
1/8-1/4
0.140 mi.
738 ft.

ONE STOP #79
815 S MAIN ST
SOUTH BEND, IN 46614

LUST U004002262
UST N/A

Site 1 of 2 in cluster B

Relative:
Lower

LUST:

Facility ID: 24510
Incident Number: 200506514
Affected Area: Soil
Description: NFA-RISC residential soil only
Priority: Low

Actual:
726 ft.

UST:

Facility ID: 24510
Owner Id: 5702
Company Name: B & R Oil Company - Attn: Bill Shaver
Mailing Address: 24501 Ecorse Rd
Mailing Address 2: Ste 5
Mailing City, St, Zip: Taylor, MI 48180

Tank Number: 1
Install Date: 05/24/2001
Tank Status: **Currently in use**
Substance Desc: Gasoline

Tank Number: 2
Install Date: 05/24/2001
Tank Status: **Currently in use**
Substance Desc: Gasoline

Tank Number: 3
Install Date: 05/24/2001
Tank Status: **Currently in use**
Substance Desc: Gasoline

Tank Number: 4
Install Date: 05/24/2001
Tank Status: **Currently in use**
Substance Desc: Diesel

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

B14
NE
1/8-1/4
0.141 mi.
742 ft.

RINK PRINTING CO INC
814 S MAIN ST
SOUTH BEND, IN 46601

Site 2 of 2 in cluster B

RCRA-CESQG
FINDS
MANIFEST

1000463350
IND005226477

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 04/29/2011
Facility name: RINK PRINTING CO INC
Facility address: 814 S MAIN ST
SOUTH BEND, IN 46601
EPA ID: IND005226477
Mailing address: S MAIN ST
SOUTH BEND, IN 46601
Contact: JILL MEJER
Contact address: S MAIN ST
SOUTH BEND, IN 46601
Contact country: US
Contact telephone: (574) 232-7935
Contact email: JMEJER@RINKPRINTING.COM
EPA Region: 05
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Actual:
726 ft.

Owner/Operator Summary:

Owner/operator name: MICHAEL S RINK
Owner/operator address: 814 S MAIN ST
SOUTH BEND, IN 46601
Owner/operator country: Not reported
Owner/operator telephone: (574) 232-7935
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/18/2000
Owner/Op end date: Not reported

Owner/operator name: RINK PRINTING CO INC
Owner/operator address: 814 S MAIN ST
SOUTH BEND, IN 46601
Owner/operator country: US
Owner/operator telephone: (574) 232-7935
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RINK PRINTING CO INC (Continued)

1000463350

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/27/2006
Facility name: RINK PRINTING CO INC
Classification: Small Quantity Generator

Date form received by agency: 02/20/2004
Facility name: RINK PRINTING CO INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/08/2002
Facility name: RINK PRINTING CO INC
Classification: Small Quantity Generator

Date form received by agency: 12/18/2000
Facility name: RINK PRINTING CO INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/27/1997
Facility name: RINK PRINTING CO INC
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RINK PRINTING CO INC (Continued)

1000463350

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RINK PRINTING CO INC (Continued)

1000463350

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U238
Waste name: CARBAMIC ACID, ETHYL ESTER

Facility Has Received Notices of Violations:

Regulation violated: FR - 279.22c
Area of violation: Used Oil - Generators
Date violation determined: 06/19/2003
Date achieved compliance: 06/19/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/19/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 06/19/2003
Date achieved compliance: 06/19/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/19/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a3
Area of violation: Generators - Pre-transport
Date violation determined: 06/19/2003
Date achieved compliance: 06/19/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/19/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:

Evaluation date: 06/19/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 06/19/2003
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RINK PRINTING CO INC (Continued)

1000463350

Evaluation date: 06/19/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/19/2003
Evaluation lead agency: State

FINDS:

Registry ID: 110003072040

Environmental Interest/Information System

IN-FRS (Indiana - Facility Registry System). The Indiana Department of Environmental Management (I-DEM) has implemented the Indiana-Facility Registry System (I-FRS). The I-FRS provides the interface and processes to link facility data monitored by multiple State and EPA program systems. In addition, I-FRS enables IDEM to reconcile environmental data and exchange it with EPA FRS using the electronic data exchange over the Network Node.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IN MANIFEST:

EPA ID: IND005226477
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: IND005226477
Generator Type: SQG
Generator Status: Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: 814 S MAIN ST
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46601
Contact Last Name: MEJER
Contact First Name: JILL
Contact Telephone: 574-232-7935
Contact Type: B

Receiver Records:

Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RINK PRINTING CO INC (Continued)

1000463350

Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: IND005226477
Actual Generator Type: 2
Waste Description Shipped: RQ, WASTE FLAMMABLE LIQUID, NOS, 3 (TOLUENE, ACETONE) UN1993, PGII, ERG #128
Shipped File Page Number: 1
Number Of TSD Facilities: 1
Waste Codes on Page Number: 2
Waste Code: F005
Tons Of Waste Shipped Year: 1.52205
TSD Facility EPA ID: OHD093945293
TSD Name: ONYX ENVIRONMENTAL SERVICES LLC
Facility Address 2: Not reported

Generator EPA Id: IND005226477
Actual Generator Type: 2
Waste Description Shipped: RQ, WASTE FLAMMABLE LIQUID, NOS, 3 (TOLUENE, ACETONE) UN1993, PGII, ERG #128
Shipped File Page Number: 1
Number Of TSD Facilities: 1
Waste Codes on Page Number: 1
Waste Code: F003
Tons Of Waste Shipped Year: 1.52205
TSD Facility EPA ID: OHD093945293
TSD Name: ONYX ENVIRONMENTAL SERVICES LLC
Facility Address 2: Not reported

Transporter Records:

Report Year: 2006
Generator EPA ID: IND005226477
Page Number of Report: 1
TSD EPA Id: MIK625426333
Num Of Transporters Used: 1

Submitted Records:

EPA Id: IND005226477
Report Type: Annual report
Contact Name: JILL MEJER
Phone: 574-232-7935
Contact Address: 814 S MAIN ST
Contact Address2: Not reported
Contact City/State/Zip: SOUTH BEND, IN 46601

Waste Report:

EPA Id: IND005226477
Report Type: Annual report
Page #: 1
Amount Generated: 0
Generated Unit Of Measure: Not reported
Amount Shipped: 1376.1
Shipped Unit Of Measure: pounds

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RINK PRINTING CO INC (Continued)

1000463350

TSD Id: MID091605972
 TSD Name: DETREX CORPORATION
 System Type: H141
 Source Code: Not reported
 Form Code: Not reported
 Description: RQ, WASTE FLAMMABLE LIQUID, NOS (TOLUENE, ACETONE) UN1993, 3, PGII

EPA ID: IND005226477
 Year: Not reported
 Tons Generated: Not reported
 Tons Shipped OffSite: Not reported

EPA ID: IND005226477
 Year: Not reported
 Tons Generated: Not reported
 Tons Shipped OffSite: Not reported

EPA ID: IND005226477
 Year: Not reported
 Tons Generated: Not reported
 Tons Shipped OffSite: Not reported

EPA ID: IND005226477
 Year: Not reported
 Tons Generated: Not reported
 Tons Shipped OffSite: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 3 additional IN MANIFEST: record(s) in the EDR Site Report.

C15
North
1/8-1/4
0.154 mi.
811 ft.

AVANTI INDUSTRIAL
765 SOUTH LAFAYETTE ROAD
SOUTH BEND, IN

SHWS S104825608
N/A

Site 1 of 5 in cluster C

Relative:
Lower

SHWS:

Facility Id: 0000020
 Score: 27.60 & 28.28
 Score Date: 03-1990 & 03-1992
 Contaminant Type: Solvents
 Media Affected: Soil and Groundwater
 Contact Tele: 3172340433
 Last Date: January 2005

Actual:
725 ft.

Facility Status: This facility was originally owned and operated by Studebaker. Avanti bought the site in 1987. The primary use of the site was production of automobiles and parts. In February 1988, 245 drums were discovered along a fence at the west property line. Twenty of these drums were bulging and leaking. They contained paint and waste solvents. Waste piles from metal processing containing heavy metals and lead also were found at the site. The responsible party hired a contractor to remove the drums in early 1989. A March 13, 1990 inspection by IDEM verified the removal of the drummed material. Remedial investigations indicate contamination in the groundwater from volatile organic compounds. Remedial actions are ongoing.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C16
North
1/8-1/4
0.154 mi.
811 ft.

N A B BUILDING CO
765 S LAFAYETTE ST
SOUTH BEND, IN 46618

RCRA NonGen / NLR **1000103564**
MANIFEST **IND982646994**

Site 2 of 5 in cluster C

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 08/19/1988

Facility name: N A B BUILDING CO

Facility address: 765 S LAFAYETTE ST
SOUTH BEND, IN 46618

EPA ID: IND982646994

Mailing address: 405 W SAMPLE ST
SOUTH BEND, IN 46621

Contact: FREDERICK BAER

Contact address: 405 W SAMPLE ST
SOUTH BEND, IN 46621

Contact country: US

Contact telephone: (219) 234-1001

Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
725 ft.

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: NEWMAN LEE
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N A B BUILDING CO (Continued)

1000103564

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

IN MANIFEST:

EPA ID: IND982646994
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: IND982646994
Generator Type: Not reported
Generator Status: Non Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: 405 W SAMPLE ST
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46621
Contact Last Name: BAER
Contact First Name: FREDERICK K
Contact Telephone: 574-234-1001
Contact Type: B

Receiver Records:

Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N A B BUILDING CO (Continued)

1000103564

Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported
Facility Address 2: Not reported

Transporter Records:
Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported
TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

EPA ID: IND982646994
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND982646994
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

C17
North
1/8-1/4
0.155 mi.
818 ft.

AVANTI
765 SOUTH LAFAYETTE BLVD
SOUTH BEND, IN 46601

CERCLIS 1003862165
IND984885780

Site 3 of 5 in cluster C

Relative:
Lower

CERCLIS:
Site ID: 0506395
EPA ID: IND984885780
Facility County: ST. JOSEPH
Short Name: AVANTI
Congressional District: 03
IFMS ID: Not reported
SMSA Number: 7800
USGC Hydro Unit: 04050001
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: N
RCRA ID: E
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 05
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Not on the NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup
Non NPL Status Date: 05/10/01

Actual:
725 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVANTI (Continued)

1003862165

Site Fips Code: 18141
CC Concurrence Date: Not reported
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 5270389.00000
Contact Name: Sonia VEGA
Contact Tel: (651) 757-2796
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

Contact ID: 5270379.00000
Contact Name: ANITA BOSEMAN
Contact Tel: (312) 886-6941
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: AVANTI
Alias Address: Not reported
ST. JOSEPH, IN
Alias Comments: Not reported
Site Description: Not reported

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: Not reported
Date Completed: 02/06/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 03/22/90
Priority Level: Deferred to RCRA (Subtitle C)
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 06/15/94

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVANTI (Continued)

1003862165

Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 002
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 06/21/94
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 003
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 06/28/94
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 004
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 07/14/94
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 005
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 07/18/94
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVANTI (Continued)

1003862165

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 08/23/94
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 009
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 11/23/94
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 012
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 04/21/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 007
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 10/24/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 010
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 01/22/96
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVANTI (Continued)

1003862165

Action Code: 011
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 03/27/96
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 013
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 04/26/96
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 008
Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 09/29/99
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: SITE REASSESSMENT
Date Started: Not reported
Date Completed: 05/10/01
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

C18
North
1/8-1/4
0.155 mi.
818 ft.

ABN MOTOR CORP
765 S LAFAYETTE BLVD
SOUTH BEND, IN 46618

Site 4 of 5 in cluster C

RCRA NonGen / NLR
FINDS
MANIFEST
SCP

1000124652
IND001756881

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 10/14/1983
Facility name: ABN MOTOR CORP
Facility address: 765 S LAFAYETTE BLVD
SOUTH BEND, IN 46618

EPA ID: IND001756881
Mailing address: PO BOX 4276
SOUTH BEND, IN 46601

Contact: JEFF NEWMAN
Contact address: PO BOX 4276
SOUTH BEND, IN 46601

Contact country: US
Contact telephone: (219) 287-3381
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
725 ft.

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABN MOTOR CORP (Continued)

1000124652

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U080
Waste name: METHANE, DICHLORO-

Violation Status: No violations found

FINDS:

Registry ID: 110006410071

Environmental Interest/Information System

IN-FRS (Indiana - Facility Registry System). The Indiana Department of Environmental Management (I-DEM) has implemented the Indiana-Facility Registry System (I-FRS). The I-FRS provides the interface and processes to link facility data monitored by multiple State and EPA program systems. In addition, I-FRS enables IDEM to reconcile environmental data and exchange it with EPA FRS using the electronic data exchange over the Network Node.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABN MOTOR CORP (Continued)

1000124652

and financial information.

IN MANIFEST:

EPA ID: IND001756881
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: IND001756881
Generator Type: Not reported
Generator Status: Non Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: PO BOX 179
Handler Mailing City: YOUNGSTOWN
Handler Mailing State: OH
Handler Mailing Zip: 44501
Contact Last Name: DAY
Contact First Name: WILLIAM J
Contact Telephone: 216-744-2820
Contact Type: B

Receiver Records:

Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported
Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported
Facility Address 2: Not reported

Transporter Records:

Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported
TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABN MOTOR CORP (Continued)

1000124652

EPA ID: IND001756881
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND001756881
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

SCP:

Facility Id: 000000020
Facility Type: Municipal

C19
North
1/8-1/4
0.155 mi.
818 ft.

ABN MOTOR CORP
765 S LAFAYETTE
SOUTH BEND, IN 46618
Site 5 of 5 in cluster C

RCRA NonGen / NLR 1000124653
MANIFEST IND980903256

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 04/03/1984
Facility name: ABN MOTOR CORP
Facility address: 765 S LAFAYETTE
SOUTH BEND, IN 46618
EPA ID: IND980903256
Mailing address: PO BOX 4276
SOUTH BEND, IN 46601
Contact: GEOFF NEWMAN
Contact address: PO BOX 4276
SOUTH BEND, IN 46601
Contact country: US
Contact telephone: (219) 287-3381
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
725 ft.

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABN MOTOR CORP (Continued)

1000124653

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D009
Waste name: MERCURY

Violation Status: No violations found

IN MANIFEST:

EPA ID: IND980903256
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: IND980903256
Generator Type: Not reported
Generator Status: Non Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: PO BOX 1916
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46618
Contact Last Name: DIBIAGIO
Contact First Name: A-J JOSEPH
Contact Telephone: 574-287-1836
Contact Type: B

Receiver Records:

Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABN MOTOR CORP (Continued)

1000124653

Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported
Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported
Facility Address 2: Not reported

Transporter Records:

Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported
TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

EPA ID: IND980903256
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND980903256
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

20
SE
1/8-1/4
0.162 mi.
858 ft.

JERRY'S U-SERV INC
1130 S MAIN ST
SOUTH BEND, IN 46618

LUST U004020305
UST N/A

Relative:
Higher

LUST:

Facility ID: 18511
Incident Number: 199303524
Affected Area: Soil
Description: NFA-UST Branch Guidance Manual
Priority: Low

Actual:
730 ft.

Facility ID: 11905
Incident Number: 199302528
Affected Area: Soil
Description: Active
Priority: Low

UST:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JERRY'S U-SERV INC (Continued)

U004020305

Facility ID:	18511
Owner Id:	1065
Company Name:	Homer J Baird
Mailing Address:	2627 Lake Shore Dr
Mailing Address 2:	Not reported
Mailing City, St, Zip:	Niles, MI 49120
Tank Number:	1
Install Date:	Not reported
Tank Status:	Permanently Out of Service
Substance Desc:	Gasoline
Tank Number:	1
Install Date:	Not reported
Tank Status:	Permanently Out of Service
Substance Desc:	Gasoline
Tank Number:	2
Install Date:	Not reported
Tank Status:	Permanently Out of Service
Substance Desc:	Gasoline
Tank Number:	2
Install Date:	Not reported
Tank Status:	Permanently Out of Service
Substance Desc:	Gasoline

D21
ENE
 1/8-1/4
 0.196 mi.
 1036 ft.

MICHIANA TRANSMISSION
902 S MICHIGAN
SOUTH BEND, IN 46618

RCRA-CESQG
FINDS
MANIFEST

1001077109
INR000003434

Site 1 of 2 in cluster D

Relative:
Higher

RCRA-CESQG:

Actual:
729 ft.

Date form received by agency: 04/22/2002
 Facility name: MICHIANA TRANSMISSION
 Facility address: 902 S MICHIGAN
 SOUTH BEND, IN 46618
 EPA ID: INR000003434
 Contact: CURT WOOLLEY
 Contact address: 902 S MICHIGAN
 SOUTH BEND, IN 46618
 Contact country: US
 Contact telephone: (219) 282-2806
 Contact email: Not reported
 EPA Region: 05
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHIANA TRANSMISSION (Continued)

1001077109

from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: WOOLLEY ENTERPRISES INC
Owner/operator address: 902 S MICHIGAN ST
SOUTH BEND, IN 46601
Owner/operator country: Not reported
Owner/operator telephone: (219) 282-2806
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/25/1995
Facility name: MICHIANA TRANSMISSION
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110008338423

Environmental Interest/Information System

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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHIANA TRANSMISSION (Continued)

1001077109

environmental data and exchange it with EPA FRS using the electronic data exchange over the Network Node.

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IN MANIFEST:

EPA ID: INR000003434
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: INR000003434
Generator Type: CEG
Generator Status: Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: 902 S MICHIGAN
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46618
Contact Last Name: WOOLLEY
Contact First Name: CURT
Contact Telephone: 574-282-2806
Contact Type: B

Receiver Records:

Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported
Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICHIANA TRANSMISSION (Continued)

1001077109

Facility Address 2: Not reported

Transporter Records:

Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported
TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

EPA ID: INR000003434
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: INR000003434
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

D22
ENE
1/8-1/4
0.219 mi.
1154 ft.

ENYART ELECTRIC MOTOR SVC
122 E SAMPLE ST
SOUTH BEND, IN 46601

Site 2 of 2 in cluster D

RCRA-CESQG 1000156229
FINDS IND064717655
UST
MANIFEST

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 01/02/2002
Facility name: ENYART ELECTRIC MOTOR SVC
Facility address: 122 E SAMPLE ST
SOUTH BEND, IN 46601
EPA ID: IND064717655
Contact: RICHARD C HOLM
Contact address: 122 E SAMPLE ST
SOUTH BEND, IN 46601
Contact country: US
Contact telephone: (219) 288-4731
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Actual:
729 ft.

Owner/Operator Summary:

Owner/operator name: HOLM RICHARD C

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENYART ELECTRIC MOTOR SVC (Continued)

1000156229

Owner/operator address: 122 E SAMPLE ST
SOUTH BEND, IN 46601
Owner/operator country: Not reported
Owner/operator telephone: (219) 288-4731
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/02/1990
Facility name: ENYART ELECTRIC MOTOR SVC
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENYART ELECTRIC MOTOR SVC (Continued)

1000156229

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110003082422

Environmental Interest/Information System

IN-FRS (Indiana - Facility Registry System). The Indiana Department of Environmental Management (I-DEM) has implemented the Indiana-Facility Registry System (I-FRS). The I-FRS provides the interface and processes to link facility data monitored by multiple State and EPA program systems. In addition, I-FRS enables IDEM to reconcile environmental data and exchange it with EPA FRS using the electronic data exchange over the Network Node.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

UST:

Facility ID: 16719
Owner Id: 9193
Company Name: Enyart Electric Motor Service
Mailing Address: 122 E Sample St
Mailing Address 2: Not reported
Mailing City,St,Zip: South Bend, IN 46618

Tank Number: 1
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Unknown

IN MANIFEST:

EPA ID: IND064717655
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: IND064717655
Generator Type: CEG
Generator Status: Active
Transporter Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENYART ELECTRIC MOTOR SVC (Continued)

1000156229

Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: 122 E SAMPLE ST
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46601
Contact Last Name: HOLM
Contact First Name: RICHARD C
Contact Telephone: 574-288-4731
Contact Type: B

Receiver Records:
Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:
Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported
Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported
Facility Address 2: Not reported

Transporter Records:
Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported
TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

EPA ID: IND064717655
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND064717655
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

23
SSE
1/8-1/4
0.242 mi.
1280 ft.

SHERWIN WILLIAMS STORE 1005
1220 S MAIN ST
SOUTH BEND, IN 46601

RCRA-CESQG
FINDS
MANIFEST

1004700694
INR000100230

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 03/28/2002
 Facility name: SHERWIN WILLIAMS STORE 1005
 Facility address: 1220 S MAIN ST
 SOUTH BEND, IN 46601
 EPA ID: INR000100230
 Contact: JOHN M SZACHURY
 Contact address: 1220 S MAIN ST
 SOUTH BEND, IN 46601
 Contact country: US
 Contact telephone: (574) 233-3976
 Contact email: Not reported
 EPA Region: 05
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Actual:
733 ft.

Owner/Operator Summary:

Owner/operator name: ELINOR WOLFF REVOCABLE TRUST
 Owner/operator address: 17977 SABLE RIDGE DR
 SOUTH BEND, IN 46635
 Owner/operator country: Not reported
 Owner/operator telephone: (574) 234-1432
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 01/01/0001
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS STORE 1005 (Continued)

1004700694

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/30/2000
Facility name: SHERWIN WILLIAMS STORE 1005
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D035
Waste name: METHYL ETHYL KETONE

Violation Status: No violations found

FINDS:

Registry ID: 110003137793

Environmental Interest/Information System

IN-FRS (Indiana - Facility Registry System). The Indiana Department of Environmental Management (I-DEM) has implemented the Indiana-Facility Registry System (I-FRS). The I-FRS provides the interface and processes to link facility data monitored by multiple State and EPA program systems. In addition, I-FRS enables IDEM to reconcile environmental data and exchange it with EPA FRS using the electronic data exchange over the Network Node.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IN MANIFEST:

EPA ID: INR000100230
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: INR000100230
Generator Type: CEG
Generator Status: Active
Transporter Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS STORE 1005 (Continued)

1004700694

Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: 1220 S MAIN ST
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46601
Contact Last Name: SZACHURY
Contact First Name: JOHN M
Contact Telephone: 574-233-3976
Contact Type: B

Receiver Records:

Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported
Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported
Facility Address 2: Not reported

Transporter Records:

Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported
TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

EPA ID: INR000100230
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: INR000100230
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

24
SE
1/8-1/4
0.245 mi.
1291 ft.

S MICHIGAN U HAUL CENTER VACANT
1120 S MICHIGAN
SOUTH BEND, IN 46601

LUST **U003093739**
UST **N/A**

Relative:
Higher

LUST:
Facility ID: 6868
Incident Number: 199605525
Affected Area: Soil
Description: NFA-UST Branch Guidance Manual
Priority: Low

Actual:
731 ft.

UST:
Facility ID: 6868
Owner Id: 10173
Company Name: City Of South Bend - Econ Devmt
Mailing Address: 1200 County City Building
Mailing Address 2: Not reported
Mailing City,St,Zip: South Bend, IN 46601

Tank Number: 1
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Gasoline

Tank Number: 10
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Other

Tank Number: 11
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Other

Tank Number: 2
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Used Oil

Tank Number: 3
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Gasoline

Tank Number: 4
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Other

Tank Number: 5
Install Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S MICHIGAN U HAUL CENTER VACANT (Continued)

U003093739

Tank Status: Permanently Out of Service
Substance Desc: Other

Tank Number: 6
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Gasoline

Tank Number: 7
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Gasoline

Tank Number: 8
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Other

Tank Number: 9
Install Date: Not reported
Tank Status: Unregulated
Substance Desc: Other

25
NNE
1/8-1/4
0.249 mi.
1316 ft.

JOHN SHOUP
716 S MAIN ST
SOUTH BEND, IN 46601

LUST U001543722
UST N/A

Relative:
Lower

LUST:
Facility ID: 18766
Incident Number: 199311537
Affected Area: Soil
Description: NFA-UST Branch Guidance Manual
Priority: Low

Actual:
725 ft.

UST:
Facility ID: 18766
Owner Id: 10959
Company Name: John Shoup
Mailing Address: 202 E Winslow
Mailing Address 2: Not reported
Mailing City,St,Zip: Middlebury, IN 46540

Tank Number: 1
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Diesel

Tank Number: 2
Install Date: Not reported
Tank Status: Permanently Out of Service

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN SHOUP (Continued)

U001543722

Substance Desc: Kerosene

26
North
1/8-1/4
0.250 mi.
1318 ft.

DESIGN PKG, LLC/TRANSWESTERN
700 S LAFAYETTE ST
SOUTH BEND, IN 46601

BROWNFIELDS **S106735775**
N/A

Relative:
Lower

Actual:
725 ft.

IN BROWNFIELD:
Facility ID: 4040043
Project Manager: Kevin Davis
AI Id: 36871

27
ENE
1/4-1/2
0.278 mi.
1468 ft.

SIBLEY MACHINE & FOUNDRY CORPORATION
206 E TUTT ST
SOUTH BEND, IN 46624

AIRS **S108484219**
SCP **N/A**

Relative:
Higher

Actual:
728 ft.

AIRS:
Status: Closed
Source ID: 00039
Responsible Official Name: Bill Voll
Responsible Official Phone: 219-288-4611
Mailing Street: PO Box 40
Mailing City,St,Zip: South Bend, IN 46624
SIC Code: 3321
Permit ID: 8198
Permit Level: FESOP
Subtype Qualifier: Minor Permit Revision
Issue Date: 07/24/1997
Plant Id: Not reported
MAX of Year: Not reported
County FIPS: Not reported
Individual Plant ID: Not reported
Latitude: Not reported
Longitude: Not reported
SIC Primary: Not reported
NAICS Primary: Not reported
CO: Not reported
NOX: Not reported
PM10: Not reported
SO2: Not reported
VOC: Not reported

Status: Closed
Source ID: 00039
Responsible Official Name: Bill Voll
Responsible Official Phone: 219-288-4611
Mailing Street: PO Box 40
Mailing City,St,Zip: South Bend, IN 46624
SIC Code: 3321
Permit ID: 5340
Permit Level: FESOP
Subtype Qualifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIBLEY MACHINE & FOUNDRY CORPORATION (Continued)

S108484219

Issue Date: 12/12/1996
Plant Id: Not reported
MAX of Year: Not reported
County FIPS: Not reported
Individual Plant ID: Not reported
Latitude: Not reported
Longitude: Not reported
SIC Primary: Not reported
NAICS Primary: Not reported
CO: Not reported
NOX: Not reported
PM10: Not reported
SO2: Not reported
VOC: Not reported

Status: Closed
Source ID: 00039
Responsible Official Name: Bill Voll
Responsible Official Phone: 219-288-4611
Mailing Street: PO Box 40
Mailing City,St,Zip: South Bend, IN 46624
SIC Code: 3321
Permit ID: 16203
Permit Level: FESOP
Subtype Qualifier: Revocation
Issue Date: 07/22/2002
Plant Id: Not reported
MAX of Year: Not reported
County FIPS: Not reported
Individual Plant ID: Not reported
Latitude: Not reported
Longitude: Not reported
SIC Primary: Not reported
NAICS Primary: Not reported
CO: Not reported
NOX: Not reported
PM10: Not reported
SO2: Not reported
VOC: Not reported

Status: Closed
Source ID: 00039
Responsible Official Name: Bill Voll
Responsible Official Phone: 219-288-4611
Mailing Street: PO Box 40
Mailing City,St,Zip: South Bend, IN 46624
SIC Code: 3321
Permit ID: 2977
Permit Level: Construction
Subtype Qualifier: Registration
Issue Date: 11/19/1993
Plant Id: Not reported
MAX of Year: Not reported
County FIPS: Not reported
Individual Plant ID: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SIBLEY MACHINE & FOUNDRY CORPORATION (Continued)

S108484219

Latitude: Not reported
 Longitude: Not reported
 SIC Primary: Not reported
 NAICS Primary: Not reported
 CO: Not reported
 NOX: Not reported
 PM10: Not reported
 SO2: Not reported
 VOC: Not reported

SCP:

Facility Id: 200411007
 Facility Type: Industrial

**E28
 NE
 1/4-1/2
 0.280 mi.
 1480 ft.**

**D & L INDUSTRIAL FINISHES
 730-736 S MICHIGAN ST
 SOUTH BEND, IN 46601**

**BROWNFIELDS S109095211
 N/A**

Site 1 of 2 in cluster E

**Relative:
 Lower**

IN BROWNFIELD:
 Facility ID: 4080601
 Project Manager: Andrea Robertson-Habeck
 AI Id: 38304

**Actual:
 724 ft.**

**E29
 NE
 1/4-1/2
 0.280 mi.
 1480 ft.**

**730 - 736 SOUTH MICHIGAN STREET
 730 - 736 SOUTH MICHIGAN STREET
 SOUTH BEND, IN 46601**

**US BROWNFIELDS 1011996982
 FINDS N/A**

Site 2 of 2 in cluster E

**Relative:
 Lower**

US BROWNFIELDS:
 Recipient name: South Bend, City of
 Grant type: Assessment
 Property name: 730 - 736 SOUTH MICHIGAN STREET
 Property #: 18-3022-0812 and 18-3022-0813
 Parcel size: 0.33
 Property Description: The site contains two structures, a former retail paint store and a small storage building. Both buildings were vacant at the time of the Phase I Environmental Site Assessment. The site also includes a paved lot which was also vacant. The site was for sale and a potential buyer needed a Phase I in order to move forward with the purchase of the property. The history of this property dates back to 1903. There were several storefronts on the property. Previous uses on the property include residential, tailor, furniture store, water company, feed store, truck company, paint wholesales, donut shop, restaurant, laundry, auto and cycle supply, Indiana lumber and manufacturing, beauty shop, laundromat, and shoe repair.

**Actual:
 724 ft.**

Latitude: 41.6671407
 Longitude: -86.2501634
 HCM label: Not reported
 Map scale: Not reported
 Point of reference: Not reported
 Datum: World Geodetic System of 1984
 ACRES property ID: 91524

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

730 - 736 SOUTH MICHIGAN STREET (Continued)

1011996982

Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 3019
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding: 75000
Redev. funding source: Private/Other Fundin
Redev. funding entity name: owner of property
Redevelopment start date: 1-Aug-08
Assessment funding entity: EPA
Cleanup funding entity: Not reported
Grant type: H
Accomplishment type: Phase I Environmental Assessment
Accomplishment count: 1
Cooperative agreement #: 96564501
Ownership entity: Private
Current owner: J & J Enterprises
Did owner change: N
Cleanup required: No
Video available: No
Photo available: No
Institutional controls required: N
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: Not reported
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Not reported
Asbestos cleaned: Not reported
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Not reported
Lead cleaned up: Not reported
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

730 - 736 SOUTH MICHIGAN STREET (Continued)

1011996982

Petro products cleaned: Not reported
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Not reported
Soil cleaned up: Not reported
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Not reported
VOCs cleaned: Not reported
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: 0
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: 0.33
Past use industrial acreage: Not reported
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: 0.33
Future use industrial acreage: Not reported
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: N

FINDS:

Registry ID: 110038737917

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)
is a federal online database for Brownfields Grantees to
electronically submit data directly to EPA.

F30
West
1/4-1/2
0.296 mi.
1563 ft.

ST JOSEPH CO HOUSEHOLD HAZ WST COL PRG
701 W SAMPLE
SOUTH BEND, IN 46625
Site 1 of 2 in cluster F

RCRA NonGen / NLR **1000265672**
MANIFEST **IND984874941**
VCP

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 09/08/2000

Facility name: ST JOSEPH CO HOUSEHOLD HAZ WST COL PRG

Facility address: 701 W SAMPLE
SOUTH BEND, IN 46625

EPA ID: IND984874941
Mailing address: COUNTY CITY BLDG 8TH FLOOR
SOUTH BEND, IN 46601

Contact: PAUL TROST
Contact address: COUNTY CITY BLDG 8TH FLOOR
SOUTH BEND, IN 46601

Contact country: US
Contact telephone: (219) 284-9775

Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
725 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH CO HOUSEHOLD HAZ WST COL PRG (Continued)

1000265672

Owner/Operator Summary:

Owner/operator name: ST JOSEPH COUNTY
Owner/operator address: COUNTY CITY BLDG 8TH FLOOR
SOUTH BEND, IN 46601
Owner/operator country: Not reported
Owner/operator telephone: (219) 284-9775
Legal status: County
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/21/1990
Facility name: ST JOSEPH CO HOUSEHOLD HAZ WST COL PRG
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH CO HOUSEHOLD HAZ WST COL PRG (Continued)

1000265672

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Violation Status: No violations found

IN MANIFEST:
EPA ID: IND984874941
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:
EPA Id #: IND984874941
Generator Type: Not reported
Generator Status: Non Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: COUNTY CITY BLDG 38TH FLR
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46601
Contact Last Name: TROST
Contact First Name: PAUL
Contact Telephone: 574-284-9775
Contact Type: B

Receiver Records:
Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:
Generator EPA Id: Not reported
Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported
Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported
Facility Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH CO HOUSEHOLD HAZ WST COL PRG (Continued)

1000265672

Transporter Records:

Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported
TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

EPA ID: IND984874941
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND984874941
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

VCP:

Status: Withdrew (VRA signed) 5/2/10
VRP Id Number: 6030903
Applicant Name: South Bend Redevelopment Commission
LandUse Restrictions/Institutional Controls: Not reported
Project Manager: Webb
Covenant Not To Sue Date: Not reported
Certificate of Completion Date: Not reported
New Coding Number: V30P3
App# Date: 25-Sep-03
App# Acceptance: Not reported
VRA executed: 17-Mar-05
RWP Received: Not reported
RWP Approved: Not reported
Comp Date: Not reported
Comments: Not reported

F31
West
1/4-1/2
0.296 mi.
1563 ft.

MUNICIPAL SERVICES FACILITY
701 W SAMPLE ST
SOUTH BEND, IN 46625

LUST U003969404
UST N/A

Site 2 of 2 in cluster F

Relative:
Lower

LUST:

Facility ID: 418
Incident Number: 199510547
Affected Area: Soil
Description: NFA-UST Branch Guidance Manual
Priority: Medium

Facility ID: 418
Incident Number: 199510547
Affected Area: Groundwater
Description: NFA-UST Branch Guidance Manual
Priority: Medium

Facility ID: 418
Incident Number: 199705501
Affected Area: Soil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MUNICIPAL SERVICES FACILITY (Continued)

U003969404

Description: NFA-UST Branch Guidance Manual
Priority: Low

UST:

Facility ID: 418
Owner Id: 5832
Company Name: City of South Bend
Mailing Address: 1045 W Sample St
Mailing Address 2: Not reported
Mailing City,St,Zip: South Bend, IN 46619

Tank Number: 1
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Diesel

Tank Number: 10
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Gasoline

Tank Number: 11
Install Date: 01/01/1966
Tank Status: Permanently Out of Service
Substance Desc: Diesel

Tank Number: 12
Install Date: 08/30/1995
Tank Status: Currently in use
Substance Desc: Gasoline

Tank Number: 13
Install Date: 01/01/1966
Tank Status: Permanently Out of Service
Substance Desc: Diesel

Tank Number: 14
Install Date: 01/01/1966
Tank Status: Permanently Out of Service
Substance Desc: Diesel

Tank Number: 2
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Diesel

Tank Number: 3
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Diesel

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MUNICIPAL SERVICES FACILITY (Continued)

U003969404

Tank Number: 4
 Install Date: Not reported
Tank Status: Permanently Out of Service
 Substance Desc: Gasoline

Tank Number: 5
 Install Date: Not reported
Tank Status: Permanently Out of Service
 Substance Desc: Diesel

Tank Number: 6
 Install Date: Not reported
Tank Status: Permanently Out of Service
 Substance Desc: Gasoline

Tank Number: 7
 Install Date: Not reported
Tank Status: Permanently Out of Service
 Substance Desc: Gasoline

Tank Number: 8
 Install Date: Not reported
Tank Status: Permanently Out of Service
 Substance Desc: Gasoline

Tank Number: 9
 Install Date: 01/01/1966
Tank Status: Currently in use
 Substance Desc: Used Oil

32
NW
1/4-1/2
0.311 mi.
1642 ft.

STUDEBAKER BUILDING #69
730 UNITED DR
SOUTH BEND, IN 46601

SPILLS **S104904451**
AUL **N/A**
BROWNFIELDS
SCP

Relative:
Lower

SPILL:
 Facility ID: 200101156
 Incident Date: 01/26/2001
 Report Date: 01/26/2001
 Material: Gasoline
 Spill Source: Other
 Recovered Amount: Not reported
 Recovered Units: Not reported
 Spilled Amount: Not reported
 Spilled Units: Not reported
 Contained: Not reported
 Water Affected: ***Groundwater***
 Spill Type: Spill
 Area Affected: Undetermined
 Fish Killed: 0
 Water Supply Affected: N
 Public Intake: Not reported

Actual:
725 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STUDEBAKER BUILDING #69 (Continued)

S104904451

AUL:

IC TYPE: Environmental Restrictive Covenant
Facility Id: 4100906
Program Area: BF
Affected Media: Ground Water
Date Ic Recorded: 09/22/2011
Description: Site also assigned site #200101156 in the State Cleanup Program.
Control Method A: ALU - Ground Water Use Restriction
Coverage A: Entire Property
Chemicals Of Concern A: SVOC - Semi Volatile Organic Compounds VOC - Volatile Organic Compounds
Comments A: Not reported
Control Method B: ALU - Residential Use Restriction
Coverage B: Entire Property
Chemicals Of Concern B: SVOC - Semi Volatile Organic Compounds VOC - Volatile Organic Compounds
Comments B: Not reported
Control Method C: Not reported
Coverage C: Not reported
Chemicals Of Concern C: Not reported
Comments C: Not reported
Control Method D: Not reported
Coverage D: Not reported
Chemicals Of Concern D: Not reported
Comments D: Not reported
Control Method E: Not reported
Coverage E: Not reported
Chemicals Of Concern E: Not reported
Comments E: Not reported
Control Method F: Not reported
Coverage F: Not reported
Chemicals Of Concern F: Not reported
Comments F: Not reported
Control Method G: Not reported
Coverage G: Not reported
Chemicals Of Concern G: Not reported
Comments G: Not reported
Control Method H: Not reported
Coverage H: Not reported
Chemicals Of Concern H: Not reported
Comments H: Not reported
Control Method I: Not reported
Coverage I: Not reported
Chemicals Of Concern I: Not reported
Comments I: Not reported

IN BROWNFIELD:

Facility ID: 4100906
Project Manager: Kyle Hendrix
AI Id: 30991

SCP:

Facility Id: 200010115
Facility Type: Municipal

Facility Id: 200101156

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STUDEBAKER BUILDING #69 (Continued)

S104904451

Facility Type: Commercial

G33
South
1/4-1/2
0.323 mi.
1705 ft.

SOUTH BEND STAMPING
601 WEST BROADWAY ST.
SOUTH BEND, IN 46601

CERC-NFRAP

1014409566
INN000509143

Site 1 of 4 in cluster G

Relative:
Higher

CERC-NFRAP:

Site ID: 0509143

Federal Facility: Not a Federal Facility

Actual:
733 ft.

NPL Status: Not on the NPL

Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 5367410.00000

Person ID: 5271200.00000

CERCLIS-NFRAP Assessment History:

Action: REMOVAL

Date Started: 07/19/2004

Date Completed: 09/10/2004

Priority Level: Cleaned up

Action: ADMINISTRATIVE RECORDS

Date Started: 08/18/2004

Date Completed: 10/11/2006

Priority Level: Not reported

Action: ARCHIVE SITE

Date Started: Not reported

Date Completed: 11/09/2010

Priority Level: Not reported

G34
South
1/4-1/2
0.323 mi.
1705 ft.

FORMER SOUTH BEND STAMPING PLANT PROPERTY
601 W. BROADWAY AVENUE
SOUTH BEND, IN 46601

US BROWNFIELDS

1014948941
N/A

Site 2 of 4 in cluster G

Relative:
Higher

US BROWNFIELDS:

Recipient name: South Bend, City of

Grant type: Cleanup

Actual:
733 ft.

Property name: FORMER SOUTH BEND STAMPING PLANT PROPERTY

Property #: 018-8021-0849 018-8021-0849.01

Parcel size: 39

Property Description: Studebaker automobile final assembly plant in the 1920, auto stamping plant 1964-1999, purchased through bankruptcy by the City in March 2002.

Latitude: 41.661781

Longitude: -86.257089

HCM label: Address Matching-House Number

Map scale: 1:24,000

Point of reference: Entrance Point of a Facility or Station

Datum: World Geodetic System of 1984

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

ACRES property ID: 15180
Start date: 25-Jun-04
Completed date: 31-Dec-07
Acres cleaned up: 39
Cleanup funding: 86235.75
Cleanup funding source: State/Tribal Funding (non-section 128(a))
Assessment funding: Not reported
Assessment funding source: Not reported
Redevelopment funding: 8233800
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: 11-Jan-06
Assessment funding entity: Not reported
Cleanup funding entity: IDFA PRGI
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 96529301
Ownership entity: Government
Current owner: South Bend Redevelopment Commission
Did owner change: N
Cleanup required: Yes
Video available: No
Photo available: Yes
Institutional controls required: N
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 1-Jan-02
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Y
PCBs cleaned up: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Y
VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: 85
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 39
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 39
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: N

Recipient name: South Bend, City of
Grant type: Cleanup
Property name: FORMER SOUTH BEND STAMPING PLANT PROPERTY
Property #: 018-8021-0849 018-8021-0849.01
Parcel size: 39
Property Description: Studebaker automobile final assembly plant in the 1920, auto stamping plant 1964-1999, purchased through bankruptcy by the City in March 2002.

Latitude: 41.661781
Longitude: -86.257089
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 15180
Start date: 25-Jun-04
Completed date: 31-Dec-07
Acres cleaned up: 39
Cleanup funding: 86235.75
Cleanup funding source: State/Tribal Funding (non-section 128(a))
Assessment funding: Not reported
Assessment funding source: Not reported
Redevelopment funding: 22254000
Redev. funding source: Local Funding
Redev. funding entity name: Not reported
Redevelopment start date: 11-Jan-06
Assessment funding entity: Not reported
Cleanup funding entity: IDFA PRGI
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 96529301
Ownership entity: Government
Current owner: South Bend Redevelopment Commission

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Did owner change: N
Cleanup required: Yes
Video available: No
Photo available: Yes
Institutional controls required: N
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 1-Jan-02
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Y
PCBs cleaned up: Y
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Y
VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: 85
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 39
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 39

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: N

Recipient name: South Bend, City of
Grant type: Cleanup
Property name: FORMER SOUTH BEND STAMPING PLANT PROPERTY
Property #: 018-8021-0849 018-8021-0849.01
Parcel size: 39
Property Description: Studebaker automobile final assembly plant in the 1920, auto stamping plant 1964-1999, purchased through bankruptcy by the City in March 2002.

Latitude: 41.661781
Longitude: -86.257089
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 15180
Start date: 25-Jun-04
Completed date: 31-Dec-07
Acres cleaned up: 39
Cleanup funding: 200000
Cleanup funding source: US EPA - Brownfields Cleanup Cooperative Agreement
Assessment funding: Not reported
Assessment funding source: Not reported
Redevelopment funding: 8233800
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: 11-Jan-06
Assessment funding entity: Not reported
Cleanup funding entity: Not reported
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 96529301
Ownership entity: Government
Current owner: South Bend Redevelopment Commission
Did owner change: N
Cleanup required: Yes
Video available: No
Photo available: Yes
Institutional controls required: N
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 1-Jan-02
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Y
PCBs cleaned up: Y
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Y
VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: 85
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 39
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 39
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: N

Recipient name: South Bend, City of
Grant type: Cleanup
Property name: FORMER SOUTH BEND STAMPING PLANT PROPERTY
Property #: 018-8021-0849 018-8021-0849.01
Parcel size: 39
Property Description: Studebaker automobile final assembly plant in the 1920, auto stamping plant 1964-1999, purchased through bankruptcy by the City in March 2002.
Latitude: 41.661781
Longitude: -86.257089
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 15180
Start date: 25-Jun-04
Completed date: 31-Dec-07

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Acres cleaned up: 39
Cleanup funding: 200000
Cleanup funding source: US EPA - Brownfields Cleanup Cooperative Agreement
Assessment funding: Not reported
Assessment funding source: Not reported
Redevelopment funding: 22254000
Redev. funding source: Local Funding
Redev. funding entity name: Not reported
Redevelopment start date: 11-Jan-06
Assessment funding entity: Not reported
Cleanup funding entity: Not reported
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 96529301
Ownership entity: Government
Current owner: South Bend Redevelopment Commission
Did owner change: N
Cleanup required: Yes
Video available: No
Photo available: Yes
Institutional controls required: N
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 1-Jan-02
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Y
PCBs cleaned up: Y
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Y
VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: 85
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 39
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 39
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: N

Recipient name: South Bend, City of
Grant type: Cleanup
Property name: FORMER SOUTH BEND STAMPING PLANT PROPERTY
Property #: 018-8021-0849 018-8021-0849.01
Parcel size: 39
Property Description: Studebaker automobile final assembly plant in the 1920, auto stamping plant 1964-1999, purchased through bankruptcy by the City in March 2002.

Latitude: 41.661781
Longitude: -86.257089
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 15180
Start date: 25-Jun-04
Completed date: 31-Dec-07
Acres cleaned up: 39
Cleanup funding: 405237
Cleanup funding source: Other Federal Funding
Assessment funding: Not reported
Assessment funding source: Not reported
Redevelopment funding: 22254000
Redev. funding source: Local Funding
Redev. funding entity name: Not reported
Redevelopment start date: 11-Jan-06
Assessment funding entity: Not reported
Cleanup funding entity: EPA Emergency Response
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 96529301
Ownership entity: Government
Current owner: South Bend Redevelopment Commission
Did owner change: N
Cleanup required: Yes
Video available: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Photo available: Yes
Institutional controls required: N
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 1-Jan-02
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Y
PCBs cleaned up: Y
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Y
VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: 85
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 39
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 39
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Recipient name: South Bend, City of
Grant type: Cleanup
Property name: FORMER SOUTH BEND STAMPING PLANT PROPERTY
Property #: 018-8021-0849 018-8021-0849.01
Parcel size: 39
Property Description: Studebaker automobile final assembly plant in the 1920, auto stamping plant 1964-1999, purchased through bankruptcy by the City in March 2002.
Latitude: 41.661781
Longitude: -86.257089
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 15180
Start date: 25-Jun-04
Completed date: 31-Dec-07
Acres cleaned up: 39
Cleanup funding: 40000
Cleanup funding source: Local Funding
Assessment funding: Not reported
Assessment funding source: Not reported
Redevelopment funding: 8233800
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: 11-Jan-06
Assessment funding entity: Not reported
Cleanup funding entity: Not reported
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 96529301
Ownership entity: Government
Current owner: South Bend Redevelopment Commission
Did owner change: N
Cleanup required: Yes
Video available: No
Photo available: Yes
Institutional controls required: N
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 1-Jan-02
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Y
PCBs cleaned up: Y
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Y
VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs:85
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 39
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 39
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: N

Recipient name: South Bend, City of
Grant type: Cleanup
Property name: FORMER SOUTH BEND STAMPING PLANT PROPERTY
Property #: 018-8021-0849 018-8021-0849.01
Parcel size: 39
Property Description: Studebaker automobile final assembly plant in the 1920, auto stamping plant 1964-1999, purchased through bankruptcy by the City in March 2002.
Latitude: 41.661781
Longitude: -86.257089
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 15180
Start date: 25-Jun-04
Completed date: 31-Dec-07
Acres cleaned up: 39
Cleanup funding: 40000
Cleanup funding source: Local Funding

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Assessment funding: Not reported
Assessment funding source: Not reported
Redevelopment funding: 22254000
Redev. funding source: Local Funding
Redev. funding entity name: Not reported
Redevelopment start date: 11-Jan-06
Assessment funding entity: Not reported
Cleanup funding entity: Not reported
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 96529301
Ownership entity: Government
Current owner: South Bend Redevelopment Commission
Did owner change: N
Cleanup required: Yes
Video available: No
Photo available: Yes
Institutional controls required: N
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 1-Jan-02
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Y
PCBs cleaned up: Y
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Y
VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: 85
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 39
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 39
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: N

Recipient name: South Bend, City of
Grant type: Cleanup
Property name: FORMER SOUTH BEND STAMPING PLANT PROPERTY
Property #: 018-8021-0849 018-8021-0849.01
Parcel size: 39
Property Description: Studebaker automobile final assembly plant in the 1920, auto stamping plant 1964-1999, purchased through bankruptcy by the City in March 2002.

Latitude: 41.661781
Longitude: -86.257089
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 15180
Start date: 25-Jun-04
Completed date: 31-Dec-07
Acres cleaned up: 39
Cleanup funding: 405237
Cleanup funding source: Other Federal Funding
Assessment funding: Not reported
Assessment funding source: Not reported
Redevelopment funding: 8233800
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: 11-Jan-06
Assessment funding entity: Not reported
Cleanup funding entity: EPA Emergency Response
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 96529301
Ownership entity: Government
Current owner: South Bend Redevelopment Commission
Did owner change: N
Cleanup required: Yes
Video available: No
Photo available: Yes
Institutional controls required: N
IC Category proprietary controls: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 1-Jan-02
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Y
PCBs cleaned up: Y
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Y
VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: 85
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 39
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 39
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: N

Recipient name: South Bend, City of
Grant type: BCRLF
Property name: FORMER SOUTH BEND STAMPING PLANT PROPERTY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Property #: 018-8021-0849 018-8021-0849.01
Parcel size: 39
Property Description: Studebaker automobile final assembly plant in the 1920, auto stamping plant 1964-1999, purchased through bankruptcy by the City in March 2002.

Latitude: 41.661781
Longitude: -86.257089
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 15180
Start date: 20-Sep-10
Completed date: 28-Dec-10
Acres cleaned up: 1
Cleanup funding: 69975
Cleanup funding source: US EPA - Brownfields RLF Loan
Assessment funding: Not reported
Assessment funding source: Not reported
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: Not reported
Cleanup funding entity: EPA
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 00E97101
Ownership entity: Government
Current owner: South Bend Redevelopment Commission
Did owner change: N
Cleanup required: Yes
Video available: No
Photo available: Yes
Institutional controls required: N
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 1-Jan-02
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Y
PCBs cleaned up: Y
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Y
VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 39
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 39
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: N

Recipient name: South Bend, City of
Grant type: BCRLF
Property name: FORMER SOUTH BEND STAMPING PLANT PROPERTY
Property #: 018-8021-0849 018-8021-0849.01
Parcel size: 39
Property Description: Studebaker automobile final assembly plant in the 1920, auto stamping plant 1964-1999, purchased through bankruptcy by the City in March 2002.
Latitude: 41.661781
Longitude: -86.257089
HCM label: Address Matching-House Number
Map scale: 1:24,000
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 15180
Start date: 20-Sep-10
Completed date: 28-Dec-10
Acres cleaned up: 1
Cleanup funding: 109556
Cleanup funding source: Local Funding
Assessment funding: Not reported
Assessment funding source: Not reported
Redevelopment funding: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: Not reported
Cleanup funding entity: South Bend TIF
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 00E97101
Ownership entity: Government
Current owner: South Bend Redevelopment Commission
Did owner change: N
Cleanup required: Yes
Video available: No
Photo available: Yes
Institutional controls required: N
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 1-Jan-02
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Y
PCBs cleaned up: Y
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER SOUTH BEND STAMPING PLANT PROPERTY (Continued)

1014948941

VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 39
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 39
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: N

G35
South
1/4-1/2
0.323 mi.
1708 ft.

ALLIED PRODUCTS CORPORATION
601 W BROADWAY
SOUTH BEND, IN 46618
Site 3 of 4 in cluster G

LUST U003949998
UST N/A

Relative:
Higher

LUST:
Facility ID: 10470
Incident Number: 199012535
Affected Area: Soil
Description: NFA-UST Branch Guidance Manual
Priority: Low

Actual:
733 ft.

Facility ID: 10470
Incident Number: 199008539
Affected Area: Soil
Description: NFA-UST Branch Guidance Manual
Priority: Low

UST:
Facility ID: 10470
Owner Id: 5674
Company Name: Allied Products Corp
Mailing Address: 601 W Broadway % Gene Risley
Mailing Address 2: Not reported
Mailing City, St, Zip: South Bend, IN 46618

Tank Number: 1
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Kerosene

Tank Number: 2
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Gasoline

Tank Number: 3
Install Date: 10/04/1993
Tank Status: Permanently Out of Service
Substance Desc: Gasoline

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

36
SSE
 1/4-1/2
 0.326 mi.
 1719 ft.

AMERICAN MEDICAL OXYGEN SALES CORPORATION
228 W BROADWAY
SOUTH BEND, IN 46601

BROWNFIELDS **S108088358**
 N/A

Relative:
Higher

IN BROWNFIELD:
 Facility ID: 4060044
 Project Manager: Kyle Hendrix
 AI Id: 100893

Actual:
735 ft.

G37
South
 1/4-1/2
 0.330 mi.
 1743 ft.

ECKLER LAHEY LUMBER COMPANY
1406 S FRANKLIN ST
SOUTH BEND, IN 46613
Site 4 of 4 in cluster G

LUST **U003142201**
UST **N/A**

Relative:
Higher

LUST:
 Facility ID: 18914
 Incident Number: 199404513
 Affected Area: Soil
 Description: NFA-RISC residential soil & Industrial groundwater
 Priority: Low

Actual:
733 ft.

UST:
 Facility ID: 18914
 Owner Id: 11104
 Company Name: Eckler Lahey Lumber Company
 Mailing Address: 1406 S Franklin St
 Mailing Address 2: Not reported
 Mailing City,St,Zip: South Bend, IN 46613

Tank Number: 1
 Install Date: 01/01/1945
Tank Status: Permanently Out of Service
 Substance Desc: Unknown

Tank Number: 2
 Install Date: 01/01/1965
Tank Status: Permanently Out of Service
 Substance Desc: Unknown

Tank Number: 3
 Install Date: 01/01/1978
Tank Status: Permanently Out of Service
 Substance Desc: Unknown

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

38
SSE
1/4-1/2
0.340 mi.
1795 ft.

OLD FORT BUILDING SUPPLY
1401 S MAIN
SOUTH BEND, IN 46613

LUST **U003210018**
N/A

Relative:
Higher

LUST:
Facility ID: 20897
Incident Number: 199102511
Affected Area: Soil
Description: Discontinued (active)
Priority: Low

Actual:
735 ft.

H39
East
1/4-1/2
0.340 mi.
1796 ft.

ZIKER CLEANERS INC
247-251 E SAMPLE
SOUTH BEND, IN 46618

LUST **U000188982**
UST **N/A**

Site 1 of 2 in cluster H

Relative:
Lower

LUST:
Facility ID: 7447
Incident Number: 199811514
Affected Area: Soil
Description: NFA-RISC industrial soil and ground water
Priority: Medium

Actual:
727 ft.

Facility ID: 7447
Incident Number: 199811514
Affected Area: Groundwater
Description: NFA-RISC industrial soil and ground water
Priority: Medium

UST:
Facility ID: 7447
Owner Id: 6994
Company Name: Ziker Cleaners Inc
Mailing Address: 247-251 E Sample
Mailing Address 2: Not reported
Mailing City, St, Zip: South Bend, IN 46601

Tank Number: 1
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Hazardous Petro

Tank Number: 2
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Hazardous Petro

Tank Number: 3
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Hazardous Petro

Tank Number: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIKER CLEANERS INC (Continued)

U000188982

Install Date: Not reported
Tank Status: **Permanently Out of Service**
Substance Desc: Hazardous Petro

Tank Number: 5
Install Date: Not reported
Tank Status: **Permanently Out of Service**
Substance Desc: Used Oil

Tank Number: 6
Install Date: Not reported
Tank Status: **Permanently Out of Service**
Substance Desc: Hazardous Petro

H40
East
1/4-1/2
0.342 mi.
1808 ft.

ZIKER CLEANERS INCORPORATED
251 E SAMPLE ST
SOUTH BEND, IN 46601
Site 2 of 2 in cluster H

RCRA-SQG **1000979192**
FINDS **IN0000936740**
MANIFEST
AUL
DRYCLEANERS

Relative:
Lower

RCRA-SQG:

Date form received by agency: 01/05/2009
Facility name: ZIKER CLEANERS INCORPORATED
Facility address: 251 E SAMPLE ST
SOUTH BEND, IN 46601
EPA ID: IN0000936740
Contact: JOHN MERTES
Contact address: 251 E SAMPLE ST
SOUTH BEND, IN 46601
Contact country: US
Contact telephone: (574) 287-2887
Contact email: JMERTES@ZIKERCLEANERS.COM
EPA Region: 05
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:
727 ft.

Owner/Operator Summary:

Owner/operator name: DAVID ZIKER
Owner/operator address: 251 E SAMPLE ST
SOUTH BEND, IN 46601
Owner/operator country: Not reported
Owner/operator telephone: (574) 287-2887
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/28/2002
Owner/Op end date: Not reported

Owner/operator name: NAME NOT LISTED
Owner/operator address: Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIKER CLEANERS INCORPORATED (Continued)

1000979192

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/11/1111
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/27/2007
Facility name: ZIKER CLEANERS INCORPORATED
Site name: ZIKER CLEANERS INC
Classification: Small Quantity Generator

Date form received by agency: 11/16/1994
Facility name: ZIKER CLEANERS INCORPORATED
Site name: ZIKER CLEANERS INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 04/13/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/07/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIKER CLEANERS INCORPORATED (Continued)

1000979192

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110003067760

Environmental Interest/Information System

IN-FRS (Indiana - Facility Registry System). The Indiana Department of Environmental Management (I-DEM) has implemented the Indiana-Facility Registry System (I-FRS). The I-FRS provides the interface and processes to link facility data monitored by multiple State and EPA program systems. In addition, I-FRS enables IDEM to reconcile environmental data and exchange it with EPA FRS using the electronic data exchange over the Network Node.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IN MANIFEST:

EPA ID: IN0000936740
Year: 2010
Tons Generated: 0.00
Tons Shipped OffSite: 3.3

Manifest Handler:

EPA Id #: IN0000936740
Generator Type: SQG
Generator Status: Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: 251 E SAMPLE ST
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46601
Contact Last Name: MERTES
Contact First Name: JOHN
Contact Telephone: 574-287-2887
Contact Type: B

Receiver Records:

Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIKER CLEANERS INCORPORATED (Continued)

1000979192

Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: IN0000936740
Actual Generator Type: 2
Waste Description Shipped: RQ, WASTE PETROLEUM DISTILLATES, NOS (NAPHTHA)
Shipped File Page Number: 1
Number Of TSD Facilities: 1
Waste Codes on Page Number: 1
Waste Code: D001
Tons Of Waste Shipped Year: 4.79050
TSD Facility EPA ID: OHD980587364
TSD Name: SAFETY KLEEN SYSTEMS INC
Facility Address 2: Not reported

Transporter Records:

Report Year: 2006
Generator EPA ID: IN0000936740
Page Number of Report: 1
TSD EPA Id: GAD981269095
Num Of Transporters Used: 1

Submitted Records:

EPA Id: IN0000936740
Report Type: Annual report
Contact Name: JOHN MERTES
Phone: 574-287-2887
Contact Address: 251 E SAMPLE ST
Contact Address2: Not reported
Contact City/State/Zip: SOUTH BEND, IN 46601

Waste Report:

EPA Id: IN0000936740
Report Type: Annual report
Page #: 1
Amount Generated: 0
Generated Unit Of Measure: Not reported
Amount Shipped: 7738.5
Shipped Unit Of Measure: pounds
TSD Id: OHD980587364
TSD Name: SAFETY KLEEN SYSTEMS INC
System Type: H020
Source Code: Not reported
Form Code: Not reported
Description: RQ, WASTE PETROLEUM DISTILLATES, NOS (NAPHTHA)

EPA ID: IN0000936740
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IN0000936740
Year: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIKER CLEANERS INCORPORATED (Continued)

1000979192

Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IN0000936740
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IN0000936740
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

[Click this hyperlink](#) while viewing on your computer to access
4 additional IN MANIFEST: record(s) in the EDR Site Report.

AUL:

IC TYPE: Environmental Restrictive Covenant
Facility Id: 7447
Program Area: LUST
Affected Media: SubSurface Soil Ground Water
Date Ic Recorded: 07/25/2007
Description: Not reported
Control Method A: ALU - Agricultural or Food Crop
Coverage A: Entire Property
Chemicals Of Concern A: TPH - Total Petroleum Hydrocarbons
Comments A: Not reported
Control Method B: ALU - Ground Water Use Restriction
Coverage B: Entire Property
Chemicals Of Concern B: VOC - Volatile Organic Compounds
Comments B: Not reported
Control Method C: ALU - Residential Use Restriction
Coverage C: Entire Property
Chemicals Of Concern C: TPH - Total Petroleum Hydrocarbons
Comments C: Not reported
Control Method D: Not reported
Coverage D: Not reported
Chemicals Of Concern D: Not reported
Comments D: Not reported
Control Method E: Not reported
Coverage E: Not reported
Chemicals Of Concern E: Not reported
Comments E: Not reported
Control Method F: Not reported
Coverage F: Not reported
Chemicals Of Concern F: Not reported
Comments F: Not reported
Control Method G: Not reported
Coverage G: Not reported
Chemicals Of Concern G: Not reported
Comments G: Not reported
Control Method H: Not reported
Coverage H: Not reported
Chemicals Of Concern H: Not reported
Comments H: Not reported
Control Method I: Not reported
Coverage I: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZIKER CLEANERS INCORPORATED (Continued)

1000979192

Chemicals Of Concern I: Not reported
Comments I: Not reported

IN Dryclean:

Facility ID: IN0503227
Alias Name: Not reported
Facility Telephone: 219/287-2887
Contact Name: BONNIE HENRY
Contact Phone: Not reported
Address: 251 E SAMPLE ST
City: SOUTH BEND
State: IN
Zip Code: 46601
Zip4: 3498
Comment: PETROLEUM PER DAVE WINTZ 2/2/01
Violation: Not reported
Perc Gallons: 0
Estimated Perc Gallons: Not reported
RMEN Closed: No
Other: No
Int Received Date: 02/25/94
Prev Received Date: Not reported
Cntrl Received Date: Not reported
Class/Mach: Not reported
Five Star: Not reported
Cmpl Action: Not reported
Inspection Date: Not reported
Inspector: Not reported
Mailed Date: Not reported
Status: PET
Cause: Not reported
Date Response: 1/28/00
PO Notes: Not reported

41
WNW
1/4-1/2
0.345 mi.
1819 ft.

MECHANIC'S LAUNDRY
835 PRAIRIE AVE
SOUTH BEND, IN

VCP 1004230900
N/A

Relative:
Lower

VCP:

Actual:
724 ft.

Status: Active
VRP Id Number: 6980704
Applicant Name: Mechanics Laundry
LandUse Restrictions/Institutional Controls: Not reported
Project Manager: Ridley
Convenant Not To Sue Date: Not reported
Certificate of Completion Date: Not reported
New Coding Number: VN0JK
App# Date: 17-Jul-98
App# Acceptance: Not reported
VRA executed: 10-Feb-99
RWP Received: 17-Oct-06
RWP Approved: Not reported
Comp Date: Not reported
Comments: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

I42 **VACANT BUILDING**
NNE **613 S MICHIGAN**
1/4-1/2 **SOUTH BEND, IN 46601**
0.382 mi.
2018 ft. **Site 1 of 2 in cluster I**

LUST **U001543786**
UST **N/A**

Relative: LUST:
Lower Facility ID: 18839
 Incident Number: 199311523
Actual: Affected Area: Soil
716 ft. Description: NFA-UST Branch Guidance Manual
 Priority: Low

UST:
Facility ID: 18839
Owner Id: 11028
Company Name: Nathan D Altman Family Trust
Mailing Address: 202 S Michigan
Mailing Address 2: Not reported
Mailing City,St,Zip: South Bend, IN 46601

Tank Number: 1
Install Date: Not reported
Tank Status: **Permanently Out of Service**
Substance Desc: Used Oil

I43 **DREISBACH CAD OLDS GMC TRUCK INC**
NNE **602 S MICHIGAN ST**
1/4-1/2 **SOUTH BEND, IN 46601**
0.392 mi.
2070 ft. **Site 2 of 2 in cluster I**

LUST **1000463862**
UST **N/A**

Relative: LUST:
Lower Facility ID: 12871
 Incident Number: 199806546
Actual: Affected Area: Soil
716 ft. Description: NFA-UST Branch Guidance Manual
 Priority: Low

UST:
Facility ID: 12871
Owner Id: 5955
Company Name: Dreisbach Cad-Olds-gmc Truck Inc
Mailing Address: 602 S Michigan St
Mailing Address 2: Not reported
Mailing City,St,Zip: South Bend, IN 46601

Tank Number: 1
Install Date: 01/01/1957
Tank Status: **Permanently Out of Service**
Substance Desc: Used Oil

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

44
West
1/4-1/2
0.410 mi.
2166 ft.

AMERICAN HI-LIFT (VACANT)
828 KERR ST
SOUTH BEND, IN 46601

LUST **U001322358**
UST **N/A**

Relative:
Lower

LUST:
 Facility ID: 18593
 Incident Number: 199304092
 Affected Area: Soil
 Description: NFA-UST Branch Guidance Manual
 Priority: Low

Actual:
724 ft.

UST:
 Facility ID: 18593
 Owner Id: 10796
 Company Name: American Hi-Lift
 Mailing Address: 1001 W Eules Blvd Suite 300
 Mailing Address 2: Not reported
 Mailing City,St,Zip: Eules, TX 76040

Tank Number: 1
 Install Date: Not reported
Tank Status: Permanently Out of Service
 Substance Desc: Unknown

Tank Number: 2
 Install Date: Not reported
Tank Status: Permanently Out of Service
 Substance Desc: Unknown

J45
NW
1/4-1/2
0.412 mi.
2177 ft.

MILLENIUM ENVIRONMENTAL
604 S SCOTT ST
SOUTH BEND, IN 46601
Site 1 of 4 in cluster J

SPILLS **S103798145**
BROWNFIELDS **N/A**

Relative:
Lower

SPILL:
 Facility ID: 199206090
 Incident Date: 06/16/1992
 Report Date: 06/16/1992
 Material: Mercaptan
 Spill Source: Commercial
 Recovered Amount: 0
 Recovered Units: Pounds
 Spilled Amount: 1
 Spilled Units: Pounds
 Contained: N
 Water Affected: None
 Spill Type: Air
 Area Affected: Air
 Fish Killed: 0
 Water Supply Affected: N
 Public Intake: Not reported

Actual:
725 ft.

Facility ID: 199302077
 Incident Date: 02/08/1993
 Report Date: 02/09/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLENIUM ENVIRONMENTAL (Continued)

S103798145

Material: Fuel Blend Ot F-000 Waste
Spill Source: Industrial
Recovered Amount: 20
Recovered Units: Gallons
Spilled Amount: 20
Spilled Units: Gallons
Contained: Y
Water Affected: None
Spill Type: Spill
Area Affected: 5 Sq Ft
Fish Killed: 0
Water Supply Affected: N
Public Intake: Not reported

IN BROWNFIELD:

Facility ID: 4100301
Project Manager: Tracy Concannon
AI Id: 29595

**J46
NW
1/4-1/2
0.412 mi.
2177 ft.**

**INDUSTRIAL FUELS & RESOURCES CHEM SOLV
604 SOUTH SCOTT STREET
SOUTH BEND, IN 46626
Site 2 of 4 in cluster J**

**RCRA-TSDF 1000703852
CERC-NFRAP IND980590947
CORRACTS
RCRA NonGen / NLR
FINDS
RAATS
MANIFEST
MANIFEST
AIRS**

**Relative:
Lower**

**Actual:
725 ft.**

RCRA-TSDF:

Date form received by agency: 08/27/2002
Facility name: MEI-IN
Facility address: 604 S SCOTT ST
SOUTH BEND, IN 46601
EPA ID: IND980590947
Mailing address: 267 COMMUNITY DR
SMITHTOWN, NY 11787
Contact: LARRY FRY
Contact address: 604 S SCOTT ST
SOUTH BEND, IN 46601
Contact country: US
Contact telephone: (219) 234-0441
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MEI-IN
Owner/operator address: 604 S SCOTT ST
SOUTH BEND, IN 46601
Owner/operator country: Not reported
Owner/operator telephone: (219) 234-0441

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: MEI-IN
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/27/2002
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/23/2001
Facility name: MEI-IN
Site name: MILLENNIUM ENVIRONMENTAL INC
Classification: Large Quantity Generator

Date form received by agency: 08/05/1999
Facility name: MEI-IN
Classification: Large Quantity Generator

Date form received by agency: 03/19/1998
Facility name: MEI-IN
Site name: ENVIRONMENTAL SERVICES OF AMERICA
Classification: Large Quantity Generator

Date form received by agency: 03/21/1996
Facility name: MEI-IN
Site name: ENVIRONMENTAL SERVICES OF AMERICA
Classification: Large Quantity Generator

Date form received by agency: 09/06/1994
Facility name: MEI-IN
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Date form received by agency: 02/23/1994
Facility name: MEI-IN
Site name: INDUSTRIAL FUELS & RESOURCES, INC
Classification: Large Quantity Generator

Date form received by agency: 03/30/1992
Facility name: MEI-IN
Site name: INDUSTRIAL FUELS & RESOURCES
Classification: Large Quantity Generator

Date form received by agency: 11/24/1980
Facility name: MEI-IN
Classification: Not a generator, verified

Corrective Action Summary:

Event date: 10/04/1990
Event: RFA Completed

Event date: 01/22/1993
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;

Event date: 03/31/1994
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Facility Has Received Notices of Violations:

Regulation violated: FR - 268.50
Area of violation: LDR - General
Date violation determined: 02/09/2001
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.173
Area of violation: TSD - Container Use and Management
Date violation determined: 02/09/2001
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.13
Area of violation: TSD - General Facility Standards

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Date violation determined: 02/09/2001
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.31
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 02/09/2001
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 02/09/2001
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.35
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 02/09/2001
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.177
Area of violation: TSD - Container Use and Management
Date violation determined: 02/09/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.14
Area of violation: TSD - General Facility Standards
Date violation determined: 02/09/2001
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.1088
Area of violation: Generators - Pre-transport
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.73
Area of violation: TSD - General
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.41
Area of violation: Generators - Records/Reporting
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.16
Area of violation: TSD - General Facility Standards
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.32
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.193
Area of violation: TSD - Tank System Standards
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.193
Area of violation: TSD - Tank System Standards
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.1085
Area of violation: Generators - Pre-transport
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.41
Area of violation: Generators - Records/Reporting
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.16
Area of violation: TSD - General Facility Standards
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.32
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.31
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.14
Area of violation: TSD - General Facility Standards
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.73
Area of violation: TSD - General
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.14
Area of violation: TSD - General Facility Standards
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.1085
Area of violation: Generators - Pre-transport
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.31
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.1088
Area of violation: Generators - Pre-transport
Date violation determined: 07/18/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 04/27/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 04/27/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 04/27/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/16/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.14
Area of violation: TSD - General Facility Standards
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.193
Area of violation: TSD - Tank System Standards
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a3
Area of violation: Generators - Pre-transport
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.194
Area of violation: TSD - Tank System Standards
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.50
Area of violation: LDR - General
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34c1
Area of violation: Generators - Pre-transport
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Paid penalty amount: 0

Regulation violated: FR - 262.34/265.171
Area of violation: Generators - Pre-transport
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.193
Area of violation: TSD - Tank System Standards
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.173
Area of violation: TSD - Container Use and Management
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

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1000703852

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.50
Area of violation: LDR - General
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.14
Area of violation: TSD - General Facility Standards
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.31
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.196

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1000703852

Area of violation: TSD - Tank System Standards
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a2
Area of violation: Generators - Pre-transport
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.35
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.16
Area of violation: TSD - General Facility Standards
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.31
Area of violation: TSD - Preparedness and Prevention

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.194
Area of violation: TSD - Tank System Standards
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.1064
Area of violation: Generators - Pre-transport
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.12c
Area of violation: Generators - General
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.41
Area of violation: Generators - Records/Reporting
Date violation determined: 02/29/2000

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1000703852

Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.1064
Area of violation: Generators - Pre-transport
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.196
Area of violation: TSD - Tank System Standards
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.52
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.16
Area of violation: TSD - General Facility Standards
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.173
Area of violation: TSD - Container Use and Management
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.12c
Area of violation: Generators - General
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34c1
Area of violation: Generators - Pre-transport
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.73
Area of violation: TSD - General
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State

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1000703852

Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.73
Area of violation: TSD - General
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.52
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a3
Area of violation: Generators - Pre-transport
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION

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1000703852

Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.41
Area of violation: Generators - Records/Reporting
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.171
Area of violation: Generators - Pre-transport
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a2
Area of violation: Generators - Pre-transport
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.35
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 02/29/2000
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.54
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.54
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.16
Area of violation: TSD - General Facility Standards
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.35
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.73
Area of violation: TSD - General
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.50
Area of violation: LDR - General
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

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Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.73
Area of violation: TSD - General
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.35
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.16
Area of violation: TSD - General Facility Standards
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

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1000703852

Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.52
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.50
Area of violation: LDR - General
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.52
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

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Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 12/16/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.142
Area of violation: TSD - Financial Requirements
Date violation determined: 10/25/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.142
Area of violation: TSD - Financial Requirements
Date violation determined: 10/25/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 264.35
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 09/09/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Paid penalty amount: 0

Regulation violated: FR - 268.50
Area of violation: LDR - General
Date violation determined: 09/09/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.35
Area of violation: Generators - Pre-transport
Date violation determined: 09/09/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.35
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 09/09/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 09/09/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

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Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Regulation violated: FR - 268.50
Area of violation: LDR - General
Date violation determined: 09/09/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 09/09/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.35
Area of violation: Generators - Pre-transport
Date violation determined: 09/09/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.35
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 05/11/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.7

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EDR ID Number
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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Area of violation: LDR - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.173a
Area of violation: Generators - Pre-transport
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.73
Area of violation: TSD - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 264.73
Area of violation: TSD - General

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.50
Area of violation: LDR - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.50
Area of violation: LDR - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 264.174
Area of violation: TSD - Container Use and Management
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 264.1082
Area of violation: TSD - General
Date violation determined: 03/23/1999

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.31
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 264.73
Area of violation: TSD - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 264.1082
Area of violation: TSD - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 264.173
Area of violation: TSD - Container Use and Management
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.173a
Area of violation: Generators - Pre-transport
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 264.35
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.35
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 264.174
Area of violation: TSD - Container Use and Management
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.1082
Area of violation: TSD - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement action date: 02/01/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.31
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.173a
Area of violation: Generators - Pre-transport
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.173
Area of violation: TSD - Container Use and Management
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.50
Area of violation: LDR - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.173
Area of violation: TSD - Container Use and Management
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/2000
Enf. disposition status: Not reported

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.31
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.35
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.174
Area of violation: TSD - Container Use and Management
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 62000
Paid penalty amount: 0

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 03/23/1999
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.73
Area of violation: TSD - General
Date violation determined: 12/14/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Proposed penalty amount: 0

Final penalty amount: 0

Paid penalty amount: 0

Regulation violated: FR - 262.11

Area of violation: Generators - General

Date violation determined: 12/14/1998

Date achieved compliance: 02/17/2010

Violation lead agency: State

Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION

Enforcement action date: 02/17/2010

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: 0

Final penalty amount: 0

Paid penalty amount: 0

Regulation violated: FR - 268.7

Area of violation: LDR - General

Date violation determined: 12/14/1998

Date achieved compliance: 02/17/2010

Violation lead agency: State

Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION

Enforcement action date: 02/17/2010

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: 0

Final penalty amount: 0

Paid penalty amount: 0

Regulation violated: FR - 265.173b

Area of violation: Generators - Pre-transport

Date violation determined: 12/14/1998

Date achieved compliance: 02/17/2010

Violation lead agency: State

Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION

Enforcement action date: 02/17/2010

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: 0

Final penalty amount: 0

Paid penalty amount: 0

Regulation violated: FR - 262.34c1ii

Area of violation: Generators - Pre-transport

Date violation determined: 12/14/1998

Date achieved compliance: 02/17/2010

Violation lead agency: State

Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION

Enforcement action date: 02/17/2010

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: 0

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.173a
Area of violation: Generators - Pre-transport
Date violation determined: 12/14/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.173b
Area of violation: Generators - Pre-transport
Date violation determined: 09/29/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a
Area of violation: Generators - Pre-transport
Date violation determined: 09/29/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.173a
Area of violation: Generators - Pre-transport
Date violation determined: 09/29/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Paid penalty amount: 0

Regulation violated: FR - 265.14
Area of violation: TSD - General Facility Standards
Date violation determined: 09/29/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a3
Area of violation: Generators - Pre-transport
Date violation determined: 09/29/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.31
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 09/29/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.35
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 09/29/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Regulation violated: FR - 264.73
Area of violation: TSD - General
Date violation determined: 09/29/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.71
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 279.53
Area of violation: Used Oil - Generators
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.1084
Area of violation: TSD - General
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a3

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Area of violation: Generators - Pre-transport
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.193
Area of violation: TSD - Tank System Standards
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.195
Area of violation: TSD - Tank System Standards
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.31
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.31
Area of violation: TSD - Preparedness and Prevention

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.15
Area of violation: TSD - General Facility Standards
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a2
Area of violation: Generators - Pre-transport
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.71
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a2
Area of violation: Generators - Pre-transport
Date violation determined: 08/11/1998

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.193
Area of violation: TSD - Tank System Standards
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.1087
Area of violation: TSD - General
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.194
Area of violation: TSD - Tank System Standards
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a3
Area of violation: Generators - Pre-transport
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 279.53
Area of violation: Used Oil - Generators
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.1084
Area of violation: TSD - General
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.15
Area of violation: TSD - General Facility Standards
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.195
Area of violation: TSD - Tank System Standards
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.1087
Area of violation: TSD - General
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.194
Area of violation: TSD - Tank System Standards
Date violation determined: 08/11/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State

Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.196
Area of violation: Generators - Pre-transport
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State

Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.173
Area of violation: TSD - Container Use and Management
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State

Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 279.54g
Area of violation: Used Oil - Generators
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 279.54b
Area of violation: Used Oil - Generators
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.21
Area of violation: Generators - Manifest
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.173
Area of violation: TSD - Container Use and Management
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 279.54f
Area of violation: Used Oil - Generators
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 279.54f
Area of violation: Used Oil - Generators
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.21
Area of violation: Generators - Manifest
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.191
Area of violation: Generators - Pre-transport
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 279.54b
Area of violation: Used Oil - Generators
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

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1000703852

Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a
Area of violation: Generators - Pre-transport
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a
Area of violation: Generators - Pre-transport
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.196
Area of violation: TSD - Tank System Standards
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.1084
Area of violation: TSD - General
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.1084
Area of violation: TSD - General
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.191
Area of violation: Generators - Pre-transport
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

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Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.196
Area of violation: Generators - Pre-transport
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 279.54g
Area of violation: Used Oil - Generators
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.195
Area of violation: TSD - Tank System Standards
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.196
Area of violation: TSD - Tank System Standards
Date violation determined: 06/08/1998
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Paid penalty amount: 0

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 03/25/1998
Date achieved compliance: 07/29/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/11/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 264.52
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 03/25/1998
Date achieved compliance: 07/29/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/11/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34/265.173b
Area of violation: Generators - Pre-transport
Date violation determined: 03/25/1998
Date achieved compliance: 07/29/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/11/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a2
Area of violation: Generators - Pre-transport
Date violation determined: 03/25/1998
Date achieved compliance: 07/29/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/11/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Regulation violated: FR - 262.34c1ii
Area of violation: Generators - Pre-transport
Date violation determined: 03/25/1998
Date achieved compliance: 07/29/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/11/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.21
Area of violation: Generators - Manifest
Date violation determined: 03/25/1998
Date achieved compliance: 07/29/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/11/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 12/29/1997
Date achieved compliance: 02/26/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/16/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 12/29/1997
Date achieved compliance: 02/26/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/16/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.173b

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Area of violation: Generators - Pre-transport
Date violation determined: 09/30/1997
Date achieved compliance: 04/30/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/04/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a2
Area of violation: Generators - Pre-transport
Date violation determined: 09/30/1997
Date achieved compliance: 04/30/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/04/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 265.173a
Area of violation: Generators - Pre-transport
Date violation determined: 09/30/1997
Date achieved compliance: 04/30/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/04/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.50
Area of violation: LDR - General
Date violation determined: 09/30/1997
Date achieved compliance: 04/30/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/04/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a2
Area of violation: Generators - Pre-transport

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Date violation determined: 08/20/1997
Date achieved compliance: 04/30/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/20/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 268.50
Area of violation: LDR - General
Date violation determined: 08/20/1997
Date achieved compliance: 04/30/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/20/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.34a3
Area of violation: Generators - Pre-transport
Date violation determined: 08/20/1997
Date achieved compliance: 04/30/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/20/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 05/07/1997
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIA
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 02/19/1997

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 08/06/1996
Date achieved compliance: 08/29/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/29/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 06/18/1996
Date achieved compliance: 07/03/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 03/27/1996
Date achieved compliance: 05/06/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 12/15/1995
Date achieved compliance: 02/17/2010

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 12/15/1995
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 12/15/1995
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDI
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/17/1995
Date achieved compliance: 12/21/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 04/05/1995
Date achieved compliance: 02/17/2010
Violation lead agency: State

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 04/05/1995
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: STATE RCRA/REFER TO STATE SUPERF/REMEDIATION
Enforcement action date: 02/17/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 04/05/1995
Date achieved compliance: 02/17/2010
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 44500
Paid penalty amount: 44500

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 02/16/1995
Date achieved compliance: 06/12/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/16/1995
Date achieved compliance: 06/12/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement action date: 03/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 12/01/1994
Date achieved compliance: 03/10/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 08/29/1994
Date achieved compliance: 03/10/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 06/30/1994
Date achieved compliance: 08/29/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 06/30/1994
Date achieved compliance: 08/29/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CR 268.7(a)(7)
Area of violation: LDR - General
Date violation determined: 02/10/1994
Date achieved compliance: 02/28/1994
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/10/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/04/1994
Date achieved compliance: 04/08/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/01/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/04/1994
Date achieved compliance: 04/08/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/01/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 12/17/1993
Date achieved compliance: 03/15/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/1994
Enf. disposition status: Not reported

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/17/1993
Date achieved compliance: 03/15/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 12/17/1993
Date achieved compliance: 03/15/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 07/28/1993
Date achieved compliance: 08/09/1994
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/17/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 1000
Paid penalty amount: 1000

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 07/28/1993
Date achieved compliance: 08/09/1994
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/17/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 1000
Paid penalty amount: 1000

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 07/28/1993
Date achieved compliance: 08/09/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/11/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 07/28/1993
Date achieved compliance: 08/09/1994
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/17/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 1000
Paid penalty amount: 1000

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 07/28/1993
Date achieved compliance: 08/09/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/11/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 07/28/1993
Date achieved compliance: 08/09/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/11/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/28/1993
Date achieved compliance: 08/09/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/11/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/28/1993
Date achieved compliance: 08/09/1994
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/17/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 1000
Paid penalty amount: 1000

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 07/28/1993
Date achieved compliance: 08/09/1994
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/17/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 1000
Paid penalty amount: 1000

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 07/28/1993
Date achieved compliance: 08/09/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/11/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/03/1993
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/03/1993
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 02/03/1993
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/03/1993
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/03/1993
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 08/13/1992
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 44500
Paid penalty amount: 44500

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 08/13/1992
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/13/1992
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/13/1992
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 44500
Paid penalty amount: 44500

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/13/1992
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 44500
Paid penalty amount: 44500

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 08/13/1992
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 44500
Paid penalty amount: 44500

Regulation violated: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 08/13/1992
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/20/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 44500
Paid penalty amount: 44500

Regulation violated: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Area of violation: TSD - General
Date violation determined: 08/13/1992
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 08/13/1992
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 08/13/1992
Date achieved compliance: 04/05/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/30/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/20/1992
Date achieved compliance: 01/14/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/16/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards

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MAP FINDINGS

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Database(s)

EDR ID Number
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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Date violation determined: 02/20/1992
Date achieved compliance: 01/14/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/16/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 262.56
Area of violation: Generators - General
Date violation determined: 09/26/1991
Date achieved compliance: 11/18/1992
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 09/26/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 22800
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 262.56
Area of violation: Generators - General
Date violation determined: 09/26/1991
Date achieved compliance: 11/18/1992
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 11/18/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 22800
Final penalty amount: 13000
Paid penalty amount: 13000

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/24/1991
Date achieved compliance: 02/05/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/12/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 08/14/1991

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Date achieved compliance: 05/12/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/27/1991
Date achieved compliance: 02/17/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/02/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 01/31/1991
Date achieved compliance: 02/17/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/02/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/31/1991
Date achieved compliance: 02/17/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/02/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 01/31/1991
Date achieved compliance: 02/17/1994

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/02/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 09/28/1990
Date achieved compliance: 05/02/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/04/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 07/24/1990
Date achieved compliance: 05/02/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/04/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 05/24/1990
Date achieved compliance: 02/17/1994
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/21/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 13500
Paid penalty amount: 13500

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 05/24/1990
Date achieved compliance: 02/17/1994
Violation lead agency: State

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/02/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/30/1990
Date achieved compliance: 05/02/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/04/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 09/28/1989
Date achieved compliance: 02/28/1990
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 01/03/1989
Date achieved compliance: 05/30/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 09/29/1988
Date achieved compliance: 03/28/1989
Violation lead agency: State
Enforcement action: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 03/31/1988
Date achieved compliance: 03/28/1989
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 01/26/1988
Date achieved compliance: 04/12/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/28/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 11/30/1987
Date achieved compliance: 04/12/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/15/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 05/18/1987
Date achieved compliance: 11/16/1990
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

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EDR ID Number
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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:

Evaluation date: 02/17/2010
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/17/2010
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/17/2010
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/17/2010
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: LDR - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/17/2010
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Generators - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/17/2010
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Used Oil - Generators
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/17/2010
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Records/Reporting
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/17/2010
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/17/2010

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EDR ID Number
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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation:	NOT A SIGNIFICANT NON-COMPLIER
Area of violation:	Generators - Manifest
Date achieved compliance:	02/17/2010
Evaluation lead agency:	State
Evaluation date:	02/17/2010
Evaluation:	NOT A SIGNIFICANT NON-COMPLIER
Area of violation:	TSD - Container Use and Management
Date achieved compliance:	02/17/2010
Evaluation lead agency:	State
Evaluation date:	02/17/2010
Evaluation:	NOT A SIGNIFICANT NON-COMPLIER
Area of violation:	TSD - General Facility Standards
Date achieved compliance:	02/17/2010
Evaluation lead agency:	State
Evaluation date:	02/17/2010
Evaluation:	NOT A SIGNIFICANT NON-COMPLIER
Area of violation:	Generators - Pre-transport
Date achieved compliance:	02/17/2010
Evaluation lead agency:	State
Evaluation date:	02/17/2010
Evaluation:	NOT A SIGNIFICANT NON-COMPLIER
Area of violation:	TSD - Manifest/Records/Reporting
Date achieved compliance:	02/17/2010
Evaluation lead agency:	State
Evaluation date:	02/17/2010
Evaluation:	NOT A SIGNIFICANT NON-COMPLIER
Area of violation:	TSD - Financial Requirements
Date achieved compliance:	02/17/2010
Evaluation lead agency:	State
Evaluation date:	08/27/2002
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	02/22/2002
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/13/2001
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/07/2001
Evaluation:	CASE DEVELOPMENT INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported

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EDR ID Number
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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation lead agency: State

Evaluation date: 02/09/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/09/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/09/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/09/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/18/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/18/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/18/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/18/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/18/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/18/2000

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EDR ID Number
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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/18/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/18/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/07/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/07/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/07/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/07/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Records/Reporting
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/07/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/07/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/07/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/2010

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation lead agency: State

Evaluation date: 07/07/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: LDR - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/07/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/07/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 04/27/2000
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/29/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/29/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/29/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/29/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/29/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/29/2000

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INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/29/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/29/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/29/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/29/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 12/16/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 12/16/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 12/16/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 12/16/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 12/16/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/17/2010

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Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation lead agency: State

Evaluation date: 12/16/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 12/16/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 10/25/1999
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 09/09/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 09/09/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 09/09/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 09/09/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/26/1999
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Used Oil - Generators
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/26/1999
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/26/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/26/1999
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: LDR - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/26/1999
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/29/1999
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Used Oil - Generators
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 07/29/1999
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 06/15/1999
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 06/15/1999
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 06/15/1999
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 06/15/1999
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: LDR - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 06/15/1999
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation lead agency: State

Evaluation date: 06/15/1999
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 06/15/1999
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 05/18/1999
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 05/11/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 03/23/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 03/23/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 03/23/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 03/23/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 03/23/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 03/23/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 03/23/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 12/14/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 12/14/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 12/14/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 12/14/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Manifest
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: LDR - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Used Oil - Generators
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 10/28/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 09/29/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 09/29/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 09/29/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 09/29/1998

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/11/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/11/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/11/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/11/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/11/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/11/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/11/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 06/08/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 06/08/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 02/17/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation lead agency: State

Evaluation date: 06/08/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 06/08/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 06/08/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 06/08/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 06/08/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 03/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 07/29/1998
Evaluation lead agency: State

Evaluation date: 03/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 07/29/1998
Evaluation lead agency: State

Evaluation date: 03/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 07/29/1998
Evaluation lead agency: State

Evaluation date: 03/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 07/29/1998
Evaluation lead agency: State

Evaluation date: 12/29/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/26/1998
Evaluation lead agency: State

Evaluation date: 12/29/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 02/26/1998
Evaluation lead agency: State

Evaluation date: 09/30/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/30/1998
Evaluation lead agency: State

Evaluation date: 09/30/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 04/30/1998
Evaluation lead agency: State

Evaluation date: 09/17/1997
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/20/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/30/1998
Evaluation lead agency: State

Evaluation date: 08/20/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 04/30/1998
Evaluation lead agency: State

Evaluation date: 05/07/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 02/19/1997
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - Manifest
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 09/24/1996
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation lead agency: State

Evaluation date: 08/06/1996
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 08/29/1996
Evaluation lead agency: State

Evaluation date: 08/06/1996
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/06/1996
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 06/18/1996
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/1996
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 07/03/1996
Evaluation lead agency: State

Evaluation date: 03/27/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 05/06/1996
Evaluation lead agency: State

Evaluation date: 12/15/1995
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 12/15/1995
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 12/15/1995
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 11/06/1995

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	09/14/1995
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	08/17/1995
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	TSD - General
Date achieved compliance:	12/21/1995
Evaluation lead agency:	State
Evaluation date:	06/09/1995
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	TSD - General
Date achieved compliance:	06/12/1995
Evaluation lead agency:	State
Evaluation date:	06/09/1995
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	TSD - Container Use and Management
Date achieved compliance:	06/12/1995
Evaluation lead agency:	State
Evaluation date:	04/26/1995
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	02/16/1995
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	02/16/1995
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	06/12/1995
Evaluation lead agency:	State
Evaluation date:	02/16/1995
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - Container Use and Management
Date achieved compliance:	06/12/1995
Evaluation lead agency:	State
Evaluation date:	12/01/1994
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	TSD - General
Date achieved compliance:	03/10/1995

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation lead agency: State

Evaluation date: 12/01/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - General
Date achieved compliance: 03/10/1995
Evaluation lead agency: State

Evaluation date: 10/07/1994
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 08/29/1994
Evaluation lead agency: State

Evaluation date: 10/07/1994
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - Tank System Standards
Date achieved compliance: 08/29/1994
Evaluation lead agency: State

Evaluation date: 09/30/1994
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/29/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 03/10/1995
Evaluation lead agency: State

Evaluation date: 08/26/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/25/1994
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - Tank System Standards
Date achieved compliance: 08/29/1994
Evaluation lead agency: State

Evaluation date: 08/25/1994
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 08/29/1994
Evaluation lead agency: State

Evaluation date: 06/30/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 08/29/1994
Evaluation lead agency: State

Evaluation date: 06/30/1994

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	TSD - Tank System Standards
Date achieved compliance:	08/29/1994
Evaluation lead agency:	State
Evaluation date:	02/04/1994
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	04/08/1994
Evaluation lead agency:	State
Evaluation date:	02/04/1994
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	04/08/1994
Evaluation lead agency:	State
Evaluation date:	12/17/1993
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	TSD - General Facility Standards
Date achieved compliance:	03/15/1994
Evaluation lead agency:	State
Evaluation date:	12/17/1993
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	TSD - General
Date achieved compliance:	03/15/1994
Evaluation lead agency:	State
Evaluation date:	12/17/1993
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Generators - General
Date achieved compliance:	03/15/1994
Evaluation lead agency:	State
Evaluation date:	12/09/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	LDR - General
Date achieved compliance:	02/28/1994
Evaluation lead agency:	EPA Contractor/Grantee
Evaluation date:	07/28/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - General
Date achieved compliance:	08/09/1994
Evaluation lead agency:	State
Evaluation date:	07/28/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General
Date achieved compliance:	08/09/1994
Evaluation lead agency:	State
Evaluation date:	07/28/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - Container Use and Management
Date achieved compliance:	08/09/1994

Map ID
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Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation lead agency: State

Evaluation date: 07/28/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/09/1994
Evaluation lead agency: State

Evaluation date: 07/28/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 08/09/1994
Evaluation lead agency: State

Evaluation date: 07/23/1993
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/03/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/05/1995
Evaluation lead agency: State

Evaluation date: 02/03/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 04/05/1995
Evaluation lead agency: State

Evaluation date: 02/03/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 04/05/1995
Evaluation lead agency: State

Evaluation date: 02/03/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/05/1995
Evaluation lead agency: State

Evaluation date: 02/03/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/05/1995
Evaluation lead agency: State

Evaluation date: 08/13/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 04/05/1995
Evaluation lead agency: State

Evaluation date: 08/13/1992

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 04/05/1995
Evaluation lead agency: State

Evaluation date: 08/13/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 04/05/1995
Evaluation lead agency: State

Evaluation date: 08/13/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/05/1995
Evaluation lead agency: State

Evaluation date: 08/13/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/17/2010
Evaluation lead agency: State

Evaluation date: 08/13/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/05/1995
Evaluation lead agency: State

Evaluation date: 05/01/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/20/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 01/14/1993
Evaluation lead agency: State

Evaluation date: 02/20/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/14/1993
Evaluation lead agency: State

Evaluation date: 09/26/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/26/1991
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 11/18/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation lead agency: EPA

Evaluation date: 09/24/1991
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/05/1992
Evaluation lead agency: State

Evaluation date: 08/14/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 05/12/1992
Evaluation lead agency: State

Evaluation date: 08/14/1991
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/26/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/27/1991
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - General
Date achieved compliance: 02/17/1994
Evaluation lead agency: State

Evaluation date: 01/31/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/17/1994
Evaluation lead agency: State

Evaluation date: 01/31/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/1994
Evaluation lead agency: State

Evaluation date: 01/31/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 02/17/1994
Evaluation lead agency: State

Evaluation date: 01/31/1991
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/31/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/17/1994
Evaluation lead agency: State

Evaluation date: 09/28/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 05/02/1994
Evaluation lead agency: State

Evaluation date: 08/01/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/24/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/02/1994
Evaluation lead agency: State

Evaluation date: 05/24/1990
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD - Tank System Standards
Date achieved compliance: 02/17/1994
Evaluation lead agency: State

Evaluation date: 04/02/1990
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/30/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/02/1994
Evaluation lead agency: State

Evaluation date: 09/28/1989
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: LDR - General
Date achieved compliance: 02/28/1990
Evaluation lead agency: State

Evaluation date: 09/28/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/28/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 01/03/1989
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: LDR - General
Date achieved compliance: 05/30/1989
Evaluation lead agency: State

Evaluation date: 01/03/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/29/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/29/1988
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: LDR - General
Date achieved compliance: 03/28/1989
Evaluation lead agency: State

Evaluation date: 03/31/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/16/1990
Evaluation lead agency: State

Evaluation date: 03/31/1988
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: LDR - General
Date achieved compliance: 03/28/1989
Evaluation lead agency: State

Evaluation date: 01/26/1988
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - Financial Requirements
Date achieved compliance: 04/12/1988
Evaluation lead agency: State

Evaluation date: 11/30/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 04/12/1988
Evaluation lead agency: State

CERC-NFRAP:

Site ID: 0505708
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Contact Sequence ID: 5353226.00000
Person ID: 5271194.00000

Program Priority:
Description: Great Lakes

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 01/15/1988
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 12/30/1988
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 12/30/1988
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

CORRACTS:

EPA ID: IND980590947
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 01/22/1993
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: IND980590947
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 03/31/1994
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: IND980590947
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 10/04/1990
Action: CA050 - RFA Completed
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

FINDS:

Registry ID: 110000613211

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

IN-FRS (Indiana - Facility Registry System). The Indiana Department of Environmental Management (I-DEM) has implemented the Indiana-Facility Registry System (I-FRS). The I-FRS provides the interface and processes to link facility data monitored by multiple State and EPA program systems. In addition, I-FRS enables IDEM to reconcile environmental data and exchange it with EPA FRS using the electronic data exchange over the Network Node.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: IND980590947
Country: USA
Mailing Name: MILLENNIUM ENVIRONMENTAL
Mailing Contact: JON L. BURKERT
Mailing Address: 604 S SCOTT ST
Mailing Address 2: Not reported
Mailing City: SOUTH BEND
Mailing State: IN
Mailing Zip: 46601
Mailing Zip4: 2822
Mailing Country: USA
Mailing Phone: 219-234-0441

Document ID: NYB7583175
Manifest Status: Completed copy
Trans1 State ID: 35762PNY
Trans2 State ID: Not reported
Generator Ship Date: 960412
Trans1 Recv Date: 960412
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960415

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Part A Recv Date: 960429
Part B Recv Date: 960425
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: NYD057770109
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00102
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00066
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00033
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00015
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 96

Document ID: NYB7583193
Manifest Status: Completed copy
Trans1 State ID: 35762ANY
Trans2 State ID: Not reported
Generator Ship Date: 960412
Trans1 Recv Date: 960412
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960415
Part A Recv Date: 960429
Part B Recv Date: 960425
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: NYD057770109
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00027
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Specific Gravity: 100
Year: 96

Document ID: NYB4958109
Manifest Status: Completed copy
Trans1 State ID: 70857SNY
Trans2 State ID: Not reported
Generator Ship Date: 960619
Trans1 Recv Date: 960619
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960621
Part A Recv Date: 960708
Part B Recv Date: 960708
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: NYD048148175
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00280
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 96

Document ID: NYG2310012
Manifest Status: Not reported
Trans1 State ID: IN0000640847
Trans2 State ID: Not reported
Generator Ship Date: 10/25/2000
Trans1 Recv Date: 10/25/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/27/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: Not reported
Waste Code: F003 - UNKNOWN
Quantity: 24000
Units: P - Pounds
Number of Containers: 080
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: NYG2310039
Manifest Status: Not reported
Trans1 State ID: IND000640847
Trans2 State ID: Not reported
Generator Ship Date: 11/30/2000

Map ID
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Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Trans1 Recv Date: 11/30/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/02/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: Not reported
Waste Code: F003 - UNKNOWN
Quantity: 03575
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 065
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: F004 - UNKNOWN
Quantity: 00450
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 006
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: NYG2311353
Manifest Status: Not reported
Trans1 State ID: NYD982792814
Trans2 State ID: Not reported
Generator Ship Date: 06/05/2000
Trans1 Recv Date: 06/05/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/07/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: 44571TNY
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 01200
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 02400
Units: P - Pounds
Number of Containers: 006
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00400
Units: P - Pounds

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00145
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2000

Document ID: NYG2311353
Manifest Status: Not reported
Trans1 State ID: NYD982792814
Trans2 State ID: Not reported
Generator Ship Date: 06/05/2000
Trans1 Recv Date: 06/05/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/07/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: 44571TNY
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00110
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00600
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2000

Map ID
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Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Document ID: NYG2311362
Manifest Status: Not reported
Trans1 State ID: NYD982792814
Trans2 State ID: Not reported
Generator Ship Date: 06/05/2000
Trans1 Recv Date: 06/05/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/07/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: 44571TNY
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00240
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 008
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 02600
Units: P - Pounds
Number of Containers: 010
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00735
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 017
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2000

Document ID: NYG2311371
Manifest Status: Not reported
Trans1 State ID: NYD982792814
Trans2 State ID: Not reported
Generator Ship Date: 06/05/2000
Trans1 Recv Date: 06/05/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/07/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: 44571TNY
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00005
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: U057 - CYCLOHEXANONE
Quantity: 13645
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: F005 - UNKNOWN
Quantity: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00020
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Document ID: NYG2311371
Manifest Status: Not reported
Trans1 State ID: NYD982792814
Trans2 State ID: Not reported
Generator Ship Date: 06/05/2000
Trans1 Recv Date: 06/05/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/07/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: 44571TNY
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00008
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00005
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2000

Map ID
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Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Document ID: NYB7583184
Manifest Status: Completed copy
Trans1 State ID: 35762ANY
Trans2 State ID: Not reported
Generator Ship Date: 960412
Trans1 Recv Date: 960412
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960415
Part A Recv Date: 960429
Part B Recv Date: 960425
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: NYD057770109
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00122
Units: P - Pounds
Number of Containers: 003
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00011
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00045
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00062
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 96

Document ID: NYA5496498
Manifest Status: Completed copy
Trans1 State ID: 75074B
Trans2 State ID: Not reported
Generator Ship Date: 880806
Trans1 Recv Date: 880806
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880808
Part A Recv Date: 880830
Part B Recv Date: 880817
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD982273518

Map ID
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Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 04455
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 081
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

Document ID: NYA5496633
Manifest Status: Completed copy
Trans1 State ID: 46343A
Trans2 State ID: Not reported
Generator Ship Date: 880802
Trans1 Recv Date: 880802
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880802
Part A Recv Date: 880809
Part B Recv Date: 880809
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD043815703
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 05050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 070
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 88

Document ID: NYA5496597
Manifest Status: Completed copy
Trans1 State ID: 79806ZNY
Trans2 State ID: Not reported
Generator Ship Date: 880813
Trans1 Recv Date: 880813
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880815
Part A Recv Date: 880830
Part B Recv Date: 880818
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD099328395
Trans2 EPA ID: Not reported
TSDF ID: NYD043815703
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 04070
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 074
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Year: 88

Document ID: NYA7330212
Manifest Status: Not reported
Trans1 State ID: NYD057770109
Trans2 State ID: Not reported
Generator Ship Date: 10/11/1999
Trans1 Recv Date: 10/11/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/11/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: 994504NY
Waste Code: U223 - TOLUENE DIISOCYANATE
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00430
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 006
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 008
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 99

Document ID: NYA7330221
Manifest Status: Not reported
Trans1 State ID: NYD057770109
Trans2 State ID: Not reported
Generator Ship Date: 10/11/1999
Trans1 Recv Date: 10/11/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/11/1999
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Part B Recv Date: Not reported
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: 99450VNY
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00229
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00044
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00030
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 006
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00180
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 004
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 99

Document ID: NYA7330239
Manifest Status: Not reported
Trans1 State ID: NYD057770109
Trans2 State ID: Not reported
Generator Ship Date: 10/11/1999
Trans1 Recv Date: 10/11/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/11/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: 994500NY
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Year: 99

Document ID: NYB1504683
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: NY86036D
Trans2 State ID: Not reported
Generator Ship Date: 921009
Trans1 Recv Date: 921009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921009
Part A Recv Date: 921117
Part B Recv Date: 921113
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD982792814
Trans2 EPA ID: Not reported
TSDf ID: NYD043815703
Waste Code: F003 - UNKNOWN
Quantity: 05000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYB4958118
Manifest Status: Completed copy
Trans1 State ID: 11878VNY
Trans2 State ID: Not reported
Generator Ship Date: 961230
Trans1 Recv Date: 961230
Trans2 Recv Date: Not reported
TSD Site Recv Date: 961231
Part A Recv Date: 970129
Part B Recv Date: 970122
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSDf ID: NYD057770109
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00350
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NYB4264281
Manifest Status: Not reported
Trans1 State ID: NYD057770109
Trans2 State ID: Not reported
Generator Ship Date: 02/24/1999
Trans1 Recv Date: 02/24/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/25/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: IND980590947
Trans1 EPA ID: NYD057770109
Trans2 EPA ID: Not reported
TSD ID: 14322HNY
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 11172
Units: P - Pounds
Number of Containers: 011
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 99

[Click this hyperlink](#) while viewing on your computer to access
36 additional NY_MANIFEST: record(s) in the EDR Site Report.

IN MANIFEST:

EPA ID: IND980590947
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: IND980590947
Generator Type: Not reported
Generator Status: Non Active
Transporter Type: Not reported
Transporter Status: Non Active
TSD Type: Interim or Enforcement TSD
TSD Status: Non Active
Handler Mailing Address: 267 COMMUNITY DR
Handler Mailing City: SMITHTOWN
Handler Mailing State: NY
Handler Mailing Zip: 11787
Contact Last Name: FRY
Contact First Name: LARRY
Contact Telephone: 574-234-0441
Contact Type: A

Receiver Records:

Report Year: Not reported
TSD EPA Id: Not reported
Page Number: Not reported
Sub Page: Not reported
Generator EPA ID: Not reported
Waste Description: Not reported
Quantity of Waste: Not reported
Quantity Rec Report Yrly Tons: Not reported
Unit of Measure: Not reported

Shipment Records:

Generator EPA Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Actual Generator Type: Not reported
Waste Description Shipped: Not reported
Shipped File Page Number: Not reported
Number Of TSD Facilities: Not reported
Waste Codes on Page Number: Not reported
Waste Code: Not reported
Tons Of Waste Shipped Year: Not reported
TSD Facility EPA ID: Not reported
TSD Name: Not reported
Facility Address 2: Not reported

Transporter Records:

Report Year: Not reported
Generator EPA ID: Not reported
Page Number of Report: Not reported
TSD EPA Id: Not reported
Num Of Transporters Used: Not reported

EPA ID: IND980590947
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND980590947
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

AIRS:

Status: Closed
Source ID: 00056
Responsible Official Name: Larry Fry
Responsible Official Phone: 219-234-0441
Mailing Street: 604 S Scott St
Mailing City,St,Zip: South Bend, IN 46601
SIC Code: 4953
Permit ID: 7448
Permit Level: FESOP
Subtype Qualifier: Not reported
Issue Date: 03/02/1998
Plant Id: Not reported
MAX of Year: Not reported
County FIPS: Not reported
Individual Plant ID: Not reported
Latitude: Not reported
Longitude: Not reported
SIC Primary: Not reported
NAICS Primary: Not reported
CO: Not reported
NOX: Not reported
PM10: Not reported
SO2: Not reported
VOC: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL FUELS & RESOURCES CHEM SOLV (Continued)

1000703852

Status: Closed
Source ID: 00056
Responsible Official Name: Larry Fry
Responsible Official Phone: 219-234-0441
Mailing Street: 604 S Scott St
Mailing City,St,Zip: South Bend, IN 46601
SIC Code: 4953
Permit ID: 8339
Permit Level: Construction
Subtype Qualifier: Administrative Amendment
Issue Date: 04/10/1997
Plant Id: Not reported
MAX of Year: Not reported
County FIPS: Not reported
Individual Plant ID: Not reported
Latitude: Not reported
Longitude: Not reported
SIC Primary: Not reported
NAICS Primary: Not reported
CO: Not reported
NOX: Not reported
PM10: Not reported
SO2: Not reported
VOC: Not reported

Status: Closed
Source ID: 00056
Responsible Official Name: Larry Fry
Responsible Official Phone: 219-234-0441
Mailing Street: 604 S Scott St
Mailing City,St,Zip: South Bend, IN 46601
SIC Code: 4953
Permit ID: 12520
Permit Level: FESOP
Subtype Qualifier: Administrative Amendment
Issue Date: 08/31/2000
Plant Id: Not reported
MAX of Year: Not reported
County FIPS: Not reported
Individual Plant ID: Not reported
Latitude: Not reported
Longitude: Not reported
SIC Primary: Not reported
NAICS Primary: Not reported
CO: Not reported
NOX: Not reported
PM10: Not reported
SO2: Not reported
VOC: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

J47 NW 1/4-1/2 0.412 mi. 2177 ft.	MEI 604 SOUTH SCOTT ST. SOUTH BEND, IN 46601 Site 3 of 4 in cluster J	SCP	S109845219 N/A
--	--	------------	---------------------------------

Relative: SCP:
Lower Facility Id: 7100113
Facility Type: Commercial
Actual:
725 ft.

J48 NW 1/4-1/2 0.412 mi. 2177 ft.	UNITED PARCEL SERVICE (UPS) 607 S SCOTT SOUTH BEND, IN 46601 Site 4 of 4 in cluster J	LUST UST	U000747159 N/A
--	--	---------------------------	---------------------------------

Relative: LUST:
Lower Facility ID: 17681
Incident Number: 199101531
Actual: Affected Area: Soil
724 ft. Description: Discontinued (active)
Priority: Low

UST:

Facility ID:	17681
Owner Id:	8582
Company Name:	United Parcel Service
Mailing Address:	700 W 16th St
Mailing Address 2:	Not reported
Mailing City, St, Zip:	Indianapolis, IN 46202

Tank Number:	1
Install Date:	Not reported
Tank Status:	Permanently Out of Service
Substance Desc:	Gasoline

Tank Number:	2
Install Date:	Not reported
Tank Status:	Permanently Out of Service
Substance Desc:	Diesel

Tank Number:	3
Install Date:	Not reported
Tank Status:	Permanently Out of Service
Substance Desc:	Used Oil

Tank Number:	4
Install Date:	01/01/1990
Tank Status:	Permanently Out of Service
Substance Desc:	Gasoline

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

49
 South
 1/4-1/2
 0.413 mi.
 2179 ft.

SOUTH BEND WASTE PAPER
1519 FRANKLIN ST.
SOUTH BEND, IN 46613

SWRCY S109950758
N/A

Relative:
Higher

SWRCY:

Program Company: South Bend Waste Paper
 Program Contact Name: Not reported
 Address: 1519 Franklin St.
 City: South Bend
 State: IN
 Zip: 46613
 Contact Phone: 574-234-718
 County: St. Joseph
 Entity Type: for-profit
 Sites Notes: Not reported
 Customers: Not reported
 Materials Accepted: Newspaper, Cardboard, Magazines, Mixed Residential

50
 West
 1/4-1/2
 0.446 mi.
 2357 ft.

RAITT CORPORATION
815 W SAMPLE ST
SOUTH BEND, IN 46625

LUST 1000511678
UST N/A
SPILLS

Relative:
Lower

LUST:

Facility ID: 8332
 Incident Number: 199009591
 Affected Area: Soil
 Description: NFA-UST Branch Guidance Manual
 Priority: Low

UST:

Facility ID: 8332
 Owner Id: 6610
 Company Name: Raitt Corporation
 Mailing Address: 815 W Sample St
 Mailing Address 2: Not reported
 Mailing City,St,Zip: South Bend, IN 46601

Tank Number: 1
 Install Date: 01/01/1965
Tank Status: Permanently Out of Service
 Substance Desc: Diesel

Tank Number: 2
 Install Date: 01/01/1965
Tank Status: Permanently Out of Service
 Substance Desc: Diesel

Tank Number: 3
 Install Date: Not reported
Tank Status: Permanently Out of Service
 Substance Desc: Other

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RAITT CORPORATION (Continued)

1000511678

Tank Number: 4
 Install Date: Not reported
Tank Status: Permanently Out of Service
 Substance Desc: Used Oil

SPILL:

Facility ID: 199102170
 Incident Date: 02/25/1991
 Report Date: 02/27/1991
 Material: Diesel Fuel
 Spill Source: Leaking Underground Tank
 Recovered Amount: 290
 Recovered Units: Gallons
 Spilled Amount: 300
 Spilled Units: Gallons
 Contained: Y
 Water Affected: None
 Spill Type: Spill
 Area Affected: 1305 Ft Sq
 Fish Killed: 0
 Water Supply Affected: U
 Public Intake: Not reported

51
 WSW
 1/4-1/2
 0.455 mi.
 2403 ft.

1100 PRAIRIE - FORMER FOUNDRY
1100 PRAIRIE AVENUE
SOUTH BEND, IN 46601

US BROWNFIELDS FINDS 1014707342 N/A

Relative:
Lower

US BROWNFIELDS:

Recipient name: South Bend, City of
 Grant type: BCRLF
Actual: Property name: 1100 PRAIRIE - FORMER FOUNDRY
 725 ft. Property #: 18-8021-084902
 Parcel size: 19.19
 Property Description: 568,000 square foot building on 19.191 acres. Constructed by Studebaker Motor Corp. Studebaker ceased operations in 1964. There were several owners after that. The South Bend Redevelopment Commission acquired the property in July 20009 in order to demolish the structure and consolidate the land with other former Studebaker properties. The consolidated property is approximately 87 acres in size and will be developed as Ignition Park - an Indiana certified technology park.
 Latitude: 41.6623592
 Longitude: -86.2620953
 HCM label: Address Matching-House Number
 Map scale: Not reported
 Point of reference: Entrance Point of a Facility or Station
 Datum: World Geodetic System of 1984
 ACRES property ID: 124724
 Start date: 10-Jan-11
 Completed date: 10-Feb-12
 Acres cleaned up: 19.19
 Cleanup funding: 160000
 Cleanup funding source: US EPA - Brownfields RLF Subgrant
 Assessment funding: Not reported
 Assessment funding source: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1100 PRAIRIE - FORMER FOUNDRY (Continued)

1014707342

Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: Not reported
Cleanup funding entity: EPA
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 96559701
Ownership entity: Government
Current owner: South Bend Redevelopment Commission
Did owner change: Y
Cleanup required: Yes
Video available: Not reported
Photo available: Yes
Institutional controls required: Y
IC Category proprietary controls: Y
IC cat. info. devices: Y
IC cat. gov. controls: Y
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 17-Mar-05
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Y
Controlled substance cleaned: Y
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Y
Other metals cleaned: Y
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Y
PAHs cleaned up: Y
PCBs found: Y
PCBs cleaned up: Y
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
Unknown found: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1100 PRAIRIE - FORMER FOUNDRY (Continued)

1014707342

VOCs found: Y
VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 19.19
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 19.19
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: Y

Recipient name: South Bend, City of
Grant type: BCRLF
Property name: 1100 PRAIRIE - FORMER FOUNDRY
Property #: 18-8021-084902
Parcel size: 19.19
Property Description: 568,000 square foot building on 19.191 acres. Constructed by Studebaker Motor Corp. Studebaker ceased operations in 1964. There were several owners after that. The South Bend Redevelopment Commission acquired the property in July 20009 in order to demolish the structure and consolidate the land with other former Studebaker properties. The consolidated property is approximately 87 acres in size and will be developed as Ignition Park - an Indiana certified technology park.

Latitude: 41.6623592
Longitude: -86.2620953
HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 124724
Start date: 10-Jan-11
Completed date: 10-Feb-12
Acres cleaned up: 19.19
Cleanup funding: 500000
Cleanup funding source: US EPA - Brownfields RLF Loan
Assessment funding: Not reported
Assessment funding source: Not reported
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: Not reported
Cleanup funding entity: EPA
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 96559701
Ownership entity: Government
Current owner: South Bend Redevelopment Commission
Did owner change: Y
Cleanup required: Yes
Video available: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1100 PRAIRIE - FORMER FOUNDRY (Continued)

1014707342

Photo available: Yes
Institutional controls required: Y
IC Category proprietary controls: Y
IC cat. info. devices: Y
IC cat. gov. controls: Y
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 17-Mar-05
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y
Controlled substance found: Y
Controlled substance cleaned: Y
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Y
Other metals cleaned: Y
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Y
PAHs cleaned up: Y
PCBs found: Y
PCBs cleaned up: Y
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Y
VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 19.19
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 19.19
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1100 PRAIRIE - FORMER FOUNDRY (Continued)

1014707342

Recipient name: South Bend, City of
Grant type: BCRLF
Property name: 1100 PRAIRIE - FORMER FOUNDRY
Property #: 18-8021-084902
Parcel size: 19.19
Property Description: 568,000 square foot building on 19.191 acres. Constructed by Studebaker Motor Corp. Studebaker ceased operations in 1964. There were several owners after that. The South Bend Redevelopment Commission acquired the property in July 20009 in order to demolish the structure and consolidate the land with other former Studebaker properties. The consolidated property is approximately 87 acres in size and will be developed as Ignition Park - an Indiana certified technology park.
Latitude: 41.6623592
Longitude: -86.2620953
HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Entrance Point of a Facility or Station
Datum: World Geodetic System of 1984
ACRES property ID: 124724
Start date: 10-Jan-11
Completed date: 10-Feb-12
Acres cleaned up: 19.19
Cleanup funding: 80000
Cleanup funding source: Local Funding
Assessment funding: Not reported
Assessment funding source: Not reported
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: Not reported
Cleanup funding entity: City of South Bend, Indiana
Grant type: H
Accomplishment type: Not reported
Accomplishment count: 0
Cooperative agreement #: 96559701
Ownership entity: Government
Current owner: South Bend Redevelopment Commission
Did owner change: Y
Cleanup required: Yes
Video available: Not reported
Photo available: Yes
Institutional controls required: Y
IC Category proprietary controls: Y
IC cat. info. devices: Y
IC cat. gov. controls: Y
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: No
State/tribal program date: 17-Mar-05
State/tribal program ID: 6020803
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Y
Asbestos cleaned: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1100 PRAIRIE - FORMER FOUNDRY (Continued)

1014707342

Controlled substance found: Y
Controlled substance cleaned: Y
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Y
Groundwater cleaned: Not reported
Lead contaminant found: Y
Lead cleaned up: Y
No media affected: Not reported
Unknown media affected: Not reported
Other cleaned up: Not reported
Other metals found: Y
Other metals cleaned: Y
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Y
PAHs cleaned up: Y
PCBs found: Y
PCBs cleaned up: Y
Petro products found: Y
Petro products cleaned: Y
Sediments found: Not reported
Sediments cleaned: Not reported
Soil affected: Y
Soil cleaned up: Y
Surface water cleaned: Not reported
Unknown found: Not reported
VOCs found: Y
VOCs cleaned: Y
Cleanup other description: Not reported
Num. of cleanup and re-dev. jobs: Not reported
Past use greenspace acreage: Not reported
Past use residential acreage: Not reported
Past use commercial acreage: Not reported
Past use industrial acreage: 19.19
Future use greenspace acreage: Not reported
Future use residential acreage: Not reported
Future use commercial acreage: Not reported
Future use industrial acreage: 19.19
Greenspace acreage and type: Not reported
Superfund Fed. landowner flag: Y

FINDS:

Registry ID: 110043242274

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
52 NNE 1/2-1 0.797 mi. 4206 ft.	SOUTH BEND NEW MGP PLANT 301 E JEFFERSON ST SOUTH BEND, IN 46601	EDR MGP	1008408276 N/A
Relative: Lower	Manufactured Gas Plants: No additional information available		
Actual: 705 ft.			
53 ESE 1/2-1 0.937 mi. 4948 ft.	NIPSCO- SOUTH BEND MGP 1039 E PENNSYLVANIA SOUTH BEND, IN 46601	EDR MGP	1008408275 N/A
Relative: Lower	Manufactured Gas Plants: No additional information available		
Actual: 705 ft.			

Count: 15 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SOUTH BEND	1003870865	SOUTH BEND AVENUE SITE	S BEND AVE	46617	CERC-NFRAP
SOUTH BEND	S105299361	CHIPPEWA AVENUE WELL FIELD	S BEND WELL FLDS		SHWS
SOUTH BEND	S105862204		3512 E CIDAR ST		SPILLS, SCP
SOUTH BEND	S110169860	MAIN & WESTERN VACANT LOT	SE COR MAIN & WESTERN AVE	46601	BROWNFIELDS
SOUTH BEND	S105679310		14009 E JEFFERSON		SPILLS, SCP
SOUTH BEND	S110169854	RAILROAD PROPERTY	KENDALL ST & FRANKLIN ST	46601	BROWNFIELDS
SOUTH BEND	U004067605	CITY OF SOUTH BEND	520 LAFAYETTE	46601	UST
SOUTH BEND	1003872622	TREE BURNING SITE	1 MILE SOUTH OF CHAMERLAIN LAK	46619	CERC-NFRAP
SOUTH BEND	1003870880	SOUTH BEND OLIVE ST WELL FIELD	NEAR OLIVE ST & SAMPLE ST	46619	CERC-NFRAP
SOUTH BEND	S103354717		319 SAINT LOUIS BLVD		LUST, SPILLS
SOUTH BEND	S106954972	STUDEBAKER AREA A	SAMPLE & PRAIRIE STS		VCP
SOUTH BEND	S107167519	STUDEBAKER/OLIVER AREAS A, B, C	SAMPLE ST		VCP
SOUTH BEND	S109845172	MACALLISTER MACHINERY CO.	25734 STATE ROAD 2	46619	SCP
SOUTH BEND	S109949316	AMERIGAS	25701 STATE ROAD 2	46619	SWRCY
SOUTH BEND	U003950237	SPEEDWAY #8532	50724 USHY 31 N	46613	LUST, UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/04/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/04/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/04/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/02/2012	Source: EPA
Date Data Arrived at EDR: 11/28/2012	Telephone: 703-412-9810
Date Made Active in Reports: 01/07/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 01/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 11/02/2012	Source: EPA
Date Data Arrived at EDR: 11/28/2012	Telephone: 703-412-9810
Date Made Active in Reports: 01/07/2013	Last EDR Contact: 01/04/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/18/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2012	Telephone: 703-603-0695
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/18/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2012	Telephone: 703-603-0695
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/15/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 04/02/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/03/2012	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 01/17/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: List of Hazardous Waste Response Sites Scored Using the Indiana Scoring Model

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 03/01/2007	Source: Department of Environmental Management
Date Data Arrived at EDR: 08/27/2007	Telephone: 317-308-3052
Date Made Active in Reports: 09/18/2007	Last EDR Contact: 12/03/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/01/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 12/21/2012	Telephone: 317-232-0066
Date Made Active in Reports: 01/15/2013	Last EDR Contact: 12/17/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/01/2013
	Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: LUST Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 11/15/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 12/04/2012	Telephone: 317-232-8900
Date Made Active in Reports: 01/11/2013	Last EDR Contact: 12/04/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/07/2012	Telephone: 415-972-3372
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012	Source: EPA Region 7
Date Data Arrived at EDR: 08/28/2012	Telephone: 913-551-7003
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 07/26/2012
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-8677
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012	Source: EPA Region 1
Date Data Arrived at EDR: 05/09/2012	Telephone: 617-918-1313
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 11/01/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 08/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 10/30/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Indiana Registered Underground Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/15/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 12/04/2012	Telephone: 317-308-3008
Date Made Active in Reports: 01/15/2013	Last EDR Contact: 12/04/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 08/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 05/02/2012	Telephone: 617-918-1313
Date Made Active in Reports: 07/16/2012	Last EDR Contact: 11/01/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-9424
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/06/2012	Source: EPA Region 9
Date Data Arrived at EDR: 09/07/2012	Telephone: 415-972-3368
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012	Source: EPA Region 5
Date Data Arrived at EDR: 08/03/2012	Telephone: 312-886-6136
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 94	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/17/2012	Source: EPA Region 7
Date Data Arrived at EDR: 08/28/2012	Telephone: 913-551-7003
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/26/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 01/14/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Sites with Restrictions

Activity and use limitations include both engineering controls and institutional controls. A listing of Comfort/Site Status Letter sites that have been issued with controls.

Date of Government Version: 11/05/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 12/06/2012	Telephone: 317-232-8603
Date Made Active in Reports: 01/11/2013	Last EDR Contact: 12/03/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Remediation Program Site List

A current list of Voluntary Remediation Program sites that are no longer confidential.

Date of Government Version: 01/01/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 01/25/2012	Telephone: 317-234-0966
Date Made Active in Reports: 02/02/2012	Last EDR Contact: 01/17/2013
Number of Days to Update: 8	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 10/02/2012	Telephone: 617-918-1102
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 01/04/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List

A brownfield site is an industrial or commercial property that is abandoned, inactive, or underutilized, on which expansion or redevelopment is complicated due to the actual or perceived environmental contamination.

Date of Government Version: 12/04/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 12/05/2012	Telephone: 317-233-2570
Date Made Active in Reports: 01/11/2013	Last EDR Contact: 12/03/2012
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/11/2012	Telephone: 202-566-2777
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 12/11/2012
Number of Days to Update: 9	Next Scheduled EDR Contact: 04/08/2013
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/03/2012
Number of Days to Update: 137	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities

A listing of recycling facilities located in the state of Indiana.

Date of Government Version: 10/26/2009	Source: Department of Environmental Management
Date Data Arrived at EDR: 11/02/2009	Telephone: 317-234-4050
Date Made Active in Reports: 11/11/2009	Last EDR Contact: 10/22/2012
Number of Days to Update: 9	Next Scheduled EDR Contact: 02/04/2013
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 11/05/2012
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/18/2013
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/11/2012	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/12/2012	Telephone: 202-307-1000
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/03/2012
Number of Days to Update: 54	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Quarterly

DEL SHWS: Deleted Commissioner's Bulletin Sites List

A listing of sites deleted/removed from the Commissioner's Bulletin List

Date of Government Version: 04/03/2008	Source: Department of Environmental Management
Date Data Arrived at EDR: 04/04/2008	Telephone: 317-234-0347
Date Made Active in Reports: 04/14/2008	Last EDR Contact: 12/03/2012
Number of Days to Update: 10	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/26/2012	Telephone: 202-564-6023
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 11/01/2012
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/03/2012	Telephone: 202-366-4555
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 01/03/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS: Spills Incidents

Oil, hazardous, or objectionable materials that may be released to soil and water.

Date of Government Version: 11/01/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 12/04/2012	Telephone: 317-308-3038
Date Made Active in Reports: 01/15/2013	Last EDR Contact: 12/04/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/11/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2012	Telephone: 312-886-6186
Date Made Active in Reports: 12/04/2012	Last EDR Contact: 01/03/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 11/06/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/18/2013
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/17/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/10/2012
Number of Days to Update: 112	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 10/01/2012	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 10/19/2012	Telephone: Varies
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 12/28/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/27/2012	Source: EPA
Date Data Arrived at EDR: 03/14/2012	Telephone: 703-416-0223
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 12/11/2012
Number of Days to Update: 92	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 12/05/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/28/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/08/2013
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/26/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/26/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 11/01/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/17/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/16/2013
Number of Days to Update: 98	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 12/10/2012
Number of Days to Update: 60	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/02/2012	Telephone: 202-343-9775
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 01/09/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (312) 353-2000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 12/11/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/25/2012	Telephone: 202-564-8600
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 11/01/2012
Number of Days to Update: 46	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/30/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Biennially

NPDES: NPDES Permit Listing

A listing of active NPDES Permit Section facility locations.

Date of Government Version: 10/18/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 10/19/2012	Telephone: 317-233-0676
Date Made Active in Reports: 11/19/2012	Last EDR Contact: 01/14/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Varies

UIC: UIC Site Listing

A listing of class II well locations

Date of Government Version: 12/03/2012	Source: Department of Natural Resources
Date Data Arrived at EDR: 12/06/2012	Telephone: 317-232-0045
Date Made Active in Reports: 01/15/2013	Last EDR Contact: 12/03/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Varies

BULK: Registered Bulk Fertilizer and Pesticide Storage Facilities

A listing of registered dry or liquid bulk fertilizer and pesticide storage facilities.

Date of Government Version: 04/01/2012	Source: Office of Indiana State Chemist
Date Data Arrived at EDR: 04/09/2012	Telephone: 765-494-0579
Date Made Active in Reports: 05/16/2012	Last EDR Contact: 01/07/2013
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Varies

IN MANIFEST: Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2010	Source: Department of Environmental Management
Date Data Arrived at EDR: 10/12/2011	Telephone: 317-233-4624
Date Made Active in Reports: 11/18/2011	Last EDR Contact: 01/08/2013
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Drycleaner Facility Listing

A list of drycleaners involved in the Indiana 5-Star Environmental Recognition Program. It is a voluntary program that ranks participating drycleaners on a scale of one to five stars. The program recognizes those drycleaners willing to do more for the environment and worker safety than the rules require. These drycleaners are going above and beyond the rules to protect the environment, their employees and their neighbors and customers.

Date of Government Version: 12/14/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 12/17/2012	Telephone: 800-988-7901
Date Made Active in Reports: 01/15/2013	Last EDR Contact: 12/12/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/01/2013
	Data Release Frequency: Varies

AIRS: Permitted Sources & Emissions Listing

Current permitted sources and emissions inventory information.

Date of Government Version: 12/31/2011	Source: Department of Environmental Management
Date Data Arrived at EDR: 07/11/2012	Telephone: 317-233-0185
Date Made Active in Reports: 09/07/2012	Last EDR Contact: 01/08/2013
Number of Days to Update: 58	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Varies

TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 12/31/2011	Source: Department of Environmental Management
Date Data Arrived at EDR: 09/04/2012	Telephone: 317-233-0066
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 12/03/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/17/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 10/22/2012
Number of Days to Update: 54	Next Scheduled EDR Contact: 02/04/2013
	Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/04/2012	Telephone: 202-564-6023
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 01/03/2013
Number of Days to Update: 32	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/17/2013
Number of Days to Update: 339	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: N/A

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 08/16/2012
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/26/2012
	Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/15/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 10/16/2012	Telephone: 317-233-1052
Date Made Active in Reports: 11/21/2012	Last EDR Contact: 01/07/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/15/2012	Source: Department of Environmental Management
Date Data Arrived at EDR: 10/16/2012	Telephone: 317-233-1052
Date Made Active in Reports: 11/19/2012	Last EDR Contact: 01/07/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/22/2013
	Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/18/2012	Source: EPA
Date Data Arrived at EDR: 01/27/2012	Telephone: 202-564-5962
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 12/28/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal ash disposal site locations.

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 06/22/2011
Date Made Active in Reports: 07/26/2011
Number of Days to Update: 34

Source: Department of Environmental Management
Telephone: 317-233-4624
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Varies

SCP: State Cleanup Program Sites

The goals for the State Cleanup Section are to mitigate risk to human health and the environment.

Date of Government Version: 12/04/2012
Date Data Arrived at EDR: 12/05/2012
Date Made Active in Reports: 01/11/2013
Number of Days to Update: 37

Source: Department of Environmental Management
Telephone: 317-233-0068
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 01/15/2013
Number of Days to Update: 76	Next Scheduled EDR Contact: 04/29/2013
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 12/11/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/19/2012	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/19/2012	Telephone: 860-424-3375
Date Made Active in Reports: 01/03/2013	Last EDR Contact: 11/19/2012
Number of Days to Update: 45	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/15/2013
Next Scheduled EDR Contact: 04/29/2013
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 12/11/2012
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 11/16/2012
Date Data Arrived at EDR: 11/29/2012
Date Made Active in Reports: 01/16/2013
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Listing

Source: Family & Social Services Administration

Telephone: 317-232-4740

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

HAMILTON TOWING
917 S. LAFAYETTE BLVD.
SOUTH BEND, IN 46601

TARGET PROPERTY COORDINATES

Latitude (North):	41.6646 - 41° 39' 52.56"
Longitude (West):	86.2538 - 86° 15' 13.68"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	562123.9
UTM Y (Meters):	4612594.0
Elevation:	728 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	41086-F3 SOUTH BEND WEST, IN
Most Recent Revision:	1986
East Map:	41086-F2 SOUTH BEND EAST, IN
Most Recent Revision:	1995

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

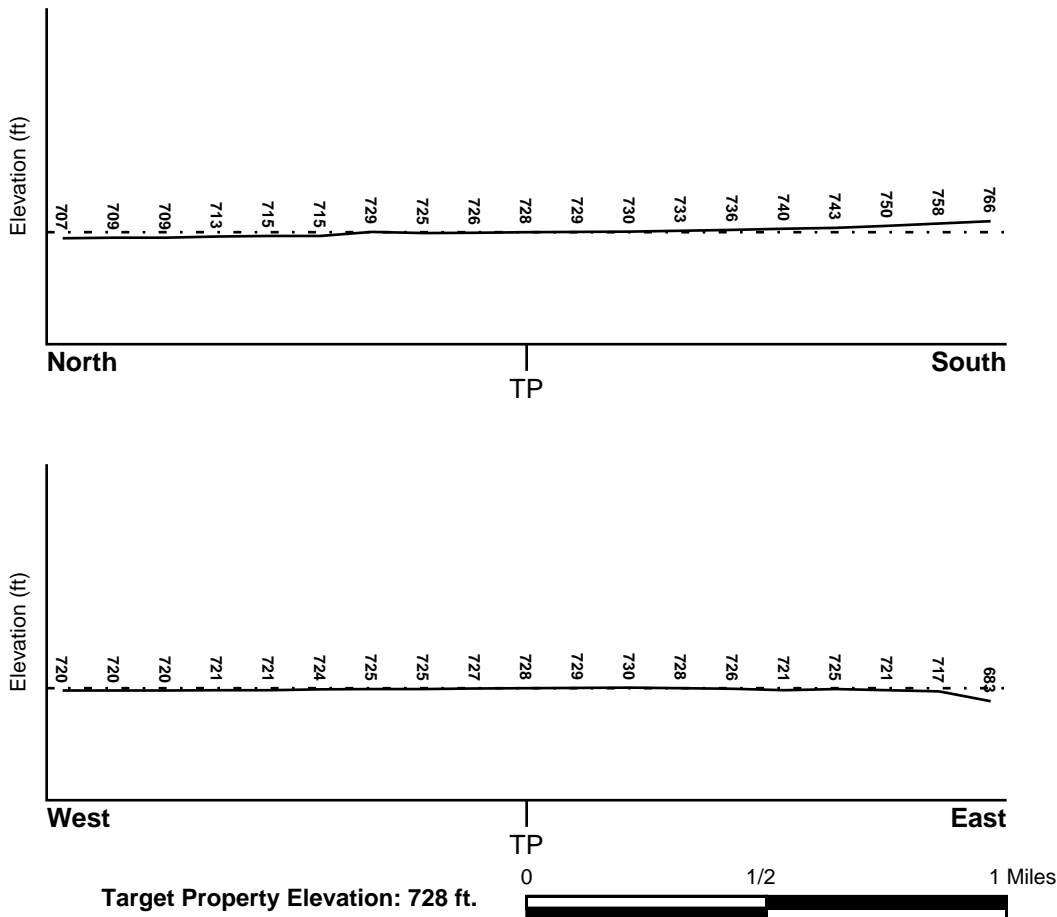
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> ST JOSEPH, IN	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	18141C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> SOUTH BEND WEST	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
C10	1/8 - 1/4 Mile NNE	NE
23	1/4 - 1/2 Mile South	NE
24	1/4 - 1/2 Mile NNE	E
G25	1/4 - 1/2 Mile West	SSE
28	1/2 - 1 Mile North	NE
70	1/2 - 1 Mile ENE	SW

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

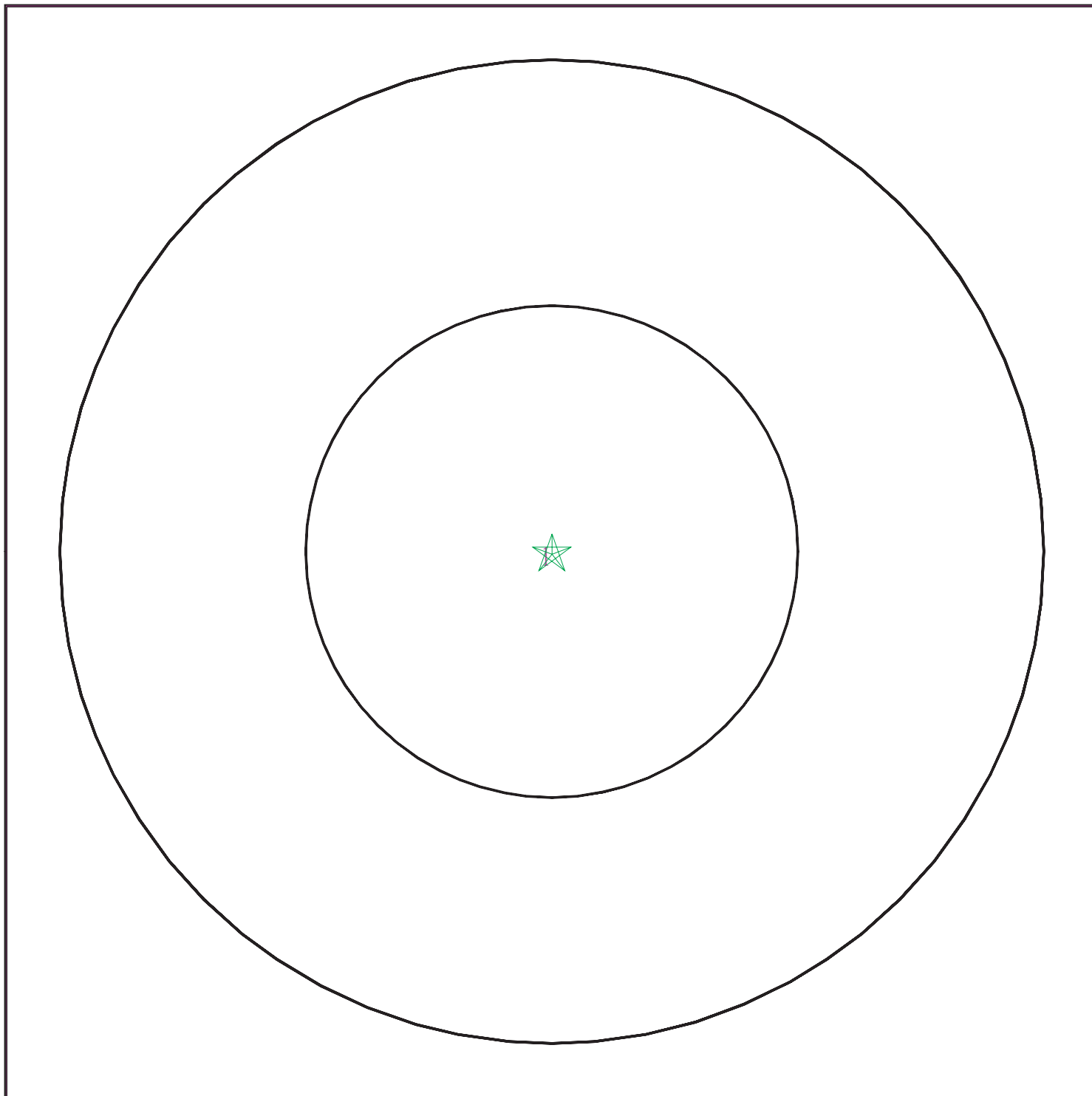
Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

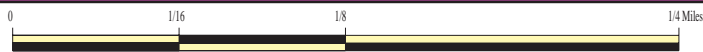
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 03498462.2r



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Hamilton Towing
ADDRESS: 917 S. Lafayette Blvd.
South Bend IN 46601
LAT/LONG: 41.6646 / 86.2538

CLIENT: Jones Petrie Rafinski
CONTACT: Brittany Covault
INQUIRY #: 03498462.2r
DATE: January 18, 2013 3:02 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	USGS2340595	0 - 1/8 Mile NNW
B3	USGS2340572	1/8 - 1/4 Mile West
4	USGS2340677	1/8 - 1/4 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B5	USGS2340588	1/8 - 1/4 Mile West
B6	USGS2340586	1/8 - 1/4 Mile West
B7	USGS2340589	1/8 - 1/4 Mile West
B8	USGS2340587	1/8 - 1/4 Mile West
B9	USGS2340585	1/8 - 1/4 Mile West
C12	USGS2340506	1/4 - 1/2 Mile NNE
13	USGS2340650	1/4 - 1/2 Mile South
D14	USGS2340512	1/4 - 1/2 Mile NNW
D15	USGS2340514	1/4 - 1/2 Mile NNW
D16	USGS2340513	1/4 - 1/2 Mile NNW
17	USGS2340522	1/4 - 1/2 Mile North
E18	USGS2340492	1/4 - 1/2 Mile NW
E19	USGS2340493	1/4 - 1/2 Mile NW
F20	USGS2340536	1/4 - 1/2 Mile ESE
F21	USGS2340537	1/4 - 1/2 Mile ESE
22	USGS2340666	1/4 - 1/2 Mile WSW
G26	USGS2340547	1/4 - 1/2 Mile West
H29	USGS2340491	1/2 - 1 Mile ENE
H32	USGS2340490	1/2 - 1 Mile ENE
I33	USGS2340596	1/2 - 1 Mile West
34	USGS2340388	1/2 - 1 Mile NNE
I35	USGS2340447	1/2 - 1 Mile West
36	USGS2340723	1/2 - 1 Mile South
37	USGS2340405	1/2 - 1 Mile NNE
38	USGS2340288	1/2 - 1 Mile North
39	USGS2340398	1/2 - 1 Mile NW
J40	USGS2340685	1/2 - 1 Mile East
J41	USGS2340684	1/2 - 1 Mile East
J42	USGS2340683	1/2 - 1 Mile East
43	USGS2340719	1/2 - 1 Mile SSW
K44	USGS2340313	1/2 - 1 Mile North
K45	USGS2340321	1/2 - 1 Mile North
L46	USGS2340368	1/2 - 1 Mile WNW
K48	USGS2340328	1/2 - 1 Mile North
K49	USGS2340322	1/2 - 1 Mile North
K50	USGS2340329	1/2 - 1 Mile North
51	USGS2340700	1/2 - 1 Mile SSW
M52	USGS2340331	1/2 - 1 Mile NNW
M53	USGS2340330	1/2 - 1 Mile NNW
N54	USGS2340320	1/2 - 1 Mile NNE
O55	USGS2340617	1/2 - 1 Mile ESE
56	USGS2340682	1/2 - 1 Mile East
P59	USGS2340546	1/2 - 1 Mile East
60	USGS2340657	1/2 - 1 Mile ESE
62	USGS2340500	1/2 - 1 Mile ENE
Q63	USGS2340446	1/2 - 1 Mile East
65	USGS2340362	1/2 - 1 Mile ENE
R66	USGS2340843	1/2 - 1 Mile South
R67	USGS2340842	1/2 - 1 Mile South
S68	USGS2340229	1/2 - 1 Mile North
S69	USGS2340230	1/2 - 1 Mile North
T71	USGS2340215	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
T72	USGS2340217	1/2 - 1 Mile NNE
T73	USGS2340216	1/2 - 1 Mile NNE
T74	USGS2340219	1/2 - 1 Mile NNE
T75	USGS2340220	1/2 - 1 Mile NNE
T76	USGS2340218	1/2 - 1 Mile NNE
77	USGS2340228	1/2 - 1 Mile North
U79	USGS2340846	1/2 - 1 Mile SSW
80	USGS2340210	1/2 - 1 Mile NNE
81	USGS2340841	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

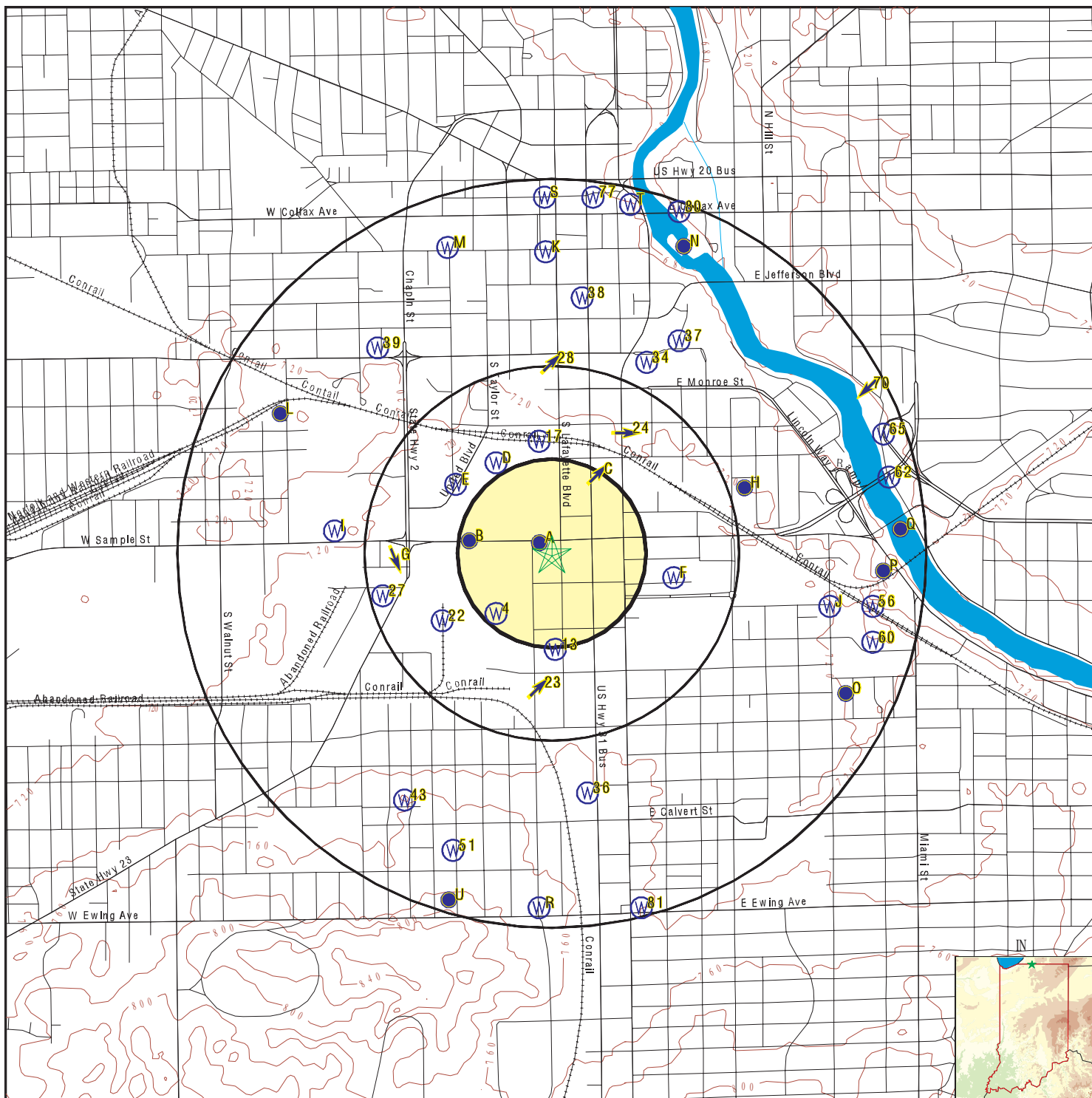
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

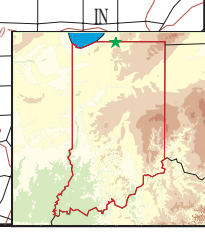
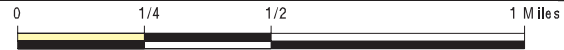
MAP ID	WELL ID	LOCATION FROM TP
A1	INDNR1000138801	0 - 1/8 Mile West
B11	INDNR1000138875	1/8 - 1/4 Mile WNW
27	INDNR1000138693	1/4 - 1/2 Mile WSW
H30	INDNR1000138976	1/2 - 1 Mile ENE
H31	INDNR1000138979	1/2 - 1 Mile ENE
L47	INDNR1000139206	1/2 - 1 Mile WNW
O57	INDNR1000138441	1/2 - 1 Mile ESE
P58	INDNR1000138752	1/2 - 1 Mile East
N61	INDNR1000139691	1/2 - 1 Mile NNE
Q64	INDNR1000138864	1/2 - 1 Mile East
U78	INDNR1000137803	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 03498462.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location



SITE NAME: Hamilton Towing
 ADDRESS: 917 S. Lafayette Blvd.
 South Bend IN 46601
 LAT/LONG: 41.6646 / 86.2538

CLIENT: Jones Petrie Rafinski
 CONTACT: Brittany Covault
 INQUIRY #: 03498462.2r
 DATE: January 18, 2013 3:02 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
West
0 - 1/8 Mile
Higher

IN WELLS INDNR1000138801

Refno:	72908		
Comp date:	01/01/1925		
Drive:	FROM USGS BEELLETERI 3, SJ G-1B. SAMPLE ST. & LAFAYETTE ST.		
County1:	ST. JOSEPH	Civilt:	Not Reported
Town1:	37N	Range1:	2E
Quarter1:	NW	Quarter2:	NW
Quarter3:	NW		
Section1:	3		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	562050		
Utmy:	4612600		
Grnd elev:	726		
Depth:	102		
Bedrock:	629		
bedro 1:	97		
Aquelv:	0		
Static:	30		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	Not Reported
Use other:	Not Reported	Method:	Not Reported
Method other:	Not Reported		
Casingl:	0		
Casingd:	0		
Casingm:	Not Reported		
Screenl:	0		
Screend:	0		
Screenm:	Not Reported	Slot:	Not Reported
Liner top:	0		
Linerdi:	0		
Pumpset:	0		
Type pump:	Not Reported	Pump other:	Not Reported
Quality:	Not Reported	Groutm:	Not Reported
Groutf:	0		
Groutt:	0		
Methodg:	Not Reported		
Groutba:	0		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner:	CITY OF SOUTH BEND	Ownerad:	Not Reported
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	AUSTIN DRILLING COMPANY
Drillad:	Not Reported		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	Not Reported
License:	Not Reported	Date co:	01/01/1985
Cbuild:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	07/24/1986	Courtby:	Not Reported
Court d:	12/05/1961	Classby:	Not Reported
Class date:	05/01/1970	Accwo:	Not Reported
Accwo date:	05/01/1970	County:	ST. JOSEPH
Town:	Not Reported	Rang:	Not Reported
Section:	0		
Ctyperm:	Not Reported	Dnrvarn:	Not Reported
Water supp:	Not Reported		
Bore hole:	0		
Gravelp:	0	Irregla:	Not Reported
Reserve:	Not Reported	Reserve:	0
Site id:	INDNR1000138801		

**A2
NNW
0 - 1/8 Mile
Higher**

FED USGS USGS2340595

Agency cd:	IN002	Site no:	413955086151501
Site name:	37/2E-13D1		
Latitude:	413955	EDR Site id:	USGS2340595
Longitude:	0861515	Dec lat:	41.66532566
Dec lon:	-86.25417332	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	726		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19250000
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	102	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
		Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1925-00-00	Ground water data end date: 1925-00-00
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1925	30	

B3
West
1/8 - 1/4 Mile
Lower

FED USGS USGS2340572

Agency cd: IN002	Site no: 413953086152801
Site name: 72816 REFERENCE NUMBER FROM IDNR-DOW DATABASE	
Latitude: 413953	EDR Site id: USGS2340572
Longitude: 0861528	Dec lat: 41.66477007
Dec lon: -86.25778458	Coor meth: M
Coor acc: U	Latlong datum: NAD27
Dec latlong datum: NAD83	District: 18
State: 18	County: 141
Country: US	Land net: Not Reported
Location map: SOUTH BEND WEST 19B	Map scale: 24000
Altitude: 725.00	
Altitude method: Unknown	
Altitude accuracy: Not Reported	
Altitude datum: National Geodetic Vertical Datum of 1929	
Hydrologic: St. Joseph. Indiana, Michigan Area = 4670 sq.mi.	
Topographic: Not Reported	
Site type: Ground-water other than Spring	Date construction: 19481029
Date inventoried: Not Reported	Mean greenwich time offset: EST
Local standard time flag: N	
Type of ground water site: Single well, other than collector or Ranney type	
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 81.00	Hole depth: Not Reported
Source of depth data: Not Reported	
Project number: 441816700	
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 0000-00-00	Ground water data end date: 0000-00-00
Ground water data count: 0	

Ground-water levels, Number of Measurements: 0

4
SW
1/8 - 1/4 Mile
Higher

FED USGS USGS2340677

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	413944086152401
Site name:	37/2E-14H4		
Latitude:	413944	EDR Site id:	USGS2340677
Longitude:	0861524	Dec lat:	41.66227008
Dec lon:	-86.25667341	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	730		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	120	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

**B5
West
1/8 - 1/4 Mile
Lower**

FED USGS USGS2340588

Agency cd:	IN002	Site no:	413954086152904
Site name:	37/2E-14A7		
Latitude:	413954	EDR Site id:	USGS2340588
Longitude:	0861529	Dec lat:	41.66504784
Dec lon:	-86.25806237	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	727		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	103	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

B6
West
1/8 - 1/4 Mile
Lower

FED USGS USGS2340586

Agency cd:	IN002	Site no:	413954086152902
Site name:	37/2E-14A3	EDR Site id:	USGS2340586
Latitude:	413954	Dec lat:	41.66504784
Longitude:	0861529	Coor meth:	M
Dec lon:	-86.25806237	Latlong datum:	NAD27
Coor accr:	T	District:	18
Dec latlong datum:	NAD83	County:	141
State:	18	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SOUTH BEND WEST 19B		
Altitude:	727		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	103	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B7
West
1/8 - 1/4 Mile
Lower

FED USGS USGS2340589

Agency cd:	IN002	Site no:	413954086152905
Site name:	37/2E-14A15		
Latitude:	413954	EDR Site id:	USGS2340589
Longitude:	0861529	Dec lat:	41.66504784
Dec lon:	-86.25806237	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	727		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	115	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

B8
West
1/8 - 1/4 Mile
Lower

FED USGS USGS2340587

Agency cd:	IN002	Site no:	413954086152903
Site name:	37/2E-14A4		
Latitude:	413954	EDR Site id:	USGS2340587
Longitude:	0861529	Dec lat:	41.66504784
Dec lon:	-86.25806237	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	727		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	105	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

B9
West
1/8 - 1/4 Mile
Lower

FED USGS USGS2340585

Agency cd:	IN002	Site no:	413954086152901
Site name:	37/2E-14A2		
Latitude:	413954	EDR Site id:	USGS2340585
Longitude:	0861529	Dec lat:	41.66504784
Dec lon:	-86.25806237	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	727		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19370319
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	65	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1958-04-20
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 1958-04-20
 Water quality data count: 1
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

**C10
 NNE
 1/8 - 1/4 Mile
 Lower**

Site ID: 18766
 Groundwater Flow: NE
 Water Table Depth: 25.70-26.20
 Date: Feb-94

AQUIFLOW 4285

**B11
 WNW
 1/8 - 1/4 Mile
 Lower**

IN WELLS INDNR1000138875

Refno: 72922
 Comp date: 01/01/1910
 Drive: FROM USGS BULLETIN #3, SJ 24-5/ 65 FT. NORTH OF SAMPLE STREET AND 960 FT. WEST OF FRANKLIN STREET

County1: ST. JOSEPH Civilt: Not Reported
 Town1: 37N Range1: 2E
 Quarter1: SW Quarter2: SE
 Quarter3: SE
 Section1: 11
 Topo: SOUTH BEND WEST Subdiv: Not Reported
 Lotno: Not Reported
 Feetns: 0
 Feetsn: 0
 Feetew: 0
 Feetwe: 0
 Utmx: 561750
 Utmy: 4612700
 Grnd elev: 724
 Depth: 101
 Bedrock: 630
 bedro 1: 94
 Aquelv: 0
 Static: 32
 Type test: Not Reported
 Pumprate: 400
 Pumphou: 0
 Pumpdw: 10
 Bailerr: 0
 Bailerh: 0
 Bailerd: 0
 Welltype: Not Reported Well use: Not Reported
 Use other: Not Reported Method: Not Reported
 Method other: Not Reported
 Casingl: 57
 Casingd: 12
 Casingm: Not Reported
 Screenl: 15
 Screend: 11.5
 Screenm: Not Reported Slot: Not Reported
 Liner top: 0
 Linerdi: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pumpset:	0	Pump other:	Not Reported
Type pump:	Not Reported	Groutm:	Not Reported
Quality:	Not Reported		
Groutf:	0		
Groutt:	0		
Methodg:	Not Reported		
Groutba:	0		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		
Owner:	STUDEBAKER CORP.	Ownerad:	Not Reported
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	SMITH-MONROE
Drillad:	Not Reported		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	Not Reported
License:	Not Reported	Date co:	01/01/1985
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	07/16/1986	Courtby:	Not Reported
Court d:	12/05/1961	Classby:	Not Reported
Class date:	07/23/1986	Accwo:	Not Reported
Accwo date:	05/01/1970	County:	ST. JOSEPH
Town:	Not Reported	Rang:	Not Reported
Section:	0		
Ctyperm:	Not Reported	Dnrvarn:	Not Reported
Water supp:	Not Reported		
Bore hole:	0		
Gravelp:	0	Irregla:	Not Reported
Reserve:	Not Reported	Reserve:	0
Site id:	INDNR1000138875		

C12
NNE
1/4 - 1/2 Mile
Lower

FED USGS USGS2340506

Agency cd:	IN002	Site no:	414004086150501
Site name:	37/2E-12N2		
Latitude:	414004	EDR Site id:	USGS2340506
Longitude:	0861505	Dec lat:	41.6678257
Dec lon:	-86.25139544	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	728		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19380224
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	73	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**13
South
1/4 - 1/2 Mile
Higher**

FED USGS USGS2340650

Agency cd:	IN002	Site no:	413939086151301
Site name:	37/2E-13E3	EDR Site id:	USGS2340650
Latitude:	413939	Dec lat:	41.66088122
Longitude:	0861513	Coor meth:	M
Dec lon:	-86.25361772	Latlong datum:	NAD27
Coor accr:	T	District:	18
Dec latlong datum:	NAD83	County:	141
State:	18	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SOUTH BEND WEST 19B		
Altitude:	733		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19410425
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	137	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D14
NNW
1/4 - 1/2 Mile
Lower

FED USGS USGS2340512

Agency cd:	IN002	Site no:	414005086152401
Site name:	37/2E-11R2		
Latitude:	414005	EDR Site id:	USGS2340512
Longitude:	0861524	Dec lat:	41.66810342
Dec lon:	-86.25667344	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	724		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19100000
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	58	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1958-04-20
Water quality data end date:	1958-04-20	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

D15
NNW
1/4 - 1/2 Mile
Lower

FED USGS USGS2340514

Agency cd:	IN002	Site no:	414005086152403
Site name:	37/2E-11R7		
Latitude:	414005	EDR Site id:	USGS2340514
Longitude:	0861524	Dec lat:	41.66810342
Dec lon:	-86.25667344	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	725		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	100	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**D16
NNW
1/4 - 1/2 Mile
Lower**

FED USGS USGS2340513

Agency cd:	IN002	Site no:	414005086152402
Site name:	37/2E-11R5		
Latitude:	414005	EDR Site id:	USGS2340513
Longitude:	0861524	Dec lat:	41.66810342
Dec lon:	-86.25667344	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	724		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	100	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

17
North
1/4 - 1/2 Mile
Higher

FED USGS USGS2340522

Agency cd:	IN002	Site no:	414008086151601
Site name:	37/2E-12N4	EDR Site id:	USGS2340522
Latitude:	414008	Dec lat:	41.66893678
Longitude:	0861516	Coor meth:	M
Dec lon:	-86.25445113	Latlong datum:	NAD27
Coor accr:	T	District:	18
Dec latlong datum:	NAD83	County:	141
State:	18	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SOUTH BEND WEST 19B		
Altitude:	722		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19270300
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	100	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Water quality data count:	0		
Ground water data begin date:	1927-03-00	Ground water data end date:	1927-03-00
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1927-03	46	

E18
NW
1/4 - 1/2 Mile
Lower

FED USGS USGS2340492

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414002086153101
Site name:	37/2E-11R10		
Latitude:	414002	EDR Site id:	USGS2340492
Longitude:	0861531	Dec lat:	41.66727006
Dec lon:	-86.25861796	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	725		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	103	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

**E19
NW
1/4 - 1/2 Mile
Lower**

FED USGS USGS2340493

Agency cd:	IN002	Site no:	414002086153201
Site name:	37/2E-11R9		
Latitude:	414002	EDR Site id:	USGS2340493
Longitude:	0861532	Dec lat:	41.66727006
Dec lon:	-86.25889575	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	725		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	103	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

F20
ESE
1/4 - 1/2 Mile
Higher

FED USGS USGS2340536

Agency cd:	IN002	Site no:	413949086145101
Site name:	72943 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	413949	EDR Site id:	USGS2340536
Longitude:	0861451	Dec lat:	41.66365905
Dec lon:	-86.24750642	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	719.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19360106
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	78.00	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F21
ESE
1/4 - 1/2 Mile
Higher

FED USGS USGS2340537

Agency cd:	IN002	Site no:	413949086145102
Site name:	72948 REFERENCE NUMBER FROM IDNR-DOW DATABASE	EDR Site id:	USGS2340537
Latitude:	413949	Dec lat:	41.66365905
Longitude:	0861451	Coor meth:	M
Dec lon:	-86.24750642	Latlong datum:	NAD27
Coor accr:	U	District:	18
Dec latlong datum:	NAD83	County:	141
State:	18	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SOUTH BEND EAST 20A		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19360106
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

22
WSW
1/4 - 1/2 Mile
Higher

FED USGS USGS2340666

Agency cd:	IN002	Site no:	413943086153401
Site name:	37/2E-14H1	EDR Site id:	USGS2340666
Latitude:	413943	Dec lat:	41.66199227
Longitude:	0861534	Coor meth:	M
Dec lon:	-86.2594513	Latlong datum:	NAD27
Coor accr:	T	District:	18
Dec latlong datum:	NAD83	County:	141
State:	18	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SOUTH BEND WEST 19B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 729
 Altitude method: Interpolated from topographic map
 Altitude accuracy: Not Reported
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: St. Joseph. Indiana, Michigan Area = 4670 sq.mi.
 Topographic: Not Reported
 Site type: Ground-water other than Spring Date construction: 19260500
 Date inventoried: Not Reported Mean greenwich time offset: EST
 Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: 58 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 441816700
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 1958-04-20
 Water quality data end date: 1958-04-20 Water quality data count: 1
 Ground water data begin date: 0000-00-00 Ground water data end date: 0000-00-00
 Ground water data count: 0

Ground-water levels, Number of Measurements: 0

23 South 1/4 - 1/2 Mile Higher	Site ID: 18914			
	Groundwater Flow: NE		AQUIFLOW	4287
	Water Table Depth: 24.68-26.97			
	Date: Jul-94			

24 NNE 1/4 - 1/2 Mile Lower	Site ID: 18839			
	Groundwater Flow: E		AQUIFLOW	4286
	Water Table Depth: 7.90-10.71			
	Date: Nov-95			

G25 West 1/4 - 1/2 Mile Lower	Site ID: 8332			
	Groundwater Flow: SSE		AQUIFLOW	4260
	Water Table Depth: 2.03-DRY			
	Date: May-98			

G26 West 1/4 - 1/2 Mile Lower				
			FED USGS	USGS2340547

Agency cd: IN002	Site no: 413950086154401
Site name: 37/2E-14B3	
Latitude: 413950	EDR Site id: USGS2340547
Longitude: 0861544	Dec lat: 41.66393669
Dec lon: -86.2622292	Coor meth: M
Coor accr: T	Latlong datum: NAD27
Dec latlong datum: NAD83	District: 18
State: 18	County: 141
Country: US	Land net: Not Reported
Location map: SOUTH BEND WEST 19B	Map scale: 24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	718		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	100	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

27
WSW
1/4 - 1/2 Mile
Lower

IN WELLS

INDNR1000138693

Refno:	72801		
Comp date:	01/01/1921		
Drive:	PRAIRIE AVE., 200' S. OF GARST STEEL, FROM USGS BULLETIN #3, SJG-6B.		
County1:	ST. JOSEPH	Civilt:	Not Reported
Town1:	37N	Range1:	2E
Quarter1:	SW	Quarter2:	NW
Quarter3:	NE		
Section1:	14		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	561400		
Utmy:	4612400		
Grnd elev:	718		
Depth:	100		
Bedrock:	618		
bedro 1:	100		
Aquelv:	0		
Static:	19		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	Not Reported	Well use:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use other:	Not Reported	Method:	Not Reported
Method other:	Not Reported		
Casingl:	0		
Casingd:	0		
Casingm:	Not Reported		
Screenl:	0		
Screenm:	0		
Screenm:	Not Reported	Slot:	Not Reported
Liner top:	0		
Linerdi:	0		
Pumpset:	0		
Type pump:	Not Reported	Pump other:	Not Reported
Quality:	Not Reported	Groutm:	Not Reported
Groutf:	0		
Groutt:	0		
Methodg:	Not Reported		
Groutba:	0		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		
Owner:	CITY OF SOUTH BEND	Ownerad:	Not Reported
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	Not Reported
Drillad:	Not Reported		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	Not Reported
License:	Not Reported	Date co:	02/01/1985
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	09/30/1998	Courtby:	Not Reported
Court d:	12/05/1961	Classby:	Not Reported
Class date:	09/11/1985	Accwo:	Not Reported
Accwo date:	11/01/1971	County:	ST. JOSEPH
Town:	Not Reported	Rang:	Not Reported
Section:	0		
Ctyperm:	Not Reported	Dnrvarn:	Not Reported
Water supp:	Not Reported		
Bore hole:	0		
Gravelp:	0	Irregla:	Not Reported
Reserve:	Not Reported	Reserve:	0
Site id:	INDNR1000138693		

**28
North
1/2 - 1 Mile
Lower**

Site ID: 16396
Groundwater Flow: NE
Water Table Depth: 15-DRY
Date: Mar-89

AQUIFLOW 4276

**H29
ENE
1/2 - 1 Mile
Lower**

FED USGS USGS2340491

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414002086143901
Site name:	72893 REFERENCE NUMBER	FROM IDNR-DOW DATABASE	
Latitude:	414002	EDR Site id:	USGS2340491
Longitude:	0861439	Dec lat:	41.66727018
Dec lon:	-86.24417304	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	735.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19820922
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	QUATERNARY		
Well depth:	95.00	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data begin date:	0000-00-00	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

H30
ENE
1/2 - 1 Mile
Lower

IN WELLS INDNR1000138976

Refno:	72893		
Comp date:	09/22/1982		
Drive:	200' E OF FELLOWS ST 600' N OF SAMPLE ST		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	NW	Quarter2:	SW
Quarter3:	SE		
Section1:	12		
Topo:	SOUTH BEND EAST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	800		
Feetsn:	0		
Feetew:	0		
Feetwe:	2450		
Utmx:	562937		
Utmy:	4612863		
Grnd elev:	735		
Depth:	95		
Bedrock:	0		
bedro 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquelv:	640		
Static:	31		
Type test:	Not Reported		
Pumprate:	250		
Pumphou:	1		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	Not Reported	Well use:	INDUSTRY
Use other:	Not Reported	Method:	ROTARY
Method other:	Not Reported		
Casingl:	79		
Casingd:	8.6		
Casingm:	Not Reported		
Screenl:	5		
Screend:	6		
Screenm:	Not Reported	Slot:	.035
Liner top:	0		
Linerdi:	0		
Pumpset:	0		
Type pump:	Not Reported	Pump other:	Not Reported
Quality:	Not Reported	Groutm:	Not Reported
Groutf:	0		
Groutt:	0		
Methodg:	Not Reported		
Groutba:	0		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		
Owner:	HARBOR METAL TREATING	Ownerad:	S BEND
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	LAYNE NORTHERN CO
Drillad:	MISHAWAKA		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	DON SNYDER
License:	Not Reported	Date co:	07/01/1974
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	RPD
Field d:	07/19/1983	Courtby:	Not Reported
Court d:	12/05/1961	Classby:	Not Reported
Class date:	05/01/1970	Accwo:	Not Reported
Accwo date:	05/01/1970	County:	ST. JOSEPH
Town:	Not Reported	Rang:	Not Reported
Section:	0		
Ctyperm:	Not Reported	Dnrvarn:	Not Reported
Water supp:	Not Reported		
Bore hole:	0		
Gravelp:	0	Irregla:	Not Reported
Reserve:	Not Reported	Reserve:	0
Site id:	INDNR1000138976		

H31
ENE
1/2 - 1 Mile
Lower

IN WELLS INDNR1000138979

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Refno:	72918		
Comp date:	09/16/1982		
Drive:	75' W OF RUSH ST 600' N OF SAMPLE ST		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	SW	Quarter2:	SW
Quarter3:	SE		
Section1:	12		
Topo:	SOUTH BEND EAST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	800		
Feetsn:	0		
Feetew:	0		
Feetwe:	2300		
Utmx:	562972		
Utmy:	4612865		
Grnd elev:	735		
Depth:	127		
Bedrock:	0		
bedro 1:	0		
Aquelv:	608		
Static:	21		
Type test:	Not Reported		
Pumprate:	250		
Pumphou:	1		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	Not Reported	Well use:	INDUSTRY
Use other:	Not Reported	Method:	ROTARY
Method other:	Not Reported		
Casingl:	102		
Casingd:	6		
Casingm:	Not Reported		
Screenl:	25		
Screenm:	6		
Screenn:	Not Reported	Slot:	.035
Liner top:	0		
Linerdi:	0		
Pumpset:	0		
Type pump:	Not Reported	Pump other:	Not Reported
Quality:	Not Reported	Groutm:	Not Reported
Groutf:	0		
Groutt:	0		
Methodg:	Not Reported		
Groutba:	0		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		
Owner:	HARBOR METAL TREATING	Ownerad:	S BEND
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	LAYNE NORTHERN CO
Drillad:	MISHAWAKA		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	DON SNYDER
License:	Not Reported	Date co:	11/24/1959
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	RPD

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Field d:	07/19/1983	Courtby:	Not Reported
Court d:	12/05/1961	Classby:	Not Reported
Class date:	07/23/1986	Accwo:	Not Reported
Accwo date:	05/01/1970	County:	ST. JOSEPH
Town:	Not Reported	Rang:	Not Reported
Section:	0		
Ctyperm:	Not Reported	Dnrvarn:	Not Reported
Water supp:	Not Reported		
Bore hole:	0		
Gravelp:	0	Irregla:	Not Reported
Reserve:	Not Reported	Reserve:	0
Site id:	INDNR1000138979		

H32
ENE
1/2 - 1 Mile
Lower

FED USGS USGS2340490

Agency cd:	IN002	Site no:	414002086143701
Site name:	72918 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	414002	EDR Site id:	USGS2340490
Longitude:	0861437	Dec lat:	41.66727018
Dec lon:	-86.24361747	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	735.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19820916
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	QUATERNARY		
Well depth:	127.00	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

I33
West
1/2 - 1 Mile
Lower

FED USGS USGS2340596

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	413955086155301
Site name:	37/2E-14B2		
Latitude:	413955	EDR Site id:	USGS2340596
Longitude:	0861553	Dec lat:	41.66532555
Dec lon:	-86.26472931	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	722		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19440629
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	70	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1958-04-10	Water quality data begin date:	1958-04-10
Ground water data begin date:	1944-06-29	Water quality data count:	1
Ground water data count:	1	Ground water data end date:	1944-06-29

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1944-06-29	26	

34
NNE
1/2 - 1 Mile
Lower

FED USGS USGS2340388

Agency cd:	IN002	Site no:	414019086145601
Site name:	51060 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	414019	EDR Site id:	USGS2340388
Longitude:	0861456	Dec lat:	41.67199239
Dec lon:	-86.24889539	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	840.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19770712
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: QUATERNARY
 Well depth: 63.00 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 441816700
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Daily flow data begin date: 0000-00-00
 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data count: 0
 Water quality data begin date: 0000-00-00
 Water quality data end date: 0000-00-00
 Water quality data count: 0
 Ground water data begin date: 0000-00-00
 Ground water data end date: 0000-00-00
 Ground water data count: 0

Ground-water levels, Number of Measurements: 0

**I35
West
1/2 - 1 Mile
Lower**

FED USGS USGS2340447

Agency cd: IN002 Site no: 413956086155501
 Site name: 72907 REFERENCE NUMBER FROM IDNR-DOW DATABASE
 Latitude: 413956 EDR Site id: USGS2340447
 Longitude: 0861555 Dec lat: 41.66560332
 Dec lon: -86.26528489 Coor meth: M
 Coor accr: U Latlong datum: NAD27
 Dec latlong datum: NAD83 District: 18
 State: 18 County: 141
 Country: US Land net: Not Reported
 Location map: SOUTH BEND WEST 19B Map scale: 24000
 Altitude: 720.00
 Altitude method: Unknown
 Altitude accuracy: Not Reported
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: St. Joseph. Indiana, Michigan Area = 4670 sq.mi.
 Topographic: Not Reported
 Site type: Ground-water other than Spring Date construction: 19450324
 Date inventoried: Not Reported Mean greenwich time offset: EST
 Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: Not Reported Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 441816700
 Real time data flag: 0
 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00
 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data count: 0
 Water quality data begin date: 0000-00-00
 Water quality data end date: 0000-00-00
 Water quality data count: 0
 Ground water data begin date: 0000-00-00
 Ground water data end date: 0000-00-00
 Ground water data count: 0

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

36
South
1/2 - 1 Mile
Higher

FED USGS USGS2340723

Agency cd:	IN002	Site no:	413919086150701
Site name:	37/2E-13N1		
Latitude:	413919	EDR Site id:	USGS2340723
Longitude:	0861507	Dec lat:	41.65532567
Dec lon:	-86.25195095	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	744		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19390630
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	103	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1939-06-30	Ground water data end date:	1939-06-30
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1939-06-30	28	

37
NNE
1/2 - 1 Mile
Lower

FED USGS USGS2340405

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414022086145001
Site name:	37/2E-12L1		
Latitude:	414022	EDR Site id:	USGS2340405
Longitude:	0861450	Dec lat:	41.67282573
Dec lon:	-86.24722869	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	711		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19290817
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	121	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1929-08-17	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1929-08-17

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1929-08-17	30	

38
North
1/2 - 1 Mile
Lower

FED USGS USGS2340288

Agency cd:	IN002	Site no:	414028086150801
Site name:	37/2E-12E7		
Latitude:	414028	EDR Site id:	USGS2340288
Longitude:	0861508	Dec lat:	41.67449236
Dec lon:	-86.25222885	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	708		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19370629
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	160	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**39
NW
1/2 - 1 Mile
Lower**

FED USGS USGS2340398

Agency cd:	IN002	Site no:	414021086154601
Site name:	37/2E-11K3	EDR Site id:	USGS2340398
Latitude:	414021	Dec lat:	41.67254781
Longitude:	0861546	Coor meth:	M
Dec lon:	-86.26278483	Latlong datum:	NAD27
Coor accr:	T	District:	18
Dec latlong datum:	NAD83	County:	141
State:	18	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SOUTH BEND WEST 19B		
Altitude:	718		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19450324
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	96	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1958-04-29
Water quality data end date:	1958-04-29	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J40
East
1/2 - 1 Mile
Lower

FED USGS USGS2340685

Agency cd:	IN002	Site no:	413945086142203
Site name:	37/2E-13H4		
Latitude:	413945	EDR Site id:	USGS2340685
Longitude:	0861422	Dec lat:	41.66254797
Dec lon:	-86.23945068	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	714		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19470613
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	121	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1958-04-10
Water quality data end date:	1958-04-10	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

J41
East
1/2 - 1 Mile
Lower

FED USGS USGS2340684

Agency cd:	IN002	Site no:	413945086142202
Site name:	37/2E-13H3		
Latitude:	413945	EDR Site id:	USGS2340684
Longitude:	0861422	Dec lat:	41.66254797
Dec lon:	-86.23945068	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 713
 Altitude method: Interpolated from topographic map
 Altitude accuracy: Not Reported
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: St. Joseph. Indiana, Michigan Area = 4670 sq.mi.
 Topographic: Not Reported
 Site type: Ground-water other than Spring Date construction: 19460608
 Date inventoried: Not Reported Mean greenwich time offset: EST
 Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: 96 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 441816700
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 1958-04-09
 Water quality data end date: 1958-04-09 Water quality data count: 1
 Ground water data begin date: 1946-06-08 Ground water data end date: 1946-06-08
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1946-06-08	32	

**J42
East
1/2 - 1 Mile
Lower**

FED USGS USGS2340683

Agency cd: IN002 Site no: 413945086142201
 Site name: 37/2E-13H1
 Latitude: 413945 EDR Site id: USGS2340683
 Longitude: 0861422 Dec lat: 41.66254797
 Dec lon: -86.23945068 Coor meth: M
 Coor acc: T Latlong datum: NAD27
 Dec latlong datum: NAD83 District: 18
 State: 18 County: 141
 Country: US Land net: Not Reported
 Location map: SOUTH BEND EAST 20A Map scale: 24000
 Altitude: 719
 Altitude method: Interpolated from topographic map
 Altitude accuracy: Not Reported
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: St. Joseph. Indiana, Michigan Area = 4670 sq.mi.
 Topographic: Not Reported
 Site type: Ground-water other than Spring Date construction: 19560127
 Date inventoried: Not Reported Mean greenwich time offset: EST
 Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: 96 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 441816700
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1958-04-09
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 1956-12-06
 Water quality data count: 2
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

43
SSW
1/2 - 1 Mile
Higher

FED USGS USGS2340719

Agency cd:	IN002	Site no:	413918086154101
Site name:	37/2E-14Q1	EDR Site id:	USGS2340719
Latitude:	413918	Dec lat:	41.65504779
Longitude:	0861541	Coor meth:	M
Dec lon:	-86.26139578	Latlong datum:	NAD27
Coor accr:	T	District:	18
Dec latlong datum:	NAD83	County:	141
State:	18	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SOUTH BEND WEST 19B		
Altitude:	765		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	182	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	0000-00-00	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1910-00-00	Ground water data end date:	1910-00-00
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1910	29	

K44
North
1/2 - 1 Mile
Lower

FED USGS USGS2340313

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414033086151501
Site name:	37/2E-12E4		
Latitude:	414033	EDR Site id:	USGS2340313
Longitude:	0861515	Dec lat:	41.67588123
Dec lon:	-86.25417338	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	712		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19531230
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	64	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	0000-00-00	Water quality data end date:	0000-00-00
Water quality data count:	0		
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

K45
North
1/2 - 1 Mile
Lower

FED USGS USGS2340321

Agency cd:	IN002	Site no:	414034086151401
Site name:	37/2E-12E5		
Latitude:	414034	EDR Site id:	USGS2340321
Longitude:	0861514	Dec lat:	41.67615902
Dec lon:	-86.25389559	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	708		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19370925
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: 140 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 441816700
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 0000-00-00
 Water quality data end date: 0000-00-00 Water quality data count: 0
 Ground water data begin date: 1937-09-25 Ground water data end date: 1937-09-25
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1937-09-25	36	

L46
WNW
1/2 - 1 Mile
Lower

FED USGS USGS2340368

Agency cd: IN002 Site no: 414012086160401
 Site name: 72947 REFERENCE NUMBER FROM IDNR-DOW DATABASE
 Latitude: 414012 EDR Site id: USGS2340368
 Longitude: 0861604 Dec lat: 41.67004775
 Dec lon: -86.26778502 Coord meth: M
 Coord acc: U Latlong datum: NAD27
 Dec latlong datum: NAD83 District: 18
 State: 18 County: 141
 Country: US Land net: Not Reported
 Location map: SOUTH BEND WEST 19B Map scale: 24000
 Altitude: 725.00
 Altitude method: Unknown
 Altitude accuracy: Not Reported
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: St. Joseph. Indiana, Michigan Area = 4670 sq.mi.
 Topographic: Not Reported
 Site type: Ground-water other than Spring Date construction: Not Reported
 Date inventoried: Not Reported Mean greenwich time offset: EST
 Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: QUATERNARY
 Well depth: 44.00 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 441816700
 Real time data flag: Not Reported Daily flow data begin date: Not Reported
 Daily flow data end date: Not Reported Daily flow data count: Not Reported
 Peak flow data begin date: Not Reported Peak flow data end date: Not Reported
 Peak flow data count: Not Reported Water quality data begin date: Not Reported
 Water quality data end date: Not Reported Water quality data count: Not Reported
 Ground water data begin date: Not Reported Ground water data end date: Not Reported
 Ground water data count: Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

L47
WNW
1/2 - 1 Mile
Lower

IN WELLS INDNR1000139206

Refno:	72947		
Comp date:	02/03/1973		
Drive:	SAMPLE ST TO ARNOLD TO HURON ST 1ST S OF RD 2 S OF RR		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	SW	Quarter2:	NE
Quarter3:	SW		
Section1:	11		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	560950		
Utmy:	4613175		
Grnd elev:	725		
Depth:	44		
Bedrock:	0		
bedro 1:	0		
Aquelv:	681		
Static:	0		
Type test:	Not Reported		
Pumprate:	10		
Pumphou:	1		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	Not Reported	Well use:	HOME
Use other:	Not Reported	Method:	JET
Method other:	Not Reported		
Casingl:	40		
Casingd:	2		
Casingm:	Not Reported		
Screenl:	4		
Screend:	1.25		
Screenm:	Not Reported	Slot:	60
Liner top:	0		
Linerdi:	0		
Pumpset:	0		
Type pump:	Not Reported	Pump other:	Not Reported
Quality:	Not Reported	Groutm:	Not Reported
Groutf:	0		
Groutt:	0		
Methodg:	Not Reported		
Groutba:	0		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner:	TOM ROLSBAUGH	Ownerad:	1214 HURON ST SOUTH BEND
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	R T MAYFIELD
Drillad:	1104 SOUTH 30TH SOUTH BEND		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	R T MAYFIELD
License:	Not Reported	Date co:	02/03/1973
Cbuild:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	07/23/1986	Courtby:	Not Reported
Court d:	12/05/1961	Classby:	Not Reported
Class date:	03/01/1964	Accwo:	Not Reported
Accwo date:	02/01/1975	County:	ST. JOSEPH
Town:	Not Reported	Rang:	Not Reported
Section:	0		
Ctyperm:	Not Reported	Dnrvarn:	Not Reported
Water supp:	Not Reported		
Bore hole:	0		
Gravelp:	0	Irregla:	Not Reported
Reserve:	Not Reported	Reserve:	0
Site id:	INDNR1000139206		

**K48
North
1/2 - 1 Mile
Lower**

FED USGS USGS2340328

Agency cd:	IN002	Site no:	414035086151501
Site name:	37/2E-12E1		
Latitude:	414035	EDR Site id:	USGS2340328
Longitude:	0861515	Dec lat:	41.67643679
Dec lon:	-86.25417338	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	709		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19540813
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	73	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
		Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0	Water quality data begin date: 1954-08-13
Water quality data end date: 1954-08-13	Water quality data count: 1
Ground water data begin date: 1954-08-13	Ground water data end date: 1954-08-13
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1954-08-13	22	

K49
North
1/2 - 1 Mile
Lower

FED USGS USGS2340322

Agency cd: IN002	Site no: 414034086151501
Site name: 37/2E-12E6	
Latitude: 414035	EDR Site id: USGS2340322
Longitude: 0861515	Dec lat: 41.67643679
Dec lon: -86.25417338	Coor meth: M
Coor accr: T	Latlong datum: NAD27
Dec latlong datum: NAD83	District: 18
State: 18	County: 141
Country: US	Land net: Not Reported
Location map: SOUTH BEND WEST 19B	Map scale: 24000
Altitude: 710	
Altitude method: Interpolated from topographic map	
Altitude accuracy: Not Reported	
Altitude datum: National Geodetic Vertical Datum of 1929	
Hydrologic: St. Joseph. Indiana, Michigan Area = 4670 sq.mi.	
Topographic: Not Reported	
Site type: Ground-water other than Spring	Date construction: 19370819
Date inventoried: Not Reported	Mean greenwich time offset: EST
Local standard time flag: N	
Type of ground water site: Single well, other than collector or Ranney type	
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 129	Hole depth: Not Reported
Source of depth data: Not Reported	
Project number: 441816700	
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 0000-00-00	Ground water data end date: 0000-00-00
Ground water data count: 0	

Ground-water levels, Number of Measurements: 0

K50
North
1/2 - 1 Mile
Lower

FED USGS USGS2340329

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414035086151503
Site name:	37/2E-12E2		
Latitude:	414035	EDR Site id:	USGS2340329
Longitude:	0861515	Dec lat:	41.67643679
Dec lon:	-86.25417338	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	709		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19540820
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	73	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	0000-00-00	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

51
SSW
1/2 - 1 Mile
Higher

FED USGS USGS2340700

Agency cd:	IN002	Site no:	413911086153201
Site name:	37/2E-14R3		
Latitude:	413911	EDR Site id:	USGS2340700
Longitude:	0861532	Dec lat:	41.65310337
Dec lon:	-86.25889566	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	768		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19260917
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	155	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1926-09-17	Ground water data end date:	1926-09-17
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1926-09-17	30	

**M52
NNW
1/2 - 1 Mile
Lower**

FED USGS USGS2340331

Agency cd:	IN002	Site no:	414035086153302
Site name:	37/2E-11K2		
Latitude:	414035	EDR Site id:	USGS2340331
Longitude:	0861533	Dec lat:	41.67643674
Dec lon:	-86.25917359	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	718		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19441027
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	125	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1944-10-27	Ground water data end date:	1944-10-27
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1944-10-27	25	

**M53
NNW
1/2 - 1 Mile
Lower**

FED USGS USGS2340330

Agency cd:	IN002	Site no:	414035086153301
Site name:	37/2E-11H1		
Latitude:	414035	EDR Site id:	USGS2340330
Longitude:	0861533	Dec lat:	41.67643674
Dec lon:	-86.25917359	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	720		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph, Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19480609
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	75	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1958-01-01	Water quality data begin date:	1958-01-01
Ground water data begin date:	1948-06-09	Water quality data count:	1
Ground water data count:	1	Ground water data end date:	1948-06-09

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1948-06-09	36	

**N54
NNE
1/2 - 1 Mile
Lower**

FED USGS USGS2340320

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414034086145001
Site name:	37/2E-12F1		
Latitude:	414034	EDR Site id:	USGS2340320
Longitude:	0861450	Dec lat:	41.67615907
Dec lon:	-86.24722871	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	706		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19360226
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	128	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1958-04-11	Water quality data begin date:	1958-04-11
Ground water data begin date:	1936-02-26	Water quality data count:	1
Ground water data count:	1	Ground water data end date:	1936-02-26

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1936-02-26	25	

O55
ESE
1/2 - 1 Mile
Lower

FED USGS USGS2340617

Agency cd:	IN002	Site no:	413933086141901
Site name:	72933 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	413933	EDR Site id:	USGS2340617
Longitude:	0861419	Dec lat:	41.65921463
Dec lon:	-86.23861731	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	732.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19770309
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	QUATERNARY		
Well depth:	130.00	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**56
East
1/2 - 1 Mile
Higher**

FED USGS USGS2340682

Agency cd:	IN002	Site no:	413945086141401
Site name:	37/2E-13H5	EDR Site id:	USGS2340682
Latitude:	413945	Dec lat:	41.66254798
Longitude:	0861414	Coor meth:	M
Dec lon:	-86.23722841	Latlong datum:	NAD27
Coor accr:	T	District:	18
Dec latlong datum:	NAD83	County:	141
State:	18	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SOUTH BEND EAST 20A		
Altitude:	713		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19370927
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	70	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1937-09-27	Ground water data end date:	1937-09-27
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1937-09-27	17	

**O57
ESE
1/2 - 1 Mile
Lower**

IN WELLS INDNR1000138441

Refno:	72933		
Comp date:	03/09/1977		
Drive:	SEC 13 LOCATION 175' E OF HIGH ST 175' N OF BROADWAY		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	SW	Quarter2:	SE
Quarter3:	NE		
Section1:	13		
Topo:	SOUTH BEND EAST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	2200		
Feetew:	0		
Feetwe:	1000		
Utmx:	563393		
Utmy:	4611995		
Grnd elev:	732		
Depth:	130		
Bedrock:	0		
bedro 1:	0		
Aquelv:	602		
Static:	32		
Type test:	Not Reported		
Pumprate:	150		
Pumphou:	1		
Pumpdw:	48		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	INDUSTRY
Use other:	Not Reported	Method:	CABLE TOOL
Method other:	Not Reported		
Casingl:	84		
Casingd:	12		
Casingm:	Not Reported		
Screenl:	15		
Screend:	6		
Screenm:	Not Reported	Slot:	.012
Liner top:	0		
Linerdi:	0		
Pumpset:	0		
Type pump:	Not Reported	Pump other:	Not Reported
Quality:	Not Reported	Groutm:	Not Reported
Groutf:	0		
Groutt:	0		
Methodg:	Not Reported		
Groutba:	0		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner:	CARDINAL BOTTLING CO	Ownerad:	S BEND
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	PEERLESS MIDWEST INC
Drillad:	PO BOX 26 51255 BITTERSWEET RD GRANGER		
Drillzc:	46530		
Drilltx:	Not Reported	Operator:	MIKE GARRAGE
License:	Not Reported	Date co:	01/13/1978
Cbuild:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	ME
Field d:	08/02/1979	Courtby:	Not Reported
Court d:	12/05/1961	Classby:	Not Reported
Class date:	02/01/1964	Accwo:	Not Reported
Accwo date:	02/01/1975	County:	ST. JOSEPH
Town:	Not Reported	Rang:	Not Reported
Section:	0		
Ctyperm:	Not Reported	Dnrvarn:	Not Reported
Water supp:	Not Reported		
Bore hole:	0		
Gravelp:	0	Irregla:	Not Reported
Reserve:	Not Reported	Reserve:	0
Site id:	INDNR1000138441		

P58
East
1/2 - 1 Mile
Lower

IN WELLS

INDNR1000138752

Refno:	72928		
Comp date:	06/16/1927		
Drive:	FROM USGS BULLETIN#3 SJ 7-31. S. OF SAMPLE ST. & W. OF LINCOLN WAY.\		
County1:	ST. JOSEPH	Civilt:	Not Reported
Town1:	37N	Range1:	2E
Quarter1:	NE	Quarter2:	NE
Quarter3:	NE		
Section1:	13		
Topo:	SOUTH BEND EAST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	563550		
Utmy:	4612525		
Grnd elev:	704		
Depth:	91		
Bedrock:	621		
bedro 1:	83		
Aquelv:	0		
Static:	20		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	Not Reported	Well use:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use other:	Not Reported	Method:	Not Reported
Method other:	Not Reported		
Casingl:	0		
Casingd:	0		
Casingm:	Not Reported		
Screenl:	0		
Screenm:	0		
Screenn:	Not Reported	Slot:	Not Reported
Liner top:	0		
Linerdi:	0		
Pumpset:	0		
Type pump:	Not Reported	Pump other:	Not Reported
Quality:	Not Reported	Groutm:	Not Reported
Groutf:	0		
Groutt:	0		
Methodg:	Not Reported		
Groutba:	0		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		
Owner:	CITY OF SOUTH BEND	Ownerad:	Not Reported
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	AUSTIN DRILLING COMPANY
Drillad:	Not Reported		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	Not Reported
License:	Not Reported	Date co:	01/01/1985
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	07/23/1986	Courtby:	Not Reported
Court d:	12/05/1961	Classby:	Not Reported
Class date:	02/01/1964	Accwo:	Not Reported
Accwo date:	05/01/1970	County:	ST. JOSEPH
Town:	Not Reported	Rang:	Not Reported
Section:	0		
Ctyperm:	Not Reported	Dnrvarn:	Not Reported
Water supp:	Not Reported		
Bore hole:	0		
Gravelp:	0	Irregla:	Not Reported
Reserve:	Not Reported	Reserve:	0
Site id:	INDNR1000138752		

**P59
East
1/2 - 1 Mile
Lower**

FED USGS USGS2340546

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	413950086141201
Site name:	72928 REFERENCE NUMBER	FROM IDNR-DOW DATABASE	
Latitude:	413950	EDR Site id:	USGS2340546
Longitude:	0861412	Dec lat:	41.66393687
Dec lon:	-86.23667285	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	704.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19270616
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	91.00	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
		Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**60
ESE
1/2 - 1 Mile
Lower**

FED USGS USGS2340657

Agency cd:	IN002	Site no:	413940086141401
Site name:	37/2E-13H9		
Latitude:	413940	EDR Site id:	USGS2340657
Longitude:	0861414	Dec lat:	41.66115909
Dec lon:	-86.23722841	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	713		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19270604
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use other:	Not Reported	Method:	Not Reported
Method other:	Not Reported		
Casingl:	0		
Casingd:	0		
Casingm:	Not Reported		
Screenl:	0		
Screend:	0		
Screenm:	Not Reported	Slot:	Not Reported
Liner top:	0		
Linerdi:	0		
Pumpset:	0		
Type pump:	Not Reported	Pump other:	Not Reported
Quality:	Not Reported	Groutm:	Not Reported
Groutf:	0		
Groutt:	0		
Methodg:	Not Reported		
Groutba:	0		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		
Owner:	CITY OF SOUTH BEND	Ownerad:	Not Reported
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	HARRY NESS
Drillad:	Not Reported		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	Not Reported
License:	Not Reported	Date co:	01/01/1985
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	07/23/1986	Courtby:	Not Reported
Court d:	12/05/1961	Classby:	Not Reported
Class date:	02/01/1964	Accwo:	Not Reported
Accwo date:	02/01/1975	County:	ST. JOSEPH
Town:	Not Reported	Rang:	Not Reported
Section:	0		
Ctyperm:	Not Reported	Dnrvarn:	Not Reported
Water supp:	Not Reported		
Bore hole:	0		
Gravelp:	0	Irregla:	Not Reported
Reserve:	Not Reported	Reserve:	0
Site id:	INDNR1000139691		

62
ENE
1/2 - 1 Mile
Lower

FED USGS USGS2340500

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414003086141101
Site name:	37/2E-12R3		
Latitude:	414003	EDR Site id:	USGS2340500
Longitude:	0861411	Dec lat:	41.66754799
Dec lon:	-86.23639509	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	685		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19110100
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	150	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

Q63
East
1/2 - 1 Mile
Lower

FED USGS USGS2340446

Agency cd:	IN002	Site no:	413956086140901
Site name:	72967 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	413956	EDR Site id:	USGS2340446
Longitude:	0861409	Dec lat:	41.66560354
Dec lon:	-86.23583951	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	691.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	333.00	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

Q64
East
1/2 - 1 Mile
Lower

IN WELLS INDNR1000138864

Refno:	72967		
Comp date:	01/14/1960		
Drive:	FROM USGS BULLETIN #3 SJ 7-12 LASALLE PARK		
County1:	ST. JOSEPH	Civilt:	Not Reported
Town1:	37N	Range1:	2E
Quarter1:	NE	Quarter2:	SE
Quarter3:	SE		
Section1:	12		
Topo:	SOUTH BEND EAST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	563625		
Utmy:	4612700		
Grnd elev:	691		
Depth:	333		
Bedrock:	556		
bedro 1:	135		
Aquelv:	0		
Static:	15		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	Not Reported
Use other:	Not Reported	Method:	Not Reported
Method other:	Not Reported		
Casingl:	0		
Casingd:	0		
Casingm:	Not Reported		
Screenl:	0		
Screend:	0		
Screenm:	Not Reported	Slot:	Not Reported
Liner top:	0		
Linerdi:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pumpset:	0	Pump other:	Not Reported
Type pump:	Not Reported	Groutm:	Not Reported
Quality:	Not Reported		
Groutf:	0		
Groutt:	0		
Methodg:	Not Reported		
Groutba:	0		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		
Owner:	CITY OF SOUTH BEND	Ownerad:	Not Reported
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	AUSTIN DRILLING COMPANY
Drillad:	Not Reported		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	Not Reported
License:	Not Reported	Date co:	01/01/1985
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	07/01/1962	Courtby:	Not Reported
Court d:	12/05/1961	Classby:	Not Reported
Class date:	12/01/1970	Accwo:	Not Reported
Accwo date:	01/18/1982	County:	ST. JOSEPH
Town:	Not Reported	Rang:	Not Reported
Section:	0		
Ctyperm:	Not Reported	Dnrvarn:	Not Reported
Water supp:	Not Reported		
Bore hole:	0		
Gravelp:	0	Irregla:	Not Reported
Reserve:	Not Reported	Reserve:	0
Site id:	INDNR1000138864		

**65
ENE
1/2 - 1 Mile
Lower**

FED USGS USGS2340362

Agency cd:	IN002	Site no:	414009086141201
Site name:	37/2E-12R1	EDR Site id:	USGS2340362
Latitude:	414009	Dec lat:	41.66921466
Longitude:	0861412	Coor meth:	M
Dec lon:	-86.23667289	Latlong datum:	NAD27
Coor accr:	T	District:	18
Dec latlong datum:	NAD83	County:	141
State:	18	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SOUTH BEND EAST 20A		
Altitude:	692		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19260615
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	333	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1926-06-15	Ground water data end date:	1926-06-15
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1926-06-15	15	

R66
South
1/2 - 1 Mile
Higher

FED USGS USGS2340843

Agency cd:	IN002	Site no:	413903086151602
Site name:	37/2E-24D2	EDR Site id:	USGS2340843
Latitude:	413903	Dec lat:	41.65088119
Longitude:	0861516	Coord meth:	M
Dec lon:	-86.25445103	Latlong datum:	NAD27
Coord accr:	T	District:	18
Dec latlong datum:	NAD83	County:	141
State:	18	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SOUTH BEND WEST 19B		
Altitude:	759		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19261006
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	205	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

R67
South
1/2 - 1 Mile
Higher

FED USGS USGS2340842

Agency cd:	IN002	Site no:	413903086151601
Site name:	37/2E-24D1		
Latitude:	413903	EDR Site id:	USGS2340842
Longitude:	0861516	Dec lat:	41.65088119
Dec lon:	-86.25445103	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	759		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19260824
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	205	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1926-08-24	Ground water data end date:	1926-08-24
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1926-08-24	27	

S68
North
1/2 - 1 Mile
Lower

FED USGS USGS2340229

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414042086151501
Site name:	37/2E-12D1		
Latitude:	414042	EDR Site id:	USGS2340229
Longitude:	0861515	Dec lat:	41.67838124
Dec lon:	-86.2541734	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	706		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19360826
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	138	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	0000-00-00	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

S69
North
1/2 - 1 Mile
Lower

FED USGS USGS2340230

Agency cd:	IN002	Site no:	414042086151502
Site name:	37/2E-12D9		
Latitude:	414042	EDR Site id:	USGS2340230
Longitude:	0861515	Dec lat:	41.67838124
Dec lon:	-86.2541734	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	708		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	138	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

70 ENE 1/2 - 1 Mile Lower	Site ID:	18352		
	Groundwater Flow:	SW	AQUIFLOW	4283
	Water Table Depth:	20-21		
	Date:	Nov-93		

T71 NNE 1/2 - 1 Mile Lower			FED USGS	USGS2340215
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Agency cd:	IN002	Site no:	414041086145901
Site name:	37/2E-12C4	EDR Site id:	USGS2340215
Latitude:	414041	Dec lat:	41.6781035
Longitude:	0861459	Coor meth:	M
Dec lon:	-86.24972877	Latlong datum:	NAD27
Coor accr:	T	District:	18
Dec latlong datum:	NAD83	County:	141
State:	18	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SOUTH BEND EAST 20A		
Altitude:	705		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19390321
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	124	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

T72
NNE
1/2 - 1 Mile
Lower

FED USGS USGS2340217

Agency cd:	IN002	Site no:	414041086145903
Site name:	37/2E-12C6		
Latitude:	414041	EDR Site id:	USGS2340217
Longitude:	0861459	Dec lat:	41.6781035
Dec lon:	-86.24972877	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	684		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19411220
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	110	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1941-12-20	Ground water data end date:	1941-12-20
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1941-12-20	4	

T73
NNE
1/2 - 1 Mile
Lower

FED USGS USGS2340216

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414041086145902
Site name:	37/2E-12C5		
Latitude:	414041	EDR Site id:	USGS2340216
Longitude:	0861459	Dec lat:	41.6781035
Dec lon:	-86.24972877	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	705		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19461015
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	119	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1960-01-20	Water quality data begin date:	1960-01-20
Ground water data begin date:	1946-10-15	Water quality data count:	1
Ground water data count:	1	Ground water data end date:	1946-10-15

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1946-10-15	29	

**T74
NNE
1/2 - 1 Mile
Lower**

FED USGS USGS2340219

Agency cd:	IN002	Site no:	414041086145905
Site name:	37/2E-12C8		
Latitude:	414041	EDR Site id:	USGS2340219
Longitude:	0861459	Dec lat:	41.6781035
Dec lon:	-86.24972877	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	675		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19560801
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	116	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

T75
NNE
1/2 - 1 Mile
Lower

FED USGS USGS2340220

Agency cd:	IN002	Site no:	414041086145906
Site name:	37/2E-12C9	EDR Site id:	USGS2340220
Latitude:	414041	Dec lat:	41.6781035
Longitude:	0861459	Coor meth:	M
Dec lon:	-86.24972877	Latlong datum:	NAD27
Coor accr:	T	District:	18
Dec latlong datum:	NAD83	County:	141
State:	18	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SOUTH BEND EAST 20A		
Altitude:	675		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19561127
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	116	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1958-11-06
Water quality data end date:	1958-11-06	Water quality data count:	1
Ground water data begin date:	1956-11-27	Ground water data end date:	1956-11-27
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1956-11-27	7	

T76
NNE
1/2 - 1 Mile
Lower

FED USGS USGS2340218

Agency cd:	IN002	Site no:	414041086145904
Site name:	37/2E-12C7		
Latitude:	414041	EDR Site id:	USGS2340218
Longitude:	0861459	Dec lat:	41.6781035
Dec lon:	-86.24972877	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	684		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19420425
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	108	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	0000-00-00	Water quality data count:	0
Ground water data count:	0	Ground water data end date:	0000-00-00

Ground-water levels, Number of Measurements: 0

77
North
1/2 - 1 Mile
Lower

FED USGS USGS2340228

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414042086150601
Site name:	37/2E-12D6		
Latitude:	414042	EDR Site id:	USGS2340228
Longitude:	0861506	Dec lat:	41.67838126
Dec lon:	-86.25167329	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	708		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19090000
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	142	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

U78
SSW
1/2 - 1 Mile
Higher

IN WELLS INDNR1000137803

Refno:	72806		
Comp date:	01/01/1911		
Drive:	FROM USGS BULLETIN #3, SJ8-10, NEAR CHAPIN & WARREN STS.		
County1:	ST. JOSEPH	Civilt:	Not Reported
Town1:	37N	Range1:	2E
Quarter1:	SE	Quarter2:	SW
Quarter3:	SE		
Section1:	14		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	561700		
Utmy:	4611100		
Grnd elev:	765		
Depth:	182		
Bedrock:	618		
bedro 1:	147		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquelv:	0		
Static:	29		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	Not Reported
Use other:	Not Reported	Method:	Not Reported
Method other:	Not Reported		
Casingl:	0		
Casingd:	0		
Casingm:	Not Reported		
Screenl:	0		
Screend:	0		
Screenm:	Not Reported	Slot:	Not Reported
Liner top:	0		
Linerdi:	0		
Pumpset:	0		
Type pump:	Not Reported	Pump other:	Not Reported
Quality:	Not Reported	Groutm:	Not Reported
Groutf:	0		
Groutt:	0		
Methodg:	Not Reported		
Groutba:	0		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		
Owner:	CITY OF SOUTH BEND	Ownerad:	Not Reported
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	Not Reported
Drillad:	Not Reported		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	Not Reported
License:	Not Reported	Date co:	01/01/1985
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	09/30/1998	Courtby:	Not Reported
Court d:	12/05/1961	Classby:	Not Reported
Class date:	09/11/1985	Accwo:	Not Reported
Accwo date:	11/01/1971	County:	ST. JOSEPH
Town:	Not Reported	Rang:	Not Reported
Section:	0		
Ctyperm:	Not Reported	Dnrvarn:	Not Reported
Water supp:	Not Reported		
Bore hole:	0		
Gravelp:	0	Irregla:	Not Reported
Reserve:	Not Reported	Reserve:	0
Site id:	INDNR1000137803		

U79
SSW
1/2 - 1 Mile
Higher

FED USGS USGS2340846

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	413904086153301
Site name:	72806 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	413904	EDR Site id:	USGS2340846
Longitude:	0861533	Dec lat:	41.65115892
Dec lon:	-86.25917344	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND WEST 19B	Map scale:	24000
Altitude:	765.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19110101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	182.00	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	441816700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**80
NNE
1/2 - 1 Mile
Lower**

FED USGS USGS2340210

Agency cd:	IN002	Site no:	414040086145001
Site name:	72992 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	414040	EDR Site id:	USGS2340210
Longitude:	0861450	Dec lat:	41.67782574
Dec lon:	-86.24722871	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	18
State:	18	County:	141
Country:	US	Land net:	Not Reported
Location map:	SOUTH BEND EAST 20A	Map scale:	24000
Altitude:	680.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	St. Joseph. Indiana, Michigan Area = 4670 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650730
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: QUATERNARY
 Well depth: 100.00 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 441816700
 Real time data flag: 0
 Daily flow data end date: 0000-00-00 Daily flow data begin date: 0000-00-00
 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 0000-00-00
 Water quality data end date: 0000-00-00 Water quality data count: 0
 Ground water data begin date: 0000-00-00 Ground water data end date: 0000-00-00
 Ground water data count: 0

Ground-water levels, Number of Measurements: 0

81
SSE
1/2 - 1 Mile
Higher

FED USGS USGS2340841

Agency cd: IN002 Site no: 413903086145701
 Site name: 37/2E-24C1
 Latitude: 413903 EDR Site id: USGS2340841
 Longitude: 0861457 Dec lat: 41.65088124
 Dec lon: -86.24917305 Coord meth: M
 Coord acc: T Latlong datum: NAD27
 Dec latlong datum: NAD83 District: 18
 State: 18 County: 141
 Country: US Land net: Not Reported
 Location map: SOUTH BEND EAST 20A Map scale: 24000
 Altitude: 747
 Altitude method: Interpolated from topographic map
 Altitude accuracy: Not Reported
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: St. Joseph. Indiana, Michigan Area = 4670 sq.mi.
 Topographic: Not Reported
 Site type: Ground-water other than Spring Date construction: 19540402
 Date inventoried: Not Reported Mean greenwich time offset: EST
 Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: 45 Hole depth: Not Reported
 Source of depth data: Not Reported
 Project number: 441816700
 Real time data flag: 0
 Daily flow data end date: 0000-00-00 Daily flow data begin date: 0000-00-00
 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 1959-01-14
 Water quality data end date: 1959-01-14 Water quality data count: 1
 Ground water data begin date: 1954-04-02 Ground water data end date: 1954-04-02
 Ground water data count: 1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1954-04-02	20	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: IN Radon

Radon Test Results

Zipcode	Year	Test Type	Location	Result
46601	0	Unknown	Other	2.2
46601	2001	Short Term	Basement	2.0

Federal EPA Radon Zone for ST JOSEPH County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 46601

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.400 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Public Water Supply Wells

Source: Department of Environmental Management

Telephone: 317-308-3323

Community and non-community drinking water wells.

Water Wells Database

Source: Indiana Geological Survey

Telephone: 812-855-7636

Shows data points that represent water wells contained in the Lithologic database, which is derived from the water well database of the Indiana Department of Natural Resources

OTHER STATE DATABASE INFORMATION

RADON

State Database: IN Radon

Source: Department of Health

Telephone: 317-233-7148

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix D

Aerial Photography



Hamilton Towing

917 S. Lafayette Blvd.
South Bend, IN 46601

Inquiry Number: 3498462.5
January 18, 2013

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography January 18, 2013

Target Property:

917 S. Lafayette Blvd.

South Bend, IN 46601

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1952	Aerial Photograph. Scale: 1"=1000'	Panel #: 41086-F3, South Bend West, IN;/Flight Date: August 08, 1952	EDR
1967	Aerial Photograph. Scale: 1"=500'	Panel #: 41086-F3, South Bend West, IN;/Flight Date: August 28, 1967	EDR
1975	Aerial Photograph. Scale: 1"=1000'	Panel #: 41086-F3, South Bend West, IN;/Flight Date: May 10, 1975	EDR
1977	Aerial Photograph. Scale: 1"=1000'	Panel #: 41086-F3, South Bend West, IN;/Flight Date: April 10, 1977	EDR
1981	Aerial Photograph. Scale: 1"=1000'	Panel #: 41086-F3, South Bend West, IN;/Flight Date: May 02, 1981	EDR
1986	Aerial Photograph. Scale: 1"=1000'	Panel #: 41086-F3, South Bend West, IN;/Flight Date: June 03, 1986	EDR
1992	Aerial Photograph. Scale: 1"=750'	Panel #: 41086-F3, South Bend West, IN;/Flight Date: March 01, 1992	EDR
1998	Aerial Photograph. Scale: 1"=500'	Panel #: 41086-F3, South Bend West, IN;/DOQQ - acquisition dates: April 11, 1998	EDR
2005	Aerial Photograph. Scale: 1"=500'	Panel #: 41086-F3, South Bend West, IN;/Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 41086-F3, South Bend West, IN;/Flight Year: 2006	EDR
2007	Aerial Photograph. Scale: 1"=500'	Panel #: 41086-F3, South Bend West, IN;/Flight Year: 2007	EDR



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YEAR: 1952

| = 1000'





INQUIRY #: 3498462.5

YEAR: 1967

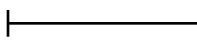
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YEAR: 1975

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INQUIRY #: 3498462.5

YEAR: 1977

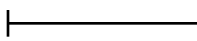
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YEAR: 1981

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INQUIRY #: 3498462.5

YEAR: 1986

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INQUIRY #: 3498462.5

YEAR: 1992

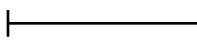
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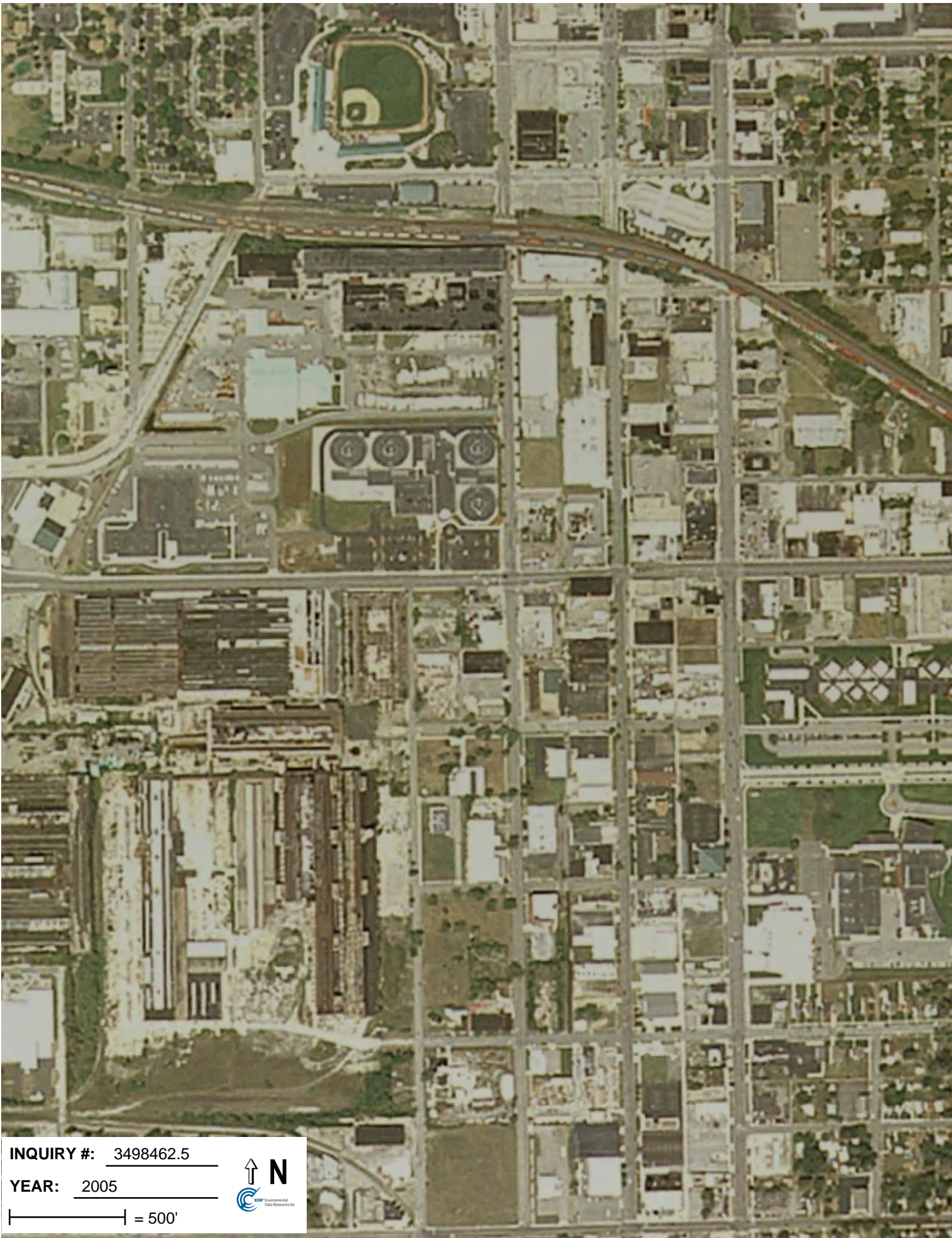


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YEAR: 1998

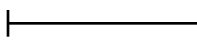
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INQUIRY #: 3498462.5

YEAR: 2005

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INQUIRY #: 3498462.5

YEAR: 2006

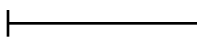
 = 500'





INQUIRY #: 3498462.5

YEAR: 2007

 = 500'



Appendix E
Sanborn Maps



Hamilton Towing

917 S. Lafayette Blvd.
South Bend, IN 46601

Inquiry Number: 3498462.3
January 21, 2013

Certified Sanborn® Map Report

Certified Sanborn® Map Report

1/21/13

Site Name:

Hamilton Towing
917 S. Lafayette Blvd.
South Bend, IN 46601

Client Name:

Jones Petrie Rafinski
412 South Lafayette Blvd
South Bend, IN 46601



EDR Inquiry # 3498462.3

Contact: Brittany Covault

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Jones Petrie Rafinski were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Hamilton Towing
Address: 917 S. Lafayette Blvd.
City, State, Zip: South Bend, IN 46601
Cross Street:
P.O. # 2013-5009
Project: Hamilton Towing
Certification # 85D7-4966-83E7



Sanborn® Library search results
Certification # 85D7-4966-83E7

Maps Provided:

1980
1949
1917
1899
1893
1891

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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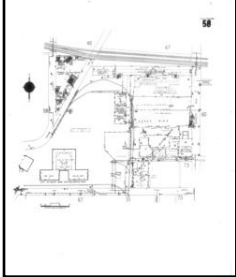
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Sanborn Sheet Thumbnails

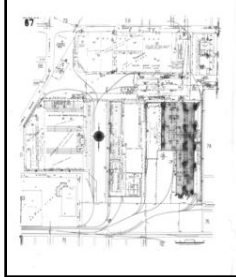
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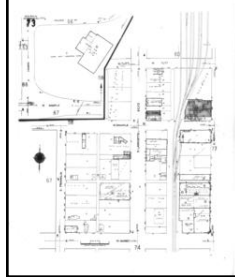
1980 Source Sheets



Volume 1, Sheet 58



Volume 1, Sheet 67

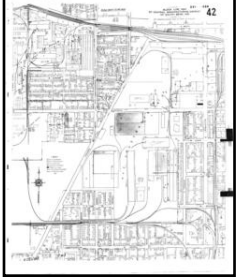


Volume 1, Sheet 73

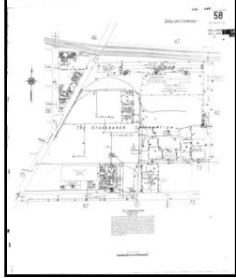


Volume 1, Sheet 74

1949 Source Sheets



Volume 1, Sheet xxx



Volume 1, Sheet 58



Volume 1, Sheet 67



Volume 1, Sheet 73

1917 Source Sheets



Volume 1, Sheet 42



Volume 1, Sheet 68



Volume 1, Sheet 73

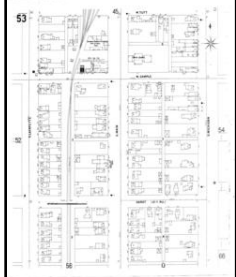


Volume 1, Sheet 74

1899 Source Sheets



Volume 1, Sheet 52



Volume 1, Sheet 53

1893 Source Sheets



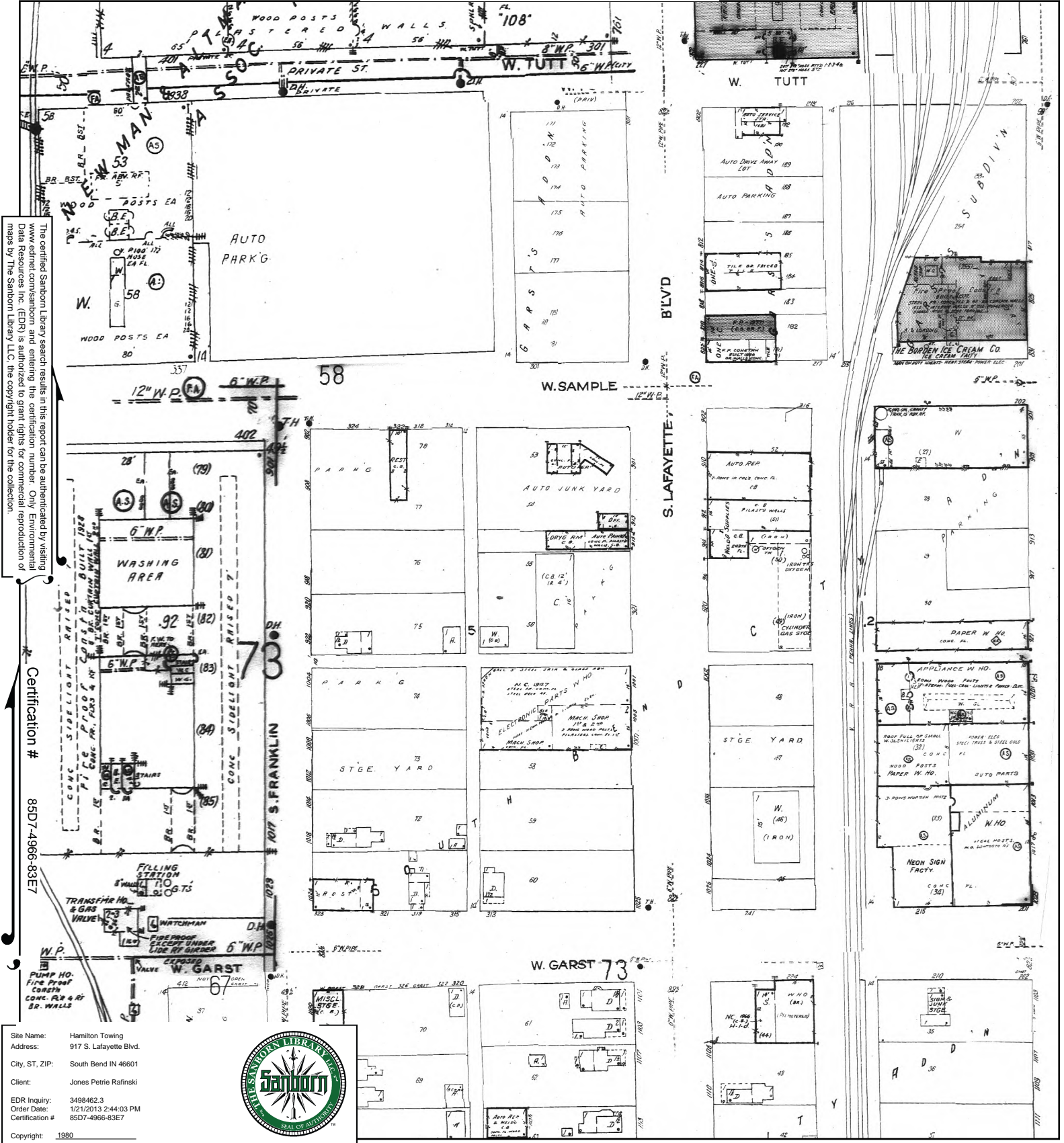
Volume 1, Sheet 22

1891 Source Sheets



Volume 1, Sheet 22

1980 Certified Sanborn Map



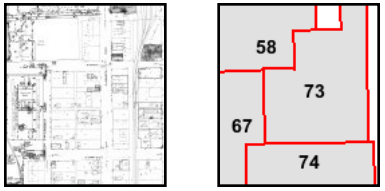
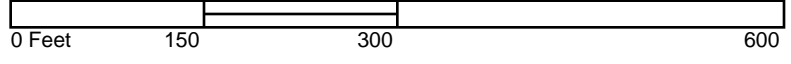
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Site Name: Hamilton Towing
 Address: 917 S. Lafayette Blvd.
 City, ST, ZIP: South Bend IN 46601
 Client: Jones Petrie Rafinski
 EDR Inquiry: 3498462.3
 Order Date: 1/21/2013 2:44:03 PM
 Certification # 85D7-4966-83E7



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 1, Sheet 58
- Volume 1, Sheet 67
- Volume 1, Sheet 73
- Volume 1, Sheet 74



1949 Certified Sanborn Map



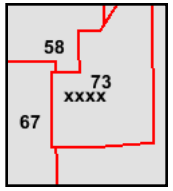
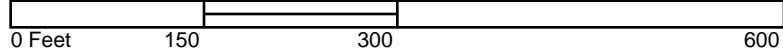
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 Client: Jones Petrie Rafinski
 EDR Inquiry: 3498462.3
 Order Date: 1/21/2013 2:44:03 PM
 Certification # 85D7-4966-83E7



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 1, Sheet xxx
- Volume 1, Sheet 58
- Volume 1, Sheet 67
- Volume 1, Sheet 73



1917 Certified Sanborn Map

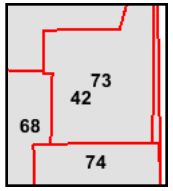
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Certification # 85D7-4966-83E7

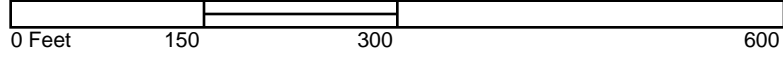
Site Name: Hamilton Towing
 Address: 917 S. Lafayette Blvd.
 City, ST, ZIP: South Bend IN 46601
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 Certification #: 85D7-4966-83E7



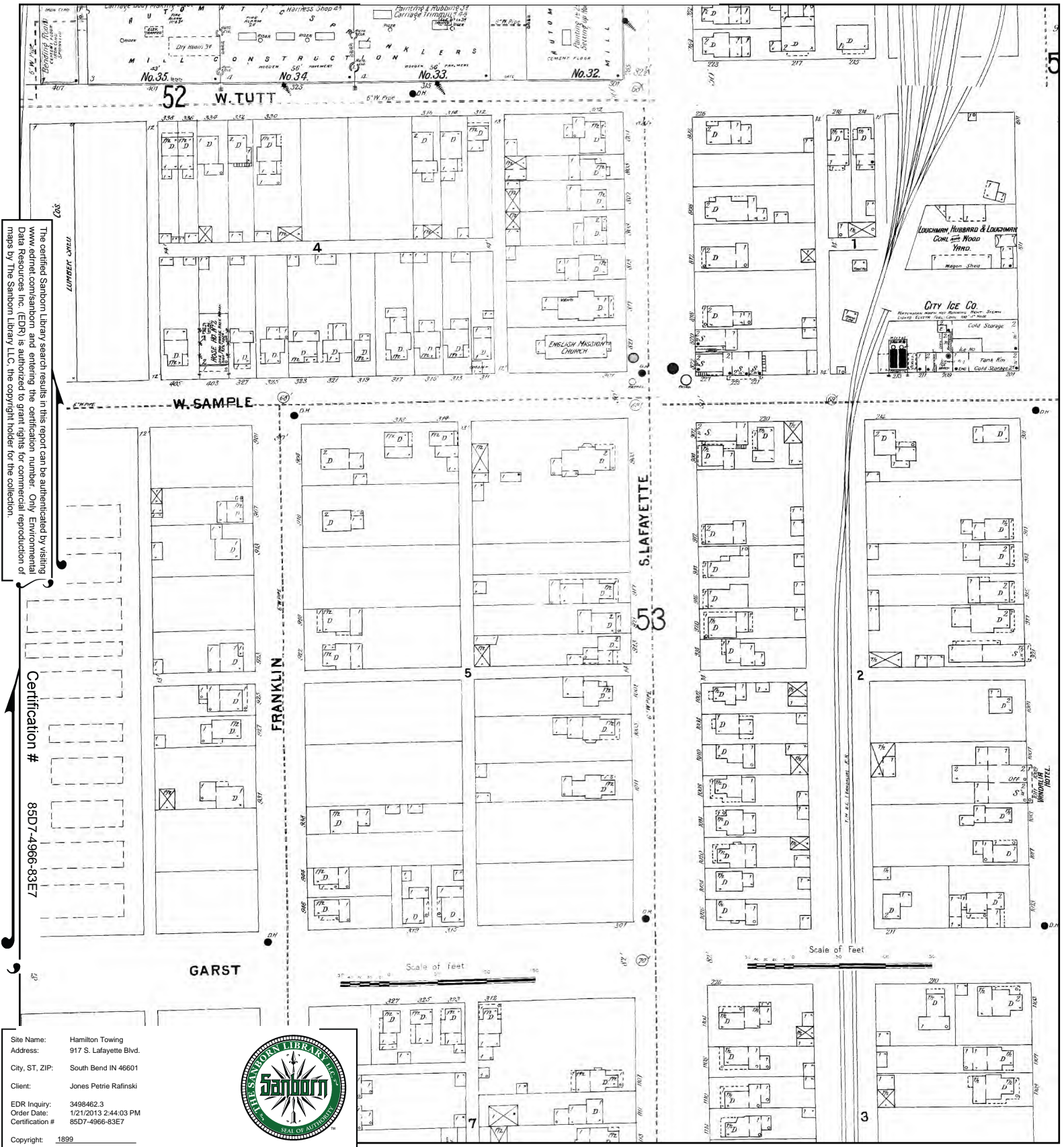
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- Volume 1, Sheet 42
- Volume 1, Sheet 68
- Volume 1, Sheet 73
- Volume 1, Sheet 74



1899 Certified Sanborn Map



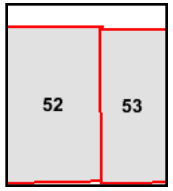
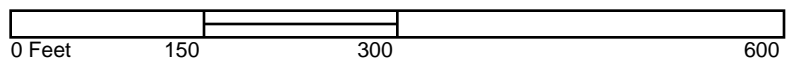
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Certification # 85D7-4966-83E7

Site Name: Hamilton Towing
 Address: 917 S. Lafayette Blvd.
 City, ST, ZIP: South Bend IN 46601
 Client: Jones Petrie Rafinski
 EDR Inquiry: 3498462.3
 Order Date: 1/21/2013 2:44:03 PM
 Certification #: 85D7-4966-83E7
 Copyright: 1899



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Volume 1, Sheet 52
 Volume 1, Sheet 53



1893 Certified Sanborn Map



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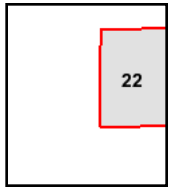
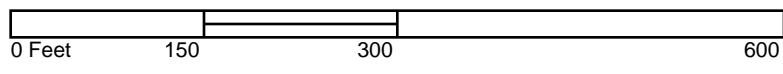
Certification #

85D7-4966-83E7

Site Name: Hamilton Towing
 Address: 917 S. Lafayette Blvd.
 City, ST, ZIP: South Bend IN 46601
 Client: Jones Petrie Rafinski
 EDR Inquiry: 3498462.3
 Order Date: 1/21/2013 2:44:03 PM
 Certification # 85D7-4966-83E7
 Copyright: 1893



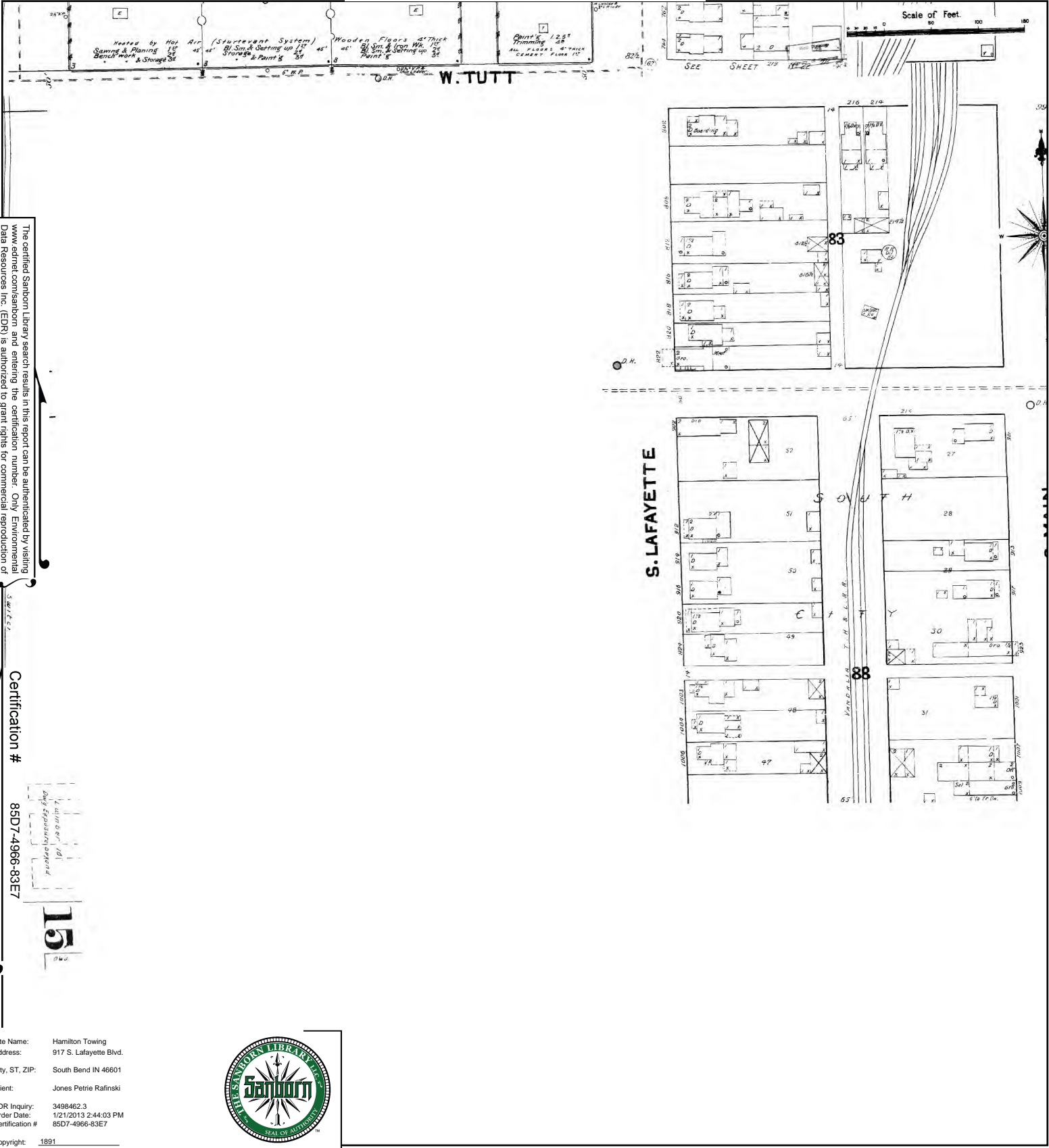
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 22



1891 Certified Sanborn Map



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Certification #

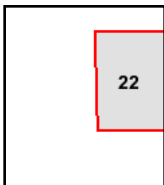
85D7-4966-83E7

15

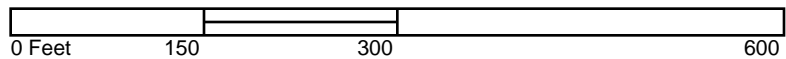
Site Name: Hamilton Towing
 Address: 917 S. Lafayette Blvd.
 City, ST, ZIP: South Bend IN 46601
 Client: Jones Petrie Rafinski
 EDR Inquiry: 3498462.3
 Order Date: 1/21/2013 2:44:03 PM
 Certification # 85D7-4966-83E7



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 22



Appendix F

Property Records and Deeds

OWNERSHIP
 HAMILTON, BODY
 SHOP INC
 917 S LAFAYETTE
 SOUTH BEND, IN 46601

Tax ID 18-8002-0094
 TRANSFER OF OWNERSHIP
 Date 12/11/1989
 Bk/Pg: 0, 0

INDUSTRIAL

VALUATION RECORD

Assessment Year	03/01/2006	03/01/2007	03/01/2008	03/01/2009	03/01/2010	03/01/2011	03/01/2012
Reason for Change							
VALUATION	I 6800	Trend Val 6700	Trend Val 6700	Trend Val 6700	Trend Val 6700	Trend Val 6700	GenReVal 6900
Appraised Value	E 4600	4600	4600	4600	4600	4600	9000
	T 11400	11300	11300	11300	11300	11300	15900
VALUATION	I 6800	6700	6700	6700	6700	6700	6900
True Tax Value	E 4600	4600	4600	4600	4600	4600	9000
	T 11400	11300	11300	11300	11300	11300	15900

LAND DATA AND CALCULATIONS

Land Type	1	2	Base Rate	Adjusted Rate	Extended Value	Influence Factor	Value
Zoning:	1 PRIMARY	0.0510	1.00	16660.00	49980.00	2550	2550
Legal Acres:	2 SECONDARY	0.3710	1.00	11660.00	11660.00	4330	4330

ADMINISTRATIVE INFORMATION
 PARCEL NUMBER 71-08-13-101-001.000-026
 Parent Parcel Number
 Property Address 901 LAFAYETTE
 Neighborhood 7126012 18393-480
 Property Class 399 Industrial Other structures
 TAXING DISTRICT INFORMATION
 Jurisdiction 71 St. Joseph
 Area 011 Portage
 Corporation 7205
 District 026
 Routing Number 8-13A

Site Description
 Topography:
 Level
 Public Utilities:
 All
 Street or Road:
 Paved, Sidewalk, Alley
 Neighborhood:
 Static
 Land Type
 Zoning:
 Legal Acres:
 0.0000

MM01: Plexis Conv. Note 09/07/1993 Parcel
 ADDRESS: 901 LAFAYETTE STRANSFER DATE 12/11/89
 RAL2: GENERAL REASSESSMENT 2012

FARMLAND COMPUTATIONS
 Parcel Acreage
 81 Legal Drain NV [-]
 82 Public Roads NV [-]
 83 UT Towers NV [-]
 9 Homesite(s) [-]
 91/92 Excess Acreage [-]
 TOTAL ACRES FARMLAND
 TRUE TAX VALUE

Measured Acreage
 Average True Tax Value/Acre
 TRUE TAX VALUE FARMLAND
 Classified Land Total (+)
 Homesite(s) Value (+)
 Excess Acreage Value (+)
 Supplemental Cards
 TOTAL LAND VALUE

Supplemental Cards
 TRUE TAX VALUE
 6880

Supplemental Cards
 TOTAL LAND VALUE
 6900

IMPROVEMENT DATA

01

PHYSICAL CHARACTERISTICS

ROOFING									
Other									
WALLS									
Frame	R	1	2	0					
Brick		Yes							
Metal									
Guard									
FRAMING									
Wd Jst	B	1	2	0					
		0	576	0					
FINISH									
UF									
SF									
FO									
FD									
1		576	0	0					
Total		576	0	0					
HEATING AND AIR CONDITIONING									
B		1	2	0					

P Key	GCM46
#Units	
AVSize	1
Floor	100
Perim	17
PAR	9
Height	UTLSTOR
Use SF	576
Use %	100.00%
Rate	108.47
Pr Adj	-11.06
WH Adj	-12.74
Ot Adj	0.00
BASE	84.65
BPA %	100%
Subtot	84.65
U Fin	0.00
Ot Adj	0.00
IntFin	0.00
Div W	-1.10
Lightg	0.00
AirCon	0.00
Heat	-0.98
Sprink	0.00
SF Pr	82.55
x SF	47550
Subtot	47550
Plumb	0
SpFeat	0
ExFeat	0
TOTAL	47550
Qual/Gr	C-1
RCN	42460
Use Dep	80/ 0

(LCM: 94.00)

SPECIAL FEATURES

Description	Value
C	UTLSTOR
01	FENCECL

SUMMARY OF IMPROVEMENTS

ID	Use	Hgt	Const	Year	Eff	Const	Year	Cond	Rate	Feat-	Adj	Size	or	Computed	Phys	Obsol	Market	%	
			Type							ures	Rate	Area	Value	Value	Depr	Depr	Adj	Comp	Value
C	UTLSTOR	0.00	C-1	1937	1932	P	0.00	N	0.00	N	0.00	576	42460	80	0	100	8500		
01	FENCECL	6.00	S1C	1924	1932	AV	15.99	N	15.03	N	180	2710	80	0	100	500			

Data Collector/Date Appraiser/Date Neighborhood Appraiser/Date Supplemental Cards TOTAL IMPROVEMENT VALUE 9000

901 S. Lafayette Road, 203
Takes: Use of this form constitutes practice of law and is limited to practicing lawyers. 8933044
917 S. Lafayette
So. Bend, IN 46601

Form No. 6
18-8002-0094
9588
Taxing Unit 23
Date 12-11-89

ST. JOSEPH TITLE CO. CORPORATION
CORPORATE WARRANTY DEED

THIS INDENTURE WITNESSETH, That GAFILL PROJECTS, INC. of St. Joseph County, Indiana, ("Grantor"), a corporation organized and exist-

ing under the laws of the State of Indiana CONVEYS AND WARRANTS to HAMILTON BODY SHOP, INC., AN INDIANA CORPORATION

of _____ County, in the State of Indiana, for the sum of Ten and No/100 Dollars (\$ 10.00)

and other valuable consideration, the receipt of which is hereby acknowledged, the following described real estate in St. Joseph County, in the State of Indiana: Lots Numbered Fifty-three (53) and Fifty-four (54) as shown on the recorded Plat of South Bend City, as platted by Samuel Morrison, now a part of the City of South Bend, in St. Joseph County, Indiana.

Grantor certifies under oath that no gross income tax is due the State of Indiana as a result of this conveyance.

DULY ENTERED FOR TAXATION.
BEVERLY D. CRONE
AUDITOR
ST. JOSEPH CO. INDIANA

FILED
ST. JOSEPH CO. INDIANA
DEC 11 1989
ST. JOSEPH CO. CLERK

The undersigned persons executing this deed on behalf of Grantor represent and certify that they are duly elected officers of Grantor and have been fully empowered, by proper resolution of the Board of Directors of Grantor, to execute and deliver this deed; that Grantor has full corporate capacity to convey the real estate described herein; and that all necessary corporate action for the making of such conveyance has been taken and done.

IN WITNESS WHEREOF, Grantor has caused this deed to be executed this 5th day of December, 1989 GAFILL PROJECTS, INC.

(SEAL) ATTEST:
Rita S. Gafill, Sec
Signature
Rita S. Gafill, Secretary
Printed Name, and Office
STATE OF INDIANA

By J. Bruce Gafill III - Pres
Signature
J. Bruce Gafill III, President
Printed Name, and Office

SS:
Before me, a Notary Public in and for said County and State, personally appeared J. Bruce Gafill III and Rita S. Gafill, the President and Secretary, respectively of Gafill Projects, Inc., an Indiana corporation, who acknowledged

execution of the foregoing Deed for and on behalf of said Grantor, and who, having been duly sworn, stated that the representations therein contained are true.

Witness my hand and Notarial Seal this 5th day of December, 1989
My Commission Expires April 12, 1992
Signature James R. Getts
Printed JAMES R. GETTS, Notary Public

Timothy W Residing at 1800 Valley American County, Indiana
Bank Building, Post Office Box 4577 (58358)
This instrument was prepared South Bend, IN 46634-4577 attorney at law.

ADMINISTRATIVE INFORMATION

PARCEL NUMBER 71-08-13-101-002.000-026
Parent Parcel Number

Property Address 915 LAFAYETTE

Neighborhood 7126012 18393-480

Property Class 399 Industrial Other structures

TAXING DISTRICT INFORMATION

Jurisdiction 71 St. Joseph

Area 011 Portage

Corporation 7205

District 026

Routing Number 8-13A

Site Description

Topography:

Level

Public Utilities:

All

Street or Road:

Paved, Sidewalk, Alley

Neighborhood:

Static

Zoning:

1 SECONDARY

2 PRIMARY

Legal Acres:

0.0000

OWNERSHIP HAMILTON, RICHARD C
TRANSFER OF OWNERSHIP

Date 01/05/2000 HAMILTON JAMES E AND RUTH Bk/Pg: 0, 0
01/01/1900 Bk/Pg: 0, 0

INDUSTRIAL

VALUATION RECORD

Table with columns: Assessment Year, Reason for Change, Trend Val, Appraised Value, VALUATION, True Tax Value, Trend Val, Trend Val, Trend Val, Trend Val, GenReVal. Rows include valuation data for years 2006-2012.

LAND DATA AND CALCULATIONS

Table with columns: Rating, Measured, Soil ID, Actual Frontage, Effective Frontage, Table, Depth, Prod. Factor, Square Feet, Base Rate, Adjusted Rate, Extended Value, Influence Factor, Value.

MM01: Plexis Conv. Note 09/07/1993 Parcel ADDRESS: 915 LAFAYETTE RA12: GENERAL REASSESSMENT 2012 Parcel viewed 3-1-2012

Supplemental Cards TRUE TAX VALUE 3110

FARMLAND COMPUTATIONS

Table with columns: Parcel Acreage, 81 Legal Drain NV, 82 Public Roads NV, 83 UT Towers NV, 9 Homesite(s), 91/92 Excess Acreage, TOTAL ACRES FARMLAND, TRUE TAX VALUE.

Table with columns: Measured Acreage, Average True Tax Value/Acre, TRUE TAX VALUE FARMLAND, Classified Land Total, Homesite(s) Value, Excess Acreage Value, Supplemental Cards, TOTAL LAND VALUE.

IMPROVEMENT DATA

PHYSICAL CHARACTERISTICS

ROOFING							
Other							
WALLS							
Frame	B	1	2	U			
Brick		Yes					
Metal							
Guard							
FRAMING							
Wd Jst	B	1	2	U			
		0	1722	0	0		
FINISH							
	UF	SF	FO	FD			
1	1722	0	0	0			
Total	1722	0	0	0			
HEATING AND AIR CONDITIONING							
Heat	B	1	2	U			
A/C		0	1722	0	0		
		0	1722	0	0		

P Key	GCI01
#Units	1
AVSize	206
Floor	12
Perim	14
PAR	COMGAR
Height	1722
Use SF	100.00%
Use %	97.00
Rate	-10.25
Fr Adj	0.00
WH Adj	0.00
OT Adj	0.00
BASE	86.74
BPA %	100%
Subtot	86.74
U Fin	0.00
OT Adj	0.00
IntFin	0.00
Div W	0.00
Lightg	0.00
AirCon	3.58
Heat	0.00
Sprink	0.00
SF Pr	90.32
x SF	155530
Subtot	155530
Plumb	0
SpFeat	0
ExFeat	0
TOTAL	155530
Qual/Gr	C-1
RCN	138890
Use Dep	80/ 0

(LCM: 94.00)

SUMMARY OF IMPROVEMENTS

Description	Value	ID	Use	Stry Hgt	Const Year	Grade	Year Eff	Base Rate	Feat- ures	Adj Rate	Size or Area	Computed		Market & Comp	
												Value	Depr		
C	COMGAR	0.00	C-1	1947	1940	F	0.00	N	0.00	1722	138890	80	0	100	27800

SPECIAL FEATURES

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

00 JAN -5 PM 4:00

2

ST. JOSEPH CO. RECORDER
MAIL DEED OF INDIANA

MAIL TAX BILLS TO:

AUDITOR'S RECORD:

Richard C. Hamilton
910 S. Lafayette Blvd.
South Bend, IN 46601

Richard C. Hamilton
910 S. Lafayette Blvd.
South Bend, IN 46601

Transfer No. 11517

Taxing Unit SB

Date 1-5-2000

0000826

CO-PERSONAL REPRESENTATIVES' DEED

Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, in St. Joseph County, Indiana. The Co-Personal Representatives, by virtue of the power given a Personal Representative under Indiana law, hereby distribute to Richard C. Hamilton, the following described real estate:

Street Address: 915 Lafayette Bl

Legal Description: N 1/2 Lot 55 in the City of South Bend

Key No.: 18-8002-0096

Responsibility for performance of the Co-Personal Representatives' obligations hereunder is limited to and assured only by the Decedent's estate and the Co-Personal Representatives shall have no personal or individual liability created by the execution and delivery of this Deed.

Subject to highways, easements and restrictions of record.

Signed and dated January 5, 2000.

Richard C. Hamilton
Richard C. Hamilton
Co-Personal Representative

Raymond C. Hamilton
Raymond C. Hamilton
Co-Personal Representative

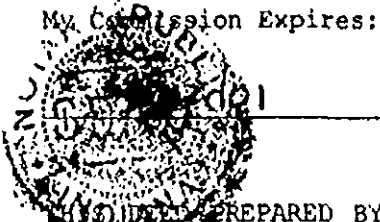
DULY ENTERED FOR TAXATION
JOSEPH E. HAGY
AUDITOR
ST. JOSEPH CO. INDIANA

STATE OF INDIANA)
) SS:
ST. JOSEPH COUNTY)

Before me, the undersigned, a Notary Public in and for said county and state, personally appeared Richard C. Hamilton and Raymond C. Hamilton, Co-Personal Representatives of the estate of Ruth E. Hamilton, deceased, and acknowledged the execution of the foregoing Deed.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my seal this 5th day of January, 2000.

My Commission Expires:



Thomas F. Lewis III
Thomas F. Lewis III, Notary Public
A resident of St. Joseph County, IN

PREPARED BY: Thomas F. Lewis III (19030-71), Attorney at Law, 4500 City Center, 211 West Washington Street, Post Office Box 4577, South Bend, IN 46634-4577.

DULY ENTERED FOR TAXATION
JOSEPH F. HAGY
AUDITOR
ST. JOSEPH CO. INDIANA

ADMINISTRATIVE INFORMATION: PARCEL NUMBER 71-08-13-101-003.000-026, HAMILTON, RICHARD, TRANSFER OF OWNERSHIP, Date 08/27/1998, 01/01/1900, Bk/Pg: 0, 0, 80, 80

PROPERTY ADDRESS: 917 LAFAYETTE, SOUTH BEND, IN 46601, S 1/2 LOT 55 SOUTH BEND CITY

INDUSTRIAL VALUATION RECORD: Assessment Year 03/01/2006, 03/01/2007, 03/01/2008, 03/01/2009, 03/01/2010, 03/01/2011, 03/01/2012

Table with columns: Reason for Change, Appraised Value, Valuation, True Tax Value, Trend Val, Trend Val, Trend Val, Trend Val, Trend Val, GenReVal

LAND DATA AND CALCULATIONS: Rating Measured Soil ID, Table Prod. Factor, Actual Effective Depth, Square Feet, Base Rate, Adjusted Rate, Extended Value, Influence Factor, Value

Site Description: Topography, Public Utilities, Street or Road, Neighborhood, Static, Land Type, Zoning, Legal Acres

FARMLAND COMPUTATIONS: Parcel Acreage, 81 Legal Drain NV, 82 Public Roads NV, 83 UT Towers NV, 9 Homesite(s), 91/92 Excess Acreage, TOTAL ACRES FARMLAND, TRUE TAX VALUE

IMPROVEMENT DATA

01 02

PHYSICAL CHARACTERISTICS

ROOFING
 Other
 WALLS
 Frame
 Brick
 Metal
 Guard
 FRAMING
 Wd Jst
 F Res
 FINISH
 UF
 U
 Total
 HEATING AND AIR CONDITIONING
 Heat
 A/C
 PLUMBING Residential Commercial
 Full Baths
 Half Baths
 Extra Fixtures
 TOTAL
 OTHER FIXTURES
 4' 4 man Gang Sinks
 Refrigerated Water Coolers

B	1	2	U	Yes
B	1	2	U	0
F Res	0	7560	0	0
UF	SF	FO	FD	
6960	0	0	600	
U	0	600	0	
Total	6960	0	600	600
B	1	2	U	
Heat	0	7560	0	600
A/C	0	7560	0	600
#	TF	#	TF	
2		2	4	
3			3	
0			7	
G/F	ES	SS		
1				

P Key
 #Units
 AVSize
 Floor
 Perim
 PAR
 Height
 Use
 Use SF
 Use %
 Rate
 Fr Adj
 WH Adj
 Ot Adj
 BASE
 BPA %
 Subtot
 U Fin
 Ot Adj
 IntFin
 Div W
 Lightg
 AirCon
 Heat
 Sprink
 SF Pr
 x SF
 Subtot
 Plumb
 SpFeat
 ExFeat
 TOTAL
 Qual/Gr
 RCN
 Use Dep

GCI01	GCI12
1	1
356	356
5	5
15	12
COMGAR	INDOFF
6960	600
92.06%	7.94%
50.73	75.46
0.00	0.00
0.63	0.00
0.00	0.00
51.36	75.46
100%	100.00%
51.36	75.46
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
3.58	0.00
0.00	0.00
0.00	0.00
54.94	75.46
382380	45280
427660	
12000	
19810	
0	
459470	
C	
431900	
0/0	0/0
0/0	0/0

Rate
 Fr Adj
 WH Adj
 Ot Adj
 BASE
 BPA %
 Subtot
 U Fin
 Ot Adj
 IntFin
 Div W
 Lightg
 AirCon
 Heat
 Sprink
 SF Pr
 x SF
 Subtot
 Plumb
 SpFeat
 ExFeat
 TOTAL
 Qual/Gr
 RCN
 Use Dep

Rate	50.73	75.46	28.07
Fr Adj	0.00	0.00	0.00
WH Adj	0.63	0.00	0.00
Ot Adj	0.00	0.00	0.00
BASE	51.36	75.46	0.00
BPA %	100%	100%	0%
Subtot	51.36	75.46	28.07
U Fin	0.00	0.00	0.00
Ot Adj	0.00	0.00	0.00
IntFin	0.00	0.00	0.00
Div W	0.00	0.00	0.00
Lightg	0.00	0.00	0.00
AirCon	3.58	0.00	4.95
Heat	0.00	0.00	0.00
Sprink	0.00	0.00	0.00
SF Pr	54.94	75.46	33.02
x SF	382380	45280	0
Subtot	427660		
Plumb	12000		
SpFeat	19810		
ExFeat	0		
TOTAL	459470		
Qual/Gr	C		
RCN	431900		
Use Dep	0/0	0/0	0/0

(LCM: 94.00)

SUMMARY OF IMPROVEMENTS

Description	Value	ID	Use	Stry Hgt	Const Type	Grade	Year Const	Const Year	Cond	Base Rate	Feat-ures	Adj Rate	Size of Area	Phys Obsol	Market %	Depr	Adj Comp	Value
MEZZ	19810	C 02	COMGAR PAVING	0.00 4.00	6	C	1968	1964	F	0.00	N	0.00	7560	431900	78	0	100	95000
							1968	1968	AV	2.71	N	2.55	4 DIA	2750	80	0	100	600

SPECIAL FEATURES

Description	Value	ID	Use	Stry Hgt	Const Type	Grade	Year Const	Const Year	Cond	Base Rate	Feat-ures	Adj Rate	Size of Area	Phys Obsol	Market %	Depr	Adj Comp	Value
MEZZ	19810	C 02	COMGAR PAVING	0.00 4.00	6	C	1968	1964	F	0.00	N	0.00	7560	431900	78	0	100	95000
							1968	1968	AV	2.71	N	2.55	4 DIA	2750	80	0	100	600

Neighborhood
 Neigh 7126012 AV

Appraiser/Date

Data Collector/Date

Supplemental Cards
 TOTAL IMPROVEMENT VALUE

95600

Hold Jones Address

ST JOSEPH COUNTY BAR ASSOCIATION
Probate Form 30 (1986)

Mail Deed to:
Thomas F. Lewis III
Post Office Box 4577
South Bend, IN 46634

Mail Tax Bills to:
 Same as deed
 Other:

Auditor's Record:

Transfer

No. 8289

Taxing Unit JB

Date 8-27-98

Key No. 18-8002-0097

9844959

2

CO- PERSONAL REPRESENTATIVE'S DEED

(IC 29-1-7.5-3.4: Unsupervised Estate Distribution To Estate Beneficiary)

Richard C. Hamilton and Raymond C. Hamilton are the ^{Co-} Personal Representatives of the Estate of Ruth E. Hamilton, deceased ("Decedent"). This Estate is pending as Cause No. 71 001-9402-EU-00098 in St. Joseph County, Indiana. The ^{Co-} Personal Representatives by virtue of the power given a Personal Representative under Indiana law, hereby distribute to Richard C. Hamilton the following described Real Estate:

Street Address: 915-917 South Lafayette Boulevard, South Bend, Indiana

Legal Description: N 1/2 Lot 55 South Bend City, plus S 1/2 Lot 55 South Bend City, plus 33rd N-side Lot 56 South Bend City, plus S 1/2 Lot 56 South Bend City

Key No: 18-8002-0097

LULY ENTERED FOR TAXATION
JOSEPH F. NAGY,
AUDITOR

98 AUG 27 PM 3:25

ST. JOSEPH CO. INDIANA

STEFAN J. JANCZAK
ST. JOSEPH CO. RECORDER

Responsibility for the performance of the Personal Representative's obligations hereunder is limited to and assured only by the Decedent's estate and the Personal Representatives shall have no personal or individual liability created by the execution and delivery of this Deed.

Subject to highways, easements and restrictions of record.

Signed and dated: August 27, 1998.

Richard C. Hamilton
Name Printed: Richard C. Hamilton
Co-Personal Representative

Raymond C. Hamilton
Name Printed: Raymond C. Hamilton
Co-Personal Representative

STATE OF INDIANA }
ST. JOSEPH COUNTY } SS:

Before me, the undersigned, a notary public residing in this county and state, personally appeared Richard C. Hamilton and Raymond C. Hamilton ^{Co-} Personal Representatives of Hamilton

the Estate of Ruth E. Hamilton and acknowledged the execution
of the foregoing Deed.

In witness whereof, I subscribe my name and affix my official seal on
August 27, 1998.



Thomas F. Lewis III
Notary Public
St. Joseph County
Commission expires: 4/22/01

Deed Prepared By:

Robert M. Edwards, Jr.
Attorney At Law
1800 VAB Bldg.,

Address: P.O. Box 4577

South Bend, IN 46634-4577

Attorney ID No. 8031-71

Phone: (219) 233-1194

FILED FOR RECORD
STATE OF INDIANA
ST. JOSEPH CO. RECORDS
1998 AUG 27 PM 3:25

9844959

ADMINISTRATIVE INFORMATION
 PARCEL NUMBER 71-08-13-101-004.000-026
 Parent Parcel Number

OWNERSHIP
 HAMILTON, RICHARD
 C
 910 S LAFAYETTE BLVD
 SOUTH BEND, IN 46601

TRANSFER OF OWNERSHIP
 Date
 01/05/2000 HAMILTON JAMES E AND RUTH \$0 Bk/Pg: 0, 0
 01/01/1900 \$0 Bk/Pg: 0, 0

Property Address
 LAFAYETTE BL
 Neighborhood
 7126017 18393-536

Property Class
 300 Industrial Vacant land

TAKING DISTRICT INFORMATION
 Jurisdiction 71 St. Joseph
 Area 011 Portage

Corporation 7205
 District 026
 Routing Number 9-13A

Site Description
 Topography: Level
 Public Utilities: All
 Street or Road: Paved, Sidewalk, Alley
 Neighborhood: Static

VALUATION RECORD

Assessment Year	03/01/2006	03/01/2007	03/01/2008	03/01/2009	03/01/2010	03/01/2011	03/01/2012
Reason for Change							
VALUATION	I 4300	Trend Val 4600	Trend Val 4600	Trend Val 6100	Trend Val 6100	Trend Val 6100	GenReVal 3900
Appraised Value	B 0	0	0	0	0	0	0
VALUATION	I 4300	Trend Val 4600	Trend Val 4600	Trend Val 6100	Trend Val 6100	Trend Val 6100	3900
True Tax Value	B 0	0	0	0	0	0	0
VALUATION	I 4300	Trend Val 4600	Trend Val 4600	Trend Val 6100	Trend Val 6100	Trend Val 6100	3900
Topography: Level							
Public Utilities: All							
Street or Road: Paved, Sidewalk, Alley							
Neighborhood: Static							
Zoning: 1 UNDEVELOPED USABLE							
Legal Acres: 0.0000							

LAND DATA AND CALCULATIONS

Rating Measured	Table	Prod. Factor	Base Rate	Adjusted Rate	Extended Value	Influence Factor	Value
Soil ID Acreage	150	-or-	1.00	8150.00	8150.00	430	430
Actual Effective Frontage	Depth	Square Feet	1.00	16660.00	47981.00	3450	3450
Frontage	Portage						
0.0530							
0.0720							

FARMLAND COMPUTATIONS

Parcel Acreage	
81 Legal Drain NV	[-]
82 Public Roads NV	[-]
83 UT Towers NV	[-]
9 Homesite(s)	[-]
91/92 Excess Acreage	[-]
TOTAL ACRES FARMLAND	
TRUE TAX VALUE	

Measured Acreage

Average True Tax Value/Acre	
TRUE TAX VALUE FARMLAND	
Classified Land Total	
Homesite(s) Value	(+)
Excess Acreage Value	(+)
Supplemental Cards	
TOTAL LAND VALUE	3900

Supplemental Cards

TRUE TAX VALUE	3880
----------------	------

00 JAN -5 PM 4:00
0000822

0000822

ST. JOSEPH CO. RECORDER

MAIL DEED TO:	MAIL TAX BILLS TO:	AUDITOR'S RECORD:
Richard C. Hamilton 910 S. Lafayette Blvd. South Bend, IN 46601	Richard C. Hamilton 910 S. Lafayette Blvd. South Bend, IN 46601	Transfer No. <u>11513</u> Taxing Unit <u>5A</u> Date <u>1-5-2000</u>

2

CO-PERSONAL REPRESENTATIVES' DEED

Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, in St. Joseph County, Indiana. The Co-Personal Representatives, by virtue of the power given a Personal Representative under Indiana law, hereby distribute to Richard C. Hamilton, the following described real estate:

Street Address: Lafayette Bl

Legal Description: 33' N side of Lot 56 in the City of South Bend, Indiana

Key No.: 18-8002-0098

Responsibility for performance of the Co-Personal Representatives' obligations hereunder is limited to and assured only by the Decedent's estate and the Co-Personal Representatives shall have no personal or individual liability created by the execution and delivery of this Deed.

Subject to highways, easements and restrictions of record.

Signed and dated January 5, 2000.

Richard C. Hamilton
Richard C. Hamilton
Co-Personal Representative

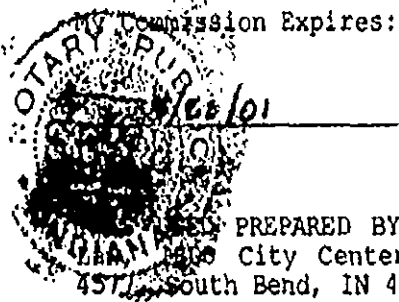
Raymond C. Hamilton
Raymond C. Hamilton
Co-Personal Representative

DULY ENTERED FOR TAXATION
JOSEPH F. NAGY
AUDITOR
ST. JOSEPH CO. INDIANA

STATE OF INDIANA)
) SS:
ST. JOSEPH COUNTY)

Before me, the undersigned, a Notary Public in and for said county and state, personally appeared Richard C. Hamilton and Raymond C. Hamilton, Co-Personal Representatives of the estate of Ruth E. Hamilton, deceased, and acknowledged the execution of the foregoing Deed.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my seal this 5th day of January, 2000.



Thomas F. Lewis III

Thomas F. Lewis III, Notary Public
A resident of St. Joseph County, IN

PREPARED BY: Thomas F. Lewis III (19030-71), Attorney at Law, City Center, 211 West Washington Street, Post Office Box 4577, South Bend, IN 46634-4577.

JOSEPH H. HAGY
AUDITOR
ST. JOSEPH CO. INDIANA

Tax ID 18-8002-0099 TRANSFER OF OWNERSHIP

OWNERSHIP

HAMILTON, RICHARD
C
910 S LAFAYETTE BLVD
SOUTH BEND, IN 46601

S C/O LOT 56 SOUTH BEND CITY

Property Address
VAC LAFAYETTE
Neighborhood
7126017 18393-536

Property Class
300 Industrial Vacant Land
TAXING DISTRICT INFORMATION

Jurisdiction 71 St. Joseph
Area 011 Portage

Corporation 7205
District 026
Routing Number 8-13A

Site Description

Topography:
Level
Public Utilities:
All

Street or Road:
Paved, Sidewalk, Alley

Neighborhood:
Static

Zoning:
1 PRIMARY
2 SECONDARY
Legal Acres:
0.0000

VALUATION RECORD

Assessment Year	03/01/2006	03/01/2007	03/01/2008	03/01/2009	03/01/2010	03/01/2011	03/01/2012
Reason for Change							
VALUATION	I	4500	4800	4800	6400	6400	4100
Appraised Value	B	0	0	0	0	0	0
VALUATION	T	4500	4800	4800	6400	6400	4100
True Tax Value	B	0	0	0	0	0	0
VALUATION	T	4500	4800	4800	6400	6400	4100

LAND DATA AND CALCULATIONS

Rating Measured Table Prod. Factor	Base Rate	Adjusted Rate	Extended Value	Influence Factor	Value
Soil ID Acreage 150	1.00	16660.00	47981.00		3450
Actual Effective Depth Square Feet	1.00	11660.00	11660.00		620

FARMLAND COMPUTATIONS

Parcel Acreage	
81 Legal Drain NV [-]	
82 Public Roads NV [-]	
83 UT Towers NV [-]	
9 Homestead(s) [-]	
91/92 Excess Acreage [-]	
TOTAL ACRES FARMLAND	
TRUE TAX VALUE	4100

Measured Acreage	
Average True Tax Value/Acre	
TRUE TAX VALUE FARMLAND	
Classified Land Total	
Homestead(s) Value (+)	
Excess Acreage Value (+)	
TOTAL LAND VALUE	4100

Supplemental Cards

4070

TRUE TAX VALUE

4100

00 JAN -5 PH 4:00

2

ST JOSEPH CO. RECORDER
STATE OF INDIANA

MAIL DEED TO: STATE OF INDIANA MAIL TAX BILLS TO:

Richard C. Hamilton Richard C. Hamilton
910 S. Lafayette Blvd. 910 S. Lafayette Blvd.
South Bend, IN 46601 South Bend, IN 46601

AUDITOR'S RECORD:

Transfer No. 11514
Taxing Unit SB
Date 1-5-2000

0000823

CO-PERSONAL REPRESENTATIVES' DEED

Richard C. Hamilton and Raymond C. Hamilton, as Co-Personal Representatives of Ruth E. Hamilton, deceased, being Estate No. 71J01-9402-EU-00098, in St. Joseph County, Indiana. The Co-Personal Representatives, by virtue of the power given a Personal Representative under Indiana law, hereby distribute to Richard C. Hamilton, the following described real estate:

Street Address: Vacant Lafayette Blvd

Legal Description: S corner of Lot 56 in the City of South Bend, Indiana

Key No.: 18-8002-0099

Responsibility for performance of the Co-Personal Representatives' obligations hereunder is limited to and assured only by the Decedent's estate and the Co-Personal Representatives shall have no personal or individual liability created by the execution and delivery of this Deed.

Subject to highways, easements and restrictions of record.

Signed and dated January 5, 2000.

Richard C. Hamilton
Richard C. Hamilton
Co-Personal Representative

Raymond C. Hamilton
Raymond C. Hamilton
Co-Personal Representative

DULY ENTITLED FOR TAXATION
JOSEPH E. MOY
RECORDER
ST. JOSEPH CO. INDIANA

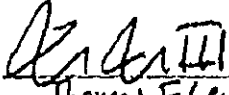
STATE OF INDIANA)
) SS:
ST. JOSEPH COUNTY)

Before me, the undersigned, a Notary Public in and for said county and state, personally appeared Richard C. Hamilton and Raymond C. Hamilton, Co-Personal Representatives of the estate of Ruth E. Hamilton, deceased, and acknowledged the execution of the foregoing Deed.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my seal this 5th day of January, 2000.

My Commission Expires:

4/22/01


Thomas F. Lewis III, Notary Public
A resident of St. Joseph County, IN



PREPARED BY: Thomas F. Lewis III (19030-71), Attorney at
1800 City Center, 211 West Washington Street, Post Office Box
Bend, IN 46634-4577.

DULY ENTERED FOR TAXATION
J. F. NAGY
ACU
ST. JOSEPH CO. INDIANA

Appendix G

Regulatory File Review Documentation

EXECUTIVE SUMMARY

Wightman Environmental, Inc. (WEI) was retained by The City of South Bend, Indiana Division of Economic Development to perform a Phase I Environmental Site Assessment (ESA) for Parcel #3 of the Hamilton Towing Site located at 901-917 South Lafayette Boulevard in South Bend, Indiana. Mr. Alexander Wallace conducted a site inspection of the subject property on October 22, 2008. The weather at the time of the site inspection was overcast and 50 degrees Fahrenheit.

The subject property consists of five adjoining parcels of property located in the southwest quadrant of the intersection of West Sample Street and South Lafayette Boulevard in South Bend, Indiana. The surrounding vicinity is primarily commercial and industrial in nature. Three structures are located on the subject property. A large building is located near the center of the subject property which is currently utilized as an office and a maintenance garage. A second building, which appears to have received some additions, is currently utilized as a paint shop and storage space. The third building is a storage shed located near the southwest corner of the subject property.

According to Sanborn Fire Insurance Maps for the subject property, the property has historically been occupied by a residential structure, a gasoline filling/service station, and an automobile junk yard. Various hazardous substances are associated with the past uses of the subject property such as petroleum products and solvents.

A large floor drain runs almost the entire length inside the office/maintenance garage building on the subject property. The current owner was unaware of where the floor drain discharges. One other floor drain was observed near the parts cleaning station in the maintenance garage.

According to the current owner of the subject property, Mr. Rick Hamilton, a gasoline service station was formerly located on the subject property near the corner of South Lafayette Boulevard and West Sample Street. Mr. Hamilton noted that four to five underground storage tanks were removed from the subject property sometime in the 1990's after purchasing the subject property. Mr. Hamilton also noted that underground hoists were also removed from the former service station location. However, the subject property is not contained on the UST or LUST site lists. A vent pipe was also identified exiting the ground in the northern portion of the subject property.

Three above ground storage tanks (AST) were identified in the northern portion of the subject property. The ASTs were simply labeled gas. Two of the ASTs were located in a secondary containment bin. Numerous drums and petroleum containers were also noted in the northern portion of the subject property. The drums did not contain labels identifying their contents.

Numerous junk cars and miscellaneous debris were identified on the subject property. The current owner indicated that the junk cars were not drained of all their fluids prior to storage.

The subject property is contained on the Federal RCRA and FINDS lists as well as the State of Indiana MANIFEST list. There are 86 other sites within a one-mile radius of the subject property contained on State and/or Federal lists of sites with existing or potential sources of contamination. These sites are described in Section 4.0 of this Phase I ESA.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 for Parcel #3 of the Hamilton Towing Site located at 901-917 South Lafayette Boulevard in South Bend, Indiana. Any exceptions to, or deletions from, this practice are described in Section 10.0 of this report. During the site investigation and historical research, no recognized environmental conditions (REC's) associated with the subject property were identified, except the following:

1. The subject property has historically contained an automobile filling/service station and an automobile junk yard. Various hazardous substances are associated with the prior and current industrial/commercial uses of the property.
2. Two large floor drains were observed in the maintenance building on the subject property. The current owner was unaware of the floor drain's point of discharge. Floor drains can act as direct pathways for contaminants to enter the soil and/or groundwater beneath the subject property.
3. Four to five USTs were formerly located on the subject property. It is unknown if the UST systems impacted the soil and/or groundwater beneath the subject property.
4. A vent pipe was identified exiting the ground in the northern portion of the subject property. A vent pipe indicates the possible presence of a UST or UST components in the subsurface.
5. Bulk storage of petroleum products was identified in the northern portion of the subject property. Three ASTs are currently in service at the subject property.
6. Numerous junk cars are located in the northern portion of the subject property. The current owner indicated that the junk cars were not drained of all their fluids prior to storage. The junk cars as well as drums and other miscellaneous debris are located on a gravel/grass surface.
7. The subject property is contained on the Federal RCRA and FINDS lists as well as the State of Indiana MANIFEST list.

Numerous RECs have been identified at the subject property. WEI recommends further environmental investigation be conducted at the subject property to assure the soil and/or groundwater beneath the site has not been impacted. Following is a brief description of the work WEI believes is necessary to alleviate potential purchasers of the subject property liability protection.

WEI recommends the installation of approximately ten (10) soil borings in predetermined locations across the subject property. A soil sample shall be collected from each soil boring and three groundwater samples shall also be collected from field determined locations. Soil and groundwater samples shall be sent to an independent analytical laboratory for the analysis of volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PNAs), and heavy metals.

The floor drains in the maintenance building should be dye tested to determine their point of discharge. Further investigation may need to be conducted on the floor drains if they are found not to discharge to the municipal sanitary sewer or storm sewer.

910-912 S. Lafayette
(Adjacent Site)

EXECUTIVE SUMMARY

Wightman Environmental, Inc. (WEI) was retained by The City of South Bend, Indiana Division of Economic Development to perform a Phase I Environmental Site Assessment (ESA) for Parcel #2 of the Hamilton Towing Property located at 910 and 912 South Lafayette Boulevard in South Bend, Indiana. Mr. Alexander Wallace conducted a site inspection of the subject property on October 22, 2008. The weather at the time of the site inspection was overcast and 50 degrees Fahrenheit.

The subject property is located in the southeast quadrant of the intersection of West Sample Street and South Lafayette Boulevard in South Bend, Indiana. The surrounding vicinity is primarily commercial and industrial in nature.

The subject property currently contains one structure which is occupied by Hamilton Towing. According to the current owner of the subject property, Mr. Rick Hamilton, the structure was built in approximately 1920. The one-story structure is currently being utilized as office space and as a fleet storage and maintenance area. The structure contains a large floor drain which runs nearly the length of the building. Mr. Hamilton was unaware of the floor drain's point of discharge.

Bulk storage of hazardous substances (*i.e.* diesel fuel, lubricants, solvents, etc.) was identified in the maintenance area of the subject property. Two used oil ASTs, drums, and numerous other petroleum containers were identified in the structure on the subject property.

According to Sanborn Fire Insurance Maps obtained for the subject property, an automobile garage/repair facility occupied the subject property from at least 1917 to 1980. Hazardous substances have been stored and utilized on the subject property since at least 1917.

The subject property is not contained on any State or Federal lists of sites with existing or potential sources of contamination. There are 87 sites within a one-mile radius of the subject property contained on State and/or Federal lists of sites with exiting or potential sources of contamination.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 for the property located at Parcel #2 of the Hamilton Towing Property located at 910 and 912 South Lafayette Boulevard in South Bend, Indiana. Any exceptions to, or deletions from, this practice are described in Section 10.0 of this report. During the site investigation and historical research, no recognized environmental conditions (REC's) associated with the subject property were identified, except the following:

1. A floor drain was identified in the fleet storage/maintenance area of the subject property. The current owner was unaware of where the floor drain discharges.
2. The subject property has historically been utilized as industrial property. An automobile repair facility/garage occupied the subject property from at least 1917 to 1980.

WEI recommends that the floor drain be dye tested to try and determine the point of discharge. If the point of discharge is unable to be determined with the dye test further investigation will need to be

conducted to determine if the drain is discharging to a dry well or another on-site system. WEI also recommends the installation of a series of soil borings across the subject property to determine if a historical release of hazardous substances has occurred on the property. A minimum of five soil samples and one groundwater sample should be collected from the soil borings and sent to an independent analytical laboratory for the analysis of volatile organic compounds (VOCs) and polynuclear aromatic hydrocarbons (PNAs).

**PHASE II
ENVIRONMENTAL SITE ASSESSMENT**

**HAMILTON TOWING FACILITY
802-812, 910-912 and 901-917 S. LaFayette Blvd.
South Bend, IN 46601**

Project No. 2012-5041

May 4, 2012

Prepared For:

**City of South Bend
Department of Community and Economic Development
227 West Jefferson, Suite 1200
South Bend, IN 46601**

Prepared By:

**WIGHTMAN PETRIE, INC.
412 S. Lafayette Blvd.
South Bend, Indiana 46601**



WIGHTMAN PETRIE

SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

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4 SUMMARY OF ANALYTICAL DATA - SOILS	6
5 CONCLUSIONS	8
6 CLOSURE	9

APPENDIX

APPENDIX A	FIGURE
APPENDIX B	SOIL BORINGS
APPENDIX C	LABORATORY ANALYTICAL DATA

APPENDIX

APPENDIX A
APPENDIX B
APPENDIX C
APPENDIX D
APPENDIX E
APPENDIX F
APPENDIX G

FIGURES
PHOTOGRAPHS
EDR REPORT
AERIAL PHOTOGRAPHS
SANBORN MAP REPORT
DEED & PROPERTY RECORD CARDS
PRIOR ENVIRONMENTAL REPORT DOC.

Prior Reports: Subject Site
Phase I Environmental Site Assessment
(Wightman Environmental - November 2008)
Phase II Environmental Site Assessment
(Wightman Petrie - May 2012)
Prior Reports: Adjacent Properties
Excerpt from ATEC Consultants
(1995 Phase I Environmental Site Assessment
Former Avanti Facility)

May 4, 2012

City of South Bend
Department of Community and Economic Development
227 W. Jefferson, Suite 1200
South Bend, Indiana 46601

Attention: Ms. Ann Kolata

RE: REPORT OF LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT, HAMILTON TOWING FACILITY 802-812, 910-912, & 901-917 S LAFAYETTE BLVD, SOUTH BEND, INDIANA

Wightman Petrie is pleased to provide the following Report of Limited Phase II Environmental Site Assessment as it relates to the Hamilton Properties at 802-812, 910-912, & 901-917 S. Lafayette Blvd., South Bend, Indiana. The following presents a brief summary of project information and the need for follow-up environmental services, the scope of services performed, a discussion of laboratory analysis and comparison to applicable Indiana Department of Environmental Management (IDEM) Risk Integrated System of Closure (RISC), Default Closure Criteria, and resultant Conclusions/Recommendations.

PROJECT INFORMATION

The following information is based upon individual Phase I Environmental Site Assessment Reports that were completed for the City of South Bend by Wightman Environmental Inc. (WEI) in November 2008. Such Phase I Environmental Site Assessments were performed as an initial phase in the consideration of acquisition by the City of South Bend. However, with shifting priorities and funding considerations, such acquisition was indefinitely delayed.

Currently, the City of South Bend is reconsidering potential acquisition of the Hamilton Properties for the expansion of Ignition Park, as a key part of the overall re-development of the former Studebaker Manufacturing Zone. As such, the City of South Bend is interested in completion of the Phase II Environmental Site Assessments, as recommended by the November 2008 Phase I Assessments, in order to determine the extent to which any environmental impacts associated with historical automotive towing, service and body shop operations exist at the subject properties. Once complete, the City of South Bend intends to use the results of the Phase II Site Assessments to negotiate a Purchase Agreement with the property owners, with completion of an Updated Phase I Environmental Site Assessment within an appropriate environmental due diligence period established by buying and selling parties.

802 – 812 S. Lafayette Blvd. (Hamilton Tow Yard) – consists of four (4) parcels of land (018-3042-1607 through 018-3042-1610) totaling approximately 0.58 acres. The northernmost lot is developed with one (1) structure that was reported to have been used as garage space for storage of the Hamilton Towing fleet vehicles. Office space is present on the south side of the structure. The remainder of the property is currently being used for the storage of automobiles, trailers and machinery associated with the Hamilton Towing operation. The entire property is enclosed with an aluminum fence, with access via a locking swing gate along S. Lafayette Blvd. Historically, auto repair operations occupied the subject site from 1949 through at least 1980 (Sanborn Fire Insurance Maps), with two (2) gasoline USTs having been located on the south side of the former auto service building. In addition, the current owner has indicated that a heating oil UST system was excavated from the ground on the east side of the existing building. In addition, a hydraulic lift, no longer in use, was identified as having been left in the ground, within the

May 2012



existing building. The subject property was not identified by the regulatory database search; however there was significant potential for on-site migration of contaminants from surrounding sources.

910-912 S. Lafayette Blvd. (Hamilton Towing) – consists of three (3) parcels (018-8001-0001, 18-8001-0002 and 018-8001-00201) totaling approximately 0.33-acres. The subject site is developed with one (1) structure which is occupied by Hamilton Towing, and being used as office space and as a fleet (tow truck) storage and maintenance facility. The building was reportedly constructed in the 1920s, and contained a trench drain that extends the entire length of the building, for which Mr. Hamilton was unfamiliar with the point of discharge. Bulk storage of petroleum products and hazardous materials (i.e., diesel fuel, lubricants, solvents, etc.) were identified in the maintenance area of the building, in addition to two (2) oil ASTs, drums and smaller sized (commercially available) containers throughout the building. Historical Sanborn Maps indicate use of the building as an auto repair facility from 1917 through at least 1980. The subject property was not identified by the regulatory database search; however there was significant potential for on-site migration of contaminants from surrounding sources.

901-917 S. Lafayette Blvd. – consists of five (5) parcels (018-8002-0094, and 018-8002-0096 through 018-8002-0099) totaling approximately 0.93-acres of land. The subject site is developed with three (3) structures. A large building is located near the center of the property which is used as an office and maintenance garage. A second building that appears to be used as a paint shop and storage space, and a third building used for storage, is located near the southwest corner of the property. According to Sanborn Maps, the historical use of the property includes residential, a gasoline service station, and an auto junk yard. Such historical operations were deemed as having the potential for significant use and/or storage of hazardous materials and petroleum substances. Trench drains are present within the facility for which the owner is not aware of the point of discharge. The former gas station, located at the southwest corner of the intersection of W. Sample St. and S. Lafayette Blvd., was the location for removal of four to five UST systems in the 1990s's following purchase by Mr. Hamilton. An additional vent pipe was identified in the northern portion of the subject property. In addition, underground hoists associated with the gas station operations were also removed from the ground. Three (3) ASTs, all of which were labeled as "gas", were identified at the northern portion of the building, with two (2) of the ASTs within secondary containment. Numerous unlabeled drums and petroleum containers were also present on the north side of the building. Junk cars being staged at the rear of the buildings (aluminum fencing present) were not drained of fluids prior to storage. The subject property was identified by the regulatory database search as a RCRA Generator as well as cross-indexing lists such as FINDS and the Indiana Manifest List. There also exists significant potential for on-site migration of contaminants from surrounding sources

SCOPE OF SERVICES PERFORMED

The following further describes the methods used during the implementation of the Phase II Environmental Site Assessment.

Ground Penetrating Radar Survey

Prior to the initiation of any Phase II Environmental Site Assessment activities, Wightman Petrie completed a Ground Penetrating Radar Survey (GPR) of the subject site for the purpose of identifying the potential presence of features such as previously abandoned and/or removed underground storage tank systems, underground utilities and other unidentified subsurface structures. Key areas of the GPR Survey were along the southwest intersection of Lafayette Blvd and Sample St, where USTs were known to have existed as a part of former gasoline fueling station/auto repair service operations. Another area of concern identified by the Phase I Environmental Site Assessments was a former heating oil UST along the south and east side of the former towing facility (current junkyard) at 802-810 Lafayette Blvd.

Ground Penetrating Radar offers the means to detect buried objects that are not otherwise detectable. In addition to the ability to locate metal objects (i.e., underground storage tanks, drums), GPR is able to detect non-metallic objects. The system sends radar pulses into the surface, receives, and processes the reflected energy. Through advanced processing technology, the system calibrates the di-electric constant of the surrounding material. When the signal is reflected from the material having a different di-electric constant, the signal is displayed on the screen as an anomaly. Depth can also be determined by processing the sampling interval and determining the size and comparing relative data to other objects detected.

Characteristics of underlying soils effect the penetration of the radar through the ground. Sands and gravel offer the greatest depth penetration and clearest resolution. Whereas, dense saturated clays offer limited penetration of the radar signal. For purposes of this GPR Survey, the depth limitation for the GPR was approximately 8 feet below land surface.

Areas of the former UST systems were scanned in both an east/west and north/south direction, at approximately 3-ft intervals, and it did not detect the presence of any subsurface anomalies consistent with the presence of buried USTs. These findings are consistent with the accounts of the current property owners, which indicated that they had previously undertaken the removal of all known UST systems that were present on the subject site

Soil Sampling via Geoprobe Methodology

Using Geoprobe methodologies (small track mounted hydraulically driven sampling probe) soil samples were collected from a total of nineteen (19) locations. Boring locations (refer to Appendix A – Figures) were determined based upon the results of historical document review and field data gathered from the completion of the Ground Penetrating Radar.

For the property identified as 802-812 S. Lafayette Blvd, five (5) soil borings (GP-1, GP-2, GP-3, GP-4 and GP-19) were installed. Wightman Petrie installed one (1) soil boring along the southern wall of the building, in an area of a historical UST system (GP-3); one (1) soil boring along the eastern edge of the building in an area of a historical UST system (GP-19), and three (3) soil borings in the junkyard area to the south of the former towing building.

For the property identified as 910-912 S. Lafayette Blvd, five (5) soil borings (GP5 through GP-9) were installed around the perimeter of the building as locations in assessing the potential for migration of contaminants. It should be noted that roof clearances within the building were not sufficient to allow for the entry of the Geoprobe sampling apparatus.

For the property identified as 901-917 S. Lafayette Blvd, ten (10) soil borings (GP-10 through GP-18) were installed throughout the subject property. Three (3) soil borings were installed in the area of the former automotive fueling station near the southwest corner of the intersection of S. Lafayette Blvd & W. Sample St. Five (5) soil borings were installed in the current junkyard area to the west of the building. One (1) soil boring was installed inside the subject building, near the existing trench drain.

For most of the Geoprobe boring locations, discrete soil samples were collected at 5-foot intervals throughout the soil profile until saturated soil conditions were encountered (approximately 25-feet below land surface). However, for other locations where a specific Recognized Environmental Condition focused on more shallow concerns (i.e., trench drain or surficial staining, soil samples were collected to a specified depth and then terminated. Each soil sample interval was screened for the presence of volatile organics by placing a portion of the soil sample into a plastic bag, allowing time for equilibration, and insertion of a photoionization detector (PID) probe to observe a reading of "total VOCs" in parts per million (ppm). All data associated with the field screening of VOCs will be recorded for future reference

(Appendix B - Soil Boring Logs). In general there were no PID readings observed at levels that would be considered above the typical range of background (less than 5 ppm for total VOCs).

In addition, a portion of each discrete sampling interval was collected for submittal to a laboratory. Wightman Petrie initially proposed to submit one (1) soil sample from each of the nineteen (19) boring locations based on the PID field screening results and/or other indications of the presence of potential contamination (visual or olfactory). However, given that there were no significant deflections of the PID consistent with the presence of elevated concentrations of VOCs, and visual/olfactory observations did not indicate the presence of specific zones of contamination; the soil sampling interval for which soil samples were submitted for laboratory analysis varied by location, although typically ranged from the 0-5-ft depth (shallow soils), and the 10-15 ft. depth (subsurface). Each of the soil samples selected for laboratory analysis was analyzed for the presence of Volatile Organic Compounds (VOCs) via EPA Method 8260, and carcinogenic Polynuclear Aromatic Hydrocarbons (cPAHs). Wightman Petrie utilized IDEM guidance Terra-Core Methods to collect soil samples from each discrete sampling interval for the analysis of VOC constituents. All soil samples were labeled with identifying nomenclature, packed on ice and forwarded to the laboratory under chain-of-custody procedures.

Temporary Geoprobe Well Installation for Groundwater Sampling

Wightman Petrie converted eight (8) Geoprobe soil borings to temporary wells with insertion of a Geoprobe groundwater sampling device, which allowed for the extension of a stainless steel slotted screen for collection of a groundwater sample from the point at which the saturated or water-bearing zone was encountered. As previously indicated, Wightman Petrie encountered the water-bearing zone within 24- to 25-feet of land surface. Temporary wells were initially screened within the upper 4-feet, once encountering saturated conditions.

Once installed, each temporary well or depth interval within the temporary well was purged until such time as the water discharge became relatively free of solids or until at least three (3) gallons of water had been removed. Groundwater from each of the temporary wells was analyzed for Volatile Organic Compounds via EPA Method 8260, and carcinogenic PAHs via EPA Method 8270 SIM. Each groundwater sample was appropriately labeled, packed on ice, and forwarded to the laboratory (priority overnight delivery) under chain-of-custody procedures.

With the completion of groundwater sampling activity, the boreholes/wells were plugged with bentonite in order to prevent the potential for introduction of contamination via the boring annulus.

SUMMARY OF LABORATORY ANALYSIS

Soil Sampling via Geoprobe Methodology

Shallow Soils - As indicated by the Soil Boring Logs, shallow soils present at the subject site were generally classified as dark brown silty sand in the upper 2-5 ft. As previously discussed, and presented on the various Soil Boring Logs, there were no deflections consistent with the presence of Volatile Organic Compounds identified during the field screening efforts with a photoionization detector.

Analytical results for soil samples submitted for laboratory analysis are presented in Table 1, respectively.

As indicated, Volatile Organic Compounds were not detected in any of the Near Surface soil samples submitted for laboratory analysis.

Carcinogenic Polynuclear Aromatic Hydrocarbons (cPAHs) were only detected in the near surface soil sample submitted from location GP-7, collected at the northeast corner of the Hamilton Towing Building

(910-912 S. Lafayette Blvd.). Of the PAHs reported at concentrations above the laboratory detection limit within sample GP-7 (0'-5'), none were reported at a level that was in excess of the RISC Residential Criteria.

Subsurface Soils – Subsurface soils were typically characterized as light brown to brown sand with gravel with traces of rock fragments below a depth of approximately 5-feet.

Analytical results for subsurface soil samples submitted for laboratory analysis are presented in Table 2.

TABLE 1
 SUMMARY OF ANALYTICAL DATA - SOILS
 HAMILTON TOWING - South Bend

Shallow Soil Samples
 (expressed as mg/kg)

	GP-1		GP-2		GP-3		GP-5		GP-7		GP-8		GP-9		GP-14		GP-15		GP-17		GP-18		GP-19		RISC	RISC		
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	RESIDENTIAL	INDUSTRIAL		
	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	(0-5)	LEVEL	LEVEL	CLOSURE	CLOSURE	
Volatile Organic Compounds	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA			
Carcinogenic PAHs																												
Benzo(a)anthracene	ND	ND	ND	ND	ND	0.0083	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	5	15	15	
Benzo(a)pyrene	ND	ND	ND	ND	ND	0.0066	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	0.5	1.5	1.5	
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	5	15	15	
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	50	150	150	
Chrysene	ND	ND	ND	ND	ND	0.0104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	500	500	1500	1500	
Dibenzof(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	0.5	1.5	1.5	
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	5	15	15	
Naphthalene	ND	ND	ND	ND	ND	0.0111	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	0.7	170	170	
Percent Moisture (%)	10.3	6.6	6.9	7	13.4	5	10.7	9.5	11	10	3.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	NA	NA	NA	NA	NA

ND - Not reported at levels above the laboratory detection limit
 NA - Not Applicable

TABLE 2
SUMMARY OF ANALYTICAL DATA - SOILS
HAMILTON TOWING - South Bend
Subsurface Soil Samples

(results expressed as mg/kg)

	GP-4 (10-15)	GP-6 (10-15)	GP-10 (15-20)	GP-11 (10-15)	GP-12 (10-15)	GP-13 (5-10)	GP-16 (5-10)	RISC	
								RESIDENTIAL CLOSURE LEVEL	INDUSTRIAL CLOSURE LEVEL
Volatile Organic Compounds									
Carcinogenic PAHs									
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	0.0098	5	15
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	0.0127	0.5	1.5
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	0.0123	5	15
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	0.0134	50	150
Chrysene	ND	ND	ND	ND	ND	ND	0.0102	500	1500
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	0.0155	0.5	1.5
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	0.0154	5	15
Naphthalene	ND	ND	ND	ND	ND	ND	ND	0.7	170
Percent Moisture (%)	3.5	2.8	2.7	3.1	4	3.6	4	NA	NA

ND - Not Detected at levels above laboratory detection limits

NA - Not Applicable

As presented, none of the subsurface soil samples were reported as having Volatile Organic Compounds above the reported laboratory detection limits. For the Carcinogenic Polynuclear Aromatic Hydrocarbons, only the subsurface soil sample submitted from location GP-16, at the southwest corner of the Hamilton Body Shop Building, was reported as having concentrations above the laboratory detection limits. Of the concentrations reported within the GP-16 subsurface soil sample, none were reported above the RISC Residential Default Closure Criteria.

The RISC Residential Default Closure Values are derived from the lowest of five factors that include: 1) concentration for soil saturation, 2) soil attenuation capacity, 3) calculations regarding risk-based construction worker scenario, 4) calculations regarding risk-based direct exposure, and 5) calculations regarding the potential exposure as a result of migration to groundwater. Default Closure Values are considered protective of human health. It should also be noted that IDEM uses the RISC Residential Default Closure Criteria as a basis for all closures. Use of the less restrictive Industrial Default Closure Values requires the attachment of an Environmental Restrictive Covenant to the existing property deed.

Groundwater Sampling via Geoprobe Methodology

As indicated by the laboratory data in presented in Appendix C, none of the eight (8) groundwater samples collected from the various properties were reported as having concentrations of contaminants (Volatile Organic Compounds and Carcinogenic Polynuclear Aromatic Hydrocarbons) above the respective laboratory detection limits.

CONCLUSIONS

Wightman Petrie has completed a Phase II Environmental Site Assessment of the Hamilton Properties, located at 802-812 S. Lafayette Blvd., 910-912 S. Lafayette Blvd. and 901-917 S. Lafayette Blvd., South Bend, Indiana. Our investigation involved the installation of nineteen (GP-1 through GP-19) soil borings from which near surface and subsurface soil samples were collected and analyzed for the presence of Volatile Organic Compounds (VOCs) and Carcinogenic Polynuclear Aromatic Hydrocarbons (cPAHs), as potential Contaminants of Concern.

Results of the laboratory analysis did not indicate the presence of any Contaminants of Concern, in surface or subsurface soil samples, at levels above the more conservative Risk-Integrated System of Closure (RISC) Residential Default Closure Values. The RISC Residential Default Closure Values are the more conservative of the regulatory criterion that the Indiana Department of Environmental Management uses in its assessment of the need for environmental clean-up activity (i.e., remediation).

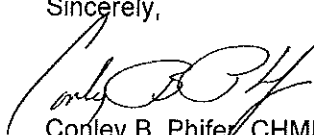
Similarly, groundwater samples collected from eight temporary wells established from the transition of soil boring locations, also indicated either non-detectable levels, or levels below the established Residential RISC Closure Criteria for all identified Contaminants of Concern (Volatile Organic Compounds and Carcinogenic Polynuclear Aromatic Hydrocarbons).

Based on the aforementioned, No Further Assessment of the subject site would appear to be warranted at this time. Please note that the City of South Bend has retained Wightman Petrie to perform a Phase I Site Assessment Update for each of the subject sites. While not anticipated, the potential exists that additional recommendations for the sampling of soil and groundwater may arise from any newly discovered release or spill event and/or the identification of additional Recognized Environmental Conditions, beyond those identified from the 2008 Phase I Site Assessment efforts.

CLOSURE

Wightman Petrie appreciates the opportunity to be of service on this project. Should you have any questions or require additional information, please contact me at (574) 232-4388.

Sincerely,

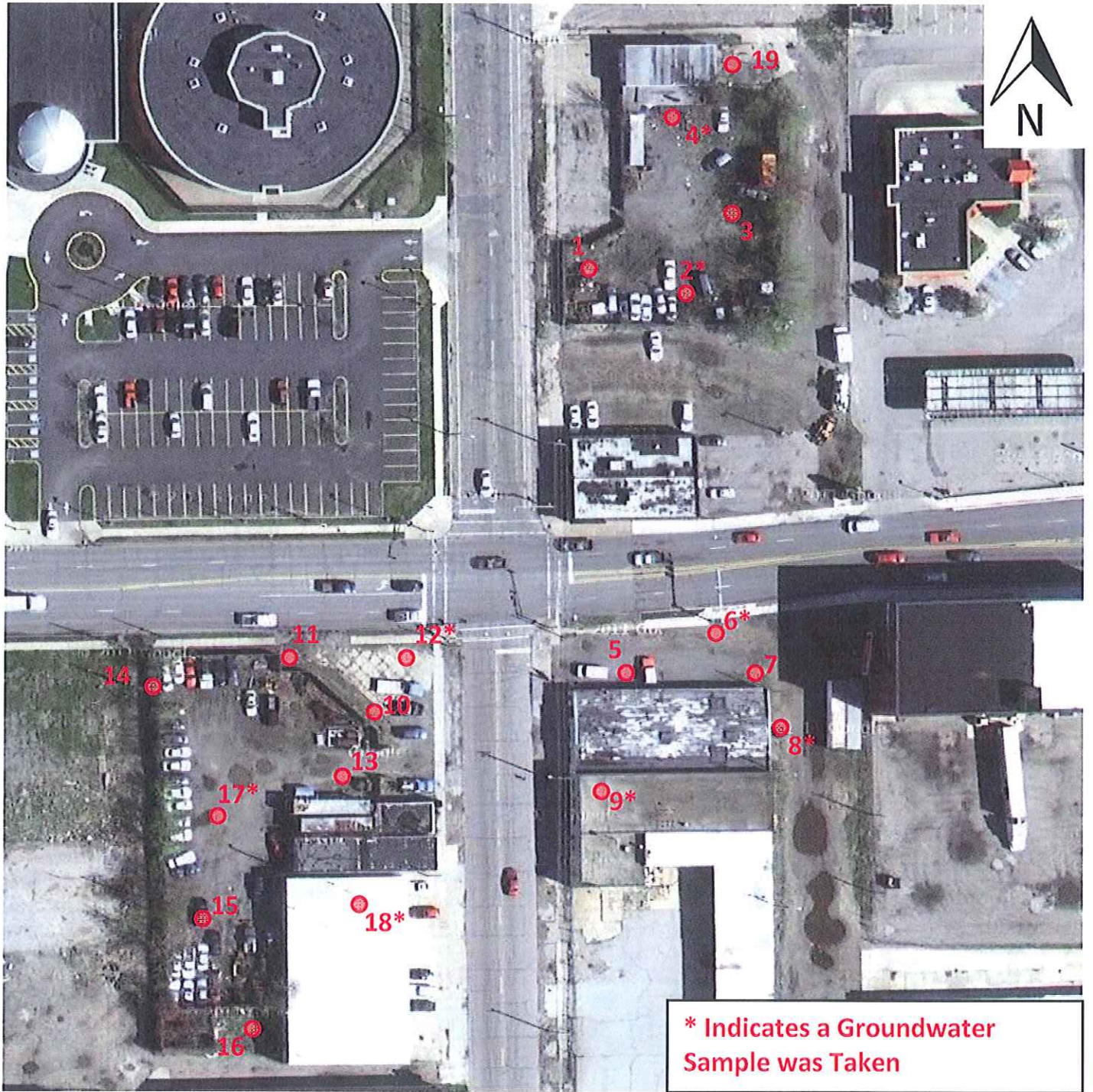


Conley B. Phifer, CHMM
Environmental Department Manager

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Appendix A

Figure



*** Indicates a Groundwater Sample was Taken**

Date: April 16, 2012	Project: Hamilton Towing, South Bend, IN	Drawn By: AJS
Scale: Not Shown		Approved By: CBP
Source: Google Earth	Project No. 2012-5041	Figure 1 – Soil Boring Locations

Appendix B

Soil Borings

PROJECT : Hamilton Towing	BORING NUMBER : GP-1 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : n/a
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sand and Gravel Fill w/ Rock Fragments		0-5	0.0	
2	Black Sand and Gravel Fill w/ Rock Fragments Dark Brown Silty Sand w/ Trace Rock Fragments				
4	Brown Sand				
6	Dark Brown Silty Sand and Gravel w/ Trace Rock Fragments		5-10	0.0	
8	Light Brown Sand Brown Sand and Gravel				
10					
12					
14					
16					
18					
20					
22					
24					



PROJECT : Hamilton Towing	BORING NUMBER : GP-2 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : 25ft bgs
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Black Sand and Gravel Fill				
0-5	Dark Brown Silty Sand Black Silty Sand w/ Trace Rock Fragments Dark Brown Silty Sandy Clay		0-5	0.0	
4	Brown Sand				
5-10	Brown Silty Sand Brown Coarse Sand		5-10	0.0	
10	Greyish Brown Clay				
10-15	Coarse Brown Sand Light Brown Poorly Graded Sand		10-15	0.0	
15-20			15-20	0.2	
20-25			20-25	0.0	
25-30	Brown Silty Coarse Sand Brown Poorly Graded Sand		25-30	0.0	
25					Water Table - 25' bgs
28	Brown Sandy Gravel				
30					



PROJECT : Hamilton Towing	BORING NUMBER : GP-3 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : n/a
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0-5	Brown Sandy Topsoil Black Sand and Gravel Fill Concrete Fragments Brown Silty Sand		0-5	2.1	
5-10	Brown Sand		5-10	0.2	
10-15	Greyish Brown Clay		10-15	0.0	
15-16	Brown Sand w/ Trace Gravel				
16-24					


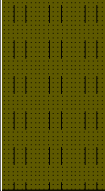
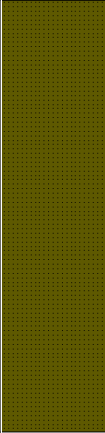


PROJECT : Hamilton Towing	BORING NUMBER : GP-4 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : 25ft bgs
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Black Sand and Gravel Fill				
0	Black Sandy Silt				
2	Brown Sandy Silty Clay w/ Trace Rock Fragments		0-5	0.0	
4	Brown Sand				
6					
8			5-10	4.0	
10					
12			10-15	4.5	
14					
16	Brown Sand w/ Trace Rock Fragments				
18			15-20	4.7	
20	Brown Sand				
22			20-25	4.0	
24					
					Water Table - 25' bgs



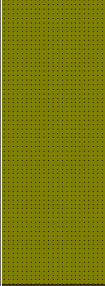
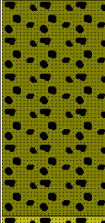
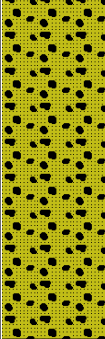
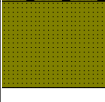


PROJECT : Hamilton Towing	BORING NUMBER : GP-5 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : n/a
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Black Sand & Gravel Fill w/ Trace Rock Fragments				
0-2	Dark Brown Fine Sand w/ Silt Lenses		0-5	0.8	
5-6	Dark Brown Sand		5-10	1.3	
10-15			10-15	1.3	
16-24					


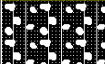

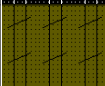
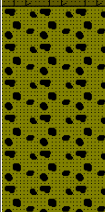


PROJECT : Hamilton Towing	BORING NUMBER : GP-6 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : 25ft bgs
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Dark Grey Silty Sand and Gravel Fill w/ Trace Rock Fragments				
2	Dark Brown Sandy Silty Clay		0-5	1.2	
4	Brown Sand				
6					
8			5-10	1.5	
10	Brown Poorly Graded Sand w/ Trace Gravel				
12			10-15	0.7	
14					
16	Light Brown Sand and Gravel w/ Rock Fragments				
18			15-20	0.0	
20					
22			20-25	1.0	
24	Brown Coarse Sand				
					Water Table - 25' bgs



PROJECT : Hamilton Towing	BORING NUMBER : GP-7 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : n/a
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sandy Topsoil				
0	Black Silty Sand and Gravel Fill				
2	Black Silty Clayey Sand		0-5	0.0	
4	Dark Brown Sandy Silty Clay				
6	Brown Sand w/ Trace Rock Fragments		5-10	0.0	
8					
10					
12					
14					
16					
18					
20					
22					
24					



PROJECT : Hamilton Towing	BORING NUMBER : GP-8 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : 25ft bgs
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sand and Gravelly Topsoil				
0	Black Sand and Gravel Fill				
2	Black Silty Sand				
2	Dark Brown Sandy Silty Clay		0-5	0.0	
4	Brown Sand w/ Trace Rock Fragments				
6					
8			5-10	0.0	
10					
12			10-15	0.0	
14					
16					
16	Brown Clay				
18	Brown Poorly Graded Sand and Gravel w/ Trace Rock Fragments		15-20	0.0	
20					
22			20-25	0.0	
24					
					Water Table - 25' bgs



PROJECT : Hamilton Towing	BORING NUMBER : GP-9 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : 25ft bgs
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sandy Topsoil				
0-5	Dark Brown Sandy Silty Clay		0-5	0.7	
0-5	Brown Sandy Silt				
0-5	Brown Sand				
5-10			5-10	2.6	
10	Brown Clay				
10-15	Brown Sand w/ Clay Chunks and Trace Rock Fragments		10-15	1.3	
10-15	Brown Sand				
14	Light Brown Sand				
15-20	Light Brown Sand and Gravel w/ Rock Fragments		15-20	0.9	
20-25			20-25	0.9	
					Water Table - 25' bgs



PROJECT : Hamilton Towing	BORING NUMBER : GP-10 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : n/a
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Concrete				
0-2	Dark Brown Sandy Silty Clay				
2-5	Brown Sand		0-5	0.0	
5-10			5-10	0.0	
10-12	Brown Clay				
12-15	Light Brown Poorly Graded Sand		10-15	0.0	
15-24					

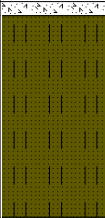
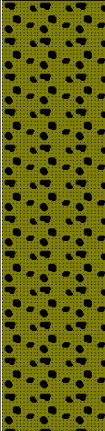


PROJECT : Hamilton Towing	BORING NUMBER : GP-11 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : 25ft bgs
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Dark Brown Silty Sand w/ Rock Fragments				
2	Dark Brown Sandy Silt		0-5	0.0	
4	Brown Sand				
6	Light Brown Sand w/ Trace Rock Fragments		5-10	0.0	
8					
10	Brown Clay				
12	Light Brown Sand w/ Trace Rock Fragments		10-15	0.0	
14					
16	Brown Sand		15-20	0.0	
18					
20	Brown Coarse Sand w/ Trace Rock Fragments		20-25	0.0	
22					
24					
	Brown Sandy Gravel				Water Table - 25' bgs



PROJECT : Hamilton Towing	BORING NUMBER : GP-12 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : n/a
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Concrete				
0-5	Dark Brown Silty Sand		0-5	0.1	
5-10	Brown Sand w/ Trace Rock Fragments		5-10	1.0	
10-15			10-15	0.0	
16					
18					
20					
22					
24					



PROJECT : Hamilton Towing	BORING NUMBER : GP-13 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : n/a
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sandy Topsoil		0-5	0.2	
1	Black Sand and Gravel Fill w/ Trace Silt				
2	Dark Brown Silty Sand		5-10	0.5	
4	Brown Sand and Concrete Fragments				
6	Brown Sand w/ Trace Rock Fragments				
8					
10					
12					
14					
16					
18					
20					
22					
24					



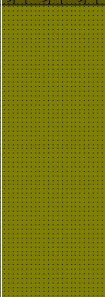
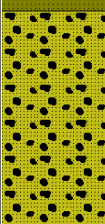


PROJECT : Hamilton Towing	BORING NUMBER : GP-14 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : n/a
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0-2	Brown Sandy Topsoil Dark Brown Sandy Silty Clay		0-5	1.2	
2-4	Brown Sand				
4-6	Light Brown Sand w/ Trace Rock Fragments		5-10	0.0	
6-10	Concrete Fragments Light Brown Sand w/ Trace Rock Fragments		10-15	0.0	
10-12					
12-14					
14-16					
16-18					
18-20					
20-22					
22-24					




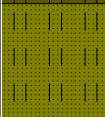
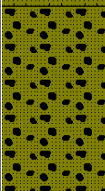

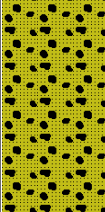


PROJECT : Hamilton Towing	BORING NUMBER : GP-15 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : n/a
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Black Sand and Gravel Fill				
0-2	Dark Brown Sandy Silty Clay		0-5	1.2	
2-4	Brown Sand				
4-10			5-10	0.0	
10-12	Light Brown Sand w/ Trace Rock Fragments				
12-15			10-15	0.9	
15-16					
16-18					
18-20					
20-22					
22-24					
24-					



PROJECT : Hamilton Towing	BORING NUMBER : GP-16 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : n/a
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sandy topsoil				
0	Red Brick Fragments				
2	Dark Brown Sandy Silty Clay				
2	Brown Silty Sand		0-5	0.7	
4					
6	Brown Sand w/ Trace Gravel				
8			5-10	1.6	
10	Concrete Fragments				
10	Light Brown Sand w/ Trace Rock Fragments				
12			10-15	0.6	
14					
16					
18					
20					
22					
24					

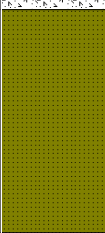
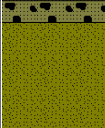
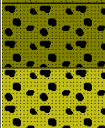
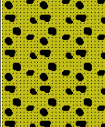
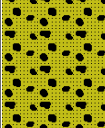


PROJECT : Hamilton Towing	BORING NUMBER : GP-17 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : 25ft bgs
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Brown Sandy Topsoil				
0	Black Sand and Gravel Fill				
2	Dark Brown Sandy Silty Clay		0-5	0.3	
4	Brown Silty Sand				
6	Brown Sand w/ Trace Rock Fragments				
8			5-10	0.0	
10					
12			10-15	0.7	
14					
16					
18			15-20	1.4	
20	Light Brown Sand and Gravel w/ Trace Rock Fragments				
22			20-25	0.6	
24					
					Water Table - 25' bgs

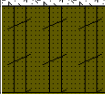
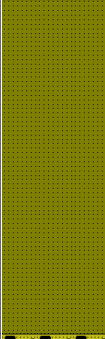
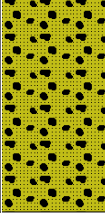


PROJECT : Hamilton Towing	BORING NUMBER : GP-18 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : 25ft bgs
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Concrete				
0-5	Brown Sand		0-5	1.9	
5-10	Greyish Brown Silty Sand w/ Trace Rock Fragments Brown Poorly Graded Sand		5-10	1.7	
10-15	Brown Sand and Gravel		10-15	1.4	
15-20	Light Brown Sand and Gravel w/ Trace Rock Fragments		15-20	1.8	
20-25			20-25	3.1	
					Water Table - 25' bgs



PROJECT : Hamilton Towing	BORING NUMBER : GP-19 SHEET 1 of 1
PROJECT NUMBER : 2012-5041	LOCATION : South Bend, IN
BORING METHOD : Geoprobe	GROUNDWATER DEPTH (ft bgs) : n/a
CONTRACTOR : D&T Drilling	SAMPLER TYPE: Geoprobe Sampling Sleeve
START : 4/11/12	HAMMER WGT: n/a
FINISH : 4/12/12	DROP: n/a

DEPTH BELOW	SOIL DESCRIPTION	SYMBOL	P.I.D. DATA		COMMENTS
			SAMPLE (ft)	RESULT (ppm)	
0	Concrete				
0-2	Dark Brown Sandy Silty Clay				
2-5	Brown Sand		0-5	0.3	
5-10			5-10	0.2	
10-15	Light Brown Sand w/ Trace Rock Fragments		10-15	4.3	
15-24					



Appendix C

Laboratory Analytical Data

April 19, 2012

Mr. Conley Phifer
Wightman Petrie Environmental
412 S. Lafayette
South Bend, IN 46601

RE: Project: Hamilton Towing
Pace Project No.: 5061376

Dear Mr. Phifer:

Enclosed are the analytical results for sample(s) received by the laboratory on April 12, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lyle Cable

lyle.cable@pacelabs.com
Project Manager

Enclosures



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7726 Moller Road
Indianapolis, IN 46268
(317)875-5894

CERTIFICATIONS

Project: Hamilton Towing
Pace Project No.: 5061376

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky Certification #: 0042

Louisiana/NELAC Certification #: 04076
Ohio VAP: CL0065
Pennsylvania: 68-04991
West Virginia Certification #: 330

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SAMPLE SUMMARY

Project: Hamilton Towing

Pace Project No.: 5061376

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5061376001	GP-1 0-5	Solid	04/11/12 08:31	04/12/12 10:44
5061376002	GP-2 0-5	Solid	04/11/12 09:00	04/12/12 10:44
5061376003	GP-3 0-5	Solid	04/11/12 10:18	04/12/12 10:44
5061376004	GP-4 10-15	Solid	04/11/12 10:52	04/12/12 10:44
5061376005	GP-5 0-5	Solid	04/11/12 12:30	04/12/12 10:44
5061376006	GP-6 10-15	Solid	04/11/12 13:03	04/12/12 10:44
5061376007	GP-7 0-5	Solid	04/11/12 13:47	04/12/12 10:44
5061376008	GP-8 0-5	Solid	04/11/12 14:03	04/12/12 10:44
5061376009	GP-10 10-15	Solid	04/11/12 15:14	04/12/12 10:44
5061376010	GP-1 5-10	Solid	04/11/12 08:42	04/12/12 10:44
5061376011	GP-2 5-10	Solid	04/11/12 09:06	04/12/12 10:44
5061376012	GP-2 10-15	Solid	04/11/12 09:10	04/12/12 10:44
5061376013	GP-2 15-20	Solid	04/11/12 09:16	04/12/12 10:44
5061376014	GP-2 20-25	Solid	04/11/12 09:21	04/12/12 10:44
5061376015	GP-2 25-30	Solid	04/11/12 09:35	04/12/12 10:44
5061376016	GP-3 5-10	Solid	04/11/12 10:22	04/12/12 10:44
5061376017	GP-3 10-15	Solid	04/11/12 10:27	04/12/12 10:44
5061376018	GP-4 0-5	Solid	04/11/12 10:43	04/12/12 10:44
5061376019	GP-4 5-10	Solid	04/11/12 10:48	04/12/12 10:44
5061376020	GP-4 15-20	Solid	04/11/12 10:56	04/12/12 10:44
5061376021	GP-4 20-25	Solid	04/11/12 11:06	04/12/12 10:44
5061376022	GP-5 5-10	Solid	04/11/12 12:33	04/12/12 10:44
5061376023	GP-5 10-15	Solid	04/11/12 12:39	04/12/12 10:44
5061376024	GP-6 0-5	Solid	04/11/12 12:48	04/12/12 10:44
5061376025	GP-6 5-10	Solid	04/11/12 13:00	04/12/12 10:44
5061376026	GP-6 15-20	Solid	04/11/12 13:07	04/12/12 10:44
5061376027	GP-6 20-25	Solid	04/11/12 13:12	04/12/12 10:44
5061376028	GP-7 5-10	Solid	04/11/12 13:52	04/12/12 10:44
5061376029	GP-8 5-10	Solid	04/11/12 14:08	04/12/12 10:44
5061376030	GP-8 10-15	Solid	04/11/12 14:12	04/12/12 10:44
5061376031	GP-8 15-20	Solid	04/11/12 14:20	04/12/12 10:44
5061376032	GP-8 20-25	Solid	04/11/12 14:28	04/12/12 10:44
5061376033	GP-10 0-5	Solid	04/11/12 15:09	04/12/12 10:44
5061376034	GP-10 5-10	Solid	04/11/12 15:11	04/12/12 10:44

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Hamilton Towing
Pace Project No.: 5061376

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5061376001	GP-1 0-5	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376002	GP-2 0-5	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376003	GP-3 0-5	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376004	GP-4 10-15	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376005	GP-5 0-5	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376006	GP-6 10-15	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376007	GP-7 0-5	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376008	GP-8 0-5	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1
5061376009	GP-10 10-15	EPA 8270 by SIM	RRB	10
		EPA 8260	SLB	73
		ASTM D2974-87	DAE	1

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-1 0-5 **Lab ID: 5061376001** Collected: 04/11/12 08:31 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	207-08-9	
Chrysene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	193-39-5	
Naphthalene	ND	ug/kg	5.6	1	04/13/12 11:10	04/14/12 02:25	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	55 %.		46-109	1	04/13/12 11:10	04/14/12 02:25	321-60-8	
p-Terphenyl-d14 (S)	63 %.		43-107	1	04/13/12 11:10	04/14/12 02:25	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	120	1		04/17/12 01:12	67-64-1	
Acrolein	ND	ug/kg	120	1		04/17/12 01:12	107-02-8	
Acrylonitrile	ND	ug/kg	120	1		04/17/12 01:12	107-13-1	
Benzene	ND	ug/kg	6.0	1		04/17/12 01:12	71-43-2	
Bromobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	1		04/17/12 01:12	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	1		04/17/12 01:12	75-27-4	
Bromoform	ND	ug/kg	6.0	1		04/17/12 01:12	75-25-2	
Bromomethane	ND	ug/kg	6.0	1		04/17/12 01:12	74-83-9	
2-Butanone (MEK)	ND	ug/kg	30.0	1		04/17/12 01:12	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	98-06-6	
Carbon disulfide	ND	ug/kg	12.0	1		04/17/12 01:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.0	1		04/17/12 01:12	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	108-90-7	
Chloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	75-00-3	
Chloroform	ND	ug/kg	6.0	1		04/17/12 01:12	67-66-3	
Chloromethane	ND	ug/kg	6.0	1		04/17/12 01:12	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.0	1		04/17/12 01:12	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	1		04/17/12 01:12	106-43-4	
Dibromochloromethane	ND	ug/kg	6.0	1		04/17/12 01:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	1		04/17/12 01:12	106-93-4	
Dibromomethane	ND	ug/kg	6.0	1		04/17/12 01:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	120	1		04/17/12 01:12	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	6.0	1		04/17/12 01:12	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.0	1		04/17/12 01:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	1		04/17/12 01:12	156-59-2	

Date: 04/19/2012 04:31 PM

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-1 0-5 Lab ID: 5061376001 Collected: 04/11/12 08:31 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	6.0	1		04/17/12 01:12	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	1		04/17/12 01:12	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	1		04/17/12 01:12	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	1		04/17/12 01:12	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.0	1		04/17/12 01:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1		04/17/12 01:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1		04/17/12 01:12	10061-02-6	
Ethylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	100-41-4	
Ethyl methacrylate	ND	ug/kg	120	1		04/17/12 01:12	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	1		04/17/12 01:12	87-68-3	
n-Hexane	ND	ug/kg	6.0	1		04/17/12 01:12	110-54-3	
2-Hexanone	ND	ug/kg	120	1		04/17/12 01:12	591-78-6	
Iodomethane	ND	ug/kg	120	1		04/17/12 01:12	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1		04/17/12 01:12	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.0	1		04/17/12 01:12	99-87-6	
Methylene Chloride	ND	ug/kg	24.0	1		04/17/12 01:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	30.0	1		04/17/12 01:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1		04/17/12 01:12	1634-04-4	
Naphthalene	ND	ug/kg	6.0	1		04/17/12 01:12	91-20-3	
n-Propylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	103-65-1	
Styrene	ND	ug/kg	6.0	1		04/17/12 01:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	1		04/17/12 01:12	127-18-4	
Toluene	ND	ug/kg	6.0	1		04/17/12 01:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	1		04/17/12 01:12	79-00-5	
Trichloroethene	ND	ug/kg	6.0	1		04/17/12 01:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.0	1		04/17/12 01:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	1		04/17/12 01:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1		04/17/12 01:12	108-67-8	
Vinyl acetate	ND	ug/kg	120	1		04/17/12 01:12	108-05-4	
Vinyl chloride	ND	ug/kg	6.0	1		04/17/12 01:12	75-01-4	
Xylene (Total)	ND	ug/kg	12.0	1		04/17/12 01:12	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106 %		71-125	1		04/17/12 01:12	1868-53-7	
Toluene-d8 (S)	97 %		76-124	1		04/17/12 01:12	2037-26-5	
4-Bromofluorobenzene (S)	96 %		67-134	1		04/17/12 01:12	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	10.3 %		0.10	1		04/12/12 17:39		
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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-2 0-5 **Lab ID:** 5061376002 Collected: 04/11/12 09:00 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	207-08-9	
Chrysene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	193-39-5	
Naphthalene	ND	ug/kg	5.4	1	04/13/12 11:10	04/14/12 02:43	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	56 %.		46-109	1	04/13/12 11:10	04/14/12 02:43	321-60-8	
p-Terphenyl-d14 (S)	60 %.		43-107	1	04/13/12 11:10	04/14/12 02:43	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	121	1		04/17/12 01:49	67-64-1	
Acrolein	ND	ug/kg	121	1		04/17/12 01:49	107-02-8	
Acrylonitrile	ND	ug/kg	121	1		04/17/12 01:49	107-13-1	
Benzene	ND	ug/kg	6.0	1		04/17/12 01:49	71-43-2	
Bromobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	1		04/17/12 01:49	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	1		04/17/12 01:49	75-27-4	
Bromoform	ND	ug/kg	6.0	1		04/17/12 01:49	75-25-2	
Bromomethane	ND	ug/kg	6.0	1		04/17/12 01:49	74-83-9	
2-Butanone (MEK)	ND	ug/kg	30.2	1		04/17/12 01:49	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	98-06-6	
Carbon disulfide	ND	ug/kg	12.1	1		04/17/12 01:49	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.0	1		04/17/12 01:49	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	108-90-7	
Chloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	75-00-3	
Chloroform	ND	ug/kg	6.0	1		04/17/12 01:49	67-66-3	
Chloromethane	ND	ug/kg	6.0	1		04/17/12 01:49	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.0	1		04/17/12 01:49	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	1		04/17/12 01:49	106-43-4	
Dibromochloromethane	ND	ug/kg	6.0	1		04/17/12 01:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	1		04/17/12 01:49	106-93-4	
Dibromomethane	ND	ug/kg	6.0	1		04/17/12 01:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	121	1		04/17/12 01:49	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	6.0	1		04/17/12 01:49	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.0	1		04/17/12 01:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	1		04/17/12 01:49	156-59-2	

Date: 04/19/2012 04:31 PM

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-2 0-5 **Lab ID:** 5061376002 Collected: 04/11/12 09:00 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	6.0	1		04/17/12 01:49	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	1		04/17/12 01:49	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	1		04/17/12 01:49	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	1		04/17/12 01:49	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.0	1		04/17/12 01:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1		04/17/12 01:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1		04/17/12 01:49	10061-02-6	
Ethylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	100-41-4	
Ethyl methacrylate	ND	ug/kg	121	1		04/17/12 01:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	1		04/17/12 01:49	87-68-3	
n-Hexane	ND	ug/kg	6.0	1		04/17/12 01:49	110-54-3	
2-Hexanone	ND	ug/kg	121	1		04/17/12 01:49	591-78-6	
Iodomethane	ND	ug/kg	121	1		04/17/12 01:49	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1		04/17/12 01:49	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.0	1		04/17/12 01:49	99-87-6	
Methylene Chloride	ND	ug/kg	24.2	1		04/17/12 01:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	30.2	1		04/17/12 01:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1		04/17/12 01:49	1634-04-4	
Naphthalene	ND	ug/kg	6.0	1		04/17/12 01:49	91-20-3	
n-Propylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	103-65-1	
Styrene	ND	ug/kg	6.0	1		04/17/12 01:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	1		04/17/12 01:49	127-18-4	
Toluene	ND	ug/kg	6.0	1		04/17/12 01:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1		04/17/12 01:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	1		04/17/12 01:49	79-00-5	
Trichloroethene	ND	ug/kg	6.0	1		04/17/12 01:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.0	1		04/17/12 01:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	1		04/17/12 01:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1		04/17/12 01:49	108-67-8	
Vinyl acetate	ND	ug/kg	121	1		04/17/12 01:49	108-05-4	
Vinyl chloride	ND	ug/kg	6.0	1		04/17/12 01:49	75-01-4	
Xylene (Total)	ND	ug/kg	12.1	1		04/17/12 01:49	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102 %		71-125	1		04/17/12 01:49	1868-53-7	
Toluene-d8 (S)	98 %		76-124	1		04/17/12 01:49	2037-26-5	
4-Bromofluorobenzene (S)	96 %		67-134	1		04/17/12 01:49	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	6.6 %		0.10	1		04/12/12 17:39		
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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-3 0-5 **Lab ID: 5061376003** Collected: 04/11/12 10:18 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	207-08-9	
Chrysene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	193-39-5	
Naphthalene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 18:10	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	74 %		46-109	1	04/16/12 20:38	04/17/12 18:10	321-60-8	
p-Terphenyl-d14 (S)	79 %		43-107	1	04/16/12 20:38	04/17/12 18:10	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	101	1		04/17/12 02:26	67-64-1	
Acrolein	ND	ug/kg	101	1		04/17/12 02:26	107-02-8	
Acrylonitrile	ND	ug/kg	101	1		04/17/12 02:26	107-13-1	
Benzene	ND	ug/kg	5.0	1		04/17/12 02:26	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1		04/17/12 02:26	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1		04/17/12 02:26	75-27-4	
Bromoform	ND	ug/kg	5.0	1		04/17/12 02:26	75-25-2	
Bromomethane	ND	ug/kg	5.0	1		04/17/12 02:26	74-83-9	
2-Butanone (MEK)	ND	ug/kg	25.1	1		04/17/12 02:26	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	98-06-6	
Carbon disulfide	ND	ug/kg	10.1	1		04/17/12 02:26	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.0	1		04/17/12 02:26	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	108-90-7	
Chloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	75-00-3	
Chloroform	ND	ug/kg	5.0	1		04/17/12 02:26	67-66-3	
Chloromethane	ND	ug/kg	5.0	1		04/17/12 02:26	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1		04/17/12 02:26	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1		04/17/12 02:26	106-43-4	
Dibromochloromethane	ND	ug/kg	5.0	1		04/17/12 02:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1		04/17/12 02:26	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1		04/17/12 02:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	101	1		04/17/12 02:26	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.0	1		04/17/12 02:26	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.0	1		04/17/12 02:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		04/17/12 02:26	156-59-2	

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-3 0-5 **Lab ID:** 5061376003 Collected: 04/11/12 10:18 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		04/17/12 02:26	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1		04/17/12 02:26	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1		04/17/12 02:26	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1		04/17/12 02:26	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1		04/17/12 02:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		04/17/12 02:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		04/17/12 02:26	10061-02-6	
Ethylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	100-41-4	
Ethyl methacrylate	ND	ug/kg	101	1		04/17/12 02:26	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1		04/17/12 02:26	87-68-3	
n-Hexane	ND	ug/kg	5.0	1		04/17/12 02:26	110-54-3	
2-Hexanone	ND	ug/kg	101	1		04/17/12 02:26	591-78-6	
Iodomethane	ND	ug/kg	101	1		04/17/12 02:26	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		04/17/12 02:26	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1		04/17/12 02:26	99-87-6	
Methylene Chloride	ND	ug/kg	20.1	1		04/17/12 02:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.1	1		04/17/12 02:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		04/17/12 02:26	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		04/17/12 02:26	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	103-65-1	
Styrene	ND	ug/kg	5.0	1		04/17/12 02:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		04/17/12 02:26	127-18-4	
Toluene	ND	ug/kg	5.0	1		04/17/12 02:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1		04/17/12 02:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		04/17/12 02:26	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		04/17/12 02:26	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1		04/17/12 02:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1		04/17/12 02:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		04/17/12 02:26	108-67-8	
Vinyl acetate	ND	ug/kg	101	1		04/17/12 02:26	108-05-4	
Vinyl chloride	ND	ug/kg	5.0	1		04/17/12 02:26	75-01-4	
Xylene (Total)	ND	ug/kg	10.1	1		04/17/12 02:26	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100 %		71-125	1		04/17/12 02:26	1868-53-7	
Toluene-d8 (S)	98 %		76-124	1		04/17/12 02:26	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-134	1		04/17/12 02:26	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	6.9 %		0.10	1		04/12/12 17:39		
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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-4 10-15 **Lab ID: 5061376004** Collected: 04/11/12 10:52 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	207-08-9	
Chrysene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	04/16/12 20:38	04/17/12 19:04	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	80 %.		46-109	1	04/16/12 20:38	04/17/12 19:04	321-60-8	
p-Terphenyl-d14 (S)	84 %.		43-107	1	04/16/12 20:38	04/17/12 19:04	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	97.6	1		04/17/12 03:03	67-64-1	
Acrolein	ND	ug/kg	97.6	1		04/17/12 03:03	107-02-8	
Acrylonitrile	ND	ug/kg	97.6	1		04/17/12 03:03	107-13-1	
Benzene	ND	ug/kg	4.9	1		04/17/12 03:03	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1		04/17/12 03:03	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1		04/17/12 03:03	75-27-4	
Bromoform	ND	ug/kg	4.9	1		04/17/12 03:03	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		04/17/12 03:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.4	1		04/17/12 03:03	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	98-06-6	
Carbon disulfide	ND	ug/kg	9.8	1		04/17/12 03:03	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		04/17/12 03:03	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	75-00-3	
Chloroform	ND	ug/kg	4.9	1		04/17/12 03:03	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		04/17/12 03:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1		04/17/12 03:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1		04/17/12 03:03	106-43-4	
Dibromochloromethane	ND	ug/kg	4.9	1		04/17/12 03:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		04/17/12 03:03	106-93-4	
Dibromomethane	ND	ug/kg	4.9	1		04/17/12 03:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	97.6	1		04/17/12 03:03	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		04/17/12 03:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		04/17/12 03:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/17/12 03:03	156-59-2	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-4 10-15 **Lab ID: 5061376004** Collected: 04/11/12 10:52 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/17/12 03:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		04/17/12 03:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1		04/17/12 03:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1		04/17/12 03:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1		04/17/12 03:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/17/12 03:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/17/12 03:03	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	100-41-4	
Ethyl methacrylate	ND	ug/kg	97.6	1		04/17/12 03:03	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1		04/17/12 03:03	87-68-3	
n-Hexane	ND	ug/kg	4.9	1		04/17/12 03:03	110-54-3	
2-Hexanone	ND	ug/kg	97.6	1		04/17/12 03:03	591-78-6	
Iodomethane	ND	ug/kg	97.6	1		04/17/12 03:03	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		04/17/12 03:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		04/17/12 03:03	99-87-6	
Methylene Chloride	ND	ug/kg	19.5	1		04/17/12 03:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.4	1		04/17/12 03:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		04/17/12 03:03	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		04/17/12 03:03	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	103-65-1	
Styrene	ND	ug/kg	4.9	1		04/17/12 03:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		04/17/12 03:03	127-18-4	
Toluene	ND	ug/kg	4.9	1		04/17/12 03:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		04/17/12 03:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		04/17/12 03:03	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		04/17/12 03:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		04/17/12 03:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1		04/17/12 03:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		04/17/12 03:03	108-67-8	
Vinyl acetate	ND	ug/kg	97.6	1		04/17/12 03:03	108-05-4	
Vinyl chloride	ND	ug/kg	4.9	1		04/17/12 03:03	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	1		04/17/12 03:03	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102 %.		71-125	1		04/17/12 03:03	1868-53-7	
Toluene-d8 (S)	95 %.		76-124	1		04/17/12 03:03	2037-26-5	
4-Bromofluorobenzene (S)	96 %.		67-134	1		04/17/12 03:03	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	3.5 %		0.10	1		04/12/12 17:39		
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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-5 0-5 **Lab ID: 5061376005** Collected: 04/11/12 12:30 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	207-08-9	
Chrysene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	193-39-5	
Naphthalene	ND	ug/kg	5.4	1	04/16/12 20:38	04/17/12 19:22	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	58 %		46-109	1	04/16/12 20:38	04/17/12 19:22	321-60-8	
p-Terphenyl-d14 (S)	70 %		43-107	1	04/16/12 20:38	04/17/12 19:22	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	127	1		04/17/12 03:40	67-64-1	
Acrolein	ND	ug/kg	127	1		04/17/12 03:40	107-02-8	
Acrylonitrile	ND	ug/kg	127	1		04/17/12 03:40	107-13-1	
Benzene	ND	ug/kg	6.3	1		04/17/12 03:40	71-43-2	
Bromobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	108-86-1	
Bromochloromethane	ND	ug/kg	6.3	1		04/17/12 03:40	74-97-5	
Bromodichloromethane	ND	ug/kg	6.3	1		04/17/12 03:40	75-27-4	
Bromoform	ND	ug/kg	6.3	1		04/17/12 03:40	75-25-2	
Bromomethane	ND	ug/kg	6.3	1		04/17/12 03:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	31.6	1		04/17/12 03:40	78-93-3	
n-Butylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	98-06-6	
Carbon disulfide	ND	ug/kg	12.7	1		04/17/12 03:40	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.3	1		04/17/12 03:40	56-23-5	
Chlorobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	108-90-7	
Chloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	75-00-3	
Chloroform	ND	ug/kg	6.3	1		04/17/12 03:40	67-66-3	
Chloromethane	ND	ug/kg	6.3	1		04/17/12 03:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.3	1		04/17/12 03:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.3	1		04/17/12 03:40	106-43-4	
Dibromochloromethane	ND	ug/kg	6.3	1		04/17/12 03:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	1		04/17/12 03:40	106-93-4	
Dibromomethane	ND	ug/kg	6.3	1		04/17/12 03:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	127	1		04/17/12 03:40	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	6.3	1		04/17/12 03:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.3	1		04/17/12 03:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.3	1		04/17/12 03:40	156-59-2	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-5 0-5 **Lab ID: 5061376005** Collected: 04/11/12 12:30 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	6.3	1		04/17/12 03:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.3	1		04/17/12 03:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.3	1		04/17/12 03:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.3	1		04/17/12 03:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.3	1		04/17/12 03:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	1		04/17/12 03:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	1		04/17/12 03:40	10061-02-6	
Ethylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	100-41-4	
Ethyl methacrylate	ND	ug/kg	127	1		04/17/12 03:40	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	6.3	1		04/17/12 03:40	87-68-3	
n-Hexane	ND	ug/kg	6.3	1		04/17/12 03:40	110-54-3	
2-Hexanone	ND	ug/kg	127	1		04/17/12 03:40	591-78-6	
Iodomethane	ND	ug/kg	127	1		04/17/12 03:40	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	1		04/17/12 03:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.3	1		04/17/12 03:40	99-87-6	
Methylene Chloride	ND	ug/kg	25.3	1		04/17/12 03:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	31.6	1		04/17/12 03:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.3	1		04/17/12 03:40	1634-04-4	
Naphthalene	ND	ug/kg	6.3	1		04/17/12 03:40	91-20-3	
n-Propylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	103-65-1	
Styrene	ND	ug/kg	6.3	1		04/17/12 03:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	79-34-5	
Tetrachloroethene	ND	ug/kg	6.3	1		04/17/12 03:40	127-18-4	
Toluene	ND	ug/kg	6.3	1		04/17/12 03:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.3	1		04/17/12 03:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.3	1		04/17/12 03:40	79-00-5	
Trichloroethene	ND	ug/kg	6.3	1		04/17/12 03:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.3	1		04/17/12 03:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.3	1		04/17/12 03:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	1		04/17/12 03:40	108-67-8	
Vinyl acetate	ND	ug/kg	127	1		04/17/12 03:40	108-05-4	
Vinyl chloride	ND	ug/kg	6.3	1		04/17/12 03:40	75-01-4	
Xylene (Total)	ND	ug/kg	12.7	1		04/17/12 03:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102 %		71-125	1		04/17/12 03:40	1868-53-7	
Toluene-d8 (S)	93 %		76-124	1		04/17/12 03:40	2037-26-5	
4-Bromofluorobenzene (S)	96 %		67-134	1		04/17/12 03:40	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	7.0 %		0.10	1		04/12/12 17:39		
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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-6 10-15 **Lab ID: 5061376006** Collected: 04/11/12 13:03 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	207-08-9	
Chrysene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	193-39-5	
Naphthalene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 19:40	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	74 %		46-109	1	04/16/12 20:38	04/17/12 19:40	321-60-8	
p-Terphenyl-d14 (S)	77 %		43-107	1	04/16/12 20:38	04/17/12 19:40	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	103	1		04/17/12 04:17	67-64-1	
Acrolein	ND	ug/kg	103	1		04/17/12 04:17	107-02-8	
Acrylonitrile	ND	ug/kg	103	1		04/17/12 04:17	107-13-1	
Benzene	ND	ug/kg	5.2	1		04/17/12 04:17	71-43-2	
Bromobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	108-86-1	
Bromochloromethane	ND	ug/kg	5.2	1		04/17/12 04:17	74-97-5	
Bromodichloromethane	ND	ug/kg	5.2	1		04/17/12 04:17	75-27-4	
Bromoform	ND	ug/kg	5.2	1		04/17/12 04:17	75-25-2	
Bromomethane	ND	ug/kg	5.2	1		04/17/12 04:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	25.8	1		04/17/12 04:17	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	98-06-6	
Carbon disulfide	ND	ug/kg	10.3	1		04/17/12 04:17	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.2	1		04/17/12 04:17	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	108-90-7	
Chloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	75-00-3	
Chloroform	ND	ug/kg	5.2	1		04/17/12 04:17	67-66-3	
Chloromethane	ND	ug/kg	5.2	1		04/17/12 04:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.2	1		04/17/12 04:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.2	1		04/17/12 04:17	106-43-4	
Dibromochloromethane	ND	ug/kg	5.2	1		04/17/12 04:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.2	1		04/17/12 04:17	106-93-4	
Dibromomethane	ND	ug/kg	5.2	1		04/17/12 04:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	103	1		04/17/12 04:17	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.2	1		04/17/12 04:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.2	1		04/17/12 04:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		04/17/12 04:17	156-59-2	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-6 10-15 **Lab ID:** 5061376006 Collected: 04/11/12 13:03 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		04/17/12 04:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1		04/17/12 04:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.2	1		04/17/12 04:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.2	1		04/17/12 04:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.2	1		04/17/12 04:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		04/17/12 04:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		04/17/12 04:17	10061-02-6	
Ethylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	100-41-4	
Ethyl methacrylate	ND	ug/kg	103	1		04/17/12 04:17	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.2	1		04/17/12 04:17	87-68-3	
n-Hexane	ND	ug/kg	5.2	1		04/17/12 04:17	110-54-3	
2-Hexanone	ND	ug/kg	103	1		04/17/12 04:17	591-78-6	
Iodomethane	ND	ug/kg	103	1		04/17/12 04:17	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		04/17/12 04:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1		04/17/12 04:17	99-87-6	
Methylene Chloride	ND	ug/kg	20.7	1		04/17/12 04:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	25.8	1		04/17/12 04:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		04/17/12 04:17	1634-04-4	
Naphthalene	ND	ug/kg	5.2	1		04/17/12 04:17	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	103-65-1	
Styrene	ND	ug/kg	5.2	1		04/17/12 04:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		04/17/12 04:17	127-18-4	
Toluene	ND	ug/kg	5.2	1		04/17/12 04:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.2	1		04/17/12 04:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		04/17/12 04:17	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		04/17/12 04:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.2	1		04/17/12 04:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.2	1		04/17/12 04:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1		04/17/12 04:17	108-67-8	
Vinyl acetate	ND	ug/kg	103	1		04/17/12 04:17	108-05-4	
Vinyl chloride	ND	ug/kg	5.2	1		04/17/12 04:17	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	1		04/17/12 04:17	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105 %		71-125	1		04/17/12 04:17	1868-53-7	
Toluene-d8 (S)	96 %		76-124	1		04/17/12 04:17	2037-26-5	
4-Bromofluorobenzene (S)	97 %		67-134	1		04/17/12 04:17	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	2.8 %		0.10	1		04/12/12 17:40		
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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-7 0-5 **Lab ID:** 5061376007 Collected: 04/11/12 13:47 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	8.3	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	56-55-3	
Benzo(a)pyrene	6.6	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	205-99-2	
Benzo(k)fluoranthene	7.1	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	207-08-9	
Chrysene	10.4	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	193-39-5	
Naphthalene	11.1	ug/kg	6.1	1	04/16/12 20:38	04/17/12 19:58	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	77 %		46-109	1	04/16/12 20:38	04/17/12 19:58	321-60-8	
p-Terphenyl-d14 (S)	69 %		43-107	1	04/16/12 20:38	04/17/12 19:58	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	111	1		04/17/12 10:19	67-64-1	
Acrolein	ND	ug/kg	111	1		04/17/12 10:19	107-02-8	
Acrylonitrile	ND	ug/kg	111	1		04/17/12 10:19	107-13-1	
Benzene	ND	ug/kg	5.5	1		04/17/12 10:19	71-43-2	
Bromobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1		04/17/12 10:19	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	1		04/17/12 10:19	75-27-4	
Bromoform	ND	ug/kg	5.5	1		04/17/12 10:19	75-25-2	
Bromomethane	ND	ug/kg	5.5	1		04/17/12 10:19	74-83-9	
2-Butanone (MEK)	ND	ug/kg	27.7	1		04/17/12 10:19	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	98-06-6	
Carbon disulfide	ND	ug/kg	11.1	1		04/17/12 10:19	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.5	1		04/17/12 10:19	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	108-90-7	
Chloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	75-00-3	
Chloroform	ND	ug/kg	5.5	1		04/17/12 10:19	67-66-3	
Chloromethane	ND	ug/kg	5.5	1		04/17/12 10:19	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.5	1		04/17/12 10:19	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	1		04/17/12 10:19	106-43-4	
Dibromochloromethane	ND	ug/kg	5.5	1		04/17/12 10:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1		04/17/12 10:19	106-93-4	
Dibromomethane	ND	ug/kg	5.5	1		04/17/12 10:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	111	1		04/17/12 10:19	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.5	1		04/17/12 10:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.5	1		04/17/12 10:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		04/17/12 10:19	156-59-2	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-7 0-5 **Lab ID:** 5061376007 Collected: 04/11/12 13:47 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		04/17/12 10:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		04/17/12 10:19	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	1		04/17/12 10:19	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1		04/17/12 10:19	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1		04/17/12 10:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		04/17/12 10:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		04/17/12 10:19	10061-02-6	
Ethylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	100-41-4	
Ethyl methacrylate	ND	ug/kg	111	1		04/17/12 10:19	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	1		04/17/12 10:19	87-68-3	
n-Hexane	ND	ug/kg	5.5	1		04/17/12 10:19	110-54-3	
2-Hexanone	ND	ug/kg	111	1		04/17/12 10:19	591-78-6	
Iodomethane	ND	ug/kg	111	1		04/17/12 10:19	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		04/17/12 10:19	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1		04/17/12 10:19	99-87-6	
Methylene Chloride	ND	ug/kg	22.2	1		04/17/12 10:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.7	1		04/17/12 10:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		04/17/12 10:19	1634-04-4	
Naphthalene	ND	ug/kg	5.5	1		04/17/12 10:19	91-20-3	
n-Propylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	103-65-1	
Styrene	ND	ug/kg	5.5	1		04/17/12 10:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		04/17/12 10:19	127-18-4	
Toluene	ND	ug/kg	5.5	1		04/17/12 10:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1		04/17/12 10:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		04/17/12 10:19	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		04/17/12 10:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.5	1		04/17/12 10:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1		04/17/12 10:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		04/17/12 10:19	108-67-8	
Vinyl acetate	ND	ug/kg	111	1		04/17/12 10:19	108-05-4	
Vinyl chloride	ND	ug/kg	5.5	1		04/17/12 10:19	75-01-4	
Xylene (Total)	ND	ug/kg	11.1	1		04/17/12 10:19	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106 %		71-125	1		04/17/12 10:19	1868-53-7	
Toluene-d8 (S)	95 %		76-124	1		04/17/12 10:19	2037-26-5	
4-Bromofluorobenzene (S)	94 %		67-134	1		04/17/12 10:19	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	18.4 %		0.10	1		04/12/12 17:40		
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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-8 0-5 **Lab ID: 5061376008** Collected: 04/11/12 14:03 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	207-08-9	
Chrysene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	193-39-5	
Naphthalene	ND	ug/kg	5.3	1	04/16/12 20:38	04/17/12 20:16	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	65 %.		46-109	1	04/16/12 20:38	04/17/12 20:16	321-60-8	
p-Terphenyl-d14 (S)	74 %.		43-107	1	04/16/12 20:38	04/17/12 20:16	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	92.0	1		04/17/12 10:56	67-64-1	
Acrolein	ND	ug/kg	92.0	1		04/17/12 10:56	107-02-8	
Acrylonitrile	ND	ug/kg	92.0	1		04/17/12 10:56	107-13-1	
Benzene	ND	ug/kg	4.6	1		04/17/12 10:56	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		04/17/12 10:56	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		04/17/12 10:56	75-27-4	
Bromoform	ND	ug/kg	4.6	1		04/17/12 10:56	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		04/17/12 10:56	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.0	1		04/17/12 10:56	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	98-06-6	
Carbon disulfide	ND	ug/kg	9.2	1		04/17/12 10:56	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		04/17/12 10:56	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	75-00-3	
Chloroform	ND	ug/kg	4.6	1		04/17/12 10:56	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		04/17/12 10:56	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		04/17/12 10:56	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		04/17/12 10:56	106-43-4	
Dibromochloromethane	ND	ug/kg	4.6	1		04/17/12 10:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		04/17/12 10:56	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		04/17/12 10:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	92.0	1		04/17/12 10:56	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.6	1		04/17/12 10:56	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		04/17/12 10:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		04/17/12 10:56	156-59-2	

ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061376

Sample: GP-8 0-5 **Lab ID: 5061376008** Collected: 04/11/12 14:03 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		04/17/12 10:56	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		04/17/12 10:56	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		04/17/12 10:56	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		04/17/12 10:56	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		04/17/12 10:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		04/17/12 10:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		04/17/12 10:56	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	100-41-4	
Ethyl methacrylate	ND	ug/kg	92.0	1		04/17/12 10:56	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		04/17/12 10:56	87-68-3	
n-Hexane	ND	ug/kg	4.6	1		04/17/12 10:56	110-54-3	
2-Hexanone	ND	ug/kg	92.0	1		04/17/12 10:56	591-78-6	
Iodomethane	ND	ug/kg	92.0	1		04/17/12 10:56	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		04/17/12 10:56	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		04/17/12 10:56	99-87-6	
Methylene Chloride	ND	ug/kg	18.4	1		04/17/12 10:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.0	1		04/17/12 10:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		04/17/12 10:56	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		04/17/12 10:56	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	103-65-1	
Styrene	ND	ug/kg	4.6	1		04/17/12 10:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		04/17/12 10:56	127-18-4	
Toluene	ND	ug/kg	4.6	1		04/17/12 10:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		04/17/12 10:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		04/17/12 10:56	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		04/17/12 10:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		04/17/12 10:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		04/17/12 10:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		04/17/12 10:56	108-67-8	
Vinyl acetate	ND	ug/kg	92.0	1		04/17/12 10:56	108-05-4	
Vinyl chloride	ND	ug/kg	4.6	1		04/17/12 10:56	75-01-4	
Xylene (Total)	ND	ug/kg	9.2	1		04/17/12 10:56	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103 %		71-125	1		04/17/12 10:56	1868-53-7	
Toluene-d8 (S)	97 %		76-124	1		04/17/12 10:56	2037-26-5	
4-Bromofluorobenzene (S)	97 %		67-134	1		04/17/12 10:56	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	5.0 %		0.10	1		04/12/12 17:40		
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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-10 10-15 **Lab ID:** 5061376009 Collected: 04/11/12 15:14 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	207-08-9	
Chrysene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	193-39-5	
Naphthalene	ND	ug/kg	5.1	1	04/16/12 20:38	04/17/12 20:34	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	71 %.		46-109	1	04/16/12 20:38	04/17/12 20:34	321-60-8	
p-Terphenyl-d14 (S)	76 %.		43-107	1	04/16/12 20:38	04/17/12 20:34	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	109	1		04/17/12 11:33	67-64-1	
Acrolein	ND	ug/kg	109	1		04/17/12 11:33	107-02-8	
Acrylonitrile	ND	ug/kg	109	1		04/17/12 11:33	107-13-1	
Benzene	ND	ug/kg	5.4	1		04/17/12 11:33	71-43-2	
Bromobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	1		04/17/12 11:33	74-97-5	
Bromodichloromethane	ND	ug/kg	5.4	1		04/17/12 11:33	75-27-4	
Bromoform	ND	ug/kg	5.4	1		04/17/12 11:33	75-25-2	
Bromomethane	ND	ug/kg	5.4	1		04/17/12 11:33	74-83-9	
2-Butanone (MEK)	ND	ug/kg	27.2	1		04/17/12 11:33	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	98-06-6	
Carbon disulfide	ND	ug/kg	10.9	1		04/17/12 11:33	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.4	1		04/17/12 11:33	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	108-90-7	
Chloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	75-00-3	
Chloroform	ND	ug/kg	5.4	1		04/17/12 11:33	67-66-3	
Chloromethane	ND	ug/kg	5.4	1		04/17/12 11:33	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.4	1		04/17/12 11:33	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.4	1		04/17/12 11:33	106-43-4	
Dibromochloromethane	ND	ug/kg	5.4	1		04/17/12 11:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	1		04/17/12 11:33	106-93-4	
Dibromomethane	ND	ug/kg	5.4	1		04/17/12 11:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	109	1		04/17/12 11:33	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	5.4	1		04/17/12 11:33	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.4	1		04/17/12 11:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1		04/17/12 11:33	156-59-2	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061376

Sample: GP-10 10-15 **Lab ID:** 5061376009 Collected: 04/11/12 15:14 Received: 04/12/12 10:44 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	5.4	1		04/17/12 11:33	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1		04/17/12 11:33	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.4	1		04/17/12 11:33	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.4	1		04/17/12 11:33	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.4	1		04/17/12 11:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1		04/17/12 11:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1		04/17/12 11:33	10061-02-6	
Ethylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	100-41-4	
Ethyl methacrylate	ND	ug/kg	109	1		04/17/12 11:33	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	5.4	1		04/17/12 11:33	87-68-3	
n-Hexane	ND	ug/kg	5.4	1		04/17/12 11:33	110-54-3	
2-Hexanone	ND	ug/kg	109	1		04/17/12 11:33	591-78-6	
Iodomethane	ND	ug/kg	109	1		04/17/12 11:33	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1		04/17/12 11:33	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.4	1		04/17/12 11:33	99-87-6	
Methylene Chloride	ND	ug/kg	21.8	1		04/17/12 11:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	27.2	1		04/17/12 11:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.4	1		04/17/12 11:33	1634-04-4	
Naphthalene	ND	ug/kg	5.4	1		04/17/12 11:33	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	103-65-1	
Styrene	ND	ug/kg	5.4	1		04/17/12 11:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	79-34-5	
Tetrachloroethene	ND	ug/kg	5.4	1		04/17/12 11:33	127-18-4	
Toluene	ND	ug/kg	5.4	1		04/17/12 11:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	1		04/17/12 11:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	1		04/17/12 11:33	79-00-5	
Trichloroethene	ND	ug/kg	5.4	1		04/17/12 11:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.4	1		04/17/12 11:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.4	1		04/17/12 11:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1		04/17/12 11:33	108-67-8	
Vinyl acetate	ND	ug/kg	109	1		04/17/12 11:33	108-05-4	
Vinyl chloride	ND	ug/kg	5.4	1		04/17/12 11:33	75-01-4	
Xylene (Total)	ND	ug/kg	10.9	1		04/17/12 11:33	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106 %		71-125	1		04/17/12 11:33	1868-53-7	
Toluene-d8 (S)	97 %		76-124	1		04/17/12 11:33	2037-26-5	
4-Bromofluorobenzene (S)	97 %		67-134	1		04/17/12 11:33	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	2.7 %		0.10	1		04/12/12 17:40		
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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

QC Batch: MSV/41342 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 5061376001, 5061376002, 5061376003, 5061376004, 5061376005, 5061376006

METHOD BLANK: 721170 Matrix: Solid
Associated Lab Samples: 5061376001, 5061376002, 5061376003, 5061376004, 5061376005, 5061376006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/16/12 18:28	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/16/12 18:28	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/16/12 18:28	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/16/12 18:28	
1,1-Dichloroethane	ug/kg	ND	5.0	04/16/12 18:28	
1,1-Dichloroethene	ug/kg	ND	5.0	04/16/12 18:28	
1,1-Dichloropropene	ug/kg	ND	5.0	04/16/12 18:28	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/16/12 18:28	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/16/12 18:28	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/16/12 18:28	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/16/12 18:28	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/16/12 18:28	
1,2-Dichloroethane	ug/kg	ND	5.0	04/16/12 18:28	
1,2-Dichloropropane	ug/kg	ND	5.0	04/16/12 18:28	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/16/12 18:28	
1,3-Dichloropropane	ug/kg	ND	5.0	04/16/12 18:28	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/16/12 18:28	
2,2-Dichloropropane	ug/kg	ND	5.0	04/16/12 18:28	
2-Butanone (MEK)	ug/kg	ND	25.0	04/16/12 18:28	
2-Chlorotoluene	ug/kg	ND	5.0	04/16/12 18:28	
2-Hexanone	ug/kg	ND	100	04/16/12 18:28	
4-Chlorotoluene	ug/kg	ND	5.0	04/16/12 18:28	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/16/12 18:28	
Acetone	ug/kg	ND	100	04/16/12 18:28	
Acrolein	ug/kg	ND	100	04/16/12 18:28	
Acrylonitrile	ug/kg	ND	100	04/16/12 18:28	
Benzene	ug/kg	ND	5.0	04/16/12 18:28	
Bromobenzene	ug/kg	ND	5.0	04/16/12 18:28	
Bromochloromethane	ug/kg	ND	5.0	04/16/12 18:28	
Bromodichloromethane	ug/kg	ND	5.0	04/16/12 18:28	
Bromoform	ug/kg	ND	5.0	04/16/12 18:28	
Bromomethane	ug/kg	ND	5.0	04/16/12 18:28	
Carbon disulfide	ug/kg	ND	10.0	04/16/12 18:28	
Carbon tetrachloride	ug/kg	ND	5.0	04/16/12 18:28	
Chlorobenzene	ug/kg	ND	5.0	04/16/12 18:28	
Chloroethane	ug/kg	ND	5.0	04/16/12 18:28	
Chloroform	ug/kg	ND	5.0	04/16/12 18:28	
Chloromethane	ug/kg	ND	5.0	04/16/12 18:28	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/16/12 18:28	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/16/12 18:28	
Dibromochloromethane	ug/kg	ND	5.0	04/16/12 18:28	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061376

METHOD BLANK: 721170

Matrix: Solid

Associated Lab Samples: 5061376001, 5061376002, 5061376003, 5061376004, 5061376005, 5061376006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	04/16/12 18:28	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/16/12 18:28	
Ethyl methacrylate	ug/kg	ND	100	04/16/12 18:28	
Ethylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/16/12 18:28	
Iodomethane	ug/kg	ND	100	04/16/12 18:28	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/16/12 18:28	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/16/12 18:28	
Methylene Chloride	ug/kg	ND	20.0	04/16/12 18:28	
n-Butylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
n-Hexane	ug/kg	ND	5.0	04/16/12 18:28	
n-Propylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
Naphthalene	ug/kg	ND	5.0	04/16/12 18:28	
p-Isopropyltoluene	ug/kg	ND	5.0	04/16/12 18:28	
sec-Butylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
Styrene	ug/kg	ND	5.0	04/16/12 18:28	
tert-Butylbenzene	ug/kg	ND	5.0	04/16/12 18:28	
Tetrachloroethene	ug/kg	ND	5.0	04/16/12 18:28	
Toluene	ug/kg	ND	5.0	04/16/12 18:28	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/16/12 18:28	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/16/12 18:28	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/16/12 18:28	
Trichloroethene	ug/kg	ND	5.0	04/16/12 18:28	
Trichlorofluoromethane	ug/kg	ND	5.0	04/16/12 18:28	
Vinyl acetate	ug/kg	ND	100	04/16/12 18:28	
Vinyl chloride	ug/kg	ND	5.0	04/16/12 18:28	
Xylene (Total)	ug/kg	ND	10.0	04/16/12 18:28	
4-Bromofluorobenzene (S)	%	99	67-134	04/16/12 18:28	
Dibromofluoromethane (S)	%	101	71-125	04/16/12 18:28	
Toluene-d8 (S)	%	99	76-124	04/16/12 18:28	

LABORATORY CONTROL SAMPLE: 721171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	50.1	100	68-125	
1,1,1-Trichloroethane	ug/kg	50	49.5	99	63-124	
1,1,2,2-Tetrachloroethane	ug/kg	50	44.9	90	73-123	
1,1,2-Trichloroethane	ug/kg	50	48.3	97	70-124	
1,1-Dichloroethane	ug/kg	50	45.7	91	63-122	
1,1-Dichloroethene	ug/kg	50	46.9	94	71-129	
1,1-Dichloropropene	ug/kg	50	49.7	99	71-122	
1,2,3-Trichlorobenzene	ug/kg	50	47.4	95	68-123	
1,2,3-Trichloropropane	ug/kg	50	81.3	163	47-117 L3	
1,2,4-Trichlorobenzene	ug/kg	50	47.5	95	68-125	
1,2,4-Trimethylbenzene	ug/kg	50	47.8	96	69-120	

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QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061376

LABORATORY CONTROL SAMPLE: 721171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	45.3	91	67-121	
1,2-Dichlorobenzene	ug/kg	50	44.6	89	71-121	
1,2-Dichloroethane	ug/kg	50	47.8	96	74-120	
1,2-Dichloropropane	ug/kg	50	47.7	95	71-117	
1,3,5-Trimethylbenzene	ug/kg	50	46.2	92	64-119	
1,3-Dichlorobenzene	ug/kg	50	45.4	91	70-122	
1,3-Dichloropropane	ug/kg	50	44.5	89	68-118	
1,4-Dichlorobenzene	ug/kg	50	44.5	89	71-118	
2,2-Dichloropropane	ug/kg	50	48.7	97	62-119	
2-Butanone (MEK)	ug/kg	250	226	90	38-154	
2-Chlorotoluene	ug/kg	50	44.9	90	71-120	
2-Hexanone	ug/kg	250	222	89	50-134	
4-Chlorotoluene	ug/kg	50	47.8	96	72-123	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	212	85	66-122	
Acetone	ug/kg	250	249	99	10-200	
Acrolein	ug/kg	1000	1020	102	11-200	
Acrylonitrile	ug/kg	1000	834	83	66-120	
Benzene	ug/kg	50	49.0	98	73-115	
Bromobenzene	ug/kg	50	44.3	89	64-130	
Bromochloromethane	ug/kg	50	47.5	95	71-127	
Bromodichloromethane	ug/kg	50	48.0	96	60-121	
Bromoform	ug/kg	50	44.0	88	44-130	
Bromomethane	ug/kg	50	50.0	100	48-175	
Carbon disulfide	ug/kg	100	98.6	99	71-126	
Carbon tetrachloride	ug/kg	50	46.8	94	57-127	
Chlorobenzene	ug/kg	50	43.6	87	72-121	
Chloroethane	ug/kg	50	48.8	98	72-141	
Chloroform	ug/kg	50	46.2	92	74-114	
Chloromethane	ug/kg	50	46.4	93	51-126	
cis-1,2-Dichloroethene	ug/kg	50	46.4	93	72-115	
cis-1,3-Dichloropropene	ug/kg	50	46.0	92	64-115	
Dibromochloromethane	ug/kg	50	43.7	87	58-114	
Dibromomethane	ug/kg	50	45.7	91	73-120	
Dichlorodifluoromethane	ug/kg	50	53.5	107	32-167	
Ethyl methacrylate	ug/kg	200	182	91	65-117	
Ethylbenzene	ug/kg	50	48.1	96	73-120	
Hexachloro-1,3-butadiene	ug/kg	50	47.8	96	65-121	
Iodomethane	ug/kg	100	108	108	45-156	
Isopropylbenzene (Cumene)	ug/kg	50	49.3	99	74-123	
Methyl-tert-butyl ether	ug/kg	100	89.4	89	69-123	
Methylene Chloride	ug/kg	50	49.7	99	58-124	
n-Butylbenzene	ug/kg	50	49.0	98	71-118	
n-Hexane	ug/kg	50	44.6	89	50-106	
n-Propylbenzene	ug/kg	50	47.5	95	70-120	
Naphthalene	ug/kg	50	46.1	92	67-124	
p-Isopropyltoluene	ug/kg	50	48.3	97	71-123	
sec-Butylbenzene	ug/kg	50	48.5	97	66-122	
Styrene	ug/kg	50	47.0	94	75-118	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061376

LABORATORY CONTROL SAMPLE: 721171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	38.2	76	54-124	
Tetrachloroethene	ug/kg	50	45.6	91	66-126	
Toluene	ug/kg	50	46.5	93	69-115	
trans-1,2-Dichloroethene	ug/kg	50	44.3	89	69-120	
trans-1,3-Dichloropropene	ug/kg	50	46.1	92	61-116	
trans-1,4-Dichloro-2-butene	ug/kg	200	171	86	59-130	
Trichloroethene	ug/kg	50	50.0	100	71-117	
Trichlorofluoromethane	ug/kg	50	47.2	94	67-138	
Vinyl acetate	ug/kg	200	223	111	35-134	
Vinyl chloride	ug/kg	50	51.2	102	64-127	
Xylene (Total)	ug/kg	150	141	94	69-117	
4-Bromofluorobenzene (S)	%			99	67-134	
Dibromofluoromethane (S)	%			101	71-125	
Toluene-d8 (S)	%			100	76-124	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061376

QC Batch: MSV/41364

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 5061376007, 5061376008, 5061376009

METHOD BLANK: 721422

Matrix: Solid

Associated Lab Samples: 5061376007, 5061376008, 5061376009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/17/12 09:42	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/17/12 09:42	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/17/12 09:42	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/17/12 09:42	
1,1-Dichloroethane	ug/kg	ND	5.0	04/17/12 09:42	
1,1-Dichloroethene	ug/kg	ND	5.0	04/17/12 09:42	
1,1-Dichloropropene	ug/kg	ND	5.0	04/17/12 09:42	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/17/12 09:42	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/17/12 09:42	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/17/12 09:42	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/17/12 09:42	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/17/12 09:42	
1,2-Dichloroethane	ug/kg	ND	5.0	04/17/12 09:42	
1,2-Dichloropropane	ug/kg	ND	5.0	04/17/12 09:42	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/17/12 09:42	
1,3-Dichloropropane	ug/kg	ND	5.0	04/17/12 09:42	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/17/12 09:42	
2,2-Dichloropropane	ug/kg	ND	5.0	04/17/12 09:42	
2-Butanone (MEK)	ug/kg	ND	25.0	04/17/12 09:42	
2-Chlorotoluene	ug/kg	ND	5.0	04/17/12 09:42	
2-Hexanone	ug/kg	ND	100	04/17/12 09:42	
4-Chlorotoluene	ug/kg	ND	5.0	04/17/12 09:42	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/17/12 09:42	
Acetone	ug/kg	ND	100	04/17/12 09:42	
Acrolein	ug/kg	ND	100	04/17/12 09:42	
Acrylonitrile	ug/kg	ND	100	04/17/12 09:42	
Benzene	ug/kg	ND	5.0	04/17/12 09:42	
Bromobenzene	ug/kg	ND	5.0	04/17/12 09:42	
Bromochloromethane	ug/kg	ND	5.0	04/17/12 09:42	
Bromodichloromethane	ug/kg	ND	5.0	04/17/12 09:42	
Bromoform	ug/kg	ND	5.0	04/17/12 09:42	
Bromomethane	ug/kg	ND	5.0	04/17/12 09:42	
Carbon disulfide	ug/kg	ND	10.0	04/17/12 09:42	
Carbon tetrachloride	ug/kg	ND	5.0	04/17/12 09:42	
Chlorobenzene	ug/kg	ND	5.0	04/17/12 09:42	
Chloroethane	ug/kg	ND	5.0	04/17/12 09:42	
Chloroform	ug/kg	ND	5.0	04/17/12 09:42	
Chloromethane	ug/kg	ND	5.0	04/17/12 09:42	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/17/12 09:42	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/17/12 09:42	
Dibromochloromethane	ug/kg	ND	5.0	04/17/12 09:42	

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QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

METHOD BLANK: 721422 Matrix: Solid

Associated Lab Samples: 5061376007, 5061376008, 5061376009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	04/17/12 09:42	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/17/12 09:42	
Ethyl methacrylate	ug/kg	ND	100	04/17/12 09:42	
Ethylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/17/12 09:42	
Iodomethane	ug/kg	ND	100	04/17/12 09:42	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/17/12 09:42	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/17/12 09:42	
Methylene Chloride	ug/kg	ND	20.0	04/17/12 09:42	
n-Butylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
n-Hexane	ug/kg	ND	5.0	04/17/12 09:42	
n-Propylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
Naphthalene	ug/kg	ND	5.0	04/17/12 09:42	
p-Isopropyltoluene	ug/kg	ND	5.0	04/17/12 09:42	
sec-Butylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
Styrene	ug/kg	ND	5.0	04/17/12 09:42	
tert-Butylbenzene	ug/kg	ND	5.0	04/17/12 09:42	
Tetrachloroethene	ug/kg	ND	5.0	04/17/12 09:42	
Toluene	ug/kg	ND	5.0	04/17/12 09:42	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/17/12 09:42	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/17/12 09:42	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/17/12 09:42	
Trichloroethene	ug/kg	ND	5.0	04/17/12 09:42	
Trichlorofluoromethane	ug/kg	ND	5.0	04/17/12 09:42	
Vinyl acetate	ug/kg	ND	100	04/17/12 09:42	
Vinyl chloride	ug/kg	ND	5.0	04/17/12 09:42	
Xylene (Total)	ug/kg	ND	10.0	04/17/12 09:42	
4-Bromofluorobenzene (S)	%	95	67-134	04/17/12 09:42	
Dibromofluoromethane (S)	%	106	71-125	04/17/12 09:42	
Toluene-d8 (S)	%	90	76-124	04/17/12 09:42	

LABORATORY CONTROL SAMPLE: 721423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	49.7	99	68-125	
1,1,1-Trichloroethane	ug/kg	50	50.2	100	63-124	
1,1,2,2-Tetrachloroethane	ug/kg	50	47.9	96	73-123	
1,1,2-Trichloroethane	ug/kg	50	53.9	108	70-124	
1,1-Dichloroethane	ug/kg	50	46.0	92	63-122	
1,1-Dichloroethene	ug/kg	50	46.1	92	71-129	
1,1-Dichloropropene	ug/kg	50	51.3	103	71-122	
1,2,3-Trichlorobenzene	ug/kg	50	51.0	102	68-123	
1,2,3-Trichloropropane	ug/kg	50	91.7	183	47-117 L3	
1,2,4-Trichlorobenzene	ug/kg	50	51.3	103	68-125	
1,2,4-Trimethylbenzene	ug/kg	50	46.4	93	69-120	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061376

LABORATORY CONTROL SAMPLE: 721423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	48.8	98	67-121	
1,2-Dichlorobenzene	ug/kg	50	44.9	90	71-121	
1,2-Dichloroethane	ug/kg	50	51.2	102	74-120	
1,2-Dichloropropane	ug/kg	50	48.9	98	71-117	
1,3,5-Trimethylbenzene	ug/kg	50	44.1	88	64-119	
1,3-Dichlorobenzene	ug/kg	50	44.1	88	70-122	
1,3-Dichloropropane	ug/kg	50	46.9	94	68-118	
1,4-Dichlorobenzene	ug/kg	50	44.7	89	71-118	
2,2-Dichloropropane	ug/kg	50	50.0	100	62-119	
2-Butanone (MEK)	ug/kg	250	267	107	38-154	
2-Chlorotoluene	ug/kg	50	43.1	86	71-120	
2-Hexanone	ug/kg	250	271	108	50-134	
4-Chlorotoluene	ug/kg	50	47.5	95	72-123	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	248	99	66-122	
Acetone	ug/kg	250	295	118	10-200	
Acrolein	ug/kg	1000	1090	109	11-200	
Acrylonitrile	ug/kg	1000	921	92	66-120	
Benzene	ug/kg	50	46.8	94	73-115	
Bromobenzene	ug/kg	50	46.2	92	64-130	
Bromochloromethane	ug/kg	50	48.1	96	71-127	
Bromodichloromethane	ug/kg	50	50.4	101	60-121	
Bromoform	ug/kg	50	46.8	94	44-130	
Bromomethane	ug/kg	50	50.3	101	48-175	
Carbon disulfide	ug/kg	100	97.4	97	71-126	
Carbon tetrachloride	ug/kg	50	48.6	97	57-127	
Chlorobenzene	ug/kg	50	44.3	89	72-121	
Chloroethane	ug/kg	50	48.4	97	72-141	
Chloroform	ug/kg	50	49.3	99	74-114	
Chloromethane	ug/kg	50	45.8	92	51-126	
cis-1,2-Dichloroethene	ug/kg	50	46.5	93	72-115	
cis-1,3-Dichloropropene	ug/kg	50	47.1	94	64-115	
Dibromochloromethane	ug/kg	50	46.6	93	58-114	
Dibromomethane	ug/kg	50	51.2	102	73-120	
Dichlorodifluoromethane	ug/kg	50	55.0	110	32-167	
Ethyl methacrylate	ug/kg	200	197	98	65-117	
Ethylbenzene	ug/kg	50	46.9	94	73-120	
Hexachloro-1,3-butadiene	ug/kg	50	47.6	95	65-121	
Iodomethane	ug/kg	100	102	102	45-156	
Isopropylbenzene (Cumene)	ug/kg	50	47.3	95	74-123	
Methyl-tert-butyl ether	ug/kg	100	95.9	96	69-123	
Methylene Chloride	ug/kg	50	46.4	93	58-124	
n-Butylbenzene	ug/kg	50	48.2	96	71-118	
n-Hexane	ug/kg	50	42.4	85	50-106	
n-Propylbenzene	ug/kg	50	45.6	91	70-120	
Naphthalene	ug/kg	50	50.0	100	67-124	
p-Isopropyltoluene	ug/kg	50	47.5	95	71-123	
sec-Butylbenzene	ug/kg	50	43.9	88	66-122	
Styrene	ug/kg	50	46.6	93	75-118	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061376

LABORATORY CONTROL SAMPLE: 721423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	35.9	72	54-124	
Tetrachloroethene	ug/kg	50	46.7	93	66-126	
Toluene	ug/kg	50	45.2	90	69-115	
trans-1,2-Dichloroethene	ug/kg	50	43.2	86	69-120	
trans-1,3-Dichloropropene	ug/kg	50	49.2	98	61-116	
trans-1,4-Dichloro-2-butene	ug/kg	200	203	102	59-130	
Trichloroethene	ug/kg	50	48.7	97	71-117	
Trichlorofluoromethane	ug/kg	50	47.5	95	67-138	
Vinyl acetate	ug/kg	200	238	119	35-134	
Vinyl chloride	ug/kg	50	51.0	102	64-127	
Xylene (Total)	ug/kg	150	136	91	69-117	
4-Bromofluorobenzene (S)	%			101	67-134	
Dibromofluoromethane (S)	%			103	71-125	
Toluene-d8 (S)	%			98	76-124	

QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

QC Batch: OEXT/29323 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 5061376001, 5061376002

METHOD BLANK: 719841 Matrix: Solid

Associated Lab Samples: 5061376001, 5061376002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/kg	ND	5.0	04/14/12 01:49	
Benzo(a)pyrene	ug/kg	ND	5.0	04/14/12 01:49	
Benzo(b)fluoranthene	ug/kg	ND	5.0	04/14/12 01:49	
Benzo(k)fluoranthene	ug/kg	ND	5.0	04/14/12 01:49	
Chrysene	ug/kg	ND	5.0	04/14/12 01:49	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	04/14/12 01:49	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	04/14/12 01:49	
Naphthalene	ug/kg	ND	5.0	04/14/12 01:49	
2-Fluorobiphenyl (S)	%	59	46-109	04/14/12 01:49	
p-Terphenyl-d14 (S)	%	65	43-107	04/14/12 01:49	

LABORATORY CONTROL SAMPLE: 719842

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	333	245	73	52-122	
Benzo(a)pyrene	ug/kg	333	252	76	56-131	
Benzo(b)fluoranthene	ug/kg	333	257	77	54-125	
Benzo(k)fluoranthene	ug/kg	333	235	70	55-128	
Chrysene	ug/kg	333	241	72	56-118	
Dibenz(a,h)anthracene	ug/kg	333	244	73	56-125	
Indeno(1,2,3-cd)pyrene	ug/kg	333	245	74	56-124	
Naphthalene	ug/kg	333	194	58	52-112	
2-Fluorobiphenyl (S)	%			62	46-109	
p-Terphenyl-d14 (S)	%			70	43-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 719843 719844

Parameter	Units	5061372001		719843		719844		% Rec	% Rec	% Rec	Max	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec					
Benzo(a)anthracene	ug/kg	<0.0057 mg/kg	379	379	274	262	72	69	36-105	4	20	
Benzo(a)pyrene	ug/kg	<0.0057 mg/kg	379	379	269	259	71	68	34-113	4	20	
Benzo(b)fluoranthene	ug/kg	0.0074 mg/kg	379	379	274	264	70	68	33-111	4	20	
Benzo(k)fluoranthene	ug/kg	<0.0057 mg/kg	379	379	272	258	72	68	31-116	5	20	
Chrysene	ug/kg	0.0098 mg/kg	379	379	279	265	71	67	34-109	5	20	
Dibenz(a,h)anthracene	ug/kg	<0.0057 mg/kg	379	379	269	258	71	68	32-111	4	20	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061376

Parameter	Units	5061372001		719843		719844		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Indeno(1,2,3-cd)pyrene	ug/kg	<0.0057 mg/kg	379	379	263	253	69	66	27-113	4	20			
Naphthalene	ug/kg	0.0059 mg/kg	379	379	215	216	55	55	45-106	.4	20			
2-Fluorobiphenyl (S)	%.						60	59	46-109		20			
p-Terphenyl-d14 (S)	%.						69	67	43-107		20			

QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061376

QC Batch: OEXT/29351 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 5061376003, 5061376004, 5061376005, 5061376006, 5061376007, 5061376008, 5061376009

METHOD BLANK: 721354 Matrix: Solid
Associated Lab Samples: 5061376003, 5061376004, 5061376005, 5061376006, 5061376007, 5061376008, 5061376009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/kg	ND	5.0	04/17/12 16:40	
Benzo(a)pyrene	ug/kg	ND	5.0	04/17/12 16:40	
Benzo(b)fluoranthene	ug/kg	ND	5.0	04/17/12 16:40	
Benzo(k)fluoranthene	ug/kg	ND	5.0	04/17/12 16:40	
Chrysene	ug/kg	ND	5.0	04/17/12 16:40	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	04/17/12 16:40	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	04/17/12 16:40	
Naphthalene	ug/kg	ND	5.0	04/17/12 16:40	
2-Fluorobiphenyl (S)	%	75	46-109	04/17/12 16:40	
p-Terphenyl-d14 (S)	%	88	43-107	04/17/12 16:40	

LABORATORY CONTROL SAMPLE: 721355

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	333	269	81	52-122	
Benzo(a)pyrene	ug/kg	333	282	85	56-131	
Benzo(b)fluoranthene	ug/kg	333	270	81	54-125	
Benzo(k)fluoranthene	ug/kg	333	279	84	55-128	
Chrysene	ug/kg	333	276	83	56-118	
Dibenz(a,h)anthracene	ug/kg	333	270	81	56-125	
Indeno(1,2,3-cd)pyrene	ug/kg	333	265	80	56-124	
Naphthalene	ug/kg	333	225	68	52-112	
2-Fluorobiphenyl (S)	%			76	46-109	
p-Terphenyl-d14 (S)	%			85	43-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 721356 721357

Parameter	Units	5061376003		721357		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Benzo(a)anthracene	ug/kg	ND	358	358	256	318	71	89	36-105	22	20 R1
Benzo(a)pyrene	ug/kg	ND	358	358	271	332	76	93	34-113	20	20
Benzo(b)fluoranthene	ug/kg	ND	358	358	267	331	75	92	33-111	21	20 R1
Benzo(k)fluoranthene	ug/kg	ND	358	358	262	319	73	89	31-116	20	20
Chrysene	ug/kg	ND	358	358	269	324	75	91	34-109	19	20
Dibenz(a,h)anthracene	ug/kg	ND	358	358	263	321	74	90	32-111	20	20
Indeno(1,2,3-cd)pyrene	ug/kg	ND	358	358	259	320	72	89	27-113	21	20 R1
Naphthalene	ug/kg	ND	358	358	227	283	64	79	45-106	22	20 R1
2-Fluorobiphenyl (S)	%						65	84	46-109		20 R1
p-Terphenyl-d14 (S)	%						71	88	43-107		20 R1

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061376

QC Batch: PMST/6944

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 5061376001, 5061376002, 5061376003, 5061376004, 5061376005, 5061376006, 5061376007, 5061376008, 5061376009

SAMPLE DUPLICATE: 719627

Parameter	Units	5061376001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.3	9.7	6	5	R1

SAMPLE DUPLICATE: 719628

Parameter	Units	5061344005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	25.2	25.1	.3	5	

QUALIFIERS

Project: Hamilton Towing
Pace Project No.: 5061376

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- R1 RPD value was outside control limits.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Hamilton Towing
Pace Project No.: 5061376

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
5061376001	GP-1 0-5	EPA 3546	OEXT/29323	EPA 8270 by SIM	MSSV/9961
5061376002	GP-2 0-5	EPA 3546	OEXT/29323	EPA 8270 by SIM	MSSV/9961
5061376003	GP-3 0-5	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376004	GP-4 10-15	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376005	GP-5 0-5	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376006	GP-6 10-15	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376007	GP-7 0-5	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376008	GP-8 0-5	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376009	GP-10 10-15	EPA 3546	OEXT/29351	EPA 8270 by SIM	MSSV/9976
5061376001	GP-1 0-5	EPA 8260	MSV/41342		
5061376002	GP-2 0-5	EPA 8260	MSV/41342		
5061376003	GP-3 0-5	EPA 8260	MSV/41342		
5061376004	GP-4 10-15	EPA 8260	MSV/41342		
5061376005	GP-5 0-5	EPA 8260	MSV/41342		
5061376006	GP-6 10-15	EPA 8260	MSV/41342		
5061376007	GP-7 0-5	EPA 8260	MSV/41364		
5061376008	GP-8 0-5	EPA 8260	MSV/41364		
5061376009	GP-10 10-15	EPA 8260	MSV/41364		
5061376001	GP-1 0-5	ASTM D2974-87	PMST/6944		
5061376002	GP-2 0-5	ASTM D2974-87	PMST/6944		
5061376003	GP-3 0-5	ASTM D2974-87	PMST/6944		
5061376004	GP-4 10-15	ASTM D2974-87	PMST/6944		
5061376005	GP-5 0-5	ASTM D2974-87	PMST/6944		
5061376006	GP-6 10-15	ASTM D2974-87	PMST/6944		
5061376007	GP-7 0-5	ASTM D2974-87	PMST/6944		
5061376008	GP-8 0-5	ASTM D2974-87	PMST/6944		
5061376009	GP-10 10-15	ASTM D2974-87	PMST/6944		

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.



Section A Required Client Information: Company: <u>Wightman Petrie</u> Address: <u>412 J.S. Carlsberg</u> S. Bend, IN 46601 Email To: <u>cp@wightmanpetrie.com</u> Phone: <u>574-232-4388</u> Fax: <u>574-232-4333</u> Requested Due Date/TAT: _____		Section B Required Project Information: Report To: <u>C. P. Pifer</u> Copy To: <u>A. Soars</u> Purchase Order No.: _____ Project Name: <u>Hamilton Towing</u> Project Number: _____		Section C Invoice Information: Attention: <u>Kim Bowman</u> Company Name: _____ Address: _____ Pace Quote Reference: _____ Pace Project Manager: _____ Pace Profile #: _____	
Regulatory Agency: <u>1542309</u> <input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____		Site Location: <u>UN</u> STATE: _____		Page: <u>3</u> of <u>3</u>	

ITEM #	SAMPLE ID (A-Z, 0-9 / -)	Matrix Codes MATRIX CODE	COLLECTED		SAMPLE TYPE (G=GRAB C-COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No. / Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB									
25	GP-7 0-5	DW Drinking Water			SLG								5061376
26	GP-7 5-10	WT Waste Water											H ₂ O -028
27	GP-8 0-5	WW Waste Water											N ₂ O -029
28	GP-8 5-10	P Product											F ₂ O -050
29	GP-8 10-15	SL Soil/Solid											F ₂ O -051
30	GP-8 15-20	OL Oil											F ₂ O -052
31	GP-8 20-25	Wipe											F ₂ O -053
32	GP-10 0-5	WP Air											F ₂ O -054
33	GP-10 5-10	AR Tissue											F ₂ O -059
34	GP-10 10-15	OT Other											F ₂ O

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Temp in °C	Received on	Custody	Sealed Cooler	Samples Intact
	<i>[Signature]</i>	04/11/12	4:50	Kathy Beck-Pace	4/12/12	10:44	Y	0.3	Y	Y	Y	Y
								0.0				
								0.0				
								0.0				

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Andy Soars
 SIGNATURE of SAMPLER: *[Signature]*
 DATE Signed (MM/DD/YYYY): 04/11/12

Sample Condition Upon Receipt



Client Name: Wrightman Retrieval Project # 5061376

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: Master # 8996 03442684

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Date/Time 5035A kits placed in freezer
4/12/12 1157

Packing Material: Bubble Wrap Bubble Bags None Other Ziplocks

Thermometer Used 12346ABCDE Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 0.0°C, 0.3°C, 0.0°C ice Visible in Sample Containers: yes no
(Corrected, if applicable) 0.0°C

Temp should be above freezing to 6°C

Comments: Date and Initials of person examining contents: Kee 4-12-12

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5. <u>J.C. Kits</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8. <u>no dates on sample containers.</u>
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, TOC, O&G	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Project Manager Review		
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Correct Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 4/12/12

Sample Container Count

CLIENT: Wightman Petrie

COC PAGE 1 of 3

COC ID# 1542314

Project # S061376



Sample Line Item	DG9H	AG1U	WG FU R	4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	Comments
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

Container Codes	DG9H	40mL HCL	amber vov vial	AF	Air Filter	BP1N	1 liter HNO3	plastic	DG9P	40mL TSP	amber vial	
AG1U	1 liter	unpreserved	amber glass	AG1H	1 liter HCL	amber glass	BP1S	1 liter H2SO4	plastic	DG9S	40mL H2SO4	amber vial
WG FU	4oz	clear	soil jar	AG1S	1 liter H2SO4	amber glass	BP1U	1 liter unpreserved	plastic	DG9T	40mL Na Thio	amber vial
R	terra	core	kit	AG1T	1 liter Na Thiosulfate	amber gl	BP1Z	1 liter NaOH, Zn, Ac		DG9U	40mL unpreserved	amber vial
BP2N	500mL	HNO3	plastic	AG2N	500mL HNO3	amber glass	BP2A	500mL NaOH, Asc	Acid plastic		Wipe/Swab	
BP2U	500mL	unpreserved	plastic	AG2S	500mL H2SO4	amber glass	BP2O	500mL NaOH	plastic	JGFU	4oz unpreserved	amber wide
BP2S	500mL	H2SO4	plastic	AG2U	500mL unpreserved	amber gla	BP2Z	500mL NaOH, Zn	Ac	U	Summa Can	
BP3N	250mL	HNO3	plastic	AG3U	250mL unpreserved	amber gla	BP3A	250mL NaOH, Asc	Acid plastic	VG9H	40mL HCL	clear vial
BP3U	250mL	unpreserved	plastic	BG1H	1 liter HCL	clear glass	BP3C	250mL NaOH	plastic	VG9T	40mL Na Thio.	clear vial
BP3S	250mL	H2SO4	plastic	BG1S	1 liter H2SO4	clear glass	BP3Z	250mL NaOH, Zn	Ac plastic	VG9U	40mL unpreserved	clear vial
AG3S	250mL	H2SO4	glass	BG1T	1 liter Na Thiosulfate	clear gla	C	Air Cassettes		VSG	Headspace septa	vial & HCL
AG1S	1 liter	H2SO4	amber glass	BG1U	1 liter unpreserved	glass	DG9B	40mL Na Bisulfate	amber vial	WGFX	4oz wide jar	w/hexane wipe
BP1U	1 liter	unpreserved	plastic	BP1A	1 liter NaOH, Asc	Acid plastic	DG9M	40mL MeOH	clear vial	ZPLC	Ziploc Bag	

Sample Container Count



CLIENT: Wegman Petrie

COC PAGE 2 of 3

COC ID# 1542313

Project # 5061376

Sample Line Item	DG9H	AG1U	WG9U	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	Comments
1				1									
2				4									
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

Container Codes	DG9H	AG1U	WG9U	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	Comments		
DG9H	40mL HCL	amber vial											DG9P	40mL TSP	amber vial
AG1U	1 liter	unpreserved	amber glass										DG9S	40mL H2SO4	amber vial
WG9U	4oz	clear soil	jar										DG9T	40mL Na Thio	amber vial
R	terra	core kit											DG9U	40mL unpreserved	amber vial
BP2N	500mL	HNO3	plastic										JGFU	Wipe/Swab	
BP2U	500mL	unpreserved	plastic										U	4oz unpreserved	amber wide
BP2S	500mL	H2SO4	plastic										VG9H	Summa Can	
BP3N	250mL	HNO3	plastic										VG9T	40mL HCL	clear vial
BP3U	250mL	unpreserved	plastic										VG9U	40mL Na Thio.	clear vial
BP3S	250mL	H2SO4	plastic										VSG	40mL unpreserved	clear vial
AG3S	250mL	H2SO4	glass	amber									WGFX	HeadSPACE	septa vial & HCL
AG1S	1 liter	H2SO4	amber glass										ZPLC	4oz wide jar	w/hexane wipe
BP1U	1 liter	unpreserved	plastic												

Sample Container Count

CLIENT: Wightman Petro

COC PAGE 3 of 3

COC ID# 1542309

Project # S061376



Sample Line

Item DG9H AG1U WGFU R 4/6 BP2N BP2U BP2S BP3N BP3U BP3S AG3S AG1H

Item	DG9H	AG1U	WGFU	R	4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	Comments
1					4									
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

Container Codes

Item	DG9H	AG1U	WGFU	R	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1S	BP1U	AF	BP1N	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	40mL HCL amber vial	1liter unpreserved amber glass	4oz clear soil jar	terra core kit	500mL HNO3 plastic	500mL unpreserved plastic	500mL H2SO4 plastic	250mL HNO3 plastic	250mL unpreserved plastic	250mL H2SO4 plastic	250mL H2SO4 glass	1 liter H2SO4 amber glass	1 liter unpreserved plastic	40mL HCL	1 liter HNO3 plastic	40mL TSP amber vial	40mL H2SO4 amber vial	40mL Na Thio amber vial	40mL unpreserved amber vial	Wipe/Swab	4oz unpreserved amber wide	Summa Can	40mL HCL clear vial	40mL Na Thio clear vial	40mL unpreserved clear vial	Headspace septa vial & HCL	4oz wide jar w/hexane wipe	Ziploc Bag
	1liter unpreserved amber glass	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	Air Filter	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	1 liter HCL amber glass	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	1 liter HCL	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	1 liter H2SO4 amber glass	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	1 liter H2SO4	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	1 liter Na Thiosulfate amber gl	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	1 liter Na Thiosulfate	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	500mL HNO3 amber glass	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	500mL HNO3	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	500mL H2SO4 amber glass	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	500mL H2SO4	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	500mL unpreserved amber gla	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	500mL unpreserved	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	250mL unpreserved amber gla	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	250mL unpreserved	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	250mL HCL clear glass	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	250mL HCL	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	1 liter H2SO4 clear glass	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	1 liter H2SO4	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	1 liter Na Thiosulfate clear gla	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	1 liter Na Thiosulfate	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	1 liter unpreserved glass	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	1 liter unpreserved	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	
	1 liter NaOH, Asc Acid plastic	AG1H	AG1S	AG1T	AG2N	AG2S	AG2U	AG3U	BG1H	BG1S	BG1T	BG1U	BP1A	1 liter NaOH, Asc Acid	BP1S	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC	

April 19, 2012

Mr. Conley Phifer
Wightman Petrie Environmental
412 S. Lafayette
South Bend, IN 46601

RE: Project: Hamilton Towing
Pace Project No.: 5061445

Dear Mr. Phifer:

Enclosed are the analytical results for sample(s) received by the laboratory on April 13, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lyle Cable

lyle.cable@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Hamilton Towing

Pace Project No.: 5061445

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268

Illinois Certification #: 200074

Indiana Certification #: C-49-06

Kansas Certification #: E-10247

Kentucky Certification #: 0042

Louisiana/NELAC Certification #: 04076

Ohio VAP: CL0065

Pennsylvania: 68-04991

West Virginia Certification #: 330

SAMPLE SUMMARY

Project: Hamilton Towing

Pace Project No.: 5061445

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5061445001	GP-11 10-15	Solid	04/12/12 08:36	04/13/12 11:54
5061445002	GP-12 10-15	Solid	04/12/12 09:55	04/13/12 11:54
5061445003	GP-13 5-10	Solid	04/12/12 10:16	04/13/12 11:54
5061445004	GP-14 0-5	Solid	04/12/12 10:28	04/13/12 11:54
5061445005	GP-17 0-5	Solid	04/12/12 10:52	04/13/12 11:54
5061445006	GP-11 0-5	Solid	04/12/12 08:18	04/13/12 11:54
5061445007	GP-11 5-10	Solid	04/12/12 08:23	04/13/12 11:54
5061445008	GP-11 15-20	Solid	04/12/12 08:56	04/13/12 11:54
5061445009	GP-11 20-25	Solid	04/12/12 09:01	04/13/12 11:54
5061445010	GP-12 0-5	Solid	04/12/12 09:45	04/13/12 11:54
5061445011	GP-12 5-10	Solid	04/12/12 09:49	04/13/12 11:54
5061445012	GP-13 0-5	Solid	04/12/12 10:10	04/13/12 11:54
5061445013	GP-14 5-10	Solid	04/12/12 10:32	04/13/12 11:54
5061445014	GP-14 10-15	Solid	04/12/12 10:36	04/13/12 11:54
5061445015	GP-17 5-10	Solid	04/12/12 10:48	04/13/12 11:54
5061445016	GP-17 10-15	Solid	04/12/12 10:55	04/13/12 11:54
5061445017	GP-17 15-20	Solid	04/12/12 11:00	04/13/12 11:54
5061445018	GP-17 20-25	Solid	04/12/12 11:07	04/13/12 11:54

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Hamilton Towing
Pace Project No.: 5061445

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5061445001	GP-11 10-15	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061445002	GP-12 10-15	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061445003	GP-13 5-10	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061445004	GP-14 0-5	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061445005	GP-17 0-5	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061445

Sample: GP-11 10-15 **Lab ID: 5061445001** Collected: 04/12/12 08:36 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	207-08-9	
Chrysene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:29	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	80 %.		46-109	1	04/16/12 11:20	04/18/12 03:29	321-60-8	
p-Terphenyl-d14 (S)	91 %.		43-107	1	04/16/12 11:20	04/18/12 03:29	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	98.4	1		04/16/12 19:14	67-64-1	
Acrolein	ND	ug/kg	98.4	1		04/16/12 19:14	107-02-8	
Acrylonitrile	ND	ug/kg	98.4	1		04/16/12 19:14	107-13-1	
Benzene	ND	ug/kg	4.9	1		04/16/12 19:14	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1		04/16/12 19:14	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1		04/16/12 19:14	75-27-4	
Bromoform	ND	ug/kg	4.9	1		04/16/12 19:14	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		04/16/12 19:14	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.6	1		04/16/12 19:14	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	98-06-6	
Carbon disulfide	ND	ug/kg	9.8	1		04/16/12 19:14	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		04/16/12 19:14	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	75-00-3	
Chloroform	ND	ug/kg	4.9	1		04/16/12 19:14	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		04/16/12 19:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1		04/16/12 19:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1		04/16/12 19:14	106-43-4	
Dibromochloromethane	ND	ug/kg	4.9	1		04/16/12 19:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		04/16/12 19:14	106-93-4	
Dibromomethane	ND	ug/kg	4.9	1		04/16/12 19:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	98.4	1		04/16/12 19:14	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		04/16/12 19:14	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		04/16/12 19:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/16/12 19:14	156-59-2	

Date: 04/19/2012 04:31 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061445

Sample: GP-11 10-15 **Lab ID:** 5061445001 Collected: 04/12/12 08:36 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/16/12 19:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		04/16/12 19:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1		04/16/12 19:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1		04/16/12 19:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1		04/16/12 19:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/16/12 19:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/16/12 19:14	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	100-41-4	
Ethyl methacrylate	ND	ug/kg	98.4	1		04/16/12 19:14	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1		04/16/12 19:14	87-68-3	
n-Hexane	ND	ug/kg	4.9	1		04/16/12 19:14	110-54-3	
2-Hexanone	ND	ug/kg	98.4	1		04/16/12 19:14	591-78-6	
Iodomethane	ND	ug/kg	98.4	1		04/16/12 19:14	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		04/16/12 19:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		04/16/12 19:14	99-87-6	
Methylene Chloride	ND	ug/kg	19.7	1		04/16/12 19:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.6	1		04/16/12 19:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		04/16/12 19:14	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		04/16/12 19:14	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	103-65-1	
Styrene	ND	ug/kg	4.9	1		04/16/12 19:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		04/16/12 19:14	127-18-4	
Toluene	ND	ug/kg	4.9	1		04/16/12 19:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		04/16/12 19:14	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		04/16/12 19:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		04/16/12 19:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1		04/16/12 19:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		04/16/12 19:14	108-67-8	
Vinyl acetate	ND	ug/kg	98.4	1		04/16/12 19:14	108-05-4	
Vinyl chloride	ND	ug/kg	4.9	1		04/16/12 19:14	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	1		04/16/12 19:14	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	100 %		71-125	1		04/16/12 19:14	1868-53-7	
Toluene-d8 (S)	102 %		76-124	1		04/16/12 19:14	2037-26-5	
4-Bromofluorobenzene (S)	101 %		67-134	1		04/16/12 19:14	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	3.1 %		0.10	1		04/13/12 18:30		
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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-12 10-15 **Lab ID: 5061445002** Collected: 04/12/12 09:55 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	207-08-9	
Chrysene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 03:47	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	68 %.		46-109	1	04/16/12 11:20	04/18/12 03:47	321-60-8	
p-Terphenyl-d14 (S)	75 %.		43-107	1	04/16/12 11:20	04/18/12 03:47	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	98.2	1		04/16/12 19:48	67-64-1	
Acrolein	ND	ug/kg	98.2	1		04/16/12 19:48	107-02-8	
Acrylonitrile	ND	ug/kg	98.2	1		04/16/12 19:48	107-13-1	
Benzene	ND	ug/kg	4.9	1		04/16/12 19:48	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1		04/16/12 19:48	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1		04/16/12 19:48	75-27-4	
Bromoform	ND	ug/kg	4.9	1		04/16/12 19:48	75-25-2	
Bromomethane	ND	ug/kg	4.9	1		04/16/12 19:48	74-83-9	
2-Butanone (MEK)	ND	ug/kg	24.6	1		04/16/12 19:48	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	98-06-6	
Carbon disulfide	ND	ug/kg	9.8	1		04/16/12 19:48	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.9	1		04/16/12 19:48	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	108-90-7	
Chloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	75-00-3	
Chloroform	ND	ug/kg	4.9	1		04/16/12 19:48	67-66-3	
Chloromethane	ND	ug/kg	4.9	1		04/16/12 19:48	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1		04/16/12 19:48	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1		04/16/12 19:48	106-43-4	
Dibromochloromethane	ND	ug/kg	4.9	1		04/16/12 19:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1		04/16/12 19:48	106-93-4	
Dibromomethane	ND	ug/kg	4.9	1		04/16/12 19:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	98.2	1		04/16/12 19:48	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.9	1		04/16/12 19:48	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1		04/16/12 19:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/16/12 19:48	156-59-2	

ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-12 10-15 Lab ID: 5061445002 Collected: 04/12/12 09:55 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1		04/16/12 19:48	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1		04/16/12 19:48	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1		04/16/12 19:48	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1		04/16/12 19:48	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1		04/16/12 19:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/16/12 19:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1		04/16/12 19:48	10061-02-6	
Ethylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	100-41-4	
Ethyl methacrylate	ND	ug/kg	98.2	1		04/16/12 19:48	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1		04/16/12 19:48	87-68-3	
n-Hexane	ND	ug/kg	4.9	1		04/16/12 19:48	110-54-3	
2-Hexanone	ND	ug/kg	98.2	1		04/16/12 19:48	591-78-6	
Iodomethane	ND	ug/kg	98.2	1		04/16/12 19:48	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1		04/16/12 19:48	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1		04/16/12 19:48	99-87-6	
Methylene Chloride	ND	ug/kg	19.6	1		04/16/12 19:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	24.6	1		04/16/12 19:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1		04/16/12 19:48	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1		04/16/12 19:48	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	103-65-1	
Styrene	ND	ug/kg	4.9	1		04/16/12 19:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1		04/16/12 19:48	127-18-4	
Toluene	ND	ug/kg	4.9	1		04/16/12 19:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1		04/16/12 19:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1		04/16/12 19:48	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1		04/16/12 19:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1		04/16/12 19:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1		04/16/12 19:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1		04/16/12 19:48	108-67-8	
Vinyl acetate	ND	ug/kg	98.2	1		04/16/12 19:48	108-05-4	
Vinyl chloride	ND	ug/kg	4.9	1		04/16/12 19:48	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	1		04/16/12 19:48	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101 %		71-125	1		04/16/12 19:48	1868-53-7	
Toluene-d8 (S)	100 %		76-124	1		04/16/12 19:48	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-134	1		04/16/12 19:48	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	4.0 %		0.10	1		04/13/12 18:30		
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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061445

Sample: GP-13 5-10 **Lab ID: 5061445003** Collected: 04/12/12 10:16 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	207-08-9	
Chrysene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 04:06	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	79 %.		46-109	1	04/16/12 11:20	04/18/12 04:06	321-60-8	
p-Terphenyl-d14 (S)	93 %.		43-107	1	04/16/12 11:20	04/18/12 04:06	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	86.3	1		04/16/12 20:22	67-64-1	
Acrolein	ND	ug/kg	86.3	1		04/16/12 20:22	107-02-8	
Acrylonitrile	ND	ug/kg	86.3	1		04/16/12 20:22	107-13-1	
Benzene	ND	ug/kg	4.3	1		04/16/12 20:22	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		04/16/12 20:22	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		04/16/12 20:22	75-27-4	
Bromoform	ND	ug/kg	4.3	1		04/16/12 20:22	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		04/16/12 20:22	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.6	1		04/16/12 20:22	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	98-06-6	
Carbon disulfide	ND	ug/kg	8.6	1		04/16/12 20:22	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		04/16/12 20:22	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	75-00-3	
Chloroform	ND	ug/kg	4.3	1		04/16/12 20:22	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		04/16/12 20:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		04/16/12 20:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		04/16/12 20:22	106-43-4	
Dibromochloromethane	ND	ug/kg	4.3	1		04/16/12 20:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		04/16/12 20:22	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		04/16/12 20:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	86.3	1		04/16/12 20:22	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.3	1		04/16/12 20:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		04/16/12 20:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		04/16/12 20:22	156-59-2	

Date: 04/19/2012 04:31 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061445

Sample: GP-13 5-10 **Lab ID: 5061445003** Collected: 04/12/12 10:16 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		04/16/12 20:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		04/16/12 20:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		04/16/12 20:22	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		04/16/12 20:22	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		04/16/12 20:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		04/16/12 20:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		04/16/12 20:22	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	100-41-4	
Ethyl methacrylate	ND	ug/kg	86.3	1		04/16/12 20:22	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		04/16/12 20:22	87-68-3	
n-Hexane	ND	ug/kg	4.3	1		04/16/12 20:22	110-54-3	
2-Hexanone	ND	ug/kg	86.3	1		04/16/12 20:22	591-78-6	
Iodomethane	ND	ug/kg	86.3	1		04/16/12 20:22	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		04/16/12 20:22	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		04/16/12 20:22	99-87-6	
Methylene Chloride	ND	ug/kg	17.3	1		04/16/12 20:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.6	1		04/16/12 20:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		04/16/12 20:22	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1		04/16/12 20:22	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	103-65-1	
Styrene	ND	ug/kg	4.3	1		04/16/12 20:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		04/16/12 20:22	127-18-4	
Toluene	ND	ug/kg	4.3	1		04/16/12 20:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		04/16/12 20:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		04/16/12 20:22	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		04/16/12 20:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		04/16/12 20:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		04/16/12 20:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		04/16/12 20:22	108-67-8	
Vinyl acetate	ND	ug/kg	86.3	1		04/16/12 20:22	108-05-4	
Vinyl chloride	ND	ug/kg	4.3	1		04/16/12 20:22	75-01-4	
Xylene (Total)	ND	ug/kg	8.6	1		04/16/12 20:22	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101 %		71-125	1		04/16/12 20:22	1868-53-7	
Toluene-d8 (S)	97 %		76-124	1		04/16/12 20:22	2037-26-5	
4-Bromofluorobenzene (S)	99 %		67-134	1		04/16/12 20:22	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	3.6 %		0.10	1		04/13/12 18:30		
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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-14 0-5 **Lab ID: 5061445004** Collected: 04/12/12 10:28 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	207-08-9	
Chrysene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	193-39-5	
Naphthalene	ND	ug/kg	5.5	1	04/16/12 11:20	04/18/12 05:00	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	65 %.		46-109	1	04/16/12 11:20	04/18/12 05:00	321-60-8	
p-Terphenyl-d14 (S)	70 %.		43-107	1	04/16/12 11:20	04/18/12 05:00	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	84.0	1		04/16/12 20:55	67-64-1	
Acrolein	ND	ug/kg	84.0	1		04/16/12 20:55	107-02-8	
Acrylonitrile	ND	ug/kg	84.0	1		04/16/12 20:55	107-13-1	
Benzene	ND	ug/kg	4.2	1		04/16/12 20:55	71-43-2	
Bromobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	1		04/16/12 20:55	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	1		04/16/12 20:55	75-27-4	
Bromoform	ND	ug/kg	4.2	1		04/16/12 20:55	75-25-2	
Bromomethane	ND	ug/kg	4.2	1		04/16/12 20:55	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.0	1		04/16/12 20:55	78-93-3	
n-Butylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	98-06-6	
Carbon disulfide	ND	ug/kg	8.4	1		04/16/12 20:55	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.2	1		04/16/12 20:55	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	108-90-7	
Chloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	75-00-3	
Chloroform	ND	ug/kg	4.2	1		04/16/12 20:55	67-66-3	
Chloromethane	ND	ug/kg	4.2	1		04/16/12 20:55	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.2	1		04/16/12 20:55	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.2	1		04/16/12 20:55	106-43-4	
Dibromochloromethane	ND	ug/kg	4.2	1		04/16/12 20:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1		04/16/12 20:55	106-93-4	
Dibromomethane	ND	ug/kg	4.2	1		04/16/12 20:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	84.0	1		04/16/12 20:55	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.2	1		04/16/12 20:55	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.2	1		04/16/12 20:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1		04/16/12 20:55	156-59-2	

ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-14 0-5 Lab ID: 5061445004 Collected: 04/12/12 10:28 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1		04/16/12 20:55	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1		04/16/12 20:55	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.2	1		04/16/12 20:55	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.2	1		04/16/12 20:55	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.2	1		04/16/12 20:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1		04/16/12 20:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1		04/16/12 20:55	10061-02-6	
Ethylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	100-41-4	
Ethyl methacrylate	ND	ug/kg	84.0	1		04/16/12 20:55	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	1		04/16/12 20:55	87-68-3	
n-Hexane	ND	ug/kg	4.2	1		04/16/12 20:55	110-54-3	
2-Hexanone	ND	ug/kg	84.0	1		04/16/12 20:55	591-78-6	
Iodomethane	ND	ug/kg	84.0	1		04/16/12 20:55	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1		04/16/12 20:55	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.2	1		04/16/12 20:55	99-87-6	
Methylene Chloride	ND	ug/kg	16.8	1		04/16/12 20:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.0	1		04/16/12 20:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1		04/16/12 20:55	1634-04-4	
Naphthalene	ND	ug/kg	4.2	1		04/16/12 20:55	91-20-3	
n-Propylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	103-65-1	
Styrene	ND	ug/kg	4.2	1		04/16/12 20:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1		04/16/12 20:55	127-18-4	
Toluene	ND	ug/kg	4.2	1		04/16/12 20:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1		04/16/12 20:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1		04/16/12 20:55	79-00-5	
Trichloroethene	ND	ug/kg	4.2	1		04/16/12 20:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	1		04/16/12 20:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.2	1		04/16/12 20:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1		04/16/12 20:55	108-67-8	
Vinyl acetate	ND	ug/kg	84.0	1		04/16/12 20:55	108-05-4	
Vinyl chloride	ND	ug/kg	4.2	1		04/16/12 20:55	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	1		04/16/12 20:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101 %		71-125	1		04/16/12 20:55	1868-53-7	
Toluene-d8 (S)	99 %		76-124	1		04/16/12 20:55	2037-26-5	
4-Bromofluorobenzene (S)	97 %		67-134	1		04/16/12 20:55	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	9.5 %		0.10	1		04/13/12 18:30		
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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061445

Sample: GP-17 0-5 **Lab ID: 5061445005** Collected: 04/12/12 10:52 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	207-08-9	
Chrysene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	193-39-5	
Naphthalene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:18	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	65 %.		46-109	1	04/16/12 11:20	04/18/12 05:18	321-60-8	
p-Terphenyl-d14 (S)	76 %.		43-107	1	04/16/12 11:20	04/18/12 05:18	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	81.8	1		04/16/12 21:29	67-64-1	
Acrolein	ND	ug/kg	81.8	1		04/16/12 21:29	107-02-8	
Acrylonitrile	ND	ug/kg	81.8	1		04/16/12 21:29	107-13-1	
Benzene	ND	ug/kg	4.1	1		04/16/12 21:29	71-43-2	
Bromobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	1		04/16/12 21:29	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	1		04/16/12 21:29	75-27-4	
Bromoform	ND	ug/kg	4.1	1		04/16/12 21:29	75-25-2	
Bromomethane	ND	ug/kg	4.1	1		04/16/12 21:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	20.5	1		04/16/12 21:29	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	98-06-6	
Carbon disulfide	ND	ug/kg	8.2	1		04/16/12 21:29	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.1	1		04/16/12 21:29	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	108-90-7	
Chloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	75-00-3	
Chloroform	ND	ug/kg	4.1	1		04/16/12 21:29	67-66-3	
Chloromethane	ND	ug/kg	4.1	1		04/16/12 21:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.1	1		04/16/12 21:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.1	1		04/16/12 21:29	106-43-4	
Dibromochloromethane	ND	ug/kg	4.1	1		04/16/12 21:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		04/16/12 21:29	106-93-4	
Dibromomethane	ND	ug/kg	4.1	1		04/16/12 21:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	81.8	1		04/16/12 21:29	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.1	1		04/16/12 21:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		04/16/12 21:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		04/16/12 21:29	156-59-2	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061445

Sample: GP-17 0-5 **Lab ID:** 5061445005 Collected: 04/12/12 10:52 Received: 04/13/12 11:54 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		04/16/12 21:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		04/16/12 21:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.1	1		04/16/12 21:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.1	1		04/16/12 21:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.1	1		04/16/12 21:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		04/16/12 21:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		04/16/12 21:29	10061-02-6	
Ethylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	100-41-4	
Ethyl methacrylate	ND	ug/kg	81.8	1		04/16/12 21:29	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	1		04/16/12 21:29	87-68-3	
n-Hexane	ND	ug/kg	4.1	1		04/16/12 21:29	110-54-3	
2-Hexanone	ND	ug/kg	81.8	1		04/16/12 21:29	591-78-6	
Iodomethane	ND	ug/kg	81.8	1		04/16/12 21:29	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1		04/16/12 21:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1		04/16/12 21:29	99-87-6	
Methylene Chloride	ND	ug/kg	16.4	1		04/16/12 21:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20.5	1		04/16/12 21:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		04/16/12 21:29	1634-04-4	
Naphthalene	ND	ug/kg	4.1	1		04/16/12 21:29	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	103-65-1	
Styrene	ND	ug/kg	4.1	1		04/16/12 21:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		04/16/12 21:29	127-18-4	
Toluene	ND	ug/kg	4.1	1		04/16/12 21:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		04/16/12 21:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		04/16/12 21:29	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		04/16/12 21:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1		04/16/12 21:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.1	1		04/16/12 21:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1		04/16/12 21:29	108-67-8	
Vinyl acetate	ND	ug/kg	81.8	1		04/16/12 21:29	108-05-4	
Vinyl chloride	ND	ug/kg	4.1	1		04/16/12 21:29	75-01-4	
Xylene (Total)	ND	ug/kg	8.2	1		04/16/12 21:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103 %		71-125	1		04/16/12 21:29	1868-53-7	
Toluene-d8 (S)	97 %		76-124	1		04/16/12 21:29	2037-26-5	
4-Bromofluorobenzene (S)	100 %		67-134	1		04/16/12 21:29	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	10.0 %		0.10	1		04/13/12 18:30		
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QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061445

QC Batch: MSV/41349

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV 5035A Volatile Organics

Associated Lab Samples: 5061445001, 5061445002, 5061445003, 5061445004, 5061445005

METHOD BLANK: 721278

Matrix: Solid

Associated Lab Samples: 5061445001, 5061445002, 5061445003, 5061445004, 5061445005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/16/12 13:37	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/16/12 13:37	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/16/12 13:37	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/16/12 13:37	
1,1-Dichloroethane	ug/kg	ND	5.0	04/16/12 13:37	
1,1-Dichloroethene	ug/kg	ND	5.0	04/16/12 13:37	
1,1-Dichloropropene	ug/kg	ND	5.0	04/16/12 13:37	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/16/12 13:37	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/16/12 13:37	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/16/12 13:37	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/16/12 13:37	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/16/12 13:37	
1,2-Dichloroethane	ug/kg	ND	5.0	04/16/12 13:37	
1,2-Dichloropropane	ug/kg	ND	5.0	04/16/12 13:37	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/16/12 13:37	
1,3-Dichloropropane	ug/kg	ND	5.0	04/16/12 13:37	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/16/12 13:37	
2,2-Dichloropropane	ug/kg	ND	5.0	04/16/12 13:37	
2-Butanone (MEK)	ug/kg	ND	25.0	04/16/12 13:37	
2-Chlorotoluene	ug/kg	ND	5.0	04/16/12 13:37	
2-Hexanone	ug/kg	ND	100	04/16/12 13:37	
4-Chlorotoluene	ug/kg	ND	5.0	04/16/12 13:37	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/16/12 13:37	
Acetone	ug/kg	ND	100	04/16/12 13:37	
Acrolein	ug/kg	ND	100	04/16/12 13:37	
Acrylonitrile	ug/kg	ND	100	04/16/12 13:37	
Benzene	ug/kg	ND	5.0	04/16/12 13:37	
Bromobenzene	ug/kg	ND	5.0	04/16/12 13:37	
Bromochloromethane	ug/kg	ND	5.0	04/16/12 13:37	
Bromodichloromethane	ug/kg	ND	5.0	04/16/12 13:37	
Bromoform	ug/kg	ND	5.0	04/16/12 13:37	
Bromomethane	ug/kg	ND	5.0	04/16/12 13:37	
Carbon disulfide	ug/kg	ND	10.0	04/16/12 13:37	
Carbon tetrachloride	ug/kg	ND	5.0	04/16/12 13:37	
Chlorobenzene	ug/kg	ND	5.0	04/16/12 13:37	
Chloroethane	ug/kg	ND	5.0	04/16/12 13:37	
Chloroform	ug/kg	ND	5.0	04/16/12 13:37	
Chloromethane	ug/kg	ND	5.0	04/16/12 13:37	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/16/12 13:37	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/16/12 13:37	
Dibromochloromethane	ug/kg	ND	5.0	04/16/12 13:37	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061445

METHOD BLANK: 721278

Matrix: Solid

Associated Lab Samples: 5061445001, 5061445002, 5061445003, 5061445004, 5061445005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	04/16/12 13:37	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/16/12 13:37	
Ethyl methacrylate	ug/kg	ND	100	04/16/12 13:37	
Ethylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/16/12 13:37	
Iodomethane	ug/kg	ND	100	04/16/12 13:37	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/16/12 13:37	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/16/12 13:37	
Methylene Chloride	ug/kg	ND	20.0	04/16/12 13:37	
n-Butylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
n-Hexane	ug/kg	ND	5.0	04/16/12 13:37	
n-Propylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
Naphthalene	ug/kg	ND	5.0	04/16/12 13:37	
p-Isopropyltoluene	ug/kg	ND	5.0	04/16/12 13:37	
sec-Butylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
Styrene	ug/kg	ND	5.0	04/16/12 13:37	
tert-Butylbenzene	ug/kg	ND	5.0	04/16/12 13:37	
Tetrachloroethene	ug/kg	ND	5.0	04/16/12 13:37	
Toluene	ug/kg	ND	5.0	04/16/12 13:37	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/16/12 13:37	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/16/12 13:37	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/16/12 13:37	
Trichloroethene	ug/kg	ND	5.0	04/16/12 13:37	
Trichlorofluoromethane	ug/kg	ND	5.0	04/16/12 13:37	
Vinyl acetate	ug/kg	ND	100	04/16/12 13:37	
Vinyl chloride	ug/kg	ND	5.0	04/16/12 13:37	
Xylene (Total)	ug/kg	ND	10.0	04/16/12 13:37	
4-Bromofluorobenzene (S)	%	102	67-134	04/16/12 13:37	
Dibromofluoromethane (S)	%	104	71-125	04/16/12 13:37	
Toluene-d8 (S)	%	99	76-124	04/16/12 13:37	

LABORATORY CONTROL SAMPLE: 721279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	44.3	89	68-125	
1,1,1-Trichloroethane	ug/kg	50	42.6	85	63-124	
1,1,2,2-Tetrachloroethane	ug/kg	50	42.9	86	73-123	
1,1,2-Trichloroethane	ug/kg	50	37.3	75	70-124	
1,1-Dichloroethane	ug/kg	50	39.8	80	63-122	
1,1-Dichloroethene	ug/kg	50	45.2	90	71-129	
1,1-Dichloropropene	ug/kg	50	40.6	81	71-122	
1,2,3-Trichlorobenzene	ug/kg	50	42.8	86	68-123	
1,2,3-Trichloropropane	ug/kg	50	70.5	141	47-117 L3	
1,2,4-Trichlorobenzene	ug/kg	50	44.3	89	68-125	
1,2,4-Trimethylbenzene	ug/kg	50	51.5	103	69-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061445

LABORATORY CONTROL SAMPLE: 721279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	41.4	83	67-121	
1,2-Dichlorobenzene	ug/kg	50	45.8	92	71-121	
1,2-Dichloroethane	ug/kg	50	42.1	84	74-120	
1,2-Dichloropropane	ug/kg	50	41.0	82	71-117	
1,3,5-Trimethylbenzene	ug/kg	50	48.8	98	64-119	
1,3-Dichlorobenzene	ug/kg	50	46.6	93	70-122	
1,3-Dichloropropane	ug/kg	50	39.4	79	68-118	
1,4-Dichlorobenzene	ug/kg	50	41.9	84	71-118	
2,2-Dichloropropane	ug/kg	50	43.2	86	62-119	
2-Butanone (MEK)	ug/kg	250	237	95	38-154	
2-Chlorotoluene	ug/kg	50	47.9	96	71-120	
2-Hexanone	ug/kg	250	213	85	50-134	
4-Chlorotoluene	ug/kg	50	41.8	84	72-123	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	210	84	66-122	
Acetone	ug/kg	250	234	94	10-200	
Acrolein	ug/kg	1000	1360	136	11-200	
Acrylonitrile	ug/kg	1000	758	76	66-120	
Benzene	ug/kg	50	39.0	78	73-115	
Bromobenzene	ug/kg	50	49.0	98	64-130	
Bromochloromethane	ug/kg	50	46.3	93	71-127	
Bromodichloromethane	ug/kg	50	42.7	85	60-121	
Bromoform	ug/kg	50	30.0	60	44-130	
Bromomethane	ug/kg	50	64.5	129	48-175	
Carbon disulfide	ug/kg	100	102	102	71-126	
Carbon tetrachloride	ug/kg	50	39.1	78	57-127	
Chlorobenzene	ug/kg	50	40.1	80	72-121	
Chloroethane	ug/kg	50	49.3	99	72-141	
Chloroform	ug/kg	50	44.5	89	74-114	
Chloromethane	ug/kg	50	49.1	98	51-126	
cis-1,2-Dichloroethene	ug/kg	50	38.8	78	72-115	
cis-1,3-Dichloropropene	ug/kg	50	41.2	82	64-115	
Dibromochloromethane	ug/kg	50	34.7	69	58-114	
Dibromomethane	ug/kg	50	45.2	90	73-120	
Dichlorodifluoromethane	ug/kg	50	45.5	91	32-167	
Ethyl methacrylate	ug/kg	200	158	79	65-117	
Ethylbenzene	ug/kg	50	40.8	82	73-120	
Hexachloro-1,3-butadiene	ug/kg	50	40.4	81	65-121	
Iodomethane	ug/kg	100	112	112	45-156	
Isopropylbenzene (Cumene)	ug/kg	50	44.3	89	74-123	
Methyl-tert-butyl ether	ug/kg	100	79.5	79	69-123	
Methylene Chloride	ug/kg	50	41.7	83	58-124	
n-Butylbenzene	ug/kg	50	43.9	88	71-118	
n-Hexane	ug/kg	50	34.5	69	50-106	
n-Propylbenzene	ug/kg	50	39.6	79	70-120	
Naphthalene	ug/kg	50	44.7	89	67-124	
p-Isopropyltoluene	ug/kg	50	45.7	91	71-123	
sec-Butylbenzene	ug/kg	50	43.8	88	66-122	
Styrene	ug/kg	50	47.4	95	75-118	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061445

LABORATORY CONTROL SAMPLE: 721279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	40.9	82	54-124	
Tetrachloroethene	ug/kg	50	37.7	75	66-126	
Toluene	ug/kg	50	44.8	90	69-115	
trans-1,2-Dichloroethene	ug/kg	50	45.3	91	69-120	
trans-1,3-Dichloropropene	ug/kg	50	42.3	85	61-116	
trans-1,4-Dichloro-2-butene	ug/kg	200	152	76	59-130	
Trichloroethene	ug/kg	50	41.1	82	71-117	
Trichlorofluoromethane	ug/kg	50	49.7	99	67-138	
Vinyl acetate	ug/kg	200	217	108	35-134	
Vinyl chloride	ug/kg	50	51.4	103	64-127	
Xylene (Total)	ug/kg	150	136	91	69-117	
4-Bromofluorobenzene (S)	%			102	67-134	
Dibromofluoromethane (S)	%			104	71-125	
Toluene-d8 (S)	%			94	76-124	

QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061445

QC Batch: OEXT/29344 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 5061445001, 5061445002, 5061445003, 5061445004, 5061445005

METHOD BLANK: 720968 Matrix: Solid
Associated Lab Samples: 5061445001, 5061445002, 5061445003, 5061445004, 5061445005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/kg	ND	5.0	04/18/12 02:53	
Benzo(a)pyrene	ug/kg	ND	5.0	04/18/12 02:53	
Benzo(b)fluoranthene	ug/kg	ND	5.0	04/18/12 02:53	
Benzo(k)fluoranthene	ug/kg	ND	5.0	04/18/12 02:53	
Chrysene	ug/kg	ND	5.0	04/18/12 02:53	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	04/18/12 02:53	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	04/18/12 02:53	
Naphthalene	ug/kg	ND	5.0	04/18/12 02:53	
2-Fluorobiphenyl (S)	%	80	46-109	04/18/12 02:53	
p-Terphenyl-d14 (S)	%	90	43-107	04/18/12 02:53	

LABORATORY CONTROL SAMPLE: 720969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	333	296	89	52-122	
Benzo(a)pyrene	ug/kg	333	304	91	56-131	
Benzo(b)fluoranthene	ug/kg	333	302	91	54-125	
Benzo(k)fluoranthene	ug/kg	333	288	86	55-128	
Chrysene	ug/kg	333	296	89	56-118	
Dibenz(a,h)anthracene	ug/kg	333	296	89	56-125	
Indeno(1,2,3-cd)pyrene	ug/kg	333	296	89	56-124	
Naphthalene	ug/kg	333	235	70	52-112	
2-Fluorobiphenyl (S)	%			83	46-109	
p-Terphenyl-d14 (S)	%			97	43-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 720970 720971

Parameter	Units	5061483009		720971		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Benzo(a)anthracene	ug/kg	258	364	420	364	45	24	36-105	20	20	M0
Benzo(a)pyrene	ug/kg	313	364	437	364	34	11	34-113	21	20	M0,R1
Benzo(b)fluoranthene	ug/kg	333	364	453	364	33	11	33-111	19	20	M0
Benzo(k)fluoranthene	ug/kg	248	364	397	364	41	23	31-116	17	20	M0
Chrysene	ug/kg	320	364	444	364	34	12	34-109	20	20	M0
Dibenz(a,h)anthracene	ug/kg	114	364	237	364	34	27	32-111	11	20	M0
Indeno(1,2,3-cd)pyrene	ug/kg	240	364	352	364	31	15	27-113	18	20	M0
Naphthalene	ug/kg	ND	364	163	364	36	35	45-106	2	20	1d,M0
2-Fluorobiphenyl (S)	%					40	42	46-109		20	S4
p-Terphenyl-d14 (S)	%					46	43	43-107		20	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061445

QC Batch: PMST/6947

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 5061445001, 5061445002, 5061445003, 5061445004, 5061445005

SAMPLE DUPLICATE: 720693

Parameter	Units	5061300002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.0	17.6	4	5	

SAMPLE DUPLICATE: 720694

Parameter	Units	5061300016 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.6	17.6	6	5	R1

QUALIFIERS

Project: Hamilton Towing
Pace Project No.: 5061445

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| 1d | The sample was analyzed at dilution due to its physical characteristics. 4-19-12 RRB |
| L3 | Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias. |
| M0 | Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits. |
| R1 | RPD value was outside control limits. |
| S4 | Surrogate recovery not evaluated against control limits due to sample dilution. |

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Hamilton Towing
Pace Project No.: 5061445

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
5061445001	GP-11 10-15	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061445002	GP-12 10-15	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061445003	GP-13 5-10	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061445004	GP-14 0-5	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061445005	GP-17 0-5	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061445001	GP-11 10-15	EPA 8260	MSV/41349		
5061445002	GP-12 10-15	EPA 8260	MSV/41349		
5061445003	GP-13 5-10	EPA 8260	MSV/41349		
5061445004	GP-14 0-5	EPA 8260	MSV/41349		
5061445005	GP-17 0-5	EPA 8260	MSV/41349		
5061445001	GP-11 10-15	ASTM D2974-87	PMST/6947		
5061445002	GP-12 10-15	ASTM D2974-87	PMST/6947		
5061445003	GP-13 5-10	ASTM D2974-87	PMST/6947		
5061445004	GP-14 0-5	ASTM D2974-87	PMST/6947		
5061445005	GP-17 0-5	ASTM D2974-87	PMST/6947		

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

WUC
506/446

Section A
Required Client Information:

Company: **Wightman Petrie**
Address: **492 S. Lafayette**
Sr. Blvd, NW 46601
Email To: **cp@wightmanpetrie.com**
Phone: **571-232-4388** Fax: **571-232-4333**
Requested Due Date/TAT: _____

Section B
Required Project Information:

Report To: **C. Phifer**
Copy To: **A. Soons**
Purchase Order No.: _____
Project Name: **Hamm, Mon Towing**
Project Number: _____

Section C
Invoice Information:

Attention: **Kim Bowman**
Company Name: _____
Address: _____
City: _____ State: **VA**
Zip: _____
Site Location: _____
State: _____

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER

Page: **1** of **2**
1542312

ITEM #	Section D Required Client Information	Matrix Codes MATRIX CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB									
1	GP-11 0-5	DW			G	SLG	4/12/12 8:18						Hold 008
2	GP-11 5-10	WT			G	SLG	8:23						Hold 007
3	GP-11 10-15	WW			G	SLG	8:36						Hold 001
4	GP-11 15-20	P			G	SLG	8:56						Hold 008
5	GP-11 20-25	SL			G	SLG	9:01						Hold 009
6	GP-12 0-5	OL			G	SLG	9:45						Hold 010
7	GP-12 5-10	WP			G	SLG	9:49						Hold 011
8	GP-12 10-15	AR			G	SLG	9:55						Hold 000
9	GP-13 0-5	TS			G	SLG	10:10						Hold 012
10	GP-13 5-10	OT			G	SLG	10:16						Hold 003
11	GP-14 0-5				G	SLG	10:28						Hold 004
12	GP-14 5-10				G	SLG	10:32						Hold 013

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION: _____ DATE: 4/12/12 TIME: 4:52

ACCEPTED BY / AFFILIATION: *F. O'Connell / Pace* DATE: 4/13/12 TIME: 11:54 AM

SAMPLE CONDITIONS

Temp in °C: _____

Received on Ice (Y/N): _____

Sealed Cooler (Y/N): _____

Custody (Y/N): _____

Samples Intact (Y/N): _____

DATE SIGNED (MM/DD/YY): 04/12/12

PRINT NAME OF SAMPLER: **Andy Soons**

SIGNATURE OF SAMPLER: *[Signature]*

SAMPLER NAME AND SIGNATURE

WS / Fedex 2



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
 Required Client Information:
 Company: Wightman Petrie
 Address: 412 S Lafayette
S. Bend, IN 46601
 Email To: ep@wrightmanpetrie.com
 Phone: 574-232-4388 Fax: 574-232-4333
 Requested Due Date/TAT: _____

Section B
 Required Project Information:
 Report To: C. Phifer
 Copy To: A. Seans
 Purchase Order No.: _____
 Project Name: Hammilton Towing
 Project Number: _____

Section C
 Invoice Information:
 Attention: Kim Bowman
 Company Name: _____
 Address: _____
 Face Quote Reference: _____
 Face Project Manager: _____
 Face Profile #: _____

Page: 2 of 2
1542308

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____

Site Location
 STATE: IN

ITEM #	Section D Required Client Information	Section E Matrix Codes	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION		# OF CONTAINERS	Preservatives	Analysis Test	Residual Chlorine (Y/N)	Face Project No./ Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB			DATE	TIME					
13	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	DW Drinking Water			G	SL	4/12/12	10:30	5	Unpreserved	Analysis Test		Hold 014
14		WT Waste Water					4/12/12	10:32	5		VOCs PALS		Hold -ASS 005
15		P Product					4/12/12	10:48	5				Hold 015
16		SL Soil/Solid					4/12/12	10:55	5				Hold 016
17		OL Oil					4/12/12	11:00	5				Hold 017
18		WP Wipe					4/12/12	11:07	5				Hold 018
19		AR Air				WT			1	Recorder			
20		TS Tissue											
21		OT Other											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Temp in C	Received on	Ice (Y/N)	Custody	Sealed Cooler	Samples Intact
	<i>[Signature]</i>	4/12/12	4:52	<i>[Signature]</i>	4/13/12	1:54	Y	1.9	Y	Y	Y	Y	Y
								1.7					

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Andy Seans
 SIGNATURE of SAMPLER: *[Signature]*
 DATE Signed (MM/DD/YY): 04/12/12

Sample Condition Upon Receipt



Client Name: Wrightman Petrie Project # 5061445

Courier: Fed Ex UPS USPS Client Commercial Face Other

Tracking #: 8762 5748 4027

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Date/Time 5035A kits placed in freezer
4/13/12 1157

Packing Material: Bubble Wrap Bubble Bags None Other Ziplock

Thermometer Used 1 2 3 4 6 (A) B C D E

Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 1.9/1.7°C
(Corrected, if applicable)

Ice Visible in Sample Containers: yes no

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: RO 4/13/12

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5. <u>TC's</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, TOC, O&G	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Project Manager Review		
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
Sufficient Volume:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 4/13/12



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: <u>Wightman Petrie</u> Address: <u>412 S. Lafayette</u> <u>S. Bend, IN 46601</u> Email To: <u>info@wightmanpetrie.com</u> Phone: <u>574-232-4388</u> Fax: <u>574-212-4333</u> Requested Due Date/TAT: _____		Section B Required Project Information: Report To: <u>C. Pfyfer</u> Copy To: <u>A. Soens</u> Purchase Order No.: _____ Project Name: <u>Hamilton Towing</u> Project Number: _____		Section C Invoice Information: Attention: <u>Kim Bowman</u> Company Name: _____ Address: _____ Pace Quote Reference: _____ Pace Project Manager: _____ Pace Profile #: _____	
Regulatory Agency: _____ <input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____		Site Location: _____ STATE: <u>IN</u>		Page: <u>1</u> of <u>3</u> 1542310	

ITEM #	Matrix Codes MATRIX / CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	PRESERVATIVES		Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
		COMPOSITE START	COMPOSITE END/GRAB				DATE	TIME		
1	GP-9 0-5			G	SL	5	Unpreserved			100
2	GP-9 5-10									Hold -004
3	GP-9 10-15									Hold -007
4	GP-9 15-20									Hold -008
5	GP-9 20-25									Hold -004
6	GP-15 0-5									Hold -002
7	GP-15 5-10									Hold -010
8	GP-15 10-15									Hold -011
9	GP-16 0-5									Hold -012
10	GP-16 5-10									Hold -013
11	GP-16 10-15									Hold -003
12	GP-18 0-5									Hold -004

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION		ACCEPTED BY / AFFILIATION		DATE	TIME	Temp in C	Received on	Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	DATE	TIME	DATE	TIME							
					4/13/12	4:00		4/14/12	1037	Y	Y
							15				
							2-8				
							1.9				

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Andy Soens
 SIGNATURE of SAMPLER: [Signature]
 DATE Signed (MM/DD/YY): 04/13/12

WF/Fedex 2

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: <u>Wightman Petrie</u> Address: <u>412 S. Lafayette Ave</u> <u>S. Bend, IN 46601</u> Email To: <u>ep@wightmanpetrie.com</u> Phone: <u>574-232-4388</u> Fax: <u>574-232-4333</u> Requested Due Date/FAT: _____		Section B Required Project Information: Report To: <u>C. Phifer</u> Copy To: <u>A. Soens</u> Purchase Order No.: _____ Project Name: <u>Hamilton Towing</u> Project Number: _____		Section C Invoice Information: Attention: <u>Kim Bowman</u> Company Name: _____ Address: _____ Pace Quote Reference: _____ Pace Project Manager: _____ Pace Profile #: _____	
Regulatory Agency: _____ <input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____		Site Location: _____ STATE: <u>IN</u>		Page: <u>2</u> of <u>3</u> 1542311	

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
			COMPOSITE START	COMPOSITE ENDIGRAB								
13	GP-18 5-10	DW			G	SLG	4/12/12 12:26	5	✓			014
14	GP-18 10-15	WT			G	SLG	12:30		✓			015
15	GP-18 15-20	WW			G	SLG	12:35		✓			016
16	GP-18 20-25	P			G	SLG	12:41		✓			017
17	GP-19 0-5	SL			G	SLG	3:01		✓			018
18	GP-19 5-10	OL			G	SLG	3:06		✓			019
19	GP-19 10-15	WIP			G	SLG	3:12		✓			005
20	GP-2	AK			G	WTG	4/11/12 9:55		✓			020
21	GP-4	TS			G	WTG	4/11/12 11:20		✓			021
22	GP-6	OT			G	WTG	4/11/12 1:30		✓			022
23	GP-8				G	WTG	4/11/12 2:45		✓			023
24	GP-9				G	WTG	4/12/12 2:32		✓			024

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>[Signature]</i>	4/13/12	4:00	<i>[Signature]</i>	4/14/12	10:37	Y Y N
							Y Y N
							Y Y N
							Y Y N

Temp in °C	2.1	1.5	2.8	1.9
Received on				
Ice (Y/N)				
Custody Sealed Cooler (Y/N)				
Samples Intact (Y/N)				

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Andy Soens
 SIGNATURE of SAMPLER: *[Signature]*
 DATE Signed (MM/DD/YY): 04/13/12



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 3 of 3
1542315

Section A
 Required Client Information:
 Company: Wilton Petrie
 Address: 412 S. Lafayette
S. Bend, MN 56601
 Email To: COA@wiltonpetrie.com
 Phone: 571-272-4388 Fax: 571-272-4399
 Requested Due Date/TAT:

Section B
 Required Project Information:
 Report To: C. Phifer
 Copy To: A. Seans
 Purchase Order No.:
 Project Name: Hamilton Towing
 Project Number:

Section C
 Invoice Information:
 Attention: Kim Bowman
 Company Name:
 Address:
 Pace Quote Reference:
 Pace Project Manager:
 Pace Profile #:

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER

Site Location
 STATE: MINN

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	PRESERVATIVES	ANALYSIS TEST	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No. / Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB								
25	GP-11	DW	DATE	TIME	G	WT G	3	Unpreserved	X			5261485
26	GP-17	WW	4/12/12	9:21	G	WT G	3	HCl	X			-014
27	GP-18	P	4/12/12	11:25	G	WT G	3	NaOH	X			-015
28	Temp Blank	SL	4/12/12	1:00	G	WT G	3	H ₂ SO ₄	X			005
		OL						HNO ₃				-025
		WP						Other				-026
		AR						Methanol				-027
		TS						Na ₂ S ₂ O ₃				005
		OT						Other				-030

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION: [Signature] DATE: 4/13/12 TIME: 4:00

ACCEPTED BY / AFFILIATION: [Signature] DATE: 4/14/12 TIME: 10:37

Temp in °C: 2.1 1.5 2.8 1.9

Received on: Y Y Y Y

Sealed Cooler: Y Y Y Y

Custody (Y/N): Y Y Y Y

Samples Intact (Y/N): Y Y Y Y

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Andrew Speas
 SIGNATURE of SAMPLER: [Signature] DATE Signed (MM/DD/YY): 04/13/12

Sample Condition Upon Receipt



Client Name: Wrightman Petrie Project # 5061485

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: 8996 0344 2700

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Date/Time 5035A kits placed in freezer <u>4/14/12 1047</u>

Packing Material: Bubble Wrap Bubble Bags None Other Ziplock

Thermometer Used 12346 ABCD Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 2-1/15/2-8/19°C Ice Visible in Sample Containers: yes no

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: <u>KO 4/14/12</u>
--

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4. <u>Ko Wright</u>
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5. <u>TC's</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Containers Intact:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7. <u>GP-2 VOA 1 Broken</u>
Sample Labels match COC: -Includes date/time/ID/Analysis	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, TOC, O&G	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Project Manager Review		
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Kenneth Hunt Date: 4/14/12

Sample Container Count

CLIENT: Wrightman Petrie



COC PAGE 1 of 3

COC ID# _____

Project # 5061485

Sample Line Item	DG9H	AG1U	WGFU R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	Comments
1			1									
2			4									
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Container Codes

Container Code	Description	AF	Air Filter	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
DG9H	40mL HCL amber vial	AF	Air Filter	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
AG1U	1 liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
WG9U	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC

CLIENT: Wrightman Petrie

Sample Container Count



COC PAGE 2 of 3

COC ID# _____

Project # 506485

Amber
COE

Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	Comments
1													
2													
3													
4													
5													
6													
7													
8													1 broken
9													
10													
11													
12													

Container Codes

Container Code	Description	AF	Air Filter	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
DG9H	40mL HCL amber vial																											
AG1U	1 liter unpreserved amber glass	AG1H	1 liter HCL amber glass																									
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass																									
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl																									
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass																									
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass																									
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla																									
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla																									
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass																									
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass																									
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla																									
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass																									
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic																									

Sample Container Count

CLIENT: Wrightman Petric

COC PAGE 3 of 3

COC ID# _____

Project # 5061485

Per
Form



Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	Comments
1	3												
2	3												
3	3												
4													
5													
6													
7													
8													
9													
10													
11													
12													

Container Codes	AF	Air Filter	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
DG9H	40mL HCL	amber vov vial																									
AG1U	1liter unpreserved	amber glass																									
WGFU	4oz clear soil jar																										
R	terra core kit																										
BP2N	500mL HNO3 plastic																										
BP2U	500mL unpreserved plastic																										
BP2S	500mL H2SO4 plastic																										
BP3N	250mL HNO3 plastic																										
BP3U	250mL unpreserved plastic																										
BP3S	250mL H2SO4 plastic																										
AG3S	250mL H2SO4 glass amber																										
AG1S	1 liter H2SO4 amber glass																										
BP1U	1 liter unpreserved plastic																										

April 19, 2012

Mr. Conley Phifer
Wightman Petrie Environmental
412 S. Lafayette
South Bend, IN 46601

RE: Project: Hamilton Towing
Pace Project No.: 5061485

Dear Mr. Phifer:

Enclosed are the analytical results for sample(s) received by the laboratory on April 14, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lyle Cable

lyle.cable@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Hamilton Towing
Pace Project No.: 5061485

Indiana Certification IDs

7726 Moller Road, Indianapolis, IN 46268
Illinois Certification #: 200074
Indiana Certification #: C-49-06
Kansas Certification #: E-10247
Kentucky Certification #: 0042

Louisiana/NELAC Certification #: 04076
Ohio VAP: CL0065
Pennsylvania: 68-04991
West Virginia Certification #: 330

SAMPLE SUMMARY

Project: Hamilton Towing

Pace Project No.: 5061485

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5061485001	GP-9 0-5	Solid	04/12/12 13:58	04/14/12 10:37
5061485002	GP-15 0-5	Solid	04/12/12 11:56	04/14/12 10:37
5061485003	GP-16 10-15	Solid	04/12/12 13:37	04/14/12 10:37
5061485004	GP-18 0-5	Solid	04/12/12 12:22	04/14/12 10:37
5061485005	GP-19 10-15	Solid	04/12/12 15:12	04/14/12 10:37
5061485006	GP-9 5-10	Solid	04/12/12 14:02	04/14/12 10:37
5061485007	GP-9 10-15	Solid	04/12/12 14:04	04/14/12 10:37
5061485008	GP-9 15-20	Solid	04/12/12 14:07	04/14/12 10:37
5061485009	GP-9 20-25	Solid	04/12/12 14:12	04/14/12 10:37
5061485010	GP-15 5-10	Solid	04/12/12 12:00	04/14/12 10:37
5061485011	GP-15 10-15	Solid	04/12/12 12:01	04/14/12 10:37
5061485012	GP-16 0-5	Solid	04/12/12 13:30	04/14/12 10:37
5061485013	GP-16 5-10	Solid	04/12/12 13:30	04/14/12 10:37
5061485014	GP-18 5-10	Solid	04/12/12 12:26	04/14/12 10:37
5061485015	GP-18 10-15	Solid	04/12/12 12:30	04/14/12 10:37
5061485016	GP-18 15-20	Solid	04/12/12 12:35	04/14/12 10:37
5061485017	GP-18 20-25	Solid	04/12/12 12:41	04/14/12 10:37
5061485018	GP-19 0-5	Solid	04/12/12 15:01	04/14/12 10:37
5061485019	GP-19 5-10	Solid	04/12/12 15:06	04/14/12 10:37
5061485020	GP-2	Water	04/11/12 09:55	04/14/12 10:37
5061485021	GP-4	Water	04/11/12 11:30	04/14/12 10:37
5061485022	GP-6	Water	04/11/12 13:30	04/14/12 10:37
5061485023	GP-8	Water	04/11/12 14:45	04/14/12 10:37
5061485024	GP-9	Water	04/12/12 14:32	04/14/12 10:37
5061485025	GP-11	Water	04/12/12 09:21	04/14/12 10:37
5061485026	GP-17	Water	04/12/12 11:25	04/14/12 10:37
5061485027	GP-18	Water	04/12/12 13:00	04/14/12 10:37

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Hamilton Towing
Pace Project No.: 5061485

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5061485001	GP-9 0-5	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061485002	GP-15 0-5	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061485003	GP-16 10-15	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061485004	GP-18 0-5	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061485005	GP-19 10-15	EPA 8270 by SIM	RRB	10
		EPA 8260	ALA	73
		ASTM D2974-87	DAE	1
5061485006	GP-9 5-10	ASTM D2974-87	DAE	1
5061485007	GP-9 10-15	ASTM D2974-87	DAE	1
5061485008	GP-9 15-20	ASTM D2974-87	DAE	1
5061485009	GP-9 20-25	ASTM D2974-87	DAE	1
5061485010	GP-15 5-10	ASTM D2974-87	DAE	1
5061485011	GP-15 10-15	ASTM D2974-87	DAE	1
5061485012	GP-16 0-5	ASTM D2974-87	DAE	1
5061485013	GP-16 5-10	ASTM D2974-87	DAE	1
5061485014	GP-18 5-10	ASTM D2974-87	DAE	1
5061485015	GP-18 10-15	ASTM D2974-87	DAE	1
5061485016	GP-18 15-20	ASTM D2974-87	DAE	1
5061485017	GP-18 20-25	ASTM D2974-87	DAE	1
5061485018	GP-19 0-5	ASTM D2974-87	DAE	1
5061485019	GP-19 5-10	ASTM D2974-87	DAE	1
5061485020	GP-2	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73
5061485021	GP-4	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73
5061485022	GP-6	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73
5061485023	GP-8	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Hamilton Towing

Pace Project No.: 5061485

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5061485024	GP-9	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73
5061485025	GP-11	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73
5061485026	GP-17	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73
5061485027	GP-18	EPA 8270 by SIM LVE	CEM	10
		EPA 8260	ALA	73

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-9 0-5 **Lab ID: 5061485001** Collected: 04/12/12 13:58 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	207-08-9	
Chrysene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	193-39-5	
Naphthalene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:36	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	75 %.		46-109	1	04/16/12 11:20	04/18/12 05:36	321-60-8	
p-Terphenyl-d14 (S)	84 %.		43-107	1	04/16/12 11:20	04/18/12 05:36	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	89.6	1		04/17/12 01:42	67-64-1	
Acrolein	ND	ug/kg	89.6	1		04/17/12 01:42	107-02-8	
Acrylonitrile	ND	ug/kg	89.6	1		04/17/12 01:42	107-13-1	
Benzene	ND	ug/kg	4.5	1		04/17/12 01:42	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		04/17/12 01:42	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		04/17/12 01:42	75-27-4	
Bromoform	ND	ug/kg	4.5	1		04/17/12 01:42	75-25-2	
Bromomethane	ND	ug/kg	4.5	1		04/17/12 01:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22.4	1		04/17/12 01:42	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	98-06-6	
Carbon disulfide	ND	ug/kg	9.0	1		04/17/12 01:42	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.5	1		04/17/12 01:42	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	108-90-7	
Chloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	75-00-3	
Chloroform	ND	ug/kg	4.5	1		04/17/12 01:42	67-66-3	
Chloromethane	ND	ug/kg	4.5	1		04/17/12 01:42	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		04/17/12 01:42	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		04/17/12 01:42	106-43-4	
Dibromochloromethane	ND	ug/kg	4.5	1		04/17/12 01:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		04/17/12 01:42	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		04/17/12 01:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	89.6	1		04/17/12 01:42	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.5	1		04/17/12 01:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		04/17/12 01:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		04/17/12 01:42	156-59-2	

Date: 04/19/2012 04:31 PM

REPORT OF LABORATORY ANALYSIS

Page 6 of 63

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-9 0-5 **Lab ID:** 5061485001 Collected: 04/12/12 13:58 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		04/17/12 01:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		04/17/12 01:42	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		04/17/12 01:42	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		04/17/12 01:42	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		04/17/12 01:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		04/17/12 01:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		04/17/12 01:42	10061-02-6	
Ethylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	100-41-4	
Ethyl methacrylate	ND	ug/kg	89.6	1		04/17/12 01:42	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		04/17/12 01:42	87-68-3	
n-Hexane	ND	ug/kg	4.5	1		04/17/12 01:42	110-54-3	
2-Hexanone	ND	ug/kg	89.6	1		04/17/12 01:42	591-78-6	
Iodomethane	ND	ug/kg	89.6	1		04/17/12 01:42	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1		04/17/12 01:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1		04/17/12 01:42	99-87-6	
Methylene Chloride	ND	ug/kg	17.9	1		04/17/12 01:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	22.4	1		04/17/12 01:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1		04/17/12 01:42	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1		04/17/12 01:42	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	103-65-1	
Styrene	ND	ug/kg	4.5	1		04/17/12 01:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		04/17/12 01:42	127-18-4	
Toluene	ND	ug/kg	4.5	1		04/17/12 01:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		04/17/12 01:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		04/17/12 01:42	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		04/17/12 01:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		04/17/12 01:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		04/17/12 01:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1		04/17/12 01:42	108-67-8	
Vinyl acetate	ND	ug/kg	89.6	1		04/17/12 01:42	108-05-4	
Vinyl chloride	ND	ug/kg	4.5	1		04/17/12 01:42	75-01-4	
Xylene (Total)	ND	ug/kg	9.0	1		04/17/12 01:42	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105 %		71-125	1		04/17/12 01:42	1868-53-7	
Toluene-d8 (S)	102 %		76-124	1		04/17/12 01:42	2037-26-5	
4-Bromofluorobenzene (S)	97 %		67-134	1		04/17/12 01:42	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	10.7 %		0.10	1		04/16/12 17:41		
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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-15 0-5 **Lab ID:** 5061485002 Collected: 04/12/12 11:56 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	207-08-9	
Chrysene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	193-39-5	
Naphthalene	ND	ug/kg	5.6	1	04/16/12 11:20	04/18/12 05:54	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	74 %.		46-109	1	04/16/12 11:20	04/18/12 05:54	321-60-8	
p-Terphenyl-d14 (S)	85 %.		43-107	1	04/16/12 11:20	04/18/12 05:54	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	87.1	1		04/17/12 02:16	67-64-1	
Acrolein	ND	ug/kg	87.1	1		04/17/12 02:16	107-02-8	
Acrylonitrile	ND	ug/kg	87.1	1		04/17/12 02:16	107-13-1	
Benzene	ND	ug/kg	4.4	1		04/17/12 02:16	71-43-2	
Bromobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	1		04/17/12 02:16	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	1		04/17/12 02:16	75-27-4	
Bromoform	ND	ug/kg	4.4	1		04/17/12 02:16	75-25-2	
Bromomethane	ND	ug/kg	4.4	1		04/17/12 02:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.8	1		04/17/12 02:16	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	98-06-6	
Carbon disulfide	ND	ug/kg	8.7	1		04/17/12 02:16	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.4	1		04/17/12 02:16	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	108-90-7	
Chloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	75-00-3	
Chloroform	ND	ug/kg	4.4	1		04/17/12 02:16	67-66-3	
Chloromethane	ND	ug/kg	4.4	1		04/17/12 02:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.4	1		04/17/12 02:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.4	1		04/17/12 02:16	106-43-4	
Dibromochloromethane	ND	ug/kg	4.4	1		04/17/12 02:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		04/17/12 02:16	106-93-4	
Dibromomethane	ND	ug/kg	4.4	1		04/17/12 02:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	87.1	1		04/17/12 02:16	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.4	1		04/17/12 02:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.4	1		04/17/12 02:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		04/17/12 02:16	156-59-2	

Date: 04/19/2012 04:31 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-15 0-5 **Lab ID:** 5061485002 Collected: 04/12/12 11:56 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		04/17/12 02:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		04/17/12 02:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.4	1		04/17/12 02:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.4	1		04/17/12 02:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.4	1		04/17/12 02:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		04/17/12 02:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		04/17/12 02:16	10061-02-6	
Ethylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	100-41-4	
Ethyl methacrylate	ND	ug/kg	87.1	1		04/17/12 02:16	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1		04/17/12 02:16	87-68-3	
n-Hexane	ND	ug/kg	4.4	1		04/17/12 02:16	110-54-3	
2-Hexanone	ND	ug/kg	87.1	1		04/17/12 02:16	591-78-6	
Iodomethane	ND	ug/kg	87.1	1		04/17/12 02:16	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		04/17/12 02:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		04/17/12 02:16	99-87-6	
Methylene Chloride	ND	ug/kg	17.4	1		04/17/12 02:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.8	1		04/17/12 02:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		04/17/12 02:16	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		04/17/12 02:16	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	103-65-1	
Styrene	ND	ug/kg	4.4	1		04/17/12 02:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		04/17/12 02:16	127-18-4	
Toluene	ND	ug/kg	4.4	1		04/17/12 02:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		04/17/12 02:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		04/17/12 02:16	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		04/17/12 02:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1		04/17/12 02:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1		04/17/12 02:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		04/17/12 02:16	108-67-8	
Vinyl acetate	ND	ug/kg	87.1	1		04/17/12 02:16	108-05-4	
Vinyl chloride	ND	ug/kg	4.4	1		04/17/12 02:16	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1		04/17/12 02:16	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	108 %		71-125	1		04/17/12 02:16	1868-53-7	
Toluene-d8 (S)	103 %		76-124	1		04/17/12 02:16	2037-26-5	
4-Bromofluorobenzene (S)	98 %		67-134	1		04/17/12 02:16	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	11.0 %		0.10	1		04/16/12 17:42		
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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-16 10-15 **Lab ID: 5061485003** Collected: 04/12/12 13:37 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	9.8	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	56-55-3	
Benzo(a)pyrene	12.7	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	50-32-8	
Benzo(b)fluoranthene	12.3	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	205-99-2	
Benzo(k)fluoranthene	13.4	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	207-08-9	
Chrysene	10.2	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	218-01-9	
Dibenz(a,h)anthracene	15.5	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	53-70-3	
Indeno(1,2,3-cd)pyrene	15.4	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	193-39-5	
Naphthalene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:12	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	74	%	46-109	1	04/16/12 11:20	04/18/12 06:12	321-60-8	
p-Terphenyl-d14 (S)	82	%	43-107	1	04/16/12 11:20	04/18/12 06:12	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	93.9	1		04/17/12 02:49	67-64-1	
Acrolein	ND	ug/kg	93.9	1		04/17/12 02:49	107-02-8	
Acrylonitrile	ND	ug/kg	93.9	1		04/17/12 02:49	107-13-1	
Benzene	ND	ug/kg	4.7	1		04/17/12 02:49	71-43-2	
Bromobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	1		04/17/12 02:49	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	1		04/17/12 02:49	75-27-4	
Bromoform	ND	ug/kg	4.7	1		04/17/12 02:49	75-25-2	
Bromomethane	ND	ug/kg	4.7	1		04/17/12 02:49	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.5	1		04/17/12 02:49	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	98-06-6	
Carbon disulfide	ND	ug/kg	9.4	1		04/17/12 02:49	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.7	1		04/17/12 02:49	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	108-90-7	
Chloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	75-00-3	
Chloroform	ND	ug/kg	4.7	1		04/17/12 02:49	67-66-3	
Chloromethane	ND	ug/kg	4.7	1		04/17/12 02:49	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.7	1		04/17/12 02:49	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.7	1		04/17/12 02:49	106-43-4	
Dibromochloromethane	ND	ug/kg	4.7	1		04/17/12 02:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1		04/17/12 02:49	106-93-4	
Dibromomethane	ND	ug/kg	4.7	1		04/17/12 02:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	93.9	1		04/17/12 02:49	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.7	1		04/17/12 02:49	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.7	1		04/17/12 02:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		04/17/12 02:49	156-59-2	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-16 10-15 **Lab ID:** 5061485003 Collected: 04/12/12 13:37 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		04/17/12 02:49	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		04/17/12 02:49	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.7	1		04/17/12 02:49	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.7	1		04/17/12 02:49	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.7	1		04/17/12 02:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		04/17/12 02:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		04/17/12 02:49	10061-02-6	
Ethylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	100-41-4	
Ethyl methacrylate	ND	ug/kg	93.9	1		04/17/12 02:49	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1		04/17/12 02:49	87-68-3	
n-Hexane	ND	ug/kg	4.7	1		04/17/12 02:49	110-54-3	
2-Hexanone	ND	ug/kg	93.9	1		04/17/12 02:49	591-78-6	
Iodomethane	ND	ug/kg	93.9	1		04/17/12 02:49	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		04/17/12 02:49	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		04/17/12 02:49	99-87-6	
Methylene Chloride	ND	ug/kg	18.8	1		04/17/12 02:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.5	1		04/17/12 02:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		04/17/12 02:49	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		04/17/12 02:49	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	103-65-1	
Styrene	ND	ug/kg	4.7	1		04/17/12 02:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		04/17/12 02:49	127-18-4	
Toluene	ND	ug/kg	4.7	1		04/17/12 02:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		04/17/12 02:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		04/17/12 02:49	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		04/17/12 02:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1		04/17/12 02:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1		04/17/12 02:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		04/17/12 02:49	108-67-8	
Vinyl acetate	ND	ug/kg	93.9	1		04/17/12 02:49	108-05-4	
Vinyl chloride	ND	ug/kg	4.7	1		04/17/12 02:49	75-01-4	
Xylene (Total)	ND	ug/kg	9.4	1		04/17/12 02:49	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106 %.		71-125	1		04/17/12 02:49	1868-53-7	
Toluene-d8 (S)	102 %.		76-124	1		04/17/12 02:49	2037-26-5	
4-Bromofluorobenzene (S)	95 %.		67-134	1		04/17/12 02:49	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	2.8 %		0.10	1		04/16/12 17:42		
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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-18 0-5 **Lab ID:** 5061485004 Collected: 04/12/12 12:22 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	207-08-9	
Chrysene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	193-39-5	
Naphthalene	ND	ug/kg	5.2	1	04/16/12 11:20	04/18/12 06:30	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	76 %.		46-109	1	04/16/12 11:20	04/18/12 06:30	321-60-8	
p-Terphenyl-d14 (S)	88 %.		43-107	1	04/16/12 11:20	04/18/12 06:30	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	92.3	1		04/17/12 03:23	67-64-1	
Acrolein	ND	ug/kg	92.3	1		04/17/12 03:23	107-02-8	
Acrylonitrile	ND	ug/kg	92.3	1		04/17/12 03:23	107-13-1	
Benzene	ND	ug/kg	4.6	1		04/17/12 03:23	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		04/17/12 03:23	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		04/17/12 03:23	75-27-4	
Bromoform	ND	ug/kg	4.6	1		04/17/12 03:23	75-25-2	
Bromomethane	ND	ug/kg	4.6	1		04/17/12 03:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	23.1	1		04/17/12 03:23	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	98-06-6	
Carbon disulfide	ND	ug/kg	9.2	1		04/17/12 03:23	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.6	1		04/17/12 03:23	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	108-90-7	
Chloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	75-00-3	
Chloroform	ND	ug/kg	4.6	1		04/17/12 03:23	67-66-3	
Chloromethane	ND	ug/kg	4.6	1		04/17/12 03:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		04/17/12 03:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		04/17/12 03:23	106-43-4	
Dibromochloromethane	ND	ug/kg	4.6	1		04/17/12 03:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		04/17/12 03:23	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		04/17/12 03:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	92.3	1		04/17/12 03:23	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.6	1		04/17/12 03:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		04/17/12 03:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		04/17/12 03:23	156-59-2	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-18 0-5 **Lab ID:** 5061485004 Collected: 04/12/12 12:22 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		04/17/12 03:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		04/17/12 03:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		04/17/12 03:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		04/17/12 03:23	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		04/17/12 03:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		04/17/12 03:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		04/17/12 03:23	10061-02-6	
Ethylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	100-41-4	
Ethyl methacrylate	ND	ug/kg	92.3	1		04/17/12 03:23	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		04/17/12 03:23	87-68-3	
n-Hexane	ND	ug/kg	4.6	1		04/17/12 03:23	110-54-3	
2-Hexanone	ND	ug/kg	92.3	1		04/17/12 03:23	591-78-6	
Iodomethane	ND	ug/kg	92.3	1		04/17/12 03:23	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		04/17/12 03:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		04/17/12 03:23	99-87-6	
Methylene Chloride	ND	ug/kg	18.5	1		04/17/12 03:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	23.1	1		04/17/12 03:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		04/17/12 03:23	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		04/17/12 03:23	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	103-65-1	
Styrene	ND	ug/kg	4.6	1		04/17/12 03:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		04/17/12 03:23	127-18-4	
Toluene	ND	ug/kg	4.6	1		04/17/12 03:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		04/17/12 03:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		04/17/12 03:23	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		04/17/12 03:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		04/17/12 03:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		04/17/12 03:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		04/17/12 03:23	108-67-8	
Vinyl acetate	ND	ug/kg	92.3	1		04/17/12 03:23	108-05-4	
Vinyl chloride	ND	ug/kg	4.6	1		04/17/12 03:23	75-01-4	
Xylene (Total)	ND	ug/kg	9.2	1		04/17/12 03:23	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102 %.		71-125	1		04/17/12 03:23	1868-53-7	
Toluene-d8 (S)	103 %.		76-124	1		04/17/12 03:23	2037-26-5	
4-Bromofluorobenzene (S)	93 %.		67-134	1		04/17/12 03:23	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	3.1 %		0.10	1		04/16/12 17:42		
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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-19 10-15 **Lab ID: 5061485005** Collected: 04/12/12 15:12 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAH by SIM		Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546						
Benzo(a)anthracene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	56-55-3	
Benzo(a)pyrene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	207-08-9	
Chrysene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	193-39-5	
Naphthalene	ND	ug/kg	5.1	1	04/16/12 11:20	04/18/12 06:48	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	82 %.		46-109	1	04/16/12 11:20	04/18/12 06:48	321-60-8	
p-Terphenyl-d14 (S)	92 %.		43-107	1	04/16/12 11:20	04/18/12 06:48	1718-51-0	
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND	ug/kg	85.1	1		04/17/12 03:57	67-64-1	
Acrolein	ND	ug/kg	85.1	1		04/17/12 03:57	107-02-8	
Acrylonitrile	ND	ug/kg	85.1	1		04/17/12 03:57	107-13-1	
Benzene	ND	ug/kg	4.3	1		04/17/12 03:57	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1		04/17/12 03:57	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1		04/17/12 03:57	75-27-4	
Bromoform	ND	ug/kg	4.3	1		04/17/12 03:57	75-25-2	
Bromomethane	ND	ug/kg	4.3	1		04/17/12 03:57	74-83-9	
2-Butanone (MEK)	ND	ug/kg	21.3	1		04/17/12 03:57	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	98-06-6	
Carbon disulfide	ND	ug/kg	8.5	1		04/17/12 03:57	75-15-0	
Carbon tetrachloride	ND	ug/kg	4.3	1		04/17/12 03:57	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	108-90-7	
Chloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	75-00-3	
Chloroform	ND	ug/kg	4.3	1		04/17/12 03:57	67-66-3	
Chloromethane	ND	ug/kg	4.3	1		04/17/12 03:57	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		04/17/12 03:57	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		04/17/12 03:57	106-43-4	
Dibromochloromethane	ND	ug/kg	4.3	1		04/17/12 03:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		04/17/12 03:57	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		04/17/12 03:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/kg	85.1	1		04/17/12 03:57	110-57-6	
Dichlorodifluoromethane	ND	ug/kg	4.3	1		04/17/12 03:57	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		04/17/12 03:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		04/17/12 03:57	156-59-2	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-19 10-15 **Lab ID: 5061485005** Collected: 04/12/12 15:12 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		04/17/12 03:57	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		04/17/12 03:57	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		04/17/12 03:57	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		04/17/12 03:57	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		04/17/12 03:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		04/17/12 03:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		04/17/12 03:57	10061-02-6	
Ethylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	100-41-4	
Ethyl methacrylate	ND	ug/kg	85.1	1		04/17/12 03:57	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		04/17/12 03:57	87-68-3	
n-Hexane	ND	ug/kg	4.3	1		04/17/12 03:57	110-54-3	
2-Hexanone	ND	ug/kg	85.1	1		04/17/12 03:57	591-78-6	
Iodomethane	ND	ug/kg	85.1	1		04/17/12 03:57	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		04/17/12 03:57	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		04/17/12 03:57	99-87-6	
Methylene Chloride	ND	ug/kg	17.0	1		04/17/12 03:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	21.3	1		04/17/12 03:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		04/17/12 03:57	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1		04/17/12 03:57	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	103-65-1	
Styrene	ND	ug/kg	4.3	1		04/17/12 03:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		04/17/12 03:57	127-18-4	
Toluene	ND	ug/kg	4.3	1		04/17/12 03:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		04/17/12 03:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		04/17/12 03:57	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		04/17/12 03:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		04/17/12 03:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		04/17/12 03:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		04/17/12 03:57	108-67-8	
Vinyl acetate	ND	ug/kg	85.1	1		04/17/12 03:57	108-05-4	
Vinyl chloride	ND	ug/kg	4.3	1		04/17/12 03:57	75-01-4	
Xylene (Total)	ND	ug/kg	8.5	1		04/17/12 03:57	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	101 %		71-125	1		04/17/12 03:57	1868-53-7	
Toluene-d8 (S)	102 %		76-124	1		04/17/12 03:57	2037-26-5	
4-Bromofluorobenzene (S)	94 %		67-134	1		04/17/12 03:57	460-00-4	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture	2.9 %		0.10	1		04/16/12 17:42		
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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-9 5-10 **Lab ID: 5061485006** Collected: 04/12/12 14:02 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.3	%	0.10	1		04/16/12 17:42		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-9 10-15 **Lab ID: 5061485007** Collected: 04/12/12 14:04 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	2.5	%	0.10	1		04/16/12 17:42		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-9 15-20 **Lab ID: 5061485008** Collected: 04/12/12 14:07 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture								
Analytical Method: ASTM D2974-87								
Percent Moisture	4.2 %		0.10	1		04/16/12 17:42		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-9 20-25 **Lab ID: 5061485009** Collected: 04/12/12 14:12 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	2.9	%	0.10	1		04/16/12 17:42		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-15 5-10 **Lab ID: 5061485010** Collected: 04/12/12 12:00 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	5.3	%	0.10	1		04/16/12 17:42		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-15 10-15 **Lab ID: 5061485011** Collected: 04/12/12 12:01 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	2.2	%	0.10	1		04/16/12 17:43		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-16 0-5 **Lab ID: 5061485012** Collected: 04/12/12 13:30 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	14.0	%	0.10	1		04/16/12 17:43		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-16 5-10 **Lab ID: 5061485013** Collected: 04/12/12 13:30 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	4.0	%	0.10	1		04/16/12 17:43		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-18 5-10 **Lab ID: 5061485014** Collected: 04/12/12 12:26 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	3.3	%	0.10	1		04/16/12 17:43		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-18 10-15 **Lab ID: 5061485015** Collected: 04/12/12 12:30 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	2.9	%	0.10	1		04/16/12 17:43		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-18 15-20 **Lab ID: 5061485016** Collected: 04/12/12 12:35 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture								
Analytical Method: ASTM D2974-87								
Percent Moisture	2.2	%	0.10	1		04/16/12 17:43		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-18 20-25 **Lab ID: 5061485017** Collected: 04/12/12 12:41 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture								
Analytical Method: ASTM D2974-87								
Percent Moisture	2.0	%	0.10	1		04/16/12 17:43		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-19 0-5 **Lab ID: 5061485018** Collected: 04/12/12 15:01 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	11.1	%	0.10	1		04/16/12 17:43		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-19 5-10 **Lab ID: 5061485019** Collected: 04/12/12 15:06 Received: 04/14/12 10:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	4.1	%	0.10	1		04/16/12 17:43		

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-2	Lab ID: 5061485020	Collected: 04/11/12 09:55	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV								
Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510								
Benzo(a)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 14:43	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 14:43	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 14:43	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 14:43	207-08-9	
Chrysene	ND ug/L		0.50	1	04/16/12 14:10	04/17/12 14:43	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 14:43	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 14:43	193-39-5	
Naphthalene	ND ug/L		1.0	1	04/16/12 14:10	04/17/12 14:43	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	77 %.		26-106	1	04/16/12 14:10	04/17/12 14:43	321-60-8	
p-Terphenyl-d14 (S)	77 %.		16-111	1	04/16/12 14:10	04/17/12 14:43	1718-51-0	
8260 MSV								
Analytical Method: EPA 8260								
Acetone	ND ug/L		100	1		04/17/12 13:40	67-64-1	
Acrolein	ND ug/L		50.0	1		04/17/12 13:40	107-02-8	
Acrylonitrile	ND ug/L		100	1		04/17/12 13:40	107-13-1	
Benzene	ND ug/L		5.0	1		04/17/12 13:40	71-43-2	
Bromobenzene	ND ug/L		5.0	1		04/17/12 13:40	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		04/17/12 13:40	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		04/17/12 13:40	75-27-4	
Bromoform	ND ug/L		5.0	1		04/17/12 13:40	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/17/12 13:40	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		04/17/12 13:40	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		04/17/12 13:40	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		04/17/12 13:40	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		04/17/12 13:40	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		04/17/12 13:40	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		04/17/12 13:40	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		04/17/12 13:40	108-90-7	
Chloroethane	ND ug/L		5.0	1		04/17/12 13:40	75-00-3	
Chloroform	ND ug/L		5.0	1		04/17/12 13:40	67-66-3	
Chloromethane	ND ug/L		5.0	1		04/17/12 13:40	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		04/17/12 13:40	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		04/17/12 13:40	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		04/17/12 13:40	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		04/17/12 13:40	106-93-4	
Dibromomethane	ND ug/L		5.0	1		04/17/12 13:40	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 13:40	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 13:40	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 13:40	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		04/17/12 13:40	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		04/17/12 13:40	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		04/17/12 13:40	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		04/17/12 13:40	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		04/17/12 13:40	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 13:40	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 13:40	156-60-5	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-2	Lab ID: 5061485020	Collected: 04/11/12 09:55	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
1,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 13:40	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		04/17/12 13:40	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 13:40	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		04/17/12 13:40	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 13:40	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 13:40	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		04/17/12 13:40	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		04/17/12 13:40	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		04/17/12 13:40	87-68-3	
n-Hexane	ND ug/L		5.0	1		04/17/12 13:40	110-54-3	N2
2-Hexanone	ND ug/L		25.0	1		04/17/12 13:40	591-78-6	
Iodomethane	ND ug/L		10.0	1		04/17/12 13:40	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		04/17/12 13:40	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		04/17/12 13:40	99-87-6	
Methylene Chloride	ND ug/L		5.0	1		04/17/12 13:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		04/17/12 13:40	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		04/17/12 13:40	1634-04-4	
Naphthalene	ND ug/L		5.0	1		04/17/12 13:40	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		04/17/12 13:40	103-65-1	
Styrene	ND ug/L		5.0	1		04/17/12 13:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 13:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 13:40	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		04/17/12 13:40	127-18-4	
Toluene	ND ug/L		5.0	1		04/17/12 13:40	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 13:40	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 13:40	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		04/17/12 13:40	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		04/17/12 13:40	79-00-5	
Trichloroethene	ND ug/L		5.0	1		04/17/12 13:40	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		04/17/12 13:40	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		04/17/12 13:40	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 13:40	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 13:40	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		04/17/12 13:40	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		04/17/12 13:40	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		04/17/12 13:40	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104 %.		83-123	1		04/17/12 13:40	1868-53-7	
4-Bromofluorobenzene (S)	90 %.		72-125	1		04/17/12 13:40	460-00-4	
Toluene-d8 (S)	100 %.		81-114	1		04/17/12 13:40	2037-26-5	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-4	Lab ID: 5061485021	Collected: 04/11/12 11:30	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV								
Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510								
Benzo(a)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:01	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:01	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:01	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:01	207-08-9	
Chrysene	ND ug/L		0.50	1	04/16/12 14:10	04/17/12 15:01	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:01	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:01	193-39-5	
Naphthalene	ND ug/L		1.0	1	04/16/12 14:10	04/17/12 15:01	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	78 %.		26-106	1	04/16/12 14:10	04/17/12 15:01	321-60-8	
p-Terphenyl-d14 (S)	82 %.		16-111	1	04/16/12 14:10	04/17/12 15:01	1718-51-0	
8260 MSV								
Analytical Method: EPA 8260								
Acetone	ND ug/L		100	1		04/17/12 06:13	67-64-1	
Acrolein	ND ug/L		50.0	1		04/17/12 06:13	107-02-8	
Acrylonitrile	ND ug/L		100	1		04/17/12 06:13	107-13-1	
Benzene	ND ug/L		5.0	1		04/17/12 06:13	71-43-2	
Bromobenzene	ND ug/L		5.0	1		04/17/12 06:13	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		04/17/12 06:13	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		04/17/12 06:13	75-27-4	
Bromoform	ND ug/L		5.0	1		04/17/12 06:13	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/17/12 06:13	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		04/17/12 06:13	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		04/17/12 06:13	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		04/17/12 06:13	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		04/17/12 06:13	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		04/17/12 06:13	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		04/17/12 06:13	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		04/17/12 06:13	108-90-7	
Chloroethane	ND ug/L		5.0	1		04/17/12 06:13	75-00-3	
Chloroform	ND ug/L		5.0	1		04/17/12 06:13	67-66-3	
Chloromethane	ND ug/L		5.0	1		04/17/12 06:13	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		04/17/12 06:13	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		04/17/12 06:13	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		04/17/12 06:13	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		04/17/12 06:13	106-93-4	
Dibromomethane	ND ug/L		5.0	1		04/17/12 06:13	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 06:13	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 06:13	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 06:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		04/17/12 06:13	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		04/17/12 06:13	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		04/17/12 06:13	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		04/17/12 06:13	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		04/17/12 06:13	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 06:13	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 06:13	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-4	Lab ID: 5061485021	Collected: 04/11/12 11:30	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
1,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 06:13	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		04/17/12 06:13	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 06:13	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		04/17/12 06:13	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 06:13	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 06:13	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		04/17/12 06:13	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		04/17/12 06:13	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		04/17/12 06:13	87-68-3	
n-Hexane	ND ug/L		5.0	1		04/17/12 06:13	110-54-3	N2
2-Hexanone	ND ug/L		25.0	1		04/17/12 06:13	591-78-6	
Iodomethane	ND ug/L		10.0	1		04/17/12 06:13	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		04/17/12 06:13	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		04/17/12 06:13	99-87-6	
Methylene Chloride	ND ug/L		5.0	1		04/17/12 06:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		04/17/12 06:13	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		04/17/12 06:13	1634-04-4	
Naphthalene	ND ug/L		5.0	1		04/17/12 06:13	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		04/17/12 06:13	103-65-1	
Styrene	ND ug/L		5.0	1		04/17/12 06:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 06:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 06:13	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		04/17/12 06:13	127-18-4	
Toluene	ND ug/L		5.0	1		04/17/12 06:13	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 06:13	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 06:13	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		04/17/12 06:13	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		04/17/12 06:13	79-00-5	
Trichloroethene	ND ug/L		5.0	1		04/17/12 06:13	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		04/17/12 06:13	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		04/17/12 06:13	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 06:13	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 06:13	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		04/17/12 06:13	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		04/17/12 06:13	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		04/17/12 06:13	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106 %.		83-123	1		04/17/12 06:13	1868-53-7	
4-Bromofluorobenzene (S)	99 %.		72-125	1		04/17/12 06:13	460-00-4	
Toluene-d8 (S)	102 %.		81-114	1		04/17/12 06:13	2037-26-5	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-6	Lab ID: 5061485022	Collected: 04/11/12 13:30	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV								
Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510								
Benzo(a)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:19	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:19	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:19	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:19	207-08-9	
Chrysene	ND ug/L		0.50	1	04/16/12 14:10	04/17/12 15:19	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:19	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:19	193-39-5	
Naphthalene	ND ug/L		1.0	1	04/16/12 14:10	04/17/12 15:19	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	76 %.		26-106	1	04/16/12 14:10	04/17/12 15:19	321-60-8	
p-Terphenyl-d14 (S)	79 %.		16-111	1	04/16/12 14:10	04/17/12 15:19	1718-51-0	
8260 MSV								
Analytical Method: EPA 8260								
Acetone	ND ug/L		100	1		04/17/12 06:47	67-64-1	
Acrolein	ND ug/L		50.0	1		04/17/12 06:47	107-02-8	
Acrylonitrile	ND ug/L		100	1		04/17/12 06:47	107-13-1	
Benzene	ND ug/L		5.0	1		04/17/12 06:47	71-43-2	
Bromobenzene	ND ug/L		5.0	1		04/17/12 06:47	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		04/17/12 06:47	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		04/17/12 06:47	75-27-4	
Bromoform	ND ug/L		5.0	1		04/17/12 06:47	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/17/12 06:47	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		04/17/12 06:47	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		04/17/12 06:47	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		04/17/12 06:47	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		04/17/12 06:47	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		04/17/12 06:47	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		04/17/12 06:47	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		04/17/12 06:47	108-90-7	
Chloroethane	ND ug/L		5.0	1		04/17/12 06:47	75-00-3	
Chloroform	ND ug/L		5.0	1		04/17/12 06:47	67-66-3	
Chloromethane	ND ug/L		5.0	1		04/17/12 06:47	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		04/17/12 06:47	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		04/17/12 06:47	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		04/17/12 06:47	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		04/17/12 06:47	106-93-4	
Dibromomethane	ND ug/L		5.0	1		04/17/12 06:47	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 06:47	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 06:47	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 06:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		04/17/12 06:47	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		04/17/12 06:47	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		04/17/12 06:47	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		04/17/12 06:47	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		04/17/12 06:47	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 06:47	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 06:47	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-6	Lab ID: 5061485022	Collected: 04/11/12 13:30	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
1,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 06:47	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		04/17/12 06:47	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 06:47	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		04/17/12 06:47	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 06:47	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 06:47	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		04/17/12 06:47	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		04/17/12 06:47	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		04/17/12 06:47	87-68-3	
n-Hexane	ND ug/L		5.0	1		04/17/12 06:47	110-54-3	N2
2-Hexanone	ND ug/L		25.0	1		04/17/12 06:47	591-78-6	
Iodomethane	ND ug/L		10.0	1		04/17/12 06:47	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		04/17/12 06:47	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		04/17/12 06:47	99-87-6	
Methylene Chloride	ND ug/L		5.0	1		04/17/12 06:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		04/17/12 06:47	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		04/17/12 06:47	1634-04-4	
Naphthalene	ND ug/L		5.0	1		04/17/12 06:47	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		04/17/12 06:47	103-65-1	
Styrene	ND ug/L		5.0	1		04/17/12 06:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 06:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 06:47	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		04/17/12 06:47	127-18-4	
Toluene	ND ug/L		5.0	1		04/17/12 06:47	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 06:47	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 06:47	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		04/17/12 06:47	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		04/17/12 06:47	79-00-5	
Trichloroethene	ND ug/L		5.0	1		04/17/12 06:47	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		04/17/12 06:47	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		04/17/12 06:47	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 06:47	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 06:47	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		04/17/12 06:47	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		04/17/12 06:47	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		04/17/12 06:47	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103 %.		83-123	1		04/17/12 06:47	1868-53-7	
4-Bromofluorobenzene (S)	97 %.		72-125	1		04/17/12 06:47	460-00-4	
Toluene-d8 (S)	101 %.		81-114	1		04/17/12 06:47	2037-26-5	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-8	Lab ID: 5061485023	Collected: 04/11/12 14:45	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV								
Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510								
Benzo(a)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:36	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:36	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:36	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:36	207-08-9	
Chrysene	ND ug/L		0.50	1	04/16/12 14:10	04/17/12 15:36	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:36	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:36	193-39-5	
Naphthalene	ND ug/L		1.0	1	04/16/12 14:10	04/17/12 15:36	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	84 %.		26-106	1	04/16/12 14:10	04/17/12 15:36	321-60-8	
p-Terphenyl-d14 (S)	86 %.		16-111	1	04/16/12 14:10	04/17/12 15:36	1718-51-0	
8260 MSV								
Analytical Method: EPA 8260								
Acetone	ND ug/L		100	1		04/17/12 07:21	67-64-1	
Acrolein	ND ug/L		50.0	1		04/17/12 07:21	107-02-8	
Acrylonitrile	ND ug/L		100	1		04/17/12 07:21	107-13-1	
Benzene	ND ug/L		5.0	1		04/17/12 07:21	71-43-2	
Bromobenzene	ND ug/L		5.0	1		04/17/12 07:21	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		04/17/12 07:21	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		04/17/12 07:21	75-27-4	
Bromoform	ND ug/L		5.0	1		04/17/12 07:21	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/17/12 07:21	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		04/17/12 07:21	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		04/17/12 07:21	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		04/17/12 07:21	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		04/17/12 07:21	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		04/17/12 07:21	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		04/17/12 07:21	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		04/17/12 07:21	108-90-7	
Chloroethane	ND ug/L		5.0	1		04/17/12 07:21	75-00-3	
Chloroform	ND ug/L		5.0	1		04/17/12 07:21	67-66-3	
Chloromethane	ND ug/L		5.0	1		04/17/12 07:21	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		04/17/12 07:21	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		04/17/12 07:21	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		04/17/12 07:21	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		04/17/12 07:21	106-93-4	
Dibromomethane	ND ug/L		5.0	1		04/17/12 07:21	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 07:21	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 07:21	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 07:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		04/17/12 07:21	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		04/17/12 07:21	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		04/17/12 07:21	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		04/17/12 07:21	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		04/17/12 07:21	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 07:21	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 07:21	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing
Pace Project No.: 5061485

Sample: GP-8	Lab ID: 5061485023	Collected: 04/11/12 14:45	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
1,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 07:21	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		04/17/12 07:21	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 07:21	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		04/17/12 07:21	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 07:21	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 07:21	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		04/17/12 07:21	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		04/17/12 07:21	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		04/17/12 07:21	87-68-3	
n-Hexane	ND ug/L		5.0	1		04/17/12 07:21	110-54-3	N2
2-Hexanone	ND ug/L		25.0	1		04/17/12 07:21	591-78-6	
Iodomethane	ND ug/L		10.0	1		04/17/12 07:21	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		04/17/12 07:21	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		04/17/12 07:21	99-87-6	
Methylene Chloride	ND ug/L		5.0	1		04/17/12 07:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		04/17/12 07:21	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		04/17/12 07:21	1634-04-4	
Naphthalene	ND ug/L		5.0	1		04/17/12 07:21	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		04/17/12 07:21	103-65-1	
Styrene	ND ug/L		5.0	1		04/17/12 07:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 07:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 07:21	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		04/17/12 07:21	127-18-4	
Toluene	ND ug/L		5.0	1		04/17/12 07:21	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 07:21	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 07:21	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		04/17/12 07:21	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		04/17/12 07:21	79-00-5	
Trichloroethene	ND ug/L		5.0	1		04/17/12 07:21	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		04/17/12 07:21	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		04/17/12 07:21	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 07:21	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 07:21	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		04/17/12 07:21	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		04/17/12 07:21	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		04/17/12 07:21	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103 %.		83-123	1		04/17/12 07:21	1868-53-7	
4-Bromofluorobenzene (S)	92 %.		72-125	1		04/17/12 07:21	460-00-4	
Toluene-d8 (S)	99 %.		81-114	1		04/17/12 07:21	2037-26-5	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-9	Lab ID: 5061485024	Collected: 04/12/12 14:32	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV								
Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510								
Benzo(a)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:54	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:54	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:54	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:54	207-08-9	
Chrysene	ND ug/L		0.50	1	04/16/12 14:10	04/17/12 15:54	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:54	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 15:54	193-39-5	
Naphthalene	ND ug/L		1.0	1	04/16/12 14:10	04/17/12 15:54	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	80 %.		26-106	1	04/16/12 14:10	04/17/12 15:54	321-60-8	
p-Terphenyl-d14 (S)	82 %.		16-111	1	04/16/12 14:10	04/17/12 15:54	1718-51-0	
8260 MSV								
Analytical Method: EPA 8260								
Acetone	ND ug/L		100	1		04/17/12 07:55	67-64-1	
Acrolein	ND ug/L		50.0	1		04/17/12 07:55	107-02-8	
Acrylonitrile	ND ug/L		100	1		04/17/12 07:55	107-13-1	
Benzene	ND ug/L		5.0	1		04/17/12 07:55	71-43-2	
Bromobenzene	ND ug/L		5.0	1		04/17/12 07:55	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		04/17/12 07:55	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		04/17/12 07:55	75-27-4	
Bromoform	ND ug/L		5.0	1		04/17/12 07:55	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/17/12 07:55	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		04/17/12 07:55	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		04/17/12 07:55	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		04/17/12 07:55	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		04/17/12 07:55	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		04/17/12 07:55	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		04/17/12 07:55	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		04/17/12 07:55	108-90-7	
Chloroethane	ND ug/L		5.0	1		04/17/12 07:55	75-00-3	
Chloroform	ND ug/L		5.0	1		04/17/12 07:55	67-66-3	
Chloromethane	ND ug/L		5.0	1		04/17/12 07:55	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		04/17/12 07:55	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		04/17/12 07:55	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		04/17/12 07:55	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		04/17/12 07:55	106-93-4	
Dibromomethane	ND ug/L		5.0	1		04/17/12 07:55	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 07:55	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 07:55	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 07:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		04/17/12 07:55	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		04/17/12 07:55	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		04/17/12 07:55	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		04/17/12 07:55	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		04/17/12 07:55	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 07:55	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 07:55	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-9	Lab ID: 5061485024	Collected: 04/12/12 14:32	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
1,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 07:55	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		04/17/12 07:55	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 07:55	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		04/17/12 07:55	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 07:55	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 07:55	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		04/17/12 07:55	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		04/17/12 07:55	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		04/17/12 07:55	87-68-3	
n-Hexane	ND ug/L		5.0	1		04/17/12 07:55	110-54-3	N2
2-Hexanone	ND ug/L		25.0	1		04/17/12 07:55	591-78-6	
Iodomethane	ND ug/L		10.0	1		04/17/12 07:55	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		04/17/12 07:55	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		04/17/12 07:55	99-87-6	
Methylene Chloride	ND ug/L		5.0	1		04/17/12 07:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		04/17/12 07:55	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		04/17/12 07:55	1634-04-4	
Naphthalene	ND ug/L		5.0	1		04/17/12 07:55	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		04/17/12 07:55	103-65-1	
Styrene	ND ug/L		5.0	1		04/17/12 07:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 07:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 07:55	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		04/17/12 07:55	127-18-4	
Toluene	ND ug/L		5.0	1		04/17/12 07:55	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 07:55	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 07:55	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		04/17/12 07:55	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		04/17/12 07:55	79-00-5	
Trichloroethene	ND ug/L		5.0	1		04/17/12 07:55	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		04/17/12 07:55	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		04/17/12 07:55	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 07:55	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 07:55	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		04/17/12 07:55	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		04/17/12 07:55	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		04/17/12 07:55	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	103 %.		83-123	1		04/17/12 07:55	1868-53-7	
4-Bromofluorobenzene (S)	92 %.		72-125	1		04/17/12 07:55	460-00-4	
Toluene-d8 (S)	98 %.		81-114	1		04/17/12 07:55	2037-26-5	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-11	Lab ID: 5061485025	Collected: 04/12/12 09:21	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV								
Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510								
Benzo(a)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:12	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:12	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:12	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:12	207-08-9	
Chrysene	ND ug/L		0.50	1	04/16/12 14:10	04/17/12 16:12	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:12	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:12	193-39-5	
Naphthalene	ND ug/L		1.0	1	04/16/12 14:10	04/17/12 16:12	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	76 %.		26-106	1	04/16/12 14:10	04/17/12 16:12	321-60-8	
p-Terphenyl-d14 (S)	74 %.		16-111	1	04/16/12 14:10	04/17/12 16:12	1718-51-0	
8260 MSV								
Analytical Method: EPA 8260								
Acetone	ND ug/L		100	1		04/17/12 08:29	67-64-1	
Acrolein	ND ug/L		50.0	1		04/17/12 08:29	107-02-8	
Acrylonitrile	ND ug/L		100	1		04/17/12 08:29	107-13-1	
Benzene	ND ug/L		5.0	1		04/17/12 08:29	71-43-2	
Bromobenzene	ND ug/L		5.0	1		04/17/12 08:29	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		04/17/12 08:29	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		04/17/12 08:29	75-27-4	
Bromoform	ND ug/L		5.0	1		04/17/12 08:29	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/17/12 08:29	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		04/17/12 08:29	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		04/17/12 08:29	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		04/17/12 08:29	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		04/17/12 08:29	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		04/17/12 08:29	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		04/17/12 08:29	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		04/17/12 08:29	108-90-7	
Chloroethane	ND ug/L		5.0	1		04/17/12 08:29	75-00-3	
Chloroform	ND ug/L		5.0	1		04/17/12 08:29	67-66-3	
Chloromethane	ND ug/L		5.0	1		04/17/12 08:29	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		04/17/12 08:29	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		04/17/12 08:29	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		04/17/12 08:29	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		04/17/12 08:29	106-93-4	
Dibromomethane	ND ug/L		5.0	1		04/17/12 08:29	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 08:29	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 08:29	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 08:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		04/17/12 08:29	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		04/17/12 08:29	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		04/17/12 08:29	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		04/17/12 08:29	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		04/17/12 08:29	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 08:29	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 08:29	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-11	Lab ID: 5061485025	Collected: 04/12/12 09:21	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
1,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 08:29	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		04/17/12 08:29	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 08:29	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		04/17/12 08:29	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 08:29	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 08:29	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		04/17/12 08:29	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		04/17/12 08:29	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		04/17/12 08:29	87-68-3	
n-Hexane	ND ug/L		5.0	1		04/17/12 08:29	110-54-3	N2
2-Hexanone	ND ug/L		25.0	1		04/17/12 08:29	591-78-6	
Iodomethane	ND ug/L		10.0	1		04/17/12 08:29	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		04/17/12 08:29	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		04/17/12 08:29	99-87-6	
Methylene Chloride	ND ug/L		5.0	1		04/17/12 08:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		04/17/12 08:29	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		04/17/12 08:29	1634-04-4	
Naphthalene	ND ug/L		5.0	1		04/17/12 08:29	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		04/17/12 08:29	103-65-1	
Styrene	ND ug/L		5.0	1		04/17/12 08:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 08:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 08:29	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		04/17/12 08:29	127-18-4	
Toluene	ND ug/L		5.0	1		04/17/12 08:29	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 08:29	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 08:29	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		04/17/12 08:29	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		04/17/12 08:29	79-00-5	
Trichloroethene	ND ug/L		5.0	1		04/17/12 08:29	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		04/17/12 08:29	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		04/17/12 08:29	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 08:29	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 08:29	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		04/17/12 08:29	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		04/17/12 08:29	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		04/17/12 08:29	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	105 %.		83-123	1		04/17/12 08:29	1868-53-7	
4-Bromofluorobenzene (S)	95 %.		72-125	1		04/17/12 08:29	460-00-4	
Toluene-d8 (S)	100 %.		81-114	1		04/17/12 08:29	2037-26-5	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-17	Lab ID: 5061485026	Collected: 04/12/12 11:25	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV								
Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510								
Benzo(a)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:30	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:30	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:30	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:30	207-08-9	
Chrysene	ND ug/L		0.50	1	04/16/12 14:10	04/17/12 16:30	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:30	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:30	193-39-5	
Naphthalene	ND ug/L		1.0	1	04/16/12 14:10	04/17/12 16:30	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	79 %.		26-106	1	04/16/12 14:10	04/17/12 16:30	321-60-8	
p-Terphenyl-d14 (S)	82 %.		16-111	1	04/16/12 14:10	04/17/12 16:30	1718-51-0	
8260 MSV								
Analytical Method: EPA 8260								
Acetone	ND ug/L		100	1		04/17/12 09:04	67-64-1	
Acrolein	ND ug/L		50.0	1		04/17/12 09:04	107-02-8	
Acrylonitrile	ND ug/L		100	1		04/17/12 09:04	107-13-1	
Benzene	ND ug/L		5.0	1		04/17/12 09:04	71-43-2	
Bromobenzene	ND ug/L		5.0	1		04/17/12 09:04	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		04/17/12 09:04	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		04/17/12 09:04	75-27-4	
Bromoform	ND ug/L		5.0	1		04/17/12 09:04	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/17/12 09:04	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		04/17/12 09:04	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		04/17/12 09:04	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		04/17/12 09:04	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		04/17/12 09:04	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		04/17/12 09:04	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		04/17/12 09:04	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		04/17/12 09:04	108-90-7	
Chloroethane	ND ug/L		5.0	1		04/17/12 09:04	75-00-3	
Chloroform	ND ug/L		5.0	1		04/17/12 09:04	67-66-3	
Chloromethane	ND ug/L		5.0	1		04/17/12 09:04	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		04/17/12 09:04	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		04/17/12 09:04	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		04/17/12 09:04	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		04/17/12 09:04	106-93-4	
Dibromomethane	ND ug/L		5.0	1		04/17/12 09:04	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 09:04	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 09:04	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 09:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		04/17/12 09:04	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		04/17/12 09:04	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		04/17/12 09:04	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		04/17/12 09:04	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		04/17/12 09:04	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 09:04	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 09:04	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-17	Lab ID: 5061485026	Collected: 04/12/12 11:25	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
1,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 09:04	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		04/17/12 09:04	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		04/17/12 09:04	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		04/17/12 09:04	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 09:04	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		04/17/12 09:04	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		04/17/12 09:04	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		04/17/12 09:04	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		04/17/12 09:04	87-68-3	
n-Hexane	ND ug/L		5.0	1		04/17/12 09:04	110-54-3	N2
2-Hexanone	ND ug/L		25.0	1		04/17/12 09:04	591-78-6	
Iodomethane	ND ug/L		10.0	1		04/17/12 09:04	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		04/17/12 09:04	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		04/17/12 09:04	99-87-6	
Methylene Chloride	ND ug/L		5.0	1		04/17/12 09:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		04/17/12 09:04	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		04/17/12 09:04	1634-04-4	
Naphthalene	ND ug/L		5.0	1		04/17/12 09:04	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		04/17/12 09:04	103-65-1	
Styrene	ND ug/L		5.0	1		04/17/12 09:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 09:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		04/17/12 09:04	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		04/17/12 09:04	127-18-4	
Toluene	ND ug/L		5.0	1		04/17/12 09:04	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 09:04	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		04/17/12 09:04	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		04/17/12 09:04	71-55-6	
1,1,2-Trichloroethane	ND ug/L		5.0	1		04/17/12 09:04	79-00-5	
Trichloroethene	ND ug/L		5.0	1		04/17/12 09:04	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		04/17/12 09:04	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		04/17/12 09:04	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 09:04	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		04/17/12 09:04	108-67-8	
Vinyl acetate	ND ug/L		50.0	1		04/17/12 09:04	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		04/17/12 09:04	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		04/17/12 09:04	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	104 %.		83-123	1		04/17/12 09:04	1868-53-7	
4-Bromofluorobenzene (S)	95 %.		72-125	1		04/17/12 09:04	460-00-4	
Toluene-d8 (S)	100 %.		81-114	1		04/17/12 09:04	2037-26-5	

ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-18	Lab ID: 5061485027	Collected: 04/12/12 13:00	Received: 04/14/12 10:37	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PAHLV								
Analytical Method: EPA 8270 by SIM LVE Preparation Method: EPA 3510								
Benzo(a)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:48	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:48	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:48	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:48	207-08-9	
Chrysene	ND ug/L		0.50	1	04/16/12 14:10	04/17/12 16:48	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:48	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	04/16/12 14:10	04/17/12 16:48	193-39-5	
Naphthalene	ND ug/L		1.0	1	04/16/12 14:10	04/17/12 16:48	91-20-3	
Surrogates								
2-Fluorobiphenyl (S)	81 %.		26-106	1	04/16/12 14:10	04/17/12 16:48	321-60-8	
p-Terphenyl-d14 (S)	84 %.		16-111	1	04/16/12 14:10	04/17/12 16:48	1718-51-0	
8260 MSV								
Analytical Method: EPA 8260								
Acetone	ND ug/L		100	1		04/17/12 09:37	67-64-1	
Acrolein	ND ug/L		50.0	1		04/17/12 09:37	107-02-8	
Acrylonitrile	ND ug/L		100	1		04/17/12 09:37	107-13-1	
Benzene	ND ug/L		5.0	1		04/17/12 09:37	71-43-2	
Bromobenzene	ND ug/L		5.0	1		04/17/12 09:37	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		04/17/12 09:37	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		04/17/12 09:37	75-27-4	
Bromoform	ND ug/L		5.0	1		04/17/12 09:37	75-25-2	
Bromomethane	ND ug/L		5.0	1		04/17/12 09:37	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		04/17/12 09:37	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		04/17/12 09:37	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		04/17/12 09:37	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		04/17/12 09:37	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		04/17/12 09:37	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		04/17/12 09:37	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		04/17/12 09:37	108-90-7	
Chloroethane	ND ug/L		5.0	1		04/17/12 09:37	75-00-3	
Chloroform	ND ug/L		5.0	1		04/17/12 09:37	67-66-3	
Chloromethane	ND ug/L		5.0	1		04/17/12 09:37	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		04/17/12 09:37	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		04/17/12 09:37	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		04/17/12 09:37	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		04/17/12 09:37	106-93-4	
Dibromomethane	ND ug/L		5.0	1		04/17/12 09:37	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 09:37	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 09:37	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		04/17/12 09:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		04/17/12 09:37	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		04/17/12 09:37	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		04/17/12 09:37	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		04/17/12 09:37	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		04/17/12 09:37	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 09:37	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		04/17/12 09:37	156-60-5	

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ANALYTICAL RESULTS

Project: Hamilton Towing

Pace Project No.: 5061485

Sample: GP-18		Lab ID: 5061485027	Collected: 04/12/12 13:00	Received: 04/14/12 10:37	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
1,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 09:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		04/17/12 09:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		04/17/12 09:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		04/17/12 09:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 09:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		04/17/12 09:37	10061-02-6	
Ethylbenzene	ND	ug/L	5.0	1		04/17/12 09:37	100-41-4	
Ethyl methacrylate	ND	ug/L	100	1		04/17/12 09:37	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		04/17/12 09:37	87-68-3	
n-Hexane	ND	ug/L	5.0	1		04/17/12 09:37	110-54-3	N2
2-Hexanone	ND	ug/L	25.0	1		04/17/12 09:37	591-78-6	
Iodomethane	ND	ug/L	10.0	1		04/17/12 09:37	74-88-4	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		04/17/12 09:37	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		04/17/12 09:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		04/17/12 09:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		04/17/12 09:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		04/17/12 09:37	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		04/17/12 09:37	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		04/17/12 09:37	103-65-1	
Styrene	ND	ug/L	5.0	1		04/17/12 09:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 09:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		04/17/12 09:37	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		04/17/12 09:37	127-18-4	
Toluene	ND	ug/L	5.0	1		04/17/12 09:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 09:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		04/17/12 09:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		04/17/12 09:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		04/17/12 09:37	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		04/17/12 09:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		04/17/12 09:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		04/17/12 09:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 09:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		04/17/12 09:37	108-67-8	
Vinyl acetate	ND	ug/L	50.0	1		04/17/12 09:37	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		04/17/12 09:37	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		04/17/12 09:37	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	102 %.		83-123	1		04/17/12 09:37	1868-53-7	
4-Bromofluorobenzene (S)	94 %.		72-125	1		04/17/12 09:37	460-00-4	
Toluene-d8 (S)	100 %.		81-114	1		04/17/12 09:37	2037-26-5	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061485

QC Batch: MSV/41356 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 5061485021, 5061485022, 5061485023, 5061485024, 5061485025, 5061485026, 5061485027

METHOD BLANK: 721334 Matrix: Water
 Associated Lab Samples: 5061485021, 5061485022, 5061485023, 5061485024, 5061485025, 5061485026, 5061485027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/17/12 00:01	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/17/12 00:01	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/17/12 00:01	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/17/12 00:01	
1,1-Dichloroethane	ug/L	ND	5.0	04/17/12 00:01	
1,1-Dichloroethene	ug/L	ND	5.0	04/17/12 00:01	
1,1-Dichloropropene	ug/L	ND	5.0	04/17/12 00:01	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/17/12 00:01	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/17/12 00:01	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/17/12 00:01	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/17/12 00:01	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/17/12 00:01	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/17/12 00:01	
1,2-Dichloroethane	ug/L	ND	5.0	04/17/12 00:01	
1,2-Dichloropropane	ug/L	ND	5.0	04/17/12 00:01	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/17/12 00:01	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/17/12 00:01	
1,3-Dichloropropane	ug/L	ND	5.0	04/17/12 00:01	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/17/12 00:01	
2,2-Dichloropropane	ug/L	ND	5.0	04/17/12 00:01	
2-Butanone (MEK)	ug/L	ND	25.0	04/17/12 00:01	
2-Chlorotoluene	ug/L	ND	5.0	04/17/12 00:01	
2-Hexanone	ug/L	ND	25.0	04/17/12 00:01	
4-Chlorotoluene	ug/L	ND	5.0	04/17/12 00:01	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/17/12 00:01	
Acetone	ug/L	ND	100	04/17/12 00:01	
Acrolein	ug/L	ND	50.0	04/17/12 00:01	
Acrylonitrile	ug/L	ND	100	04/17/12 00:01	
Benzene	ug/L	ND	5.0	04/17/12 00:01	
Bromobenzene	ug/L	ND	5.0	04/17/12 00:01	
Bromochloromethane	ug/L	ND	5.0	04/17/12 00:01	
Bromodichloromethane	ug/L	ND	5.0	04/17/12 00:01	
Bromoform	ug/L	ND	5.0	04/17/12 00:01	
Bromomethane	ug/L	ND	5.0	04/17/12 00:01	
Carbon disulfide	ug/L	ND	10.0	04/17/12 00:01	
Carbon tetrachloride	ug/L	ND	5.0	04/17/12 00:01	
Chlorobenzene	ug/L	ND	5.0	04/17/12 00:01	
Chloroethane	ug/L	ND	5.0	04/17/12 00:01	
Chloroform	ug/L	ND	5.0	04/17/12 00:01	
Chloromethane	ug/L	ND	5.0	04/17/12 00:01	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/17/12 00:01	
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/17/12 00:01	
Dibromochloromethane	ug/L	ND	5.0	04/17/12 00:01	

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QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061485

METHOD BLANK: 721334

Matrix: Water

Associated Lab Samples: 5061485021, 5061485022, 5061485023, 5061485024, 5061485025, 5061485026, 5061485027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	5.0	04/17/12 00:01	
Dichlorodifluoromethane	ug/L	ND	5.0	04/17/12 00:01	
Ethyl methacrylate	ug/L	ND	100	04/17/12 00:01	
Ethylbenzene	ug/L	ND	5.0	04/17/12 00:01	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/17/12 00:01	
Iodomethane	ug/L	ND	10.0	04/17/12 00:01	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/17/12 00:01	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/17/12 00:01	
Methylene Chloride	ug/L	ND	5.0	04/17/12 00:01	
n-Butylbenzene	ug/L	ND	5.0	04/17/12 00:01	
n-Hexane	ug/L	ND	5.0	04/17/12 00:01	N2
n-Propylbenzene	ug/L	ND	5.0	04/17/12 00:01	
Naphthalene	ug/L	ND	5.0	04/17/12 00:01	
p-Isopropyltoluene	ug/L	ND	5.0	04/17/12 00:01	
sec-Butylbenzene	ug/L	ND	5.0	04/17/12 00:01	
Styrene	ug/L	ND	5.0	04/17/12 00:01	
tert-Butylbenzene	ug/L	ND	5.0	04/17/12 00:01	
Tetrachloroethene	ug/L	ND	5.0	04/17/12 00:01	
Toluene	ug/L	ND	5.0	04/17/12 00:01	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/17/12 00:01	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/17/12 00:01	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/17/12 00:01	
Trichloroethene	ug/L	ND	5.0	04/17/12 00:01	
Trichlorofluoromethane	ug/L	ND	5.0	04/17/12 00:01	
Vinyl acetate	ug/L	ND	50.0	04/17/12 00:01	
Vinyl chloride	ug/L	ND	2.0	04/17/12 00:01	
Xylene (Total)	ug/L	ND	10.0	04/17/12 00:01	
4-Bromofluorobenzene (S)	%	95	72-125	04/17/12 00:01	
Dibromofluoromethane (S)	%	102	83-123	04/17/12 00:01	
Toluene-d8 (S)	%	101	81-114	04/17/12 00:01	

LABORATORY CONTROL SAMPLE: 721335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.2	88	69-122	
1,1,1-Trichloroethane	ug/L	50	45.9	92	69-126	
1,1,2,2-Tetrachloroethane	ug/L	50	55.9	112	68-134	
1,1,2-Trichloroethane	ug/L	50	46.0	92	77-129	
1,1-Dichloroethane	ug/L	50	33.3	67	70-127	L0
1,1-Dichloroethene	ug/L	50	49.3	99	75-145	
1,1-Dichloropropene	ug/L	50	45.8	92	75-126	
1,2,3-Trichlorobenzene	ug/L	50	52.3	105	63-130	
1,2,3-Trichloropropane	ug/L	50	78.8	158	45-121	L3
1,2,4-Trichlorobenzene	ug/L	50	47.5	95	64-122	
1,2,4-Trimethylbenzene	ug/L	50	52.4	105	68-129	

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QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061485

LABORATORY CONTROL SAMPLE: 721335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	46.9	94	77-123	
1,2-Dichlorobenzene	ug/L	50	52.1	104	74-123	
1,2-Dichloroethane	ug/L	50	48.7	97	71-127	
1,2-Dichloropropane	ug/L	50	44.9	90	75-126	
1,3,5-Trimethylbenzene	ug/L	50	50.7	101	69-129	
1,3-Dichlorobenzene	ug/L	50	49.9	100	76-123	
1,3-Dichloropropane	ug/L	50	45.2	90	77-126	
1,4-Dichlorobenzene	ug/L	50	49.8	100	77-121	
2,2-Dichloropropane	ug/L	50	40.2	80	45-138	
2-Butanone (MEK)	ug/L	250	233	93	42-177	
2-Chlorotoluene	ug/L	50	50.2	100	74-129	
2-Hexanone	ug/L	250	266	106	57-162	
4-Chlorotoluene	ug/L	50	49.4	99	70-125	
4-Methyl-2-pentanone (MIBK)	ug/L	250	261	104	64-135	
Acetone	ug/L	250	243	97	10-200	
Acrolein	ug/L	1000	1120	112	10-200	
Acrylonitrile	ug/L	1000	919	92	59-144	
Benzene	ug/L	50	46.8	94	76-123	
Bromobenzene	ug/L	50	39.3	79	67-130	
Bromochloromethane	ug/L	50	37.6	75	58-153	
Bromodichloromethane	ug/L	50	46.7	93	71-124	
Bromoform	ug/L	50	34.7	69	64-116	
Bromomethane	ug/L	50	55.3	111	23-197	
Carbon disulfide	ug/L	100	105	105	55-146	
Carbon tetrachloride	ug/L	50	44.2	88	65-125	
Chlorobenzene	ug/L	50	53.3	107	78-120	
Chloroethane	ug/L	50	46.4	93	56-163	
Chloroform	ug/L	50	46.9	94	73-122	
Chloromethane	ug/L	50	41.3	83	46-146	
cis-1,2-Dichloroethene	ug/L	50	47.7	95	79-129	
cis-1,3-Dichloropropene	ug/L	50	44.6	89	66-123	
Dibromochloromethane	ug/L	50	41.5	83	70-123	
Dibromomethane	ug/L	50	50.7	101	73-123	
Dichlorodifluoromethane	ug/L	50	47.7	95	19-200	
Ethyl methacrylate	ug/L	200	172	86	70-127	
Ethylbenzene	ug/L	50	44.2	88	75-120	
Hexachloro-1,3-butadiene	ug/L	50	47.4	95	64-131	
Iodomethane	ug/L	100	102	102	16-181	
Isopropylbenzene (Cumene)	ug/L	50	42.7	85	73-123	
Methyl-tert-butyl ether	ug/L	100	93.5	94	66-128	
Methylene Chloride	ug/L	50	45.2	90	61-138	
n-Butylbenzene	ug/L	50	49.9	100	69-130	
n-Hexane	ug/L	50	41.3	83	67-142 N2	
n-Propylbenzene	ug/L	50	52.8	106	71-132	
Naphthalene	ug/L	50	52.6	105	62-130	
p-Isopropyltoluene	ug/L	50	52.4	105	71-126	
sec-Butylbenzene	ug/L	50	46.5	93	69-130	
Styrene	ug/L	50	43.4	87	75-125	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061485

LABORATORY CONTROL SAMPLE: 721335

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	42.1	84	49-114	
Tetrachloroethene	ug/L	50	56.2	112	57-125	
Toluene	ug/L	50	49.1	98	72-124	
trans-1,2-Dichloroethene	ug/L	50	47.8	96	71-145	
trans-1,3-Dichloropropene	ug/L	50	41.4	83	58-118	
trans-1,4-Dichloro-2-butene	ug/L	200	181	90	50-121	
Trichloroethene	ug/L	50	49.9	100	77-122	
Trichlorofluoromethane	ug/L	50	49.8	100	56-159	
Vinyl acetate	ug/L	200	138	69	27-119	
Vinyl chloride	ug/L	50	43.0	86	61-146	
Xylene (Total)	ug/L	150	148	99	72-126	
4-Bromofluorobenzene (S)	%			92	72-125	
Dibromofluoromethane (S)	%			101	83-123	
Toluene-d8 (S)	%			100	81-114	

QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

QC Batch: MSV/41384 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 5061485020

METHOD BLANK: 721620 Matrix: Water
Associated Lab Samples: 5061485020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	04/17/12 13:07	
1,1,1-Trichloroethane	ug/L	ND	5.0	04/17/12 13:07	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	04/17/12 13:07	
1,1,2-Trichloroethane	ug/L	ND	5.0	04/17/12 13:07	
1,1-Dichloroethane	ug/L	ND	5.0	04/17/12 13:07	
1,1-Dichloroethene	ug/L	ND	5.0	04/17/12 13:07	
1,1-Dichloropropene	ug/L	ND	5.0	04/17/12 13:07	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	04/17/12 13:07	
1,2,3-Trichloropropane	ug/L	ND	5.0	04/17/12 13:07	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	04/17/12 13:07	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	04/17/12 13:07	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	04/17/12 13:07	
1,2-Dichlorobenzene	ug/L	ND	5.0	04/17/12 13:07	
1,2-Dichloroethane	ug/L	ND	5.0	04/17/12 13:07	
1,2-Dichloropropane	ug/L	ND	5.0	04/17/12 13:07	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	04/17/12 13:07	
1,3-Dichlorobenzene	ug/L	ND	5.0	04/17/12 13:07	
1,3-Dichloropropane	ug/L	ND	5.0	04/17/12 13:07	
1,4-Dichlorobenzene	ug/L	ND	5.0	04/17/12 13:07	
2,2-Dichloropropane	ug/L	ND	5.0	04/17/12 13:07	
2-Butanone (MEK)	ug/L	ND	25.0	04/17/12 13:07	
2-Chlorotoluene	ug/L	ND	5.0	04/17/12 13:07	
2-Hexanone	ug/L	ND	25.0	04/17/12 13:07	
4-Chlorotoluene	ug/L	ND	5.0	04/17/12 13:07	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	04/17/12 13:07	
Acetone	ug/L	ND	100	04/17/12 13:07	
Acrolein	ug/L	ND	50.0	04/17/12 13:07	
Acrylonitrile	ug/L	ND	100	04/17/12 13:07	
Benzene	ug/L	ND	5.0	04/17/12 13:07	
Bromobenzene	ug/L	ND	5.0	04/17/12 13:07	
Bromochloromethane	ug/L	ND	5.0	04/17/12 13:07	
Bromodichloromethane	ug/L	ND	5.0	04/17/12 13:07	
Bromoform	ug/L	ND	5.0	04/17/12 13:07	
Bromomethane	ug/L	ND	5.0	04/17/12 13:07	
Carbon disulfide	ug/L	ND	10.0	04/17/12 13:07	
Carbon tetrachloride	ug/L	ND	5.0	04/17/12 13:07	
Chlorobenzene	ug/L	ND	5.0	04/17/12 13:07	
Chloroethane	ug/L	ND	5.0	04/17/12 13:07	
Chloroform	ug/L	ND	5.0	04/17/12 13:07	
Chloromethane	ug/L	ND	5.0	04/17/12 13:07	
cis-1,2-Dichloroethene	ug/L	ND	5.0	04/17/12 13:07	
cis-1,3-Dichloropropene	ug/L	ND	5.0	04/17/12 13:07	
Dibromochloromethane	ug/L	ND	5.0	04/17/12 13:07	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061485

METHOD BLANK: 721620

Matrix: Water

Associated Lab Samples: 5061485020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	5.0	04/17/12 13:07	
Dichlorodifluoromethane	ug/L	ND	5.0	04/17/12 13:07	
Ethyl methacrylate	ug/L	ND	100	04/17/12 13:07	
Ethylbenzene	ug/L	ND	5.0	04/17/12 13:07	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	04/17/12 13:07	
Iodomethane	ug/L	ND	10.0	04/17/12 13:07	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	04/17/12 13:07	
Methyl-tert-butyl ether	ug/L	ND	4.0	04/17/12 13:07	
Methylene Chloride	ug/L	ND	5.0	04/17/12 13:07	
n-Butylbenzene	ug/L	ND	5.0	04/17/12 13:07	
n-Hexane	ug/L	ND	5.0	04/17/12 13:07	N2
n-Propylbenzene	ug/L	ND	5.0	04/17/12 13:07	
Naphthalene	ug/L	ND	5.0	04/17/12 13:07	
p-Isopropyltoluene	ug/L	ND	5.0	04/17/12 13:07	
sec-Butylbenzene	ug/L	ND	5.0	04/17/12 13:07	
Styrene	ug/L	ND	5.0	04/17/12 13:07	
tert-Butylbenzene	ug/L	ND	5.0	04/17/12 13:07	
Tetrachloroethene	ug/L	ND	5.0	04/17/12 13:07	
Toluene	ug/L	ND	5.0	04/17/12 13:07	
trans-1,2-Dichloroethene	ug/L	ND	5.0	04/17/12 13:07	
trans-1,3-Dichloropropene	ug/L	ND	5.0	04/17/12 13:07	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	04/17/12 13:07	
Trichloroethene	ug/L	ND	5.0	04/17/12 13:07	
Trichlorofluoromethane	ug/L	ND	5.0	04/17/12 13:07	
Vinyl acetate	ug/L	ND	50.0	04/17/12 13:07	
Vinyl chloride	ug/L	ND	2.0	04/17/12 13:07	
Xylene (Total)	ug/L	ND	10.0	04/17/12 13:07	
4-Bromofluorobenzene (S)	%	98	72-125	04/17/12 13:07	
Dibromofluoromethane (S)	%	105	83-123	04/17/12 13:07	
Toluene-d8 (S)	%	100	81-114	04/17/12 13:07	

LABORATORY CONTROL SAMPLE: 721621

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.7	91	69-122	
1,1,1-Trichloroethane	ug/L	50	47.6	95	69-126	
1,1,2,2-Tetrachloroethane	ug/L	50	52.2	104	68-134	
1,1,2-Trichloroethane	ug/L	50	46.2	92	77-129	
1,1-Dichloroethane	ug/L	50	36.1	72	70-127	
1,1-Dichloroethene	ug/L	50	52.8	106	75-145	
1,1-Dichloropropene	ug/L	50	47.3	95	75-126	
1,2,3-Trichlorobenzene	ug/L	50	52.0	104	63-130	
1,2,3-Trichloropropane	ug/L	50	74.4	149	45-121	L3
1,2,4-Trichlorobenzene	ug/L	50	50.6	101	64-122	
1,2,4-Trimethylbenzene	ug/L	50	53.3	107	68-129	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061485

LABORATORY CONTROL SAMPLE: 721621

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	48.5	97	77-123	
1,2-Dichlorobenzene	ug/L	50	52.0	104	74-123	
1,2-Dichloroethane	ug/L	50	51.0	102	71-127	
1,2-Dichloropropane	ug/L	50	46.3	93	75-126	
1,3,5-Trimethylbenzene	ug/L	50	50.7	101	69-129	
1,3-Dichlorobenzene	ug/L	50	51.2	102	76-123	
1,3-Dichloropropane	ug/L	50	46.8	94	77-126	
1,4-Dichlorobenzene	ug/L	50	50.5	101	77-121	
2,2-Dichloropropane	ug/L	50	41.8	84	45-138	
2-Butanone (MEK)	ug/L	250	240	96	42-177	
2-Chlorotoluene	ug/L	50	49.7	99	74-129	
2-Hexanone	ug/L	250	268	107	57-162	
4-Chlorotoluene	ug/L	50	51.3	103	70-125	
4-Methyl-2-pentanone (MIBK)	ug/L	250	254	102	64-135	
Acetone	ug/L	250	254	102	10-200	
Acrolein	ug/L	1000	1180	118	10-200	
Acrylonitrile	ug/L	1000	949	95	59-144	
Benzene	ug/L	50	48.2	96	76-123	
Bromobenzene	ug/L	50	48.5	97	67-130	
Bromochloromethane	ug/L	50	39.1	78	58-153	
Bromodichloromethane	ug/L	50	47.7	95	71-124	
Bromoform	ug/L	50	34.8	70	64-116	
Bromomethane	ug/L	50	58.3	117	23-197	
Carbon disulfide	ug/L	100	113	113	55-146	
Carbon tetrachloride	ug/L	50	47.0	94	65-125	
Chlorobenzene	ug/L	50	57.3	115	78-120	
Chloroethane	ug/L	50	47.8	96	56-163	
Chloroform	ug/L	50	49.3	99	73-122	
Chloromethane	ug/L	50	45.4	91	46-146	
cis-1,2-Dichloroethene	ug/L	50	48.8	98	79-129	
cis-1,3-Dichloropropene	ug/L	50	44.1	88	66-123	
Dibromochloromethane	ug/L	50	40.6	81	70-123	
Dibromomethane	ug/L	50	53.2	106	73-123	
Dichlorodifluoromethane	ug/L	50	49.9	100	19-200	
Ethyl methacrylate	ug/L	200	173	86	70-127	
Ethylbenzene	ug/L	50	46.2	92	75-120	
Hexachloro-1,3-butadiene	ug/L	50	48.8	98	64-131	
Iodomethane	ug/L	100	112	112	16-181	
Isopropylbenzene (Cumene)	ug/L	50	44.9	90	73-123	
Methyl-tert-butyl ether	ug/L	100	94.2	94	66-128	
Methylene Chloride	ug/L	50	49.1	98	61-138	
n-Butylbenzene	ug/L	50	53.0	106	69-130	
n-Hexane	ug/L	50	44.2	88	67-142 N2	
n-Propylbenzene	ug/L	50	53.3	107	71-132	
Naphthalene	ug/L	50	51.2	102	62-130	
p-Isopropyltoluene	ug/L	50	53.1	106	71-126	
sec-Butylbenzene	ug/L	50	46.2	92	69-130	
Styrene	ug/L	50	45.5	91	75-125	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061485

LABORATORY CONTROL SAMPLE: 721621

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	41.8	84	49-114	
Tetrachloroethene	ug/L	50	59.6	119	57-125	
Toluene	ug/L	50	51.3	103	72-124	
trans-1,2-Dichloroethene	ug/L	50	49.2	98	71-145	
trans-1,3-Dichloropropene	ug/L	50	41.2	82	58-118	
trans-1,4-Dichloro-2-butene	ug/L	200	176	88	50-121	
Trichloroethene	ug/L	50	53.2	106	77-122	
Trichlorofluoromethane	ug/L	50	53.7	107	56-159	
Vinyl acetate	ug/L	200	146	73	27-119	
Vinyl chloride	ug/L	50	46.3	93	61-146	
Xylene (Total)	ug/L	150	155	103	72-126	
4-Bromofluorobenzene (S)	%			91	72-125	
Dibromofluoromethane (S)	%			99	83-123	
Toluene-d8 (S)	%			97	81-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 721622

721623

Parameter	Units	5061485020		MS	MSD	MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	49.7	46.7	99	93	30-122	6	20		
1,1,1-Trichloroethane	ug/L	ND	50	50	50.6	47.5	101	95	37-136	6	20		
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	60.6	56.1	121	112	47-132	8	20		
1,1,2-Trichloroethane	ug/L	ND	50	50	48.4	47.3	97	95	53-131	2	20		
1,1-Dichloroethane	ug/L	ND	50	50	40.9	42.4	82	85	47-138	4	20		
1,1-Dichloroethene	ug/L	ND	50	50	52.3	48.1	105	96	54-152	8	20		
1,1-Dichloropropene	ug/L	ND	50	50	50.9	47.1	102	94	47-136	8	20		
1,2,3-Trichlorobenzene	ug/L	ND	50	50	61.4	56.4	123	113	15-132	9	20		
1,2,3-Trichloropropane	ug/L	ND	50	50	83.1	77.4	166	155	24-108	7	20	MO	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	59.8	54.4	120	109	10-130	10	20		
1,2,4-Trimethylbenzene	ug/L	ND	50	50	60.8	56.1	122	112	10-141	8	20		
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	51.4	47.8	103	96	49-130	7	20		
1,2-Dichlorobenzene	ug/L	ND	50	50	59.7	54.6	119	109	20-137	9	20		
1,2-Dichloroethane	ug/L	ND	50	50	54.4	49.7	109	99	42-139	9	20		
1,2-Dichloropropane	ug/L	ND	50	50	48.6	46.4	97	93	50-131	5	20		
1,3,5-Trimethylbenzene	ug/L	ND	50	50	58.7	53.9	117	108	10-145	9	20		
1,3-Dichlorobenzene	ug/L	ND	50	50	59.1	53.9	118	108	13-143	9	20		
1,3-Dichloropropane	ug/L	ND	50	50	49.4	47.5	99	95	53-130	4	20		
1,4-Dichlorobenzene	ug/L	ND	50	50	57.9	53.0	116	106	13-140	9	20		
2,2-Dichloropropane	ug/L	ND	50	50	44.8	41.7	90	83	13-142	7	20		
2-Butanone (MEK)	ug/L	ND	250	250	263	248	105	99	43-142	6	20		
2-Chlorotoluene	ug/L	ND	50	50	57.3	53.3	115	107	15-145	7	20		
2-Hexanone	ug/L	ND	250	250	279	253	112	101	46-139	10	20		
4-Chlorotoluene	ug/L	ND	50	50	58.9	54.3	118	109	12-143	8	20		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	269	253	108	101	43-140	6	20		
Acetone	ug/L	ND	250	250	267	240	107	96	38-155	11	20		
Acrolein	ug/L	ND	1000	1000	1180	1130	118	113	11-200	5	20		
Acrylonitrile	ug/L	ND	1000	1000	978	917	98	92	42-150	6	20		

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QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061485

Parameter	5061485020		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec							
Benzene	ug/L	ND	50	50	51.3	47.7	103	95	52-134	7	20				
Bromobenzene	ug/L	ND	50	50	44.2	40.4	88	81	25-140	9	20				
Bromochloromethane	ug/L	ND	50	50	41.4	41.4	83	83	54-144	.1	20				
Bromodichloromethane	ug/L	ND	50	50	51.3	47.6	103	95	42-128	8	20				
Bromoform	ug/L	ND	50	50	37.3	33.7	75	67	34-116	10	20				
Bromomethane	ug/L	ND	50	50	60.3	63.3	121	127	10-200	5	20				
Carbon disulfide	ug/L	ND	100	100	118	110	118	110	43-144	7	20				
Carbon tetrachloride	ug/L	ND	50	50	48.3	46.4	97	93	26-136	4	20				
Chlorobenzene	ug/L	ND	50	50	61.6	57.9	123	116	33-136	6	20				
Chloroethane	ug/L	ND	50	50	49.5	49.4	99	99	21-200	.2	20				
Chloroform	ug/L	ND	50	50	51.9	48.7	104	97	50-134	6	20				
Chloromethane	ug/L	ND	50	50	45.7	42.5	91	85	32-160	7	20				
cis-1,2-Dichloroethene	ug/L	ND	50	50	52.5	50.3	105	101	48-145	4	20				
cis-1,3-Dichloropropene	ug/L	ND	50	50	47.9	44.0	96	88	35-116	8	20				
Dibromochloromethane	ug/L	ND	50	50	44.4	39.2	89	78	39-122	13	20				
Dibromomethane	ug/L	ND	50	50	56.1	51.6	112	103	49-134	8	20				
Dichlorodifluoromethane	ug/L	ND	50	50	49.9	46.6	100	93	35-200	7	20				
Ethyl methacrylate	ug/L	ND	200	200	184	172	92	86	54-123	7	20				
Ethylbenzene	ug/L	ND	50	50	50.1	46.3	100	92	29-132	8	20				
Hexachloro-1,3-butadiene	ug/L	ND	50	50	55.4	49.1	111	98	10-146	12	20				
Iodomethane	ug/L	ND	100	100	109	110	109	110	10-171	1	20				
Isopropylbenzene (Cumene)	ug/L	ND	50	50	48.8	45.9	98	92	11-146	6	20				
Methyl-tert-butyl ether	ug/L	ND	100	100	99.3	93.2	99	93	39-137	6	20				
Methylene Chloride	ug/L	ND	50	50	51.2	48.0	102	96	47-141	6	20				
n-Butylbenzene	ug/L	ND	50	50	60.7	55.0	121	110	10-156	10	20				
n-Hexane	ug/L	ND	50	50	46.1	44.2	92	88	51-137	4	20	N2			
n-Propylbenzene	ug/L	ND	50	50	60.9	56.2	122	112	10-148	8	20				
Naphthalene	ug/L	ND	50	50	57.2	52.6	114	105	40-124	9	20				
p-Isopropyltoluene	ug/L	ND	50	50	61.9	56.0	124	112	10-150	10	20				
sec-Butylbenzene	ug/L	ND	50	50	52.8	48.4	106	97	10-150	9	20				
Styrene	ug/L	ND	50	50	48.9	45.1	98	90	20-143	8	20				
tert-Butylbenzene	ug/L	ND	50	50	48.2	44.9	96	90	10-123	7	20				
Tetrachloroethene	ug/L	ND	50	50	65.5	59.2	131	118	30-124	10	20	MO			
Toluene	ug/L	ND	50	50	56.5	53.1	113	106	42-130	6	20				
trans-1,2-Dichloroethene	ug/L	ND	50	50	50.5	50.0	101	100	48-144	1	20				
trans-1,3-Dichloropropene	ug/L	ND	50	50	43.2	42.2	86	84	24-114	3	20				
trans-1,4-Dichloro-2-butene	ug/L	ND	200	200	199	177	100	88	22-120	12	20				
Trichloroethene	ug/L	ND	50	50	56.4	52.5	113	105	44-130	7	20				
Trichlorofluoromethane	ug/L	ND	50	50	56.6	53.0	112	105	17-200	7	20				
Vinyl acetate	ug/L	ND	200	200	157	158	78	79	10-115	1	20				
Vinyl chloride	ug/L	ND	50	50	47.6	44.1	95	88	45-159	8	20				
Xylene (Total)	ug/L	ND	150	150	170	157	114	105	29-131	8	20				
4-Bromofluorobenzene (S)	%							90	89	72-125		20			
Dibromofluoromethane (S)	%							99	104	83-123		20			
Toluene-d8 (S)	%							97	96	81-114		20			

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061485

QC Batch: MSV/41355 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 5061485001, 5061485002, 5061485003, 5061485004, 5061485005

METHOD BLANK: 721332 Matrix: Solid

Associated Lab Samples: 5061485001, 5061485002, 5061485003, 5061485004, 5061485005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	04/17/12 01:08	
1,1,1-Trichloroethane	ug/kg	ND	5.0	04/17/12 01:08	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	04/17/12 01:08	
1,1,2-Trichloroethane	ug/kg	ND	5.0	04/17/12 01:08	
1,1-Dichloroethane	ug/kg	ND	5.0	04/17/12 01:08	
1,1-Dichloroethene	ug/kg	ND	5.0	04/17/12 01:08	
1,1-Dichloropropene	ug/kg	ND	5.0	04/17/12 01:08	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	04/17/12 01:08	
1,2,3-Trichloropropane	ug/kg	ND	5.0	04/17/12 01:08	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	04/17/12 01:08	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	04/17/12 01:08	
1,2-Dichlorobenzene	ug/kg	ND	5.0	04/17/12 01:08	
1,2-Dichloroethane	ug/kg	ND	5.0	04/17/12 01:08	
1,2-Dichloropropane	ug/kg	ND	5.0	04/17/12 01:08	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
1,3-Dichlorobenzene	ug/kg	ND	5.0	04/17/12 01:08	
1,3-Dichloropropane	ug/kg	ND	5.0	04/17/12 01:08	
1,4-Dichlorobenzene	ug/kg	ND	5.0	04/17/12 01:08	
2,2-Dichloropropane	ug/kg	ND	5.0	04/17/12 01:08	
2-Butanone (MEK)	ug/kg	ND	25.0	04/17/12 01:08	
2-Chlorotoluene	ug/kg	ND	5.0	04/17/12 01:08	
2-Hexanone	ug/kg	ND	100	04/17/12 01:08	
4-Chlorotoluene	ug/kg	ND	5.0	04/17/12 01:08	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	04/17/12 01:08	
Acetone	ug/kg	ND	100	04/17/12 01:08	
Acrolein	ug/kg	ND	100	04/17/12 01:08	
Acrylonitrile	ug/kg	ND	100	04/17/12 01:08	
Benzene	ug/kg	ND	5.0	04/17/12 01:08	
Bromobenzene	ug/kg	ND	5.0	04/17/12 01:08	
Bromochloromethane	ug/kg	ND	5.0	04/17/12 01:08	
Bromodichloromethane	ug/kg	ND	5.0	04/17/12 01:08	
Bromoform	ug/kg	ND	5.0	04/17/12 01:08	
Bromomethane	ug/kg	ND	5.0	04/17/12 01:08	
Carbon disulfide	ug/kg	ND	10.0	04/17/12 01:08	
Carbon tetrachloride	ug/kg	ND	5.0	04/17/12 01:08	
Chlorobenzene	ug/kg	ND	5.0	04/17/12 01:08	
Chloroethane	ug/kg	ND	5.0	04/17/12 01:08	
Chloroform	ug/kg	ND	5.0	04/17/12 01:08	
Chloromethane	ug/kg	ND	5.0	04/17/12 01:08	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	04/17/12 01:08	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	04/17/12 01:08	
Dibromochloromethane	ug/kg	ND	5.0	04/17/12 01:08	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061485

METHOD BLANK: 721332

Matrix: Solid

Associated Lab Samples: 5061485001, 5061485002, 5061485003, 5061485004, 5061485005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	04/17/12 01:08	
Dichlorodifluoromethane	ug/kg	ND	5.0	04/17/12 01:08	
Ethyl methacrylate	ug/kg	ND	100	04/17/12 01:08	
Ethylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	04/17/12 01:08	
Iodomethane	ug/kg	ND	100	04/17/12 01:08	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	04/17/12 01:08	
Methyl-tert-butyl ether	ug/kg	ND	5.0	04/17/12 01:08	
Methylene Chloride	ug/kg	ND	20.0	04/17/12 01:08	
n-Butylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
n-Hexane	ug/kg	ND	5.0	04/17/12 01:08	
n-Propylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
Naphthalene	ug/kg	ND	5.0	04/17/12 01:08	
p-Isopropyltoluene	ug/kg	ND	5.0	04/17/12 01:08	
sec-Butylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
Styrene	ug/kg	ND	5.0	04/17/12 01:08	
tert-Butylbenzene	ug/kg	ND	5.0	04/17/12 01:08	
Tetrachloroethene	ug/kg	ND	5.0	04/17/12 01:08	
Toluene	ug/kg	ND	5.0	04/17/12 01:08	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	04/17/12 01:08	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	04/17/12 01:08	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	04/17/12 01:08	
Trichloroethene	ug/kg	ND	5.0	04/17/12 01:08	
Trichlorofluoromethane	ug/kg	ND	5.0	04/17/12 01:08	
Vinyl acetate	ug/kg	ND	100	04/17/12 01:08	
Vinyl chloride	ug/kg	ND	5.0	04/17/12 01:08	
Xylene (Total)	ug/kg	ND	10.0	04/17/12 01:08	
4-Bromofluorobenzene (S)	%	95	67-134	04/17/12 01:08	
Dibromofluoromethane (S)	%	105	71-125	04/17/12 01:08	
Toluene-d8 (S)	%	102	76-124	04/17/12 01:08	

LABORATORY CONTROL SAMPLE: 721333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	45.7	91	68-125	
1,1,1-Trichloroethane	ug/kg	50	48.2	96	63-124	
1,1,2,2-Tetrachloroethane	ug/kg	50	56.4	113	73-123	
1,1,2-Trichloroethane	ug/kg	50	47.8	96	70-124	
1,1-Dichloroethane	ug/kg	50	43.8	88	63-122	
1,1-Dichloroethene	ug/kg	50	50.9	102	71-129	
1,1-Dichloropropene	ug/kg	50	46.6	93	71-122	
1,2,3-Trichlorobenzene	ug/kg	50	52.0	104	68-123	
1,2,3-Trichloropropane	ug/kg	50	77.4	155	47-117 L3	
1,2,4-Trichlorobenzene	ug/kg	50	47.5	95	68-125	
1,2,4-Trimethylbenzene	ug/kg	50	51.4	103	69-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061485

LABORATORY CONTROL SAMPLE: 721333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	49.3	99	67-121	
1,2-Dichlorobenzene	ug/kg	50	50.8	102	71-121	
1,2-Dichloroethane	ug/kg	50	52.6	105	74-120	
1,2-Dichloropropane	ug/kg	50	46.0	92	71-117	
1,3,5-Trimethylbenzene	ug/kg	50	49.3	99	64-119	
1,3-Dichlorobenzene	ug/kg	50	49.4	99	70-122	
1,3-Dichloropropane	ug/kg	50	46.1	92	68-118	
1,4-Dichlorobenzene	ug/kg	50	47.9	96	71-118	
2,2-Dichloropropane	ug/kg	50	42.3	85	62-119	
2-Butanone (MEK)	ug/kg	250	248	99	38-154	
2-Chlorotoluene	ug/kg	50	49.1	98	71-120	
2-Hexanone	ug/kg	250	281	112	50-134	
4-Chlorotoluene	ug/kg	50	48.5	97	72-123	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	273	109	66-122	
Acetone	ug/kg	250	252	101	10-200	
Acrolein	ug/kg	1000	1180	118	11-200	
Acrylonitrile	ug/kg	1000	933	93	66-120	
Benzene	ug/kg	50	48.7	97	73-115	
Bromobenzene	ug/kg	50	49.3	99	64-130	
Bromochloromethane	ug/kg	50	40.6	81	71-127	
Bromodichloromethane	ug/kg	50	47.7	95	60-121	
Bromoform	ug/kg	50	34.7	69	44-130	
Bromomethane	ug/kg	50	57.9	116	48-175	
Carbon disulfide	ug/kg	100	108	108	71-126	
Carbon tetrachloride	ug/kg	50	44.2	88	57-127	
Chlorobenzene	ug/kg	50	56.7	113	72-121	
Chloroethane	ug/kg	50	48.2	96	72-141	
Chloroform	ug/kg	50	48.4	97	74-114	
Chloromethane	ug/kg	50	43.4	87	51-126	
cis-1,2-Dichloroethene	ug/kg	50	50.7	101	72-115	
cis-1,3-Dichloropropene	ug/kg	50	44.9	90	64-115	
Dibromochloromethane	ug/kg	50	41.2	82	58-114	
Dibromomethane	ug/kg	50	52.3	105	73-120	
Dichlorodifluoromethane	ug/kg	50	50.6	101	32-167	
Ethyl methacrylate	ug/kg	200	180	90	65-117	
Ethylbenzene	ug/kg	50	44.4	89	73-120	
Hexachloro-1,3-butadiene	ug/kg	50	45.7	91	65-121	
Iodomethane	ug/kg	100	102	102	45-156	
Isopropylbenzene (Cumene)	ug/kg	50	44.2	88	74-123	
Methyl-tert-butyl ether	ug/kg	100	93.3	93	69-123	
Methylene Chloride	ug/kg	50	46.3	93	58-124	
n-Butylbenzene	ug/kg	50	49.6	99	71-118	
n-Hexane	ug/kg	50	41.7	83	50-106	
n-Propylbenzene	ug/kg	50	52.2	104	70-120	
Naphthalene	ug/kg	50	52.1	104	67-124	
p-Isopropyltoluene	ug/kg	50	51.9	104	71-123	
sec-Butylbenzene	ug/kg	50	45.5	91	66-122	
Styrene	ug/kg	50	44.5	89	75-118	

QUALITY CONTROL DATA

Project: Hamilton Towing

Pace Project No.: 5061485

LABORATORY CONTROL SAMPLE: 721333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	42.1	84	54-124	
Tetrachloroethene	ug/kg	50	56.7	113	66-126	
Toluene	ug/kg	50	51.1	102	69-115	
trans-1,2-Dichloroethene	ug/kg	50	46.8	94	69-120	
trans-1,3-Dichloropropene	ug/kg	50	41.7	83	61-116	
trans-1,4-Dichloro-2-butene	ug/kg	200	185	92	59-130	
Trichloroethene	ug/kg	50	52.0	104	71-117	
Trichlorofluoromethane	ug/kg	50	51.6	103	67-138	
Vinyl acetate	ug/kg	200	183	92	35-134	
Vinyl chloride	ug/kg	50	45.1	90	64-127	
Xylene (Total)	ug/kg	150	153	102	69-117	
4-Bromofluorobenzene (S)	%			93	67-134	
Dibromofluoromethane (S)	%			105	71-125	
Toluene-d8 (S)	%			97	76-124	

QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

QC Batch: OEXT/29343 Analysis Method: EPA 8270 by SIM LVE
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH LV by SIM MSSV
Associated Lab Samples: 5061485020, 5061485021, 5061485022, 5061485023, 5061485024, 5061485025, 5061485026, 5061485027

METHOD BLANK: 720960 Matrix: Water
Associated Lab Samples: 5061485020, 5061485021, 5061485022, 5061485023, 5061485024, 5061485025, 5061485026, 5061485027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/L	ND	0.10	04/17/12 13:49	
Benzo(a)pyrene	ug/L	ND	0.10	04/17/12 13:49	
Benzo(b)fluoranthene	ug/L	ND	0.10	04/17/12 13:49	
Benzo(k)fluoranthene	ug/L	ND	0.10	04/17/12 13:49	
Chrysene	ug/L	ND	0.50	04/17/12 13:49	
Dibenz(a,h)anthracene	ug/L	ND	0.10	04/17/12 13:49	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	04/17/12 13:49	
Naphthalene	ug/L	ND	1.0	04/17/12 13:49	
2-Fluorobiphenyl (S)	%	78	26-106	04/17/12 13:49	
p-Terphenyl-d14 (S)	%	92	16-111	04/17/12 13:49	

LABORATORY CONTROL SAMPLE: 720961

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/L	10	8.4	84	51-119	
Benzo(a)pyrene	ug/L	10	8.8	88	52-124	
Benzo(b)fluoranthene	ug/L	10	9.3	93	51-122	
Benzo(k)fluoranthene	ug/L	10	8.4	84	53-123	
Chrysene	ug/L	10	8.3	83	54-118	
Dibenz(a,h)anthracene	ug/L	10	6.8	68	49-114	
Indeno(1,2,3-cd)pyrene	ug/L	10	7.1	71	49-114	
Naphthalene	ug/L	10	6.5	65	27-103	
2-Fluorobiphenyl (S)	%			66	26-106	
p-Terphenyl-d14 (S)	%			76	16-111	

QUALITY CONTROL DATA

Project: Hamilton Towing
Pace Project No.: 5061485

QC Batch: OEXT/29344 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270 MSSV PAH by SIM
Associated Lab Samples: 5061485001, 5061485002, 5061485003, 5061485004, 5061485005

METHOD BLANK: 720968 Matrix: Solid
Associated Lab Samples: 5061485001, 5061485002, 5061485003, 5061485004, 5061485005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/kg	ND	5.0	04/18/12 02:53	
Benzo(a)pyrene	ug/kg	ND	5.0	04/18/12 02:53	
Benzo(b)fluoranthene	ug/kg	ND	5.0	04/18/12 02:53	
Benzo(k)fluoranthene	ug/kg	ND	5.0	04/18/12 02:53	
Chrysene	ug/kg	ND	5.0	04/18/12 02:53	
Dibenz(a,h)anthracene	ug/kg	ND	5.0	04/18/12 02:53	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	5.0	04/18/12 02:53	
Naphthalene	ug/kg	ND	5.0	04/18/12 02:53	
2-Fluorobiphenyl (S)	%	80	46-109	04/18/12 02:53	
p-Terphenyl-d14 (S)	%	90	43-107	04/18/12 02:53	

LABORATORY CONTROL SAMPLE: 720969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	333	296	89	52-122	
Benzo(a)pyrene	ug/kg	333	304	91	56-131	
Benzo(b)fluoranthene	ug/kg	333	302	91	54-125	
Benzo(k)fluoranthene	ug/kg	333	288	86	55-128	
Chrysene	ug/kg	333	296	89	56-118	
Dibenz(a,h)anthracene	ug/kg	333	296	89	56-125	
Indeno(1,2,3-cd)pyrene	ug/kg	333	296	89	56-124	
Naphthalene	ug/kg	333	235	70	52-112	
2-Fluorobiphenyl (S)	%			83	46-109	
p-Terphenyl-d14 (S)	%			97	43-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 720970 720971

Parameter	Units	5061483009		720970		720971		% Rec	% Rec	% Rec	Max	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec					
Benzo(a)anthracene	ug/kg	258	364	364	420	345	45	24	36-105	20	20	M0
Benzo(a)pyrene	ug/kg	313	364	364	437	353	34	11	34-113	21	20	M0,R1
Benzo(b)fluoranthene	ug/kg	333	364	364	453	373	33	11	33-111	19	20	M0
Benzo(k)fluoranthene	ug/kg	248	364	364	397	334	41	23	31-116	17	20	M0
Chrysene	ug/kg	320	364	364	444	364	34	12	34-109	20	20	M0
Dibenz(a,h)anthracene	ug/kg	114	364	364	237	212	34	27	32-111	11	20	M0
Indeno(1,2,3-cd)pyrene	ug/kg	240	364	364	352	294	31	15	27-113	18	20	M0
Naphthalene	ug/kg	ND	364	364	163	160	36	35	45-106	2	20	1d,M0
2-Fluorobiphenyl (S)	%						40	42	46-109		20	S4
p-Terphenyl-d14 (S)	%						46	43	43-107		20	

QUALIFIERS

Project: Hamilton Towing
Pace Project No.: 5061485

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1d The sample was analyzed at dilution due to its physical characteristics. 4-19-12 RRB

L0 Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

N2 The lab does not hold TNI accreditation for this parameter.

R1 RPD value was outside control limits.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Hamilton Towing
Pace Project No.: 5061485

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
5061485020	GP-2	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485021	GP-4	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485022	GP-6	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485023	GP-8	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485024	GP-9	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485025	GP-11	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485026	GP-17	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485027	GP-18	EPA 3510	OEXT/29343	EPA 8270 by SIM LVE	MSSV/9974
5061485001	GP-9 0-5	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061485002	GP-15 0-5	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061485003	GP-16 10-15	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061485004	GP-18 0-5	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061485005	GP-19 10-15	EPA 3546	OEXT/29344	EPA 8270 by SIM	MSSV/9978
5061485020	GP-2	EPA 8260	MSV/41384		
5061485021	GP-4	EPA 8260	MSV/41356		
5061485022	GP-6	EPA 8260	MSV/41356		
5061485023	GP-8	EPA 8260	MSV/41356		
5061485024	GP-9	EPA 8260	MSV/41356		
5061485025	GP-11	EPA 8260	MSV/41356		
5061485026	GP-17	EPA 8260	MSV/41356		
5061485027	GP-18	EPA 8260	MSV/41356		
5061485001	GP-9 0-5	EPA 8260	MSV/41355		
5061485002	GP-15 0-5	EPA 8260	MSV/41355		
5061485003	GP-16 10-15	EPA 8260	MSV/41355		
5061485004	GP-18 0-5	EPA 8260	MSV/41355		
5061485005	GP-19 10-15	EPA 8260	MSV/41355		
5061485001	GP-9 0-5	ASTM D2974-87	PMST/6954		
5061485002	GP-15 0-5	ASTM D2974-87	PMST/6954		
5061485003	GP-16 10-15	ASTM D2974-87	PMST/6954		
5061485004	GP-18 0-5	ASTM D2974-87	PMST/6954		
5061485005	GP-19 10-15	ASTM D2974-87	PMST/6954		
5061485006	GP-9 5-10	ASTM D2974-87	PMST/6954		
5061485007	GP-9 10-15	ASTM D2974-87	PMST/6954		
5061485008	GP-9 15-20	ASTM D2974-87	PMST/6954		
5061485009	GP-9 20-25	ASTM D2974-87	PMST/6954		
5061485010	GP-15 5-10	ASTM D2974-87	PMST/6954		
5061485011	GP-15 10-15	ASTM D2974-87	PMST/6954		
5061485012	GP-16 0-5	ASTM D2974-87	PMST/6954		
5061485013	GP-16 5-10	ASTM D2974-87	PMST/6954		
5061485014	GP-18 5-10	ASTM D2974-87	PMST/6954		
5061485015	GP-18 10-15	ASTM D2974-87	PMST/6954		
5061485016	GP-18 15-20	ASTM D2974-87	PMST/6954		
5061485017	GP-18 20-25	ASTM D2974-87	PMST/6954		
5061485018	GP-19 0-5	ASTM D2974-87	PMST/6954		
5061485019	GP-19 5-10	ASTM D2974-87	PMST/6954		



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 3

Invoice Number: **1542310**

Section A
 Required Client Information:
 Company: Wightman Petrie
 Address: 412 S. Lafayette
 Phone: 504-232-4388 Fax: 504-232-4333
 Email To: petrie@wightmanpetrie.com
 Requested Due Date/TAT: _____

Section B
 Required Project Information:
 Report To: C. Pifer
 Copy To: A. Soens
 Purchase Order No.: _____
 Project Name: Hamilton Towing
 Project Number: _____

Section C
 Invoice Information:
 Attention: Kim Bowman
 Company Name: _____
 Address: _____
 Pace Quote Reference: _____
 Pace Project Manager: _____
 Pace Profile #: _____

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____

Site Location
 STATE: LA

ITEM #	SAMPLE ID (A-Z, 0-9 / -)	Matrix Codes MATRIX / CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	Preservatives	Analysis Test	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB							
1	GP-9 0-5	Drinking Water	4/12/12	1:58	G	SL	Unpreserved	XX		100	
2	GP-9 5-10	Water		2:02						Hold -004	
3	GP-9 10-15	Waste Water		2:04						Hold -007	
4	GP-9 15-20	Product		2:07						Hold -008	
5	GP-9 20-25	Soil/Solid		2:12						Hold -004	
6	GP-15 0-5	Oil		11:56						Hold -002	
7	GP-15 5-10	Wipe		12:00						Hold -010	
8	GP-15 10-15	Air		12:01						Hold -011	
9	GP-16 0-5	Tissue		1:30						Hold -012	
10	GP-16 5-10	Other		1:33						Hold -013	
11	GP-16 10-15			1:37						Hold -003	
12	GP-18 0-5			12:22						Hold -004	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in C	Received on	Ice (Y/N)	Custody	Sealed Cooler	Samples Intact
	<i>[Signature]</i>	4/13/12	4:00	<i>[Signature]</i>	4/13/12	10:37	21	Y	Y	Y	Y	Y
							15					
							28					
							19					

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Andy Soens
 SIGNATURE of SAMPLER: *[Signature]*
 DATE Signed (MM/DD/YY): 04/13/12

WF/Fedex 2



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 3 of 3
1542315

Section A
 Required Client Information:
 Company: Wilton Petrie
 Address: 412 S. Lafayette
S. Bend, IN 46601
 Email To: COA@wiltonpetrie.com
 Phone: 571-272-4388 Fax: 571-272-4399
 Requested Due Date/TAT:

Section B
 Required Project Information:
 Report To: C. Phifer
 Copy To: A. Seans
 Purchase Order No.:
 Project Name: Hamilton Towing
 Project Number:

Section C
 Invoice Information:
 Attention: Kim Bowman
 Company Name:
 Address:
 Pace Quote Reference:
 Pace Project Manager:
 Pace Profile #:

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER

Site Location
 STATE: IN

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB							
25	GP-11	DW WT WW P SL OL WP AR TS OT	DATE	TIME	DATE	TIME	Unpreserved				5061485
26	GP-17		4/12/12	9:21			HCl	X			-025 V14
27	GP-18		4/12/12	11:25			NaOH	X			-026 V18
28	Temp Blank		4/12/12	1:00			H ₂ SO ₄	X			-027 V19
							HNO ₃				005
							Other				-000
							Methanol				V11
							Na ₂ S ₂ O ₃				V12
							Analysis Test ↑				V13
							VOCs	X			V14
							PAHs	X			V15

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION: [Signature] DATE: 4/13/12 TIME: 4:00

ACCEPTED BY / AFFILIATION: [Signature] DATE: 4/14/12 TIME: 10:37

Temp in °C: 2.1 Received on: Y Custody Sealed Cooler: Y Samples Intact: Y

Temp in °C: 1.5 Received on: Y Custody Sealed Cooler: Y Samples Intact: Y

Temp in °C: 2.8 Received on: Y Custody Sealed Cooler: Y Samples Intact: Y

Temp in °C: 1.9 Received on: Y Custody Sealed Cooler: Y Samples Intact: Y

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Andrew Speas DATE Signed (MM/DD/YY): 04/13/12
 SIGNATURE of SAMPLER: [Signature]

Sample Condition Upon Receipt



Client Name: Wrightman Petrie Project # 5061485

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: 8996 0344 2700

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Date/Time 5035A kits placed in freezer <u>4/14/12 1047</u>

Packing Material: Bubble Wrap Bubble Bags None Other Ziplock

Thermometer Used 12346 ABCDE Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 2-1/15/2-8/19°C Ice Visible in Sample Containers: yes no

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: <u>KO 4/14/12</u>
--

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4. <u>Ko Wright</u>
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5. <u>TC's</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Containers Intact:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7. <u>GP-2 VOA 1 Broken</u>
Sample Labels match COC: <small>-Includes date/time/ID/Analysis</small>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
All containers needing acid/base pres. have been checked? <small>exceptions: VOA, coliform, TOC, O&G</small>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	9. (Circle) HNO3 H2SO4 NaOH HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Project Manager Review		
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Kenneth Hunt Date: 4/14/12

Sample Container Count

CLIENT: Wrightman Petrie



COC PAGE 1 of 3

COC ID# _____

Project # 5061485

Sample Line Item	DG9H	AG1U	WGFU R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	Comments
1			1									
2			4									
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Container Codes

Container Code	Description	AF	Air Filter	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
DG9H	40mL HCL amber vial	AG1H	1 liter HCL amber glass	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
AG1U	1 liter unpreserved amber glass	AG1S	1 liter H2SO4 amber glass	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
WG9U	4oz clear soil jar	AG1T	1 liter Na Thiosulfate amber gl	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
R	terra core kit	AG2N	500mL HNO3 amber glass	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP2N	500mL HNO3 plastic	AG2S	500mL H2SO4 amber glass	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP2U	500mL unpreserved plastic	AG2U	500mL unpreserved amber gla	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP2S	500mL H2SO4 plastic	AG3U	250mL unpreserved amber gla	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP3N	250mL HNO3 plastic	AG3H	1 liter HCL clear glass	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP3U	250mL unpreserved plastic	BG1S	1 liter H2SO4 clear glass	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP3S	250mL H2SO4 plastic	BG1T	1 liter Na Thiosulfate clear gla	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
AG3S	250mL H2SO4 glass amber	BG1U	1 liter unpreserved glass	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
AG1S	1 liter H2SO4 amber glass	BP1A	1 liter NaOH, Asc Acid plastic	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
BP1U	1 liter unpreserved plastic			BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC

CLIENT: Wrightman Petrie

Sample Container Count



COC PAGE 2 of 3

COC ID# _____

Project # 506485

Amber
COE

Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	Comments
1													
2													
3													
4													
5													
6													
7													
8													1 broken
9													
10													
11													
12													

Container Codes

Container Code	Description	AF	Air Filter	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
DG9H	40mL HCL amber vial																											
AG1U	1 liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
WG9U	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass																									
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl																									
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass																									
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass																									
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla																									
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla																									
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass																									
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass																									
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla																									
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass																									
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic																									

Sample Container Count

CLIENT: Wrightman Petric

COC PAGE 3 of 3

COC ID# _____

Project # 5061485

Per
Form



Sample Line Item	DG9H	AG1U	WGFU	R 4/6	BP2N	BP2U	BP2S	BP3N	BP3U	BP3S	AG3S	AG1H	Comments
1	3												
2	3												
3	3												
4													
5													
6													
7													
8													
9													
10													
11													
12													

Container Codes	AF	Air Filter	BP1N	BP1S	BP1U	BP1Z	BP2A	BP2O	BP2Z	BP3A	BP3C	BP3Z	C	DG9B	DG9M	DG9P	DG9S	DG9T	DG9U	JGFU	U	VG9H	VG9T	VG9U	VSG	WGFX	ZPLC
DG9H	40mL HCL	amber vov vial																									
AG1U	1liter unpreserved	amber glass																									
WGFU	4oz clear soil jar																										
R	terra core kit																										
BP2N	500mL HNO3 plastic																										
BP2U	500mL unpreserved plastic																										
BP2S	500mL H2SO4 plastic																										
BP3N	250mL HNO3 plastic																										
BP3U	250mL unpreserved plastic																										
BP3S	250mL H2SO4 plastic																										
AG3S	250mL H2SO4 glass amber																										
AG1S	1 liter H2SO4 amber glass																										
BP1U	1 liter unpreserved plastic																										