

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**St. Vincent de Paul Facility
South Bend, Indiana**

Project No. 2011-5081

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Prepared For:

**CITY OF SOUTH BEND
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SURVEYING ENGINEERING ENVIRONMENTAL LANDSCAPE ARCHITECTURE

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1.0 SUMMARY

Wightman Petrie has performed a Phase I Environmental Assessment of the St. Vincent DePaul Society Thrift Store of St. Joseph County's, located at 3408 Ardmore Trail, in South Bend, Indiana. Our Phase I Report was performed in conformance with the scope and limitations of ASTM Practice E 1527-05.

The subject site constitutes approximately 7.939-acres of land that has been developed with 1979 construction of an approximate 84,000 sq. ft. retail center. The existing structure is constructed as a combination of poured in place concrete and concrete masonry, with steel girders supporting a roof deck.

Currently operated by the St. Vincent DePaul Society of St. Joseph County for the resale of clothing and other donated goods to the general public, operations consist of the following:

- 1) Donation Center – area where donations are received from the general public.
- 2) Processing Center – donated goods are stockpiled for sorting as to use and functionality; clothes are cleaned; unusable clothes are either discarded or stockpiled for donation as rags.
- 3) Appliance Repair/Testing – appliances of all types are tested for functionality, repaired as needed and checked for safety. Outdated or non-functioning units are dismantled for parts, with remainder forwarded to scrap company for scrap metal prices.
- 4) Truck Parking Garage – fleet of four trucks are parked and unloaded overnight
- 5) Retail store – Display and sale of donated items.
- 6) Administrative Offices – accounting personnel and administrative staff (includes numerous vacant offices on ground floor and mezzanine level as all accounting and administrative functions currently being transferred to new location).
- 7) Former Friends of the St. Joseph Library Sales Area – previously served as an area for book sales; however, currently vacant space as St. Joseph County Public Library purchased additional facilities adjacent to Main Branch in downtown South Bend for conducting fundraising events. Vacant areas more recently used in support of the St. Vincent DePaul Christmas Donation Program.

The facility, which is being considered for acquisition by the City of South Bend, has operated at this location since 1999. Prior to that, the facility operated as a Target Store/Ayr-Way retail store, dating to initial development in 1979.

The subject site was not identified by the regulatory database search as a facility for which environmentally regulated activities were known to exist. Given the nature of historical operations it is unlikely that significant volumes of petroleum product or hazardous materials were either stored, or used at the facility. Current operations of the St. Vincent DePaul Thrift Store effectively address donations of paint and other commonplace materials having a potential for environmental impact (i.e., fluorescent lights, etc.) by forwarding to the Michiana Recycle Center for effective disposal and/or fuel blending. Similarly, propane tanks collected with the donation of grill units, or tires as a result of direct donation, are forwarded to Veldman's Service Center for proper handling. Finally, we note that even though the operations of St. Vincent DePaul involve the use of a fleet of trucks for home or business pick-up of donated goods, there is no vehicle maintenance activities performed at the subject site

(contracted to an off-site vendor). There were no underground or aboveground storage tanks associated with fleet fueling identified during the site reconnaissance (contracted to an off-site vendor). Only incidental staining of the paved parking lot as a result of vehicle (patron) parking was noted.

The facility is currently, and has historically been connected to the municipal (City of South Bend) water supply and sanitary sewer services. There were no pits, ponds lagoons or other surface water bodies identified on the subject site, which is almost entirely covered by either the building footprint or associated paved parking areas and access drives.

In summary, there were no Recognized Environmental Conditions identified with respect to either current or historical operations performed by the St. Vincent DePaul Society of St. Joseph County as a Thrift Store for re-sale of donated goods and materials. Similarly, there were no historical Recognized Environmental Conditions identified with respect to the former operations of the Target Store/Ayr-Way retail stores, which date to original development from vacant land in 1979.

The regulatory database did not identify any regulated facilities of significant environmental concern, having a potential to impact the subject property based on factors that include: 1) location relative to the subject site, 2) topography, 3) presumed groundwater flow direction (southeasterly), 4) extent to which Remedial Action or Corrective Action has occurred, and 5) level of IDEM or EPA involvement to date. Furthermore, visual reconnaissance did not identify concerns associated with adjacent properties. As such, there would not appear to be any conditions that would warrant further investigations with respect to off-site sources.

2.0 INTRODUCTION

2.1 Purpose

Wightman Petrie understands that the subject site, located at 3408 Ardmore Trail in South Bend, currently owned by the St. Vincent DePaul Society of St. Joseph County, consists of approximately 7.939-acres of land (Parcel # 71-08-04-277-002.000-026) that has been developed with 1979 construction of an approximate 84,000 sq. ft. retail center, being considered for acquisition by the City of South Bend. However, prior to acquisition, the City of South Bend, Community and Economic Development, has commissioned a Phase I Environmental Site Assessment for the purpose of identifying any recognized environmental conditions (RECs), and potential environmental liabilities. Accordingly, Wightman Petrie has been authorized (signed proposal WP11-038, dated August 29, 2011) by the City of South Bend Redevelopment Commission for the completion of the requested Phase I Environmental Site Assessment.

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

The 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.
- 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.
- Preparation of this report presenting our findings and conclusions

2.3 Significant Assumptions

In the completion of this Phase I Environmental Site Assessment, Wightman Petrie 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 Wightman Petrie 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. Wightman Petrie 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 Wightman Petrie 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 most reliable means for evaluating subsurface conditions is through intrusive sampling techniques, which are beyond the scope of a Phase I Environmental Site Assessment.

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 qualification under the Landowner Liability Protections under CERCLA. Wightman Petrie 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, through its' Redevelopment Commission, as it relates to the proposed acquisition and/or development and use of the St. Vincent DePaul Thrift Store, located at 3408 Ardmore Trail, in South Bend, Indiana, subject to the qualifications and certifications herein. Use of this report for purposes beyond those reasonably intended by the City of South Bend, through its' Redevelopment Commission and Wightman Petrie, is at the sole risk of the user. Should third parties wish to rely on this report, please have them contact us 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

According to the Limited Warranty Deed, dated February 26, 1999, whereby The Dayton Hudson Corporation conveyed and warranted to St. Vincent DePaul Society of St. Joseph County, Inc., a non-profit Indiana corporation, land consistent with Tax Key No. 18-2191-719201 (Recorded February 26, 1999, Document No. 9909133), the following constitutes the Legal Description of the subject site:

A part of the Northeast Quarter of Section 4, Township 37 North, Range 2 East, of the Second P.M. Portage Township, City of South Bend, St. Joseph County, Indiana, described as follows:

Commencing at the intersection of the West Right-of-Way line of Bendix Drive and the North Right-of-Way line of Prabst Boulevard; thence North 89 degrees 19 minutes 44 seconds West along the North Right-of-Way line of Prabst Boulevard 626.58 feet to the point of beginning; thence continuing North 89 degrees 19 minutes 44 seconds West along the North Right-of-Way of Prabst Boulevard 480.00 feet; thence North 00 degrees 00 minutes 39 seconds East, 615.65 feet to the Southerly Right-of-Way of Ardmore Trail; thence North 65 degrees 07 minutes 07 seconds East, along the Southerly Right-of-Way of Ardmore Trail 266.37 feet; thence South 00 degrees 05 minutes 49 seconds East 129.27 feet; thence South 89 degrees 44 minutes 48 seconds East 238.10 feet; thence South 00 degrees 00 minutes 39 seconds West, 603.00 feet to the point of beginning.

3.2 Site and Vicinity General Characteristics

The subject site constitutes approximately 7.939-acres of land that has been developed with 1979 construction of an approximate 84,000 sq. ft. retail center. The facility historically operated as a Target Store from 1979 through 1995, and remained vacant through 1999, at which time the facility was converted to its current use as a Thrift Store. Given the more limited customer traffic through the facility, the northernmost extents of the paved parking lot are beginning to become somewhat overgrown. However, overall the facility is in relatively good condition.

The adjacent (east), two interconnected retail buildings were initially constructed at about the same period as that of the subject site, and have seen significant turnover until the more recent acquisition by the Faith Apostolic Ministries. Property uses to the north is stable and consists of the large Beacon Heights Apartment complex. Of note are the rather significant

manufacturing facilities of the Robert Bosch Company (automotive parts), which were originally operated as the Bendix Corporation, and later as Allied Signal (dating to before 1950). Lincolnway West, located approximately 0.2-miles north of the subject site serves as one of the Gateway Entries to the City of South Bend, and serves as a direct route to the Michiana Regional Airport. Other area streets and roadways are used predominately for residential access and or traffic to/from the Bosch facilities.

Elevations across the subject site are essentially level (approximately 725 feet), as a result of construction grading. However, with respect to the surrounding area, there exists a gradual slope from North (elevation of 753 feet 1-mile north of site) to South (elevation of 710 feet 1-mile south of the site). Similarly, there is a gradual slope from West (elevation of 746 feet 1-mile west of site) to East (elevation of 715 feet 1-mile east of the site). These elevations would be consistent with the St. Joseph River Valley Basin, for which surface topography is sloped toward the St. Joseph River, as the major hydrologic feature for the area (approximately 5-miles east of the subject site).

3.3 Current Uses of the Property

The subject site is currently owned and operated by the St. Vincent DePaul Society of St. Joseph County as a Thrift Store for the resale of clothing and other donated goods to the general public. Operations consist of the following:

- 1) Donation Center – area where donations are received from the general public.
- 2) Processing Center – donated goods are stockpiled for sorting as to use and functionality. Quality clothes are cleaned; unusable clothes are either discarded or stockpiled for donation as rags.
- 3) Appliance Repair/Testing – appliances of all types are tested for functionality, repaired as needed and checked for safety. Outdated or non-functioning units are dismantled for parts, with remainder forwarded to scrap company for scrap metal prices.
- 4) Truck Parking Garage – fleet of four trucks are parked and unloaded overnight
- 5) Retail store - display and sale of donated items.
- 6) Administrative Offices – accounting personnel and administrative staff (includes numerous vacant offices on ground floor and mezzanine level as all accounting and administrative functions currently being transferred to new location).
- 7) Former Friends of the St. Joseph Library Sales Area – previously served as an area for book sales; however currently vacant space as St. Joseph County Public Library purchased additional facilities adjacent to Main Branch in downtown South Bend for conducting fundraising events. Vacant areas more recently used in support of the St. Vincent DePaul Christmas Donation Program.

The facility is surrounded by paved parking to the north, with access and delivery drives present to the east, west and south. The access area to the south is fenced in order to restrict access to recyclable bins, propane tank storage and small transfer truck (van) parking.

3.4 Descriptions of Structures, Roads, Other Improvements

The existing structure is constructed as a combination of poured in place concrete and concrete masonry, with steel girders supporting a roof deck. The building has four ground level, high clearance roll-up doors to allow truck entry and unloading along the east side. Two

additional doors along the east side serve as a drive-up donation center, one of which has an abbreviated ramp. Finally, a seventh roll-up door is present with a southern exposure that allows for a metal deck leading to a hydraulic compactor unit to minimize the volume of waste from discarded donations (deemed non-resalable or no salvage value). Chain link fence surround the compactor unit, and provides for additional space for recycle bins.

Paved access/delivery drives are present to the west and east of the building, whereas drive-in access from Prabst Boulevard is available from the south, with another entry drive from Ardmore Trail to the north. Lighted and paved parking is available on the north side of the building. There are no other structures present on the subject site.

3.5 Current Uses of the Surrounding Properties

To the north, northwest and northeast of the subject site, across Ardmore Trail, is a South Bend Housing Authority apartment complex identified as the Beacon Heights Apartments. Also to the immediate northeast of the subject site is the LaSalle branch of the St. Joseph County Public Library (3232 Ardmore Trail). To the east of the subject site is a former retail shopping center that has largely transitioned to that of the Faith Apostolic Temple (909 N. Bendix Drive.) Present within the complex are the Worship Center, a Youth Center a Ministry Office and Day Care Center, as well as a restaurant identified as the Garden Wok, The Promise Hair Studio and Hair Ware Beauty Supply. To the south, southeast and southwest of the subject site is Prabst Boulevard, across which is a large vacant lot that has historically served as a parking area for Bendix Corporation/Allied Signal /Bosch Corporation facilities (further south) dating back to at least 1945, as Bendix Corporation. This same area also historically served as the City of South Bend's, Bendix Playground and Pool. To the west of the subject site is a large grass-covered and vacant lot that has a western extent whereby Prabst Boulevard curves and eventually intersects with Ardmore Trail. At this point of intersection are a series of Unity Gardens, and what appears to be a stromwater retention area for the City of South Bend.

4.0 USER PROVIDED INFORMATION

4.1 Chain of Ownership

No chain of ownership was provided for this report. Wightman Petrie was able to obtain a copy of the Limited Warranty Deed transferring ownership of the subject site from Dayton-Hudson Corporation, Inc. to St. Vincent DePaul Society of St. Joseph, Inc., dated February 26, 1999. A review of the St. Joseph County Tax Assessor's Property Card indicates that Dayton-Hudson Corporation purchased the subject site on October 21, 1980. The St. Joseph County Tax Assessor's Property Card also indicates a year of construction for the facility as 1979. (Copies presented in Appendix G).

4.2 Environmental Liens

Mr. David Relos of the City of South Bend, Department of Community and Economic Development, indicated that he was not aware of any environmental liens associated with the subject site. Similarly, Ms. Alicia McMurtrie, Director of Thrift Stores and Operations for St.

Vincent DePaul Society, was not aware of any environmental liens or environmental concerns associated with the subject site.

4.3 Specialized Knowledge

Mr. Relos maintained no specialized knowledge with respect to the intended purchase and future use of the subject site. Mr. Relos indicated that the City of South Bend trying to facilitate additional retail development for the area of the subject site, given the impending relocation of St. Vincent DePaul operations to another facility.

4.4 Commonly Known or Reasonably Ascertainable Information

Only commonly known or reasonably ascertainable information was used in preparation of this report. St. Vincent DePaul did not provide the City of South Bend or Wightman Petrie with any previous environmental assessment reports specific to the subject site.

4.5 Valuation Reduction for Environmental Issues

Although valuation of the property is not known to Wightman Petrie, it is the opinion of Mr. David Relos that the value of the property has not been reduced due to real or perceived environmental concerns.

4.6 Owner, Property Manager, and Occupant Information

The subject site is currently owned and occupied by the St. Vincent DePaul Society of St. Joseph, Inc., a non-profit Indiana corporation for the resale of donated merchandise to the general public (i.e., referred to as a Thrift Store). St. Vincent DePaul purchased the property from Dayton Hudson Corporation, which operated the facility from initial construction in 1979 through 1995 as a retail store (initially Ayr-Way and subsequently Target Store). The store was vacant from at least 1995 through early 1999. Other than the aforementioned, the only other tenant/occupant of the subject site was the Friends of the St. Joseph County Library, which periodically offered conducted Public Book Sales.

Currently, St. Vincent DePaul also serves as Property Manager for care of the building and maintenance of the subject site, through what used to be an on-site representative. However, we note that St. Vincent DePaul has recently transferred the majority of its administrative staff to another facility, with the intent of selling the subject site to the City of South Bend and relocating Thrift Store operations.

4.7 Reason for Performing Phase I

It is our understanding that the City of South Bend is interested in potential acquisition of the subject site, consisting of approximately 7.939-acres of land that is developed with an approximate 84,000 sq. ft. Thrift Center operated as the St. Vincent DePaul Society of St. Joseph County, Inc.

Prior to potential purchase of the subject site, a Phase I Environmental Site Assessment has been requested by the City of South Bend, Redevelopment Commission. The Phase I is being requested to satisfy one of the requirements for limited liability protection under CERCLA, and

for the purpose of identification of potential environmental conditions that could materially impact future use of the subject property, or result in significant cost implications for environmental clean-up.

Accordingly, Wightman Petrie was retained to proceed with the completion of a Phase I Environmental Site Assessment of the subject site, in South Bend, Indiana.

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 March 2011, 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 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 March 2011, 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 March 2011, 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 December 2010, 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 May 2011, 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 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 February 2011, the following information was found:

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

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 EPA. On the EPA's CERCLIS/NFRAP List, dated February 2011, 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
Allied Signal Bendix	401 N. Bendix Drive	Approximately 0.339-miles SSE of subject site (Facility was initially the subject of Preliminary Investigation/Site Investigation (1983) that resulted in a determination of low priority for further assessment and that the site was not eligible for inclusion on the National Priority List (Archived August 1, 1983); Preliminary Assessment performed in October 1993 resulted in a deferral to the RCRA Subtitle C Program for follow-up.
Allied Signal/Corporation	717 N. Bendix Drive	Approximately 0.339-miles SSE of subject site (Initial Discovery dates to November 1987; Preliminary Assessment completed as of August 1990, with subsequent deferral to the RCRA Subtitle C Program for follow-up (Archived as of September 1998)

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 March 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:

In January 1983, the Bendix Corporation was acquired by Allied Corporation (later Allied-Signal). Production at the facility included automotive brake and steering, aircraft fuel controls, aircraft wheels, brakes and landing gear. The aforementioned operations, over many years, resulted in the generation of numerous waste streams, most of which were shipped off-site for disposal. However, some were stored on-site in a designated hazardous waste storage area, and a limited amount was historically disposed in pits and dumps around the site.

An initial Preliminary Assessment was performed under the CERCLA Program in March of 1983; however, based upon a site inspection conducted in August 1983, a determination of No Further Action was made, with subsequent Archive of the file record.

As a manufacturing facility, numerous spills also occurred in and around the complex. In December 1991, a study completed by an Allied consultant identified the presence of soil and groundwater contamination (solvents) beneath the site. Since discovery, Allied has voluntarily attempted to contain and remove the contaminants from the groundwater, with participation in the State of Indiana Voluntary Remediation Program.

A secondary Preliminary Assessment was made of the subject site in October 1993, with ultimate deferral to the RCRA Program. A Stabilization Measures Evaluation resulted in a determination that the facility was not amenable to stabilization activity at that time for reasons other than 1) not being technically feasible, or 2) lack of technical information. Such determination is likely associated with the Corrective Action taken by the facility, as well as participation within the Voluntary Clean-up Program.

In 2009, a RCRA Facility Assessment of the entire facility was performed, with a determination that there was no need for completion of a RCRA Facility Investigation.

Facility is considered as topographically downgradient of subject site and therefore would not be considered as having a high potential for environmental impact; furthermore, the facility has been aggressive in terms of its delineation of the contamination, and taken effective action for the aggressive remediation of the impacted areas.

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 June 2011, indicated the following:

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

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 March 2011, 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 March 2011, 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 June 2011, indicated the following:

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

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 June 2011:

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 were no TSD facilities identified by the regulatory database search as being within one-half mile of the subject site.

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 were no facilities identified on the RCRIS Large Quantity Generator List within a one-quarter mile radius of the subject property.

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

- The subject property does not appear 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 not identified on the Conditionally Exempt Small Quantity Generator LIST.
- There were no facilities on the Conditionally Exempt Small Quantity Generator List within a one-quarter mile radius of the subject.

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 no facilities identified on the RCRA Non-Generator List within a one-quarter mile radius of the subject property.

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 2011, 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
Allied Signal/Corporation	717 N. Bendix Drive	Approximately 0.339-miles SSE of subject site (down gradient)	Refer to discussion under Corrective Action (CORRACTS) for additional information.

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 February 2011, indicated the following:

- The subject property does not appear on the Voluntary Remediation Program List.
- There was one facility 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
Allied Signal/Honeywell	717 N. Bendix Drive	Approximately 0.340-miles South/Southeast of the subject site (down gradient)	Accepted into the VRP as of May 1992; listed as "active", VRP6980601; please refer to discussion under Corrective Action (CORRACTS) for additional information.

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 May 2011, indicated the following:

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

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 June 2011, indicated the following:

- The subject property does not appear on the Indiana Brownfields list.
- There were no Indiana Brownfield sites identified within a one-half mile radius of the subject property.

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 Michigan Department of Natural Resources and Environment, UST Section. A review of the LUST List, dated March 2011, indicated the following:

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

NAME	ADDRESS	APPROX. LOCATION FROM SUBJECT PROPERTY	REGULATORY NOTATION
Red D Mart	3228 Lincolnway West	Approximately 0.257-miles North/Northeast of the subject site (cross gradient)	Release reported in 2007 at time of tank removal, soil impacts only, low priority, determination of No Further Action based on RISC Industrial Soil Default Closure Levels
Kuert Concrete	3113 Lincolnway West	Approximately 0.285-miles Northeast of the subject site (cross gradient)	Release reported in 1991, soil impacts only, low priority; determination of No Further Action based on UST Branch Guidance Manual
Nationwise Auto Parts #269	1033 Bendix Drive	Approximately 0.172-miles East of the subject site (cross gradient)	Release reported in 1994, impacts to soil only, low priority, listed as "active" by IDEM
Bendix Transportation	739 N. Sheridan	Approximately 0.385-miles Southwest of the subject site (cross gradient)	Release reported in 1990 with impacts to soil and groundwater; medium priority; determination of No Further Action based on UST Branch Guidance Manual

REGISTERED UNDERGROUND STORAGE TANK (UST) LIST

The Underground Storage Tank (UST) List is a listing of underground storage tank systems registered with the Department of Natural Resources and Environment, UST Section. A review of the UST List, dated March 2011, indicated the following:

- The subject site was not identified on the Underground Storage Tank (UST) LIST.
- There were two 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
Harmons Car Wash	1129 Bendix Dr.	Approximately 0.202-miles East/Northeast of the subject site (cross gradient)	Two UST systems (unknown contents) reported as Permanently Out of Service; not identified as LUST facility
Nationwise Auto Parts #269	1033 Bendix Drive	Approximately 0.172-miles East of the subject site (cross gradient)	One UST system identified as Permanently Out of Service (used oil); facility was identified as a LUST site (active) with soil contamination only (low priority)

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 May 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, 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 April 2010, indicated the following:

- The subject site does not appear 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 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 May 2011, 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 April 2011, 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 January 2011, indicated the following:

- The subject does not appear on the RADINFO List.

FORMER MANUFACTURED GAS (COAL GAS) SITES

The regulatory database did not identify any former Manufactured Gas Plant (MGP) facilities within a one mile radius of 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 Wightman Petrie. The subject site was not identified within the Virtual File Cabinet. Furthermore, there were no specific sites that were identified as posing a significant potential for environmental impact to the subject site based on factors that include: 1) location relative to the subject site, 2) topography, 3) presumed groundwater flow direction (southeasterly), 4) extent to which Remedial Action or Corrective Action has occurred, 5) level of IDEM or EPA involvement to date.

5.3 Physical Setting

Terrain in the immediate area of the subject site is essentially level, at an elevation of approximately 725 feet; however, on a more regional basis, topography is to the southeast. The building footprint (approximately 84,000 sq. ft.) and paved parking areas/drives constitute almost complete coverage of the site, with only small grassy areas along Prabst and Ardmore Trails. In general, there are no distinctive features for the area other than a small stormwater accumulation area to the west of the subject site, near the intersection of Prabst Boulevard and Ardmore Trail. .

Area streets are paved and crowned to facilitate stormwater runoff. In general, such runoff is confined by curbing, and flows to existing storm drains for ultimate discharge to City of South Bend stormwater retention basins or incorporated within an existing combined sewer line servicing the area.

5.3.1 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 slopes).

The Tyner series consists 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 are formed in sandy outwash, and the native vegetation was mainly mixed hardwoods. In a representative profile, the surface layer is dark-brown loamy sand about 9-inches thick. The subsoil is 35-inches thick. It is 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. It is 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. Runoff is slow to medium. Most areas of Tyner loamy sand, 0 to 6 percent are used for urban development, droughtiness is the major concern in management and soil blowing can be a hazard when the soil is dry and there is no protective cover.

Because of the more recent redevelopment in the immediate area of the subject site, it is also likely that the soils could also be classified as “made land”. Made land consists of areas where the soil profile has been disturbed and no specific soil series is recognizable. The areas may have been leveled or filled with earth or trash and may consist of any combination of sand, silt, clayey material, gravel or trash. Such areas are usually suited for urban development, depending upon the nature of the fill material and the stability of the underlying strata.

5.3.2 Surficial Geology

The area of the subject site is underlain by approximately 100 to 150 feet of unconsolidated deposits. The unconsolidated sediments are part of the Kankakee outwash and Lacustrine Plain – unsorted sand and gravel (Gray, 1989). These outwash deposits are considered to be Wisconsinan in age from the Huron – Erie Lobes (Gray, 1989).

5.3.3 Bedrock Geology

The occurrence of bedrock aquifers depend 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 New Albany Shale. New Albany Shale is widespread west and southwest of the Kankakee and Cincinnati Arches in Indiana, and is composed of brownish-black carbon-rich shale, 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 100 to 150 feet below ground surface; site specific information regarding the depth to bedrock was not identified by Wightman Petrie during the completion of the Phase I Environmental Site Assessment effort.

5.3.4 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

buried 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 area of the subject site likely ranges from 15 to 20 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. Wightman Petrie presumes that groundwater flow in the area will be consistent with area topography, flowing south/southeasterly before flowing easterly toward the St. Joseph River, located approximately 5-miles to the east of the subject site.

5.4 Historical Use Information on the Property

5.4.1 Sanborn Fire Insurance Maps

Historical Sanborn Fire Insurance Maps were not 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. (Copy of Letter of No Coverage provided as Appendix E).

5.4.2 Aerial Photos

A number of aerial photos of the area surrounding the subject site (inclusive of the site) were available through Environmental Data Resources (EDR). The descriptions for each photo reviewed are written below. Years available included 1951, 1978, 1981, 1986, 1992, 1998, 2005, 2006 and 2007. Copies of the Aerials are provided as Appendix D.

Aerial Year	GENERAL DESCRIPTION
1957	Area of the subject site appears to be a combination of residential along Ardmore Trail and vacant land awaiting development south of Ardmore Trail
1978	Subject site appears to be undeveloped land awaiting development, noting that there has been a north/south street constructed that would likely be considered as immediately adjacent (east) of the subject site.
1981	Appears as though building pad for subject site is under construction, aforementioned north/south street has been demolished as part of the site development process
1986	Subject site has been developed consistent with that of current date, both building and paved parking areas are present
1992	Similar to that described from the 1986 aerial photograph and consistent with that of current date
1998	Similar to that described from the 1986 aerial photograph and consistent with that of current date
2005	Similar to that described from the 1986 aerial photograph and consistent with that of current date
2006	Similar to that described from the 1986 aerial photograph and consistent with that of current date
2007	Similar to that described from the 1986 aerial photograph and consistent with that of current date

5.4.3 City and County Directories

A search of Haines Directories (South Bend/Elkhart and Surrounding Area, Indiana) from 1975 through 2010, and Polk Directories (South Bend) for 1945 through 1970 available at the St. Joseph County Public Library was performed by Wightman Petrie for the addresses identified as 3408 Ardmore Trail (subject site).

YEAR	OCCUPANT
1945	Ardmore Trail not identified in directory
1950	Ardmore Trail not identified in directory
1955	Residential
1960	Residential
1965	Address not listed in directory
1970	Address not listed in directory
1975	Address not listed in directory
1980	Address not listed in directory
1985	Target Department Store
1990	Target Department Store
1995	Target Department Store
2000	Vacant
2003	St. Vincent DePaul Thrift Store /Friends of the St. Joseph County Library
2007	St. Vincent DePaul Thrift Store /Friends of the St. Joseph County Library
2010	St. Vincent DePaul Thrift Store /Friends of the St. Joseph County Library

5.4.4 Ownership History

User provided no title records for review in the compilation of this Phase I Environmental Site Assessment. However, Wightman Petrie was able to obtain a copy of the most recent Limited Warranty Deed associated with the subject site from the Recorder's Office of St. Joseph County, Indiana, as follows (copies provided as Appendix F):

Limited Warranty Deed, dated February 26, 1999, whereby The Dayton Hudson Corporation conveyed and warranted to St. Vincent DePaul Society of St. Joseph County, Inc., a non-profit Indiana corporation, land consistent with Tax Key No. 18-2191-719201 (Recorded February 26, 1999, Document No. 9909133).

5.4.5 Other Records of Historical Use

No other historical records were identified for the subject site.

5.5 Historical Use Information on Adjoining Properties

5.5.1 Sanborn Fire Insurance Maps

Historical Sanborn Fire Insurance Maps were not 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. (Copy of Letter of No Coverage provided as Appendix E).

5.5.2 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 1951, 1978, 1981, 1986, 1992, 1998, 2005, 2006 and 2007. Copies of the Aerials are provided as Appendix D.

Aerial Year	GENERAL DESCRIPTION
1957	<p>North: Beacon Heights Apartments to the north, across Ardmore Trail; to the Northeast, property use is residential along Ardmore Trail, and to a limited extent along side streets; to the Northwest, property use is largely undeveloped.</p> <p>South: Appearance of gravel covered parking areas across Prabst Boulevard in support of Bendix operations located further to the south; to the Southeast, property use is also gravel parking and facilities associated with the Bendix Corporation; to the Southwest, property use is gravel covered parking, Bendix facilities and undeveloped land.</p> <p>East: Undeveloped land to N. Bendix Drive.</p> <p>West: Undeveloped land.</p>
1978	<p>North: Beacon Heights Apartments to the north, across Ardmore Trail; to the Northeast, property use is residential along Ardmore Trail, and to a limited extent along side streets; to the Northwest, property use has been incorporated within the Beacon Heights Apartment complex or become single-family residential.</p> <p>South: Appearance of parking areas across Prabst Boulevard in support of Bendix operations located further to the south; to the Southeast, property use is also parking and facilities associated with the Bendix Corporation; to the Southwest, property use is parking, Bendix facilities and undeveloped land.</p> <p>East: Largely undeveloped land to N. Bendix Drive; however do note the presence of a single building having the appearance of being under construction (i.e., Kroger facility).</p> <p>West: Undeveloped land.</p>
1981	<p>North: Beacon Heights Apartments to the north, across Ardmore Trail; to the Northeast, property use is residential along Ardmore Trail, and to a limited extent along side streets; to the Northwest, property use has been incorporated within the Beacon Heights Apartment complex or become single-family residential.</p> <p>South: Appearance of parking areas across Prabst Boulevard in support of Bendix operations located further to the south; to the Southeast, property use is also parking and facilities associated with the Bendix Corporation; to the Southwest, property use is parking, Bendix facilities and undeveloped land.</p> <p>East: Two interconnected buildings having the appearance of a retail shopping center in a configuration similar to that of current date.</p> <p>West: Undeveloped land, although noting what appears to be a stormwater collection area/basin at the intersection of Ardmore trail and Prabst Boulevard</p>
1987	<p>North: Beacon Heights Apartments to the north, across Ardmore Trail; to the Northeast, property use is residential along Ardmore Trail, and to a limited extent along side streets, note the presence of what appears to be the LaSalle Branch of the St. Joseph County Public Library has been constructed along with additional stand-alone stores at the intersection of Ardmore Trail and N. Bendix Drive; to the Northwest, property use has been incorporated within the Beacon Heights Apartment complex or become single-family residential.</p> <p>South: Appearance of parking areas across Prabst Boulevard in support of Bendix operations located further to the south; to the Southeast, property use is also parking and facilities associated with the Bendix Corporation; to the Southwest, property use is parking, Bendix facilities and undeveloped land.</p> <p>East: Two interconnected buildings having the appearance of a retail shopping center in a configuration similar to that of current date.</p> <p>West: Undeveloped land, although noting what appears to be a stormwater collection area/basin at the intersection of Ardmore trail and Prabst Boulevard</p>
1992	Similar to that described from the 1987 aerial photograph and consistent with that of current date
1998	Similar to that described from the 1987 aerial photograph and consistent with that of current date

2005	Similar to that described from the 1987 aerial photograph and consistent with that of current date
2006	Similar to that described from the 1987 aerial photograph and consistent with that of current date
2008	Similar to that described from the 1987 aerial photograph and consistent with that of current date

5.5.3 City and County Directories

A search of Haines Directories (South Bend/Elkhart and Surrounding Area, Indiana) from 1975 through 2010, and Polk Directories (South Bend) for 1945 through 1970 available at the St. Joseph County Public Library was performed by Wightman Petrie for the area surrounding the subject site. We note that the Bendix manufacturing facility, transitioned to the Allied Signal, which transitioned to the current day Bosch manufacturing, all of which were involved with the manufacture of auto and/or airplane parts, have been located in areas to the south, southeast and southwest, across Prabst Boulevard, and having varied addresses along Bendix Drive. Other than the presence of paved and gravel parking lots in support of the various Bendix, Allied and Bosch manufacturing operations, there has been no development along Prabst Boulevard (no addresses identified), south of the subject site.

ADDRESS	DIRECTION FROM SITE	YEAR	OCCUPANT
3213 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 2010	Residential
3217 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 2007	Residential
		2010	Not Listed in Directory
3221 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 2010	Residential
3229 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 1970	Residential
		1975 - 2010	Not Listed in Directory
3233 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 2010	Residential
3237 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 2010	Residential
3245 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 2010	Residential
3301 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 2010	Residential
3307 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 2010	Residential
3311 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 2010	Residential
3315 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 2010	Residential
3319 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 2010	Residential
3323 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955 - 2010	Residential
3401 Ardmore Trail	North	1945 - 1950	Ardmore Tr. Not Listed in Directory
		1955	Housing Authority of South Bend
		1960 - 1965	McKeesport Realty/Beacon Heights Apts.
		1970 - 2010	Beacon Heights Apartments
401 N. Bendix Drive	Southeast	1945 - 1985	Bendix Corporation
		1990 - 1995	Allied Signal Corporation

		2000 - 2010	Robert Bosch Braking Systems
403 N. Bendix Drive	Southeast	1945	Not Listed
		1950 - 1970	Bendix Park /Pool (City of South Bend)
		1975 - 2010	Not Listed
552 N. Bendix Drive	Southeast	1945	Price Filling Station
		1950 - 1960	Bendix Products
		1965 - 2010	Not Listed
717 N. Bendix Drive	Southeast	1945 - 1960	Not Listed
		1965 - 1990	Bendix Corporation
		1995 - 2003	Allied Signal
		2007 - 2010	Honeywell Controls
909 N. Bendix Drive	East	1945 - 1975	Not Listed
		1980 - 2003	Kroger Company
		2007 - 2010	Faith Apostolic Ministries
911 N. Bendix Drive	East	1945 - 2003	Not Listed
		2007 - 2010	Faith & Virtue Youth Center
915 N. Bendix Drive	East	1945 - 1980	Not Listed
		1985 - 1990	Hall of Cards & Books
		1995 - 2000	Colortyme Rentals
		2003 - 2010	Not Listed
917 N. Bendix Drive	East	1945 - 1975	Not Listed
		1980 - 1990	Revco Drugs
		1995 - 2010	Not Listed
919 N. Bendix Drive	East	1945 - 1990	Not Listed
		1995 - 2010	Garden Wok
921 N. Bendix Drive	East	1945 - 1980	Not Listed
		1985 - 2000	Fashion Bug
		2003	Not Listed/Vacant
		2007 - 2010	Faith Apostolic Ministries
925 N. Bendix Drive	East	1945 - 1975	Not Listed
		1980 - 1995	G.L. Perry Variety Store
		2000 - 2010	Not Listed
927 N. Bendix Drive	East	1945 - 1980	Not Listed
		1985 - 2003	Payless Shoe Source
		2007 - 2010	Not Listed
933/935 N. Bendix Drive	East	1945 - 2003	Not Listed
		2005 - 2007	Faith Apostolic Ministries
937 N. Bendix Drive	East	1945 - 1990	Not Listed
		1995	Sobieski Federal Savings
		2000	Not Listed
		2003	R & J Hair Salon
		2005 - 2007	Promise Hair Studio
939 N. Bendix Drive	East	1945 - 1980	Not listed
		1985 - 1995	Pj's Video
		2000 - 2010	Not Listed/Vacant
941 N. Bendix Drive	East	1945 - 1980	Not Listed
		1985 - 2010	Hair Ware Beauty Supply
10051007 N. Bendix Drive	Northeast	1945 - 1975	Not Listed
		1980 - 1985	Noble Roman's Pizza
		1990 - 2010	Not Listed/Vacant
1010 N. Bendix Drive	Northeast	1945 - 1985	Not Listed
		1990 - 2003	Center for Business Health
		2007 - 2010	Not Listed
1033 N. Bendix Drive	Northeast	1945 - 1975	Not Listed
		1980 - 1985	Fotomat Corporation
		1990 - 1995	Nationwise Auto Parts
		2000	Parts America

		2003 - 2010	Not Listed
1044 N. Bendix Drive	Northeast	1945 - 1980	Not Listed
		1985 - 1995	Valley American Bank
		2000 - 2010	National City Bank
1112 N. Bendix Drive	Northeast	1945 - 1970	Not Listed
		1975 - 2010	AAA Federal Credit Union
1119 N. Bendix Drive	Northeast	1945 - 1965	Not Listed
		1970 - 1995	Pink Elephant Liquors
		2000 - 2010	South Bend Discount Liquors
1129 N. Bendix Drive	Northeast	1945	Not Listed
		1950 - 1965	Residential
		1970 - 1980	Robo Car Wash
		1985	Harmon's Car Wash/Jartran Rental
		1990	Ryder Rentals/ Tom's Car Care
		1995 - 2010	Pizza Hut

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

The site and area reconnaissance were conducted on October 6, 2011 by Conley Phifer of Wightman Petrie. Mr. Phifer accompanied during the site reconnaissance effort by Ms. Alicia McMurtrie, Director of Thrift Stores and Operations for the St. Vincent DePaul Society of St. Joseph County. The area reconnaissance was performed by foot, and from visual observations made from public roadways.

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 situated within an area that is variable in terms of land use. Property to the north, northeast and northwest are part of the South Bend Housing Authority's Beacon Heights Apartment complex. Areas to the east are historically retail oriented; however, more recently that of a religion oriented complex of worship facilities and community service organizations. The areas to the south have largely been industrial oriented, with the Bendix Automotive Corporation dating back to well before the development of the subject site. Bendix operations were succeeded by Allied Signal Corporation, and later by Robert Bosch Corporation, both involved with the design, manufacture and testing of automotive parts. Property use to the west remains largely undeveloped.

6.3 Exterior Observations

The subject site consists of approximately 7.939-acres of land that has been developed with 1979 construction of an approximate 84,000 sq. ft. retail center. Building construction is a combination of poured in place concrete and concrete masonry, with steel girders supporting a roof deck. Roofing maintenance is performed as needed by Midland Roofing.

Lighted paved parking areas are present at the front of the building, with access drives present to the west, south and east. The northern point of access consists of a two lane entry drive

from Ardmore Trail. An eastern point of access to the subject site is available through the adjacent retail center parking area. The southernmost access is a shared drive entry from Prabst Boulevard, which is adjacent to the subject site to the south. There is no vehicular access from areas to the west of the subject site. As needed, ARNT Asphalt, Inc. is contracted for the repair and periodic sealing of the paved parking areas. Plowing during the winter months is performed by Lake Effect Excavating of Rolling Prairie. Property maintenance, consisting of the periodic pick-up of litter and other trash, as well as the mowing of small strips of grass along Ardmore Trail and Prabst Boulevard is performed by staff of St. Vincent DePaul. Visual observations of grass/pavement and gravel covered areas did not identify any areas of significant staining or stressed vegetation that would be consistent with any historical release conditions.

In general, stormwater runoff from the paved parking areas and access drives is directed via existing construction grade to adjoining grassy areas (no curbing present), for eventual infiltration through the soil profile, to the underlying aquifer. A lone storm water collection drain is present at the rear entry to the subject site (and adjoining retail center), from Prabst Boulevard. Although it is believed that the storm drain operates as a dry well, there is a possibility that the structure is connected to the municipal sewer system along Prabst Boulevard.

The subject site was not identified by the regulatory database as a location for which environmental permits, registrations, or historical spills and/or releases had been identified. The subject site was not identified as a location for which underground or aboveground storage tanks were present, and none were identified during the exterior reconnaissance effort. Similarly, there was no indication of the exterior storage or for that matter, use of significant volumes of hazardous materials or petroleum products.

A garage-like area is present at the southeast corner of the building, off of the shared access drive with the adjacent retail center. The garage-like area consists of four, high clearance roll-up doors that allow for entry, overnight parking and eventual unloading of collected merchandise from the four trucks used for pick-up of call-in donations. We note that there are no fueling or truck repair operations conducted at the subject site. All vehicle maintenance services are performed off-site, at either Veldman's Service Center or Whiteford Truck Lease, Inc. Other than minor staining of the paved parking areas as a result of incidental vehicular fluid releases, there were no obvious indications of the illicit discharge of petroleum products.

Pole-mounted electrical transformers were present along service lines along both Prabst Boulevard to the south, and Ardmore Trail to the north. There was no visible labeling of the transformers (utility-owned) that would indicate testing of di-electric fluids for PCB content; however, there were no indications of any historical releases or spills. Electrical service connection to the building is from Prabst Boulevard, to an electrical switch room along the southern interior wall.

Solid wastes are accumulated within a large hydraulic compactor present at the southeast corner of the building, with pick-up on a regular basis by Waste Management, Inc. Wastes consist of those donated materials that are deemed non suitable for re-sale to the general public, or have no salvage value. Controls for the hydraulic system are present within the "Donation Area" and are serviced by Seabright, Inc. on an as needed basis. Visually,

Wightman Petrie did not observe any indications of significant environmental impact as a direct result of the presence or use of the hydraulic compaction unit.

The area of the subject site has been connected to municipal water and sanitary sewer services since initial development in 1979. There were no water or groundwater monitoring wells identified on the subject site during the reconnaissance area.

There were no pits, ponds, lagoons or other surface water bodies identified on the subject site.

No unusual odors were detected during the site reconnaissance.

6.4 Interior Observations

The owner and current tenant of the facility initiated a Resale Thrift Store operation at the subject site in November 1999. Prior to purchase and occupation by the St. Vincent DePaul Society of St. Joseph County, the building operated as a retail center (Ayr-way and later Target) dating to 1979. With the closure of the Target Store circa 1995, the facility remained vacant until such time as purchased by St. Vincent DePaul. Build-out of the facility upon purchase by St. Vincent DePaul was through contract to Casteel Construction (largely administrative office and mezzanine level construction).

Of the building's approximate 84,000 sq. ft., approximately 27,000 sq. ft. is dedicated to resale of merchandise, approximately 37,000 sq. ft. for processing of donated materials, approximately 7,200 sq. ft. that were previously dedicated to the Friends of the St. Joseph County Library, and the remaining 14,000 sq. ft. (plus an additional approximate 1,900 sq. ft. as a mezzanine level) are used in the preparation of Christmas baskets or other "referral" programs, common areas, mechanical and service areas, and administrative offices.

Finishes throughout the interior range from painted concrete block for the large span processing, retail and truck parking areas, to a more standard drywall and drop ceiling for the office/administrative areas. Vinyl floor tile is predominant throughout the building as a floor covering, with the exception of some carpet on the sales floor and in the administrative office. The former Friends of the St. Joseph Library area in the westernmost portion of the building, which was historically used for book sales and is now used for the packaging of Christmas toys and non-perishables, is largely carpeted.

The majority of the facility is heated and cooled by roof-top electrical units (American Electric Power); however, there are several ceiling mounted electric heat units present within the appliance check-in area, rear dock and back storage area. Natural gas (Northern Indiana Public Service Company) is only being used for the purpose of testing donated appliances and as a fuel source for the emergency generator. Natural gas was historically used to fire two ceiling mounted, hanging heat units within the front closet area; however neither of these units is currently considered operational. Electric hot water heaters are present within the appliance check-in room and the janitorial room. One dry-type, pad-mounted transformer was identified within the electrical switch room, at the southernmost storage area of the building. As a dry-type transformer, there is minimal, if any, di-electric fluid within the transformer unit, and thus minimal potential for significant contamination from PCBs, as a contaminant of di-electric fluids. Mechanical system maintenance is performed as part of a routine maintenance program by Schuster Mechanical.

The subject site is currently, and has historically, since construction (1979) been connected to the municipal (City of South Bend) water and sanitary sewer systems. All existing floor drains (rest rooms, janitorial closet, appliance check-in area and garage) discharge to the municipal sanitary sewer system. Visually, there did not appear to be any indication of the use of the floor drains for the illicit disposal of petroleum products or hazardous wastes.

Other than the presence of commercially available and pre-packaged cleansers, lubricating soils, aerosol paints, gasoline for lawn and snow maintenance equipment, and other general maintenance items; Wightman Petrie did not observe the presence of significant volumes of petroleum products or hazardous materials.

According to Ms. Alicia McMurtrie, all donated paints and other potentially hazardous materials (i.e., fluorescent light bulbs) are forwarded to the Michiana Recycling Center in Mishawaka for processing. Electronics and computer equipment are also forwarded to Michiana Recycling. Waste tires along with propane tanks that are donated with grill units and other appliances/camping equipment are transported to Veldman's Tire Center for processing. Salvageable scrap metal is also accumulated and subsequently forwarded to area scrap metal dealers.

The entire facility has been constructed with a sprinkler fire protection system that is connected to the municipal water supply. An annual inspection of the fire protection system is performed by Consolidated Fire Protection, Inc. Various "pull" fire boxes and smoke detectors are checked on an annual basis by TC Security, while S & H Carbonic performs the annual check of fire extinguishers. Security alarm systems for the building are serviced and monitored by TC Security.

An electric wheel chair lift is present within the administrative office area, allowing for transport between the ground and mezzanine levels of the building. However, at the time of the reconnaissance, the lift unit was non-operational.

No indications of any obnoxious odors were identified during the interior reconnaissance. Other than incidental staining from leakage of fluids from truck within the garage/truck parking area, Wightman Petrie did not observe any evidence of spills or releases of petroleum products or hazardous materials. Overall, the building interior appeared to be in good condition and properly maintained.

6.5 Observations on Adjacent Properties

Visually, Wightman Petrie did not observe any outward appearance of a potential for environmental impact to the subject site from immediately adjacent, or adjoining properties. We note ongoing construction to the east/northeast of the site as a part of creating additional entries from Ardmore Trail and S. Bendix Drive, and maximizing parking space for the Faith Apostolic Ministries facilities.

7.0 INTERVIEWS

7.1 Interview with Site Owner

Wightman Petrie was accompanied by Mr. Alicia McMurtrie, Director of Thrift Stores and Operations, throughout the site reconnaissance effort. Information provided by Ms. McMurtrie has been incorporated within the text of this document, as applicable. In summary, Ms. McMurtrie was not aware of any specific environmental concerns associated with the subject site.

7.2 Interview with Site Manager

Ms. Alicia McMurtrie serves as the Site Manager for the St. Vincent DePaul Society operations conducted at the subject site.

7.3 Interview with Site Occupant

Other than the St. Vincent DePaul Thrift Store, there have been no other occupants of the subject site other than the Friends of the St. Joseph County Library, which provided for periodic Book Sales to the general public. The operations (storage of books) by the Friends of the St. Joseph County Library have been relocated to a downtown location within the last two years. The former space has most recently been used by St. Vincent DePaul as an area for packing toys and non-perishable food to needy families at Christmas.

7.4 Interview with Local Government Official

The St. Joseph County Health Department was contacted regarding the presence of any known or significant areas of environmental concern for the general locale. As of the date of this report, a return call had not been received. Such contacts have not identified any significant spills or releases with a potential for impacting the subject site. In general, the files of the St. County Health Department are consistent with the public information available from the regulatory database search and Virtual File Cabinet. Typically, the Health Department is invaluable with respect to the presence/closure of any existing septic systems, or whether there has been any specific code enforcement actions associated with the subject site. We know that the subject site was originally constructed in 1979, and that municipal water supply and sanitary sewer were available for connection at the time of such construction.

7.5 Interview with Others

No other interviews were conducted during the completion of this Phase I Environmental Site Assessment

8.0 FINDINGS

Phase I 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 to 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:

The subject site was not identified by the regulatory database search as a facility for which environmentally regulated activities were known to exist. Given the nature of historical operation as a Target Retail Center, and later as the St. Vincent DePaul Thrift Store (current); it is unlikely that significant volumes of petroleum product or hazardous materials were either stored or used at the facility. We note that the operations of the St. Vincent DePaul Thrift Store effectively address donations of paint and other commonplace materials having a potential for environmental impact (i.e., fluorescent lights, etc.) by forwarding to the Michiana Recycle Center for effective disposal and/or fuel blending. Similarly, propane tanks collected with the donation of grill units, or tires are forwarded to Veldman's Service Center for proper handling. Finally, we note that even though the operations of St. Vincent DePaul involve the use of a fleet of trucks for home or business pick-up of donated goods, there are no vehicle maintenance activities performed at the subject site. We note that there were no underground or aboveground storage tanks identified during the site reconnaissance and only incidental staining of the paved parking lot as a result of vehicle (patron) parking was noted.

In summary, there were no Recognized Environmental Conditions identified with respect to either current or historical operations performed by the St. Vincent DePaul Society of St. Joseph County as a Thrift Store for re-sale of donated goods and materials. Similarly, there were no historical Recognized Environmental Conditions identified with respect to the former operations of the Target Store/Ayr-Way retail stores, which date to original development from vacant land in 1979.

2) Off-Site:

Of the facilities identified by the regulatory database, none were identified as posing a significant potential for environmental impact to the subject site based on factors that include: 1) location relative to the subject site, 2) topography, 3) presumed groundwater flow direction (southeasterly), 4) extent to which Remedial Action or Corrective Action has occurred, 5) level of IDEM or EPA involvement to date.

Visual observations as part of the area reconnaissance did not identify any specific condition that would be considered as having a potential for significant environmental impact to the subject site.

As such, there were no Recognized Environmental Conditions associated with off-site sources that necessitate follow-up action.

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. For the immediate area of the subject site, groundwater flow is anticipated to be to the south/southeast, eventually flowing eastward toward the St. Joseph River, located approximately 5-miles from the subject site, serving as the primary surface water feature for the area.

9.2 Evaluation of Identified Environmental Conditions

1) Subject Site:

There were no significant environmental impacts identified in association with the ongoing operations of the St. Vincent DePaul Society Thrift Store. Similarly, there were no significant environmental concerns identified from the retail operations of the former Target Store/Ayr-Way retail store operations dating to initial development in 1979.

2) Off-Site:

The regulatory database did not identify any regulated facilities of significant environmental concern, having a potential to impact the subject property.

A visual reconnaissance of the area did not identify any nearby or adjacent properties with a potential for significant environmental impact to the subject site.

Based upon the aforementioned there would not appear to be any conditions that would warrant further investigations with respect to off-site sources.

10.0 CONCLUSIONS

Wightman Petrie has performed a Phase I Environmental Assessment of the St. Vincent DePaul Society of St. Joseph County's Thrift Store, located at 3408 Ardmore Trail, in South Bend, Indiana. Our Phase I Report was performed in conformance with the scope and limitations of ASTM Practice E 1527-05.

The facility, which is being considered for acquisition by the City of South Bend, has operated at this location since 1999. Prior to that, the facility operated as a Target Store/Ayr-Way retail store, dating to initial development in 1979.

The subject site was not identified by the regulatory database search as a facility for which environmentally regulated activities were known to exist. Given the nature of historical operation as a Target Retail Center, and later as the St. Vincent DePaul Thrift Store (current); it is unlikely that significant volumes of petroleum product or hazardous materials were either stored or used at the facility. We note that the operations of the St. Vincent DePaul Thrift

Store effectively address donations of paint and other commonplace materials having a potential for environmental impact (i.e., fluorescent lights, etc.) by forwarding to the Michiana Recycle Center for effective disposal and/or fuel blending. Similarly, propane tanks collected with the donation of grill units, or tires as a result of direct donation, are forwarded to Veldman's Service Center for proper handling. Finally, we note that even though the operations of St. Vincent DePaul involve the use of a fleet of trucks for home or business pick-up of donated goods, there are no vehicle maintenance activities performed at the subject site (contracted to an off-site vendor). We note that there were no underground or aboveground storage tanks associated with fleet fueling identified during the site reconnaissance (contracted to an off-site vendor). Only incidental staining of the paved parking lot as a result of vehicle (patron) parking was noted.

The facility is currently, and has historically been connected to the municipal (City of South Bend) water supply and sanitary sewer services. There were no pits, ponds lagoons or other surface water bodies identified on the subject site, which is almost entirely covered by either the building footprint or associated paved parking areas and access drives.

In summary, there were no Recognized Environmental Conditions identified with respect to either current or historical operations performed by the St. Vincent DePaul Society of St. Joseph County as a Thrift Store for resale of donated goods and materials. Similarly, there were no historical Recognized Environmental Conditions identified with respect to the former operations of the Target Store/Ayr-Way retail stores, which date to original development from vacant land in 1979.

The regulatory database did not identify any regulated facilities of significant environmental concern, having a potential to impact the subject property, and visual reconnaissance did not identify concerns associated with adjacent properties. As such, there would not appear to be any conditions that would warrant further investigations with respect to off-site sources.

11.0 DEVIATION AND DATA GAPS

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

The absence of Sanborn Fire Insurance Maps (No Coverage) is considered a data gap with respect to the completion of this Phase I Environmental Site Assessment. The absence of chain of title information is considered as a data gap; however, Wightman Petrie was able to determine from other historical resources that the development of the subject site from previously unimproved land occurred in 1979, and that the facility has operated as a retail center since that time. As such the absence of chain of title is not considered as significant with respect to assessing historical property use of the subject site.

12.0 ADDITIONAL SERVICES

No additional services (i.e., water sampling, wetlands assessment/delineation, lead-based paint survey, asbestos-containing material survey, or "mold" survey) have been requested to date with respect to the subject site.

13.0 REFERENCES

Sanborn Fire Insurance Maps, Letter of No Coverage, as provided by Environmental Data Resources (EDR), Milford, CT;

Haines Directories for South Bend/Elkhart and Surrounding Areas, dated 1975, 1980, 1985, 1990, 1995, 2000, 2003, 2007 and 2010, available for review at the St. Joseph County Public Library, South Bend, Indiana;

Polk Directories, South Bend, Indiana, dated 1945, 1950, 1955, 1960, 1965 and 1970, available for review at the St. Joseph County Public Library, South Bend, Indiana;

Aerial Photographs, dated 1957, 1965, 1973, 1981, 1987, 1992, 2005, 2006, 2007 and 2008, as provided by Environmental Data Resources (EDR), Milford, CT;

Tax Assessor Property Card for Parcel 71-08-04-277-002.000-026, available from the St. Joseph County Tax Assessor's Office, <http://in-stjoseph-assessor.governmax.com>

USGS Topographic Map, "South Bend West" Quadrangle, dated 1994, available from Environmental Data Resources, Inc. (EDR).

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.

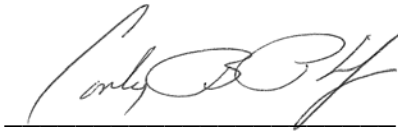
14.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

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

I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional responsible for conducting this Phase I Environmental Site Assessment and preparation of this report.

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

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

A handwritten signature in black ink, appearing to read "Conley B. Phifer", is written over a horizontal line.

Conley B. Phifer, CHMM

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 Wightman Petrie in the capacity of Environmental Department Manager. Prior to rejoining Wightman Petrie, 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.

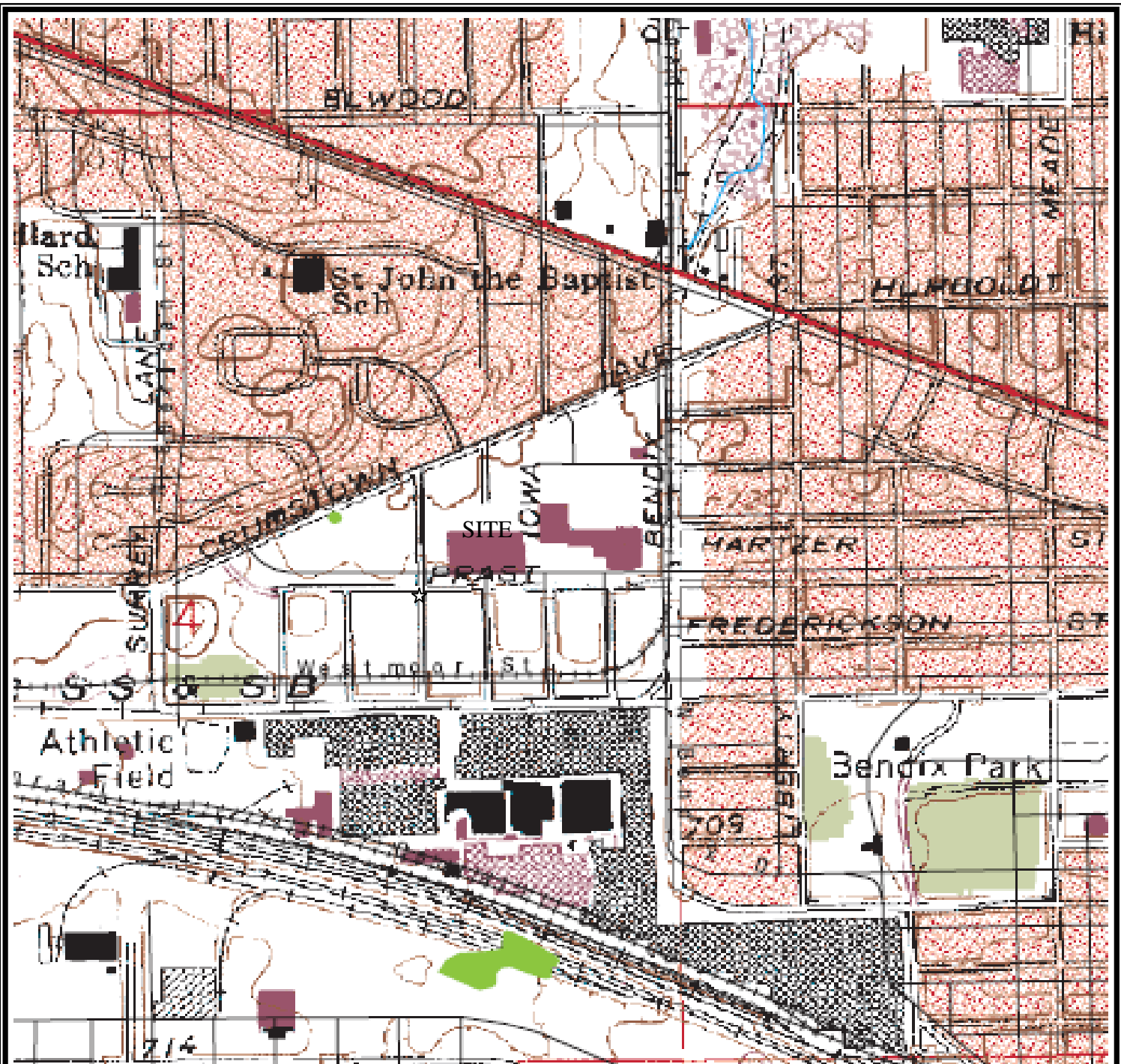
With Wightman Petrie Mr. Phifer served as Project Manager for the completion of an EPA administered Petroleum Block Grant for providing assessment of abandoned gasoline service stations, with subsequent removal and closure of UST systems (total of 16 USTs) at three locations. Overall, Conley has participated 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

Appendix A

Figures



Date: October 12, 2011	Project: St. Vincent DePaul Thrift Store 3408 Ardmore Trail South Bend, Indiana	Drawn By: AJS
Scale: Not Shown		Approved By: CBP
Source: USGS:South Bend West Quadrangle	Project No. 2011-5081	Figure 1 – Site Location Map



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



LEGEND

- | | |
|---|--|
| 1. Faith Apostolic Ministries | 5. Robert Bosch Corporation
Allied Signal/Bendix Corporation) |
| 2. LaSalle Branch, St. Joseph County Public Library | 6. Unity Gardens |
| 3. Former Nationwide Auto Parts | 7. Stormwater Collection Area |
| 4. Beacon Heights Apartments | |

Date: October 12, 2011	Project: St. Vincent DePaul Thrift Store 3408 Ardmore Trail South Bend, Indiana	Drawn By: CP
Scale: Not Shown		Approved By: CBP
Source: Google Earth	Project No. 2011-5081	Figure 2 – Area Property Use



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Appendix B

Photos



Frontal view of subject site



Pole-mounted transformers along Ardmore Trail at northern property boundary



St. Joseph County Public Library to the northeast of subject site



Beacon Heights Apartments to the north of subject site, across Ardmore Trail



Adjacent (west) retail and religious center – Faith Apostolic



East side of subject site – donations drop-off and truck parking/garage area



South side of subject site building, fenced area



Hydraulic compactor at southeast corner of building, near donation drop-off



Recycle bins and propane tanks for donation to Michiana Recycle Center



Bosch Manufacturing facility to south of subject site, across Prabst Drive



View along west side of subject site building



Property use to west of subject site – City of South Bend stormwater retention basin



Retail Center



Donation processing center



Former pantry area, currently used in support of Christmas Program applications



Hanging natural gas furnace unit in front storage area - Non-operational (1 of 2)



Fire protection system – connection to municipal water supply



Exhaust vents in appliance test area



Hanging electrical heater unit (typical throughout facility)



Electric hot water heater in appliance test area



Floor drain from hot water heater in appliance test area



Donated clothes processing area



Garage/truck parking area



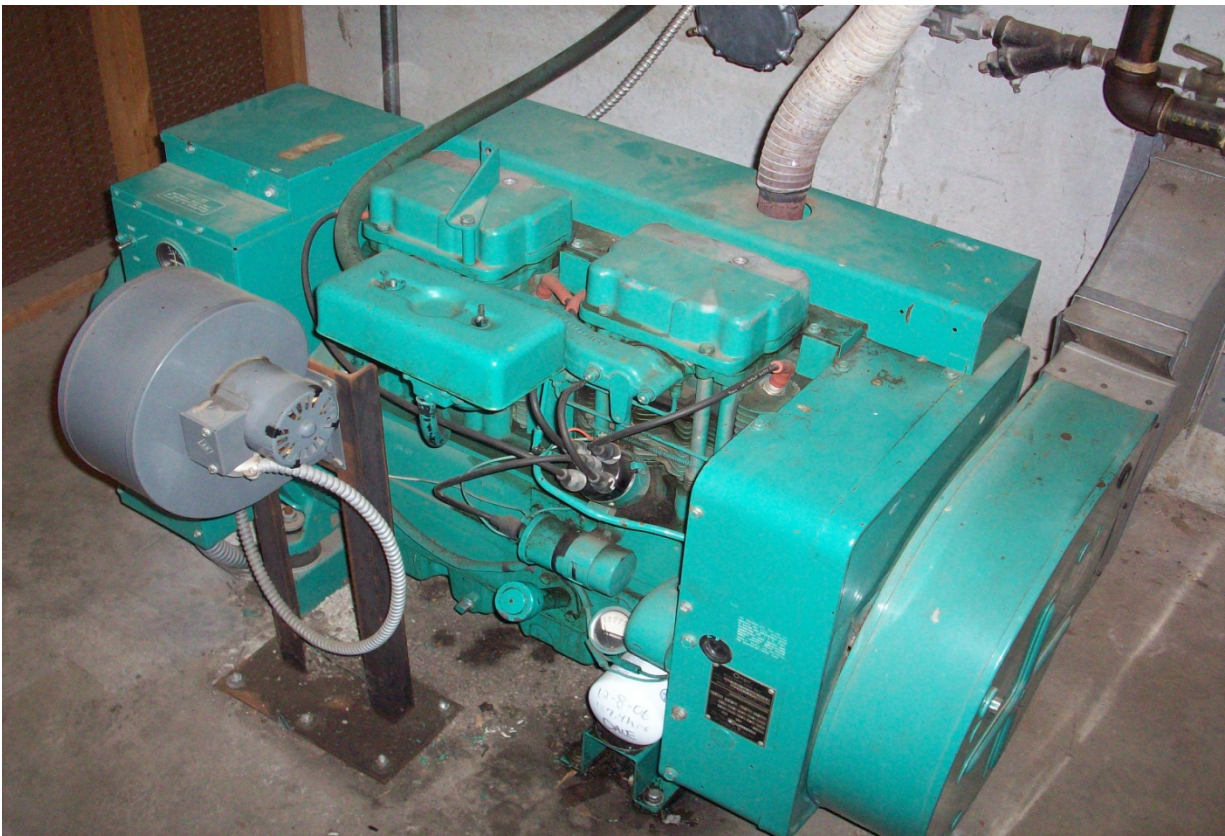
Donation area check-in desk



Lunchroom/kitchenette area



Hydraulic controller for compactor unit



Natural gas emergency generator system



Controller and exhaust to outside for emergency generator



Electrical switch room



Dry-type transformer in electrical switch room



Property management area/general storage



Tile floor and drain in public restroom (typical)



Electrical hot water heater in janitorial closet



Slop sink and drain in janitorial closet



Former Friends of the St. Joseph Public Library



Ground level office areas (typical finishes)



Wheelchair lift between ground and mezzanine levels



Conference room area on mezzanine level



Mezzanine level office (typical)



Electrical heater at entry to retail center

Appendix C

Environmental Data Resources, Inc. Report

St. Vincent DePaul Facility

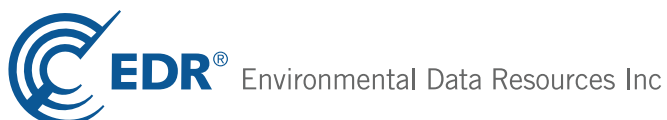
3408 Ardmore Trail

South Bend, IN 46628

Inquiry Number: 03173260.2r

September 26, 2011

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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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

3408 ARDMORE TRAIL
SOUTH BEND, IN 46628

COORDINATES

Latitude (North): 41.688100 - 41° 41' 17.2"
Longitude (West): 86.296800 - 86° 17' 48.5"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 558522.6
UTM Y (Meters): 4615173.0
Elevation: 725 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

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

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2005, 2006, 2007, 2008
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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

EXECUTIVE SUMMARY

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

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

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 institutional control / engineering control registries

AUL..... Sites with Restrictions

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Site List

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
SWRCY..... Recycling Facilities
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
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

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

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
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
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
NPDES..... NPDES Permit Listing
BULK..... Registered Bulk Fertilizer and Pesticide Storage Facilities

EXECUTIVE SUMMARY

MANIFEST.....	Hazardous Waste Manifest Data
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
COAL ASH.....	Coal Ash Disposal Sites
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
COAL ASH DOE.....	Steam-Electric Plan Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

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 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 02/25/2011 has revealed that there are 2 CERC-NFRAP 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>ALLIED-SIGNAL BENDIX</i>	<i>401 NORTH BENDIX DRIVE</i>	<i>SSE 1/4 - 1/2 (0.339 mi.)</i>	<i>A6</i>	<i>17</i>
<i>ALLIED CORPORATION/ALLIED-SIGN</i>	<i>717 NORTH BENDIX DRIVE</i>	<i>SSE 1/4 - 1/2 (0.339 mi.)</i>	<i>A7</i>	<i>28</i>

EXECUTIVE SUMMARY

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 03/09/2011 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>
ALLIED-SIGNAL BENDIX	401 NORTH BENDIX DRIVE	SSE 1/4 - 1/2 (0.339 mi.)	A6	17

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>
ALLIED SIGNAL	717 N BENDIX	SSE 1/4 - 1/2 (0.340 mi.)	A9	31

State and tribal leaking storage tank lists

LUST: Lust List.

A review of the LUST list, as provided by EDR, and dated 03/01/2011 has revealed that there are 4 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>
RED D MART Description: NFA-RISC industrial soil only	3228 LINCOLN WAY W	NNE 1/4 - 1/2 (0.257 mi.)	3	8
KUERT CONCRETE Description: NFA-UST Branch Guidance Manual	3113 LINCOLNWAY W	NE 1/4 - 1/2 (0.285 mi.)	4	9
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NATIONWISE AUTO PARTS #269 Description: Active	1033 N BENDIX	E 1/8 - 1/4 (0.172 mi.)	1	7
BENDIX TRANSPORTATION	739 N SHERIDAN AVE	SW 1/4 - 1/2 (0.385 mi.)	10	31

EXECUTIVE SUMMARY

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 03/16/2011 has revealed that there are 2 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>
HARMONS CAR WASH	1129 N BENDIX DR	ENE 1/8 - 1/4 (0.202 mi.)	2	7

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NATIONWISE AUTO PARTS #269	1033 N BENDIX	E 1/8 - 1/4 (0.172 mi.)	1	7

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 02/20/2011 has revealed that there is 1 VCP 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>
ALLIEDSIGNAL/HONEYWELL	717 N. BENDIX	SSE 1/4 - 1/2 (0.340 mi.)	A8	31

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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 06/09/2011 has revealed that there is 1 SCP site within approximately 0.5 miles of the target property.

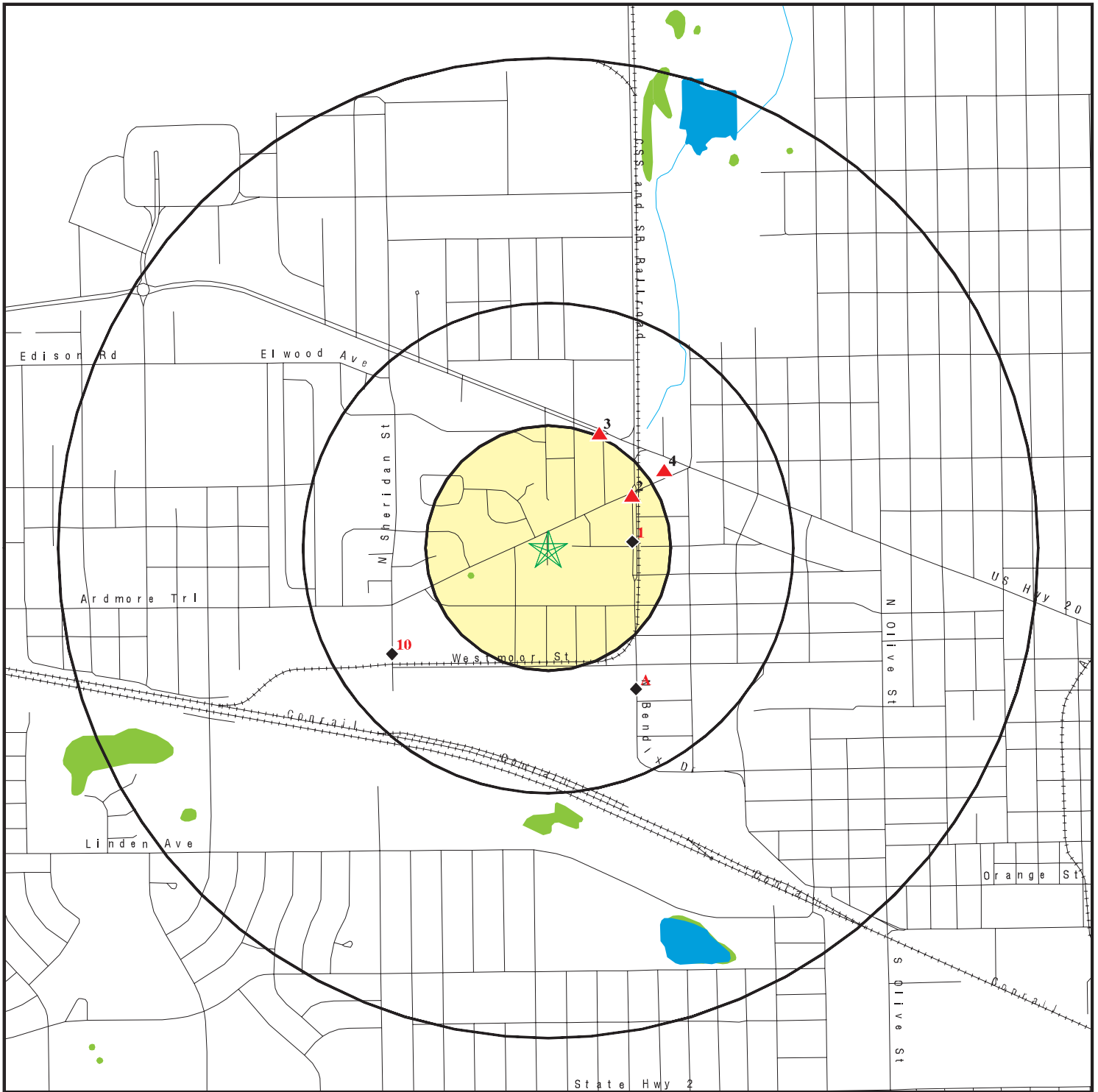
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HONEYWELL ENGINE SYSTEMS / ACC	717 N BENDIX DR	SSE 1/4 - 1/2 (0.339 mi.)	A5	14

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 26 records.

<u>Site Name</u>	<u>Database(s)</u>
AMERIGAS	SWRCY
14009 E JEFFERSON	SPILLS, SCP
MACALLISTER MACHINERY CO.	SCP
CHIPPEWA AVENUE WELL FIELD	SHWS
FORMER CITY/COUNTY LDFL	CERC-NFRAP
SPEEKS SITE	CERC-NFRAP
DOUGLAS ROAD SITE	CERC-NFRAP
ST JOSEPH COUNTY LANDFILL	CERC-NFRAP
ST JOSEPH COUNTY LANDFILL #1	CERC-NFRAP
CLEVELAND ROAD SITE	CERC-NFRAP
SOUTH BEND OLIVE ST WELL FIELD	CERC-NFRAP
AREA NR SOUTH BEND WWTP	CERC-NFRAP
COUNTRY CUPBOARD #7	LUST
T & M AUTO LEASING INC	LUST
UPS FREIGHT	LUST
UPS FREIGHT	UST
JAKE'S SUNOCO	UST
T & M AUTO LEASING INC	UST
1530 OLIVE ST.	HMIRS
FACILITY SITE, 3201 WEST CALVERT	ERNS
1321 HEUY ST	ERNS
MILEPOST: CD438.28 OLIVE ST.	ERNS
900 EAST ST. JOSEPH LAPORTE COUNTY	ERNS
900 EAST ST. JOSEPH LAPORTE COUNTY	ERNS
ST JOSEPH POLISH ROMAN CATHOLIC CE	ERNS
ST. JOSEPH POLISH ROMAN CATHOLIC C	FINDS
	AIRS

OVERVIEW MAP - 03173260.2r



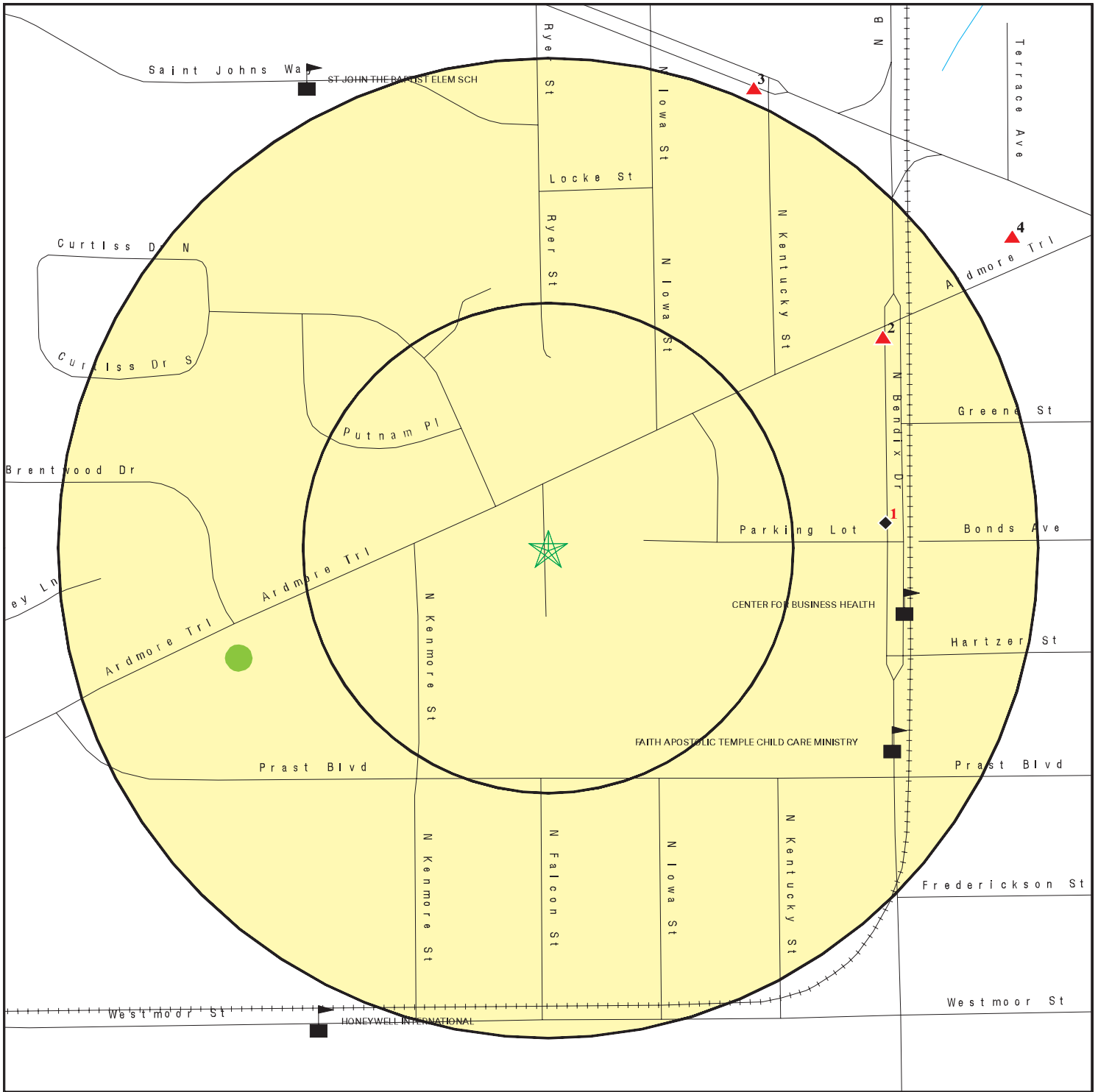
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- ▲ Oil & Gas pipelines from USGS
- 100-year flood 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: St. Vincent DePaul Facility
 ADDRESS: 3408 Ardmore Trail
 South Bend IN 46628
 LAT/LONG: 41.6881 / 86.2968

CLIENT: Wightman Petrie Inc.
 CONTACT: Conley Phifer
 INQUIRY #: 03173260.2r
 DATE: September 26, 2011 9:51 am

DETAIL MAP - 03173260.2r



-  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
 -  National Wetland Inventory
- 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: St. Vincent DePaul Facility
 ADDRESS: 3408 Ardmore Trail
 South Bend IN 46628
 LAT/LONG: 41.6881 / 86.2968

CLIENT: Wightman Petrie Inc.
 CONTACT: Conley Phifer
 INQUIRY #: 03173260.2r
 DATE: September 26, 2011 9:51 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<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	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	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	0	NR	NR	0
<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	0	0	NR	NR	NR	0
<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
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS		1.000	0	0	1	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	1	3	NR	NR	4
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST		0.250	0	2	NR	NR	NR	2

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 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	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP		0.500	0	0	1	NR	NR	1
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
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
LUCIS		0.500	0	0	0	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		0.250	0	0	NR	NR	NR	0
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

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA		TP	NR	NR	NR	NR	NR	0
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	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
BULK		0.250	0	0	NR	NR	NR	0
MANIFEST		0.250	0	0	NR	NR	NR	0
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
COAL ASH		0.500	0	0	0	NR	NR	0
SCP		0.500	0	0	1	NR	NR	1
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
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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 FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

1
East
1/8-1/4
0.172 mi.
909 ft.

NATIONWISE AUTO PARTS #269
1033 N BENDIX
SOUTH BEND, IN 46628

LUST **U001081228**
UST **N/A**

Relative:
Lower

LUST:
Facility ID: 13076
Incident Number: 199402518
Affected Area: Soil
Description: Active
Priority: Low

Actual:
724 ft.

UST:
Facility ID: 13076
Owner Id: 5193
Company Name: Nationwide Auto Parts
Mailing Address: 3750 Courtright Ct
Mailing Address 2: Not reported
Mailing City,St,Zip: Columbus, OH 43227

Tank Number: 1
Install Date: 1984-01-01 00:00:00
Tank Status: Permanently Out of Service
Substance Desc: Used Oil

2
ENE
1/8-1/4
0.202 mi.
1066 ft.

HARMONS CAR WASH
1129 N BENDIX DR
SOUTH BEND, IN 46628

UST **U001081638**
N/A

Relative:
Higher

UST:
Facility ID: 14365
Owner Id: 5989
Company Name: Eugene L Harmon
Mailing Address: 3621 Elwood Ave
Mailing Address 2: Not reported
Mailing City,St,Zip: South Bend, IN 46628

Actual:
729 ft.

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

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

3
NNE
1/4-1/2
0.257 mi.
1357 ft.

RED D MART
3228 LINCOLN WAY W
SOUTH BEND, IN 46628

LUST **U003093379**
UST **N/A**

Relative:
Higher

LUST:
 Facility ID: 3537
 Incident Number: 200710504
 Affected Area: Soil
 Description: NFA-RISC industrial soil only
 Priority: Low

Actual:
737 ft.

UST:
 Facility ID: 3537
 Owner Id: 11049
 Company Name: C & J Realty
 Mailing Address: 415 New St Po Box 96
 Mailing Address 2: Not reported
 Mailing City,St,Zip: Goshen, IN 46526

Tank Number: 1
 Install Date: 1956-01-01 00:00:00
Tank Status: Permanently Out of Service
 Substance Desc: Gasoline

Tank Number: 2
 Install Date: 1956-01-01 00:00:00
Tank Status: Permanently Out of Service
 Substance Desc: Gasoline

Tank Number: 3
 Install Date: 1974-01-01 00:00:00
Tank Status: Permanently Out of Service
 Substance Desc: Gasoline

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: Gasoline

Tank Number: 6
 Install Date: Not reported
Tank Status: Permanently Out of Service
 Substance Desc: Gasoline

Tank Number: 7
 Install Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RED D MART (Continued)

U003093379

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

4
NE
1/4-1/2
0.285 mi.
1505 ft.

KUERT CONCRETE
3113 LINCOLNWAY W
SOUTH BEND, IN 46628

RCRA-CESQG 1000463341
FINDS IND005225057
LUST
MANIFEST
TIER 2

Relative:
Higher

RCRA-CESQG:

Actual:
731 ft.

Date form received by agency: 12/29/1986
Facility name: KUERT CONCRETE
Facility address: 3113 LINCOLNWAY W
SOUTH BEND, IN 46628
EPA ID: IND005225057
Mailing address: 3402 LINCOLNWAY W
SOUTH BEND, IN 46628
Contact: GREG TOWNER
Contact address: 3402 LINCOLNWAY W
SOUTH BEND, IN 46628
Contact country: US
Contact telephone: (219) 232-9911
Contact email: Not reported
EPA Region: 05
Land type: Facility is not located on Indian land. Additional information is not known.
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUERT CONCRETE (Continued)

1000463341

Owner/operator name: KUERT CONCRETE INC
Owner/operator address: 3402 LINCOLNWAY W
SOUTH BEND, IN 46628
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
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: 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: 02/02/1993
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110003071979

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUERT CONCRETE (Continued)

1000463341

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.

LUST:

Facility ID: 4933
Incident Number: 199110562
Affected Area: Soil
Description: NFA-UST Branch Guidance Manual
Priority: Low

IN MANIFEST:

EPA ID: IND005225057
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: IND005225057
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: 3402 LINCOLNWAY W
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46628
Contact Last Name: TOWNER
Contact First Name: GREG
Contact Telephone: 574-232-9911
Contact Type: B

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUERT CONCRETE (Continued)

1000463341

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: IND005225057
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND005225057
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

IN TIER 2:

Facility ID and Name: 12250 KUERT CONCRETE INCORPORATED
SIC Code: 3273
Contact Name: Greg Towner
Contact Phone: 574-232-9911 214
Owner Name: Not reported
Owner Phone: Not reported

Contact:

Facility Id: 12250
Contact Type: Primary Emergency Contact
Contact Name: Greg Towner
Mailing Address1: 3402 Lincolnway W

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUERT CONCRETE (Continued)

1000463341

Mailing Address2: Not reported
Mailing Address3: Not reported
Mailing City/State/Zip: South Bend, IN 46628
Phone: 574-876-9667
Type: 24-hour

Facility Id: 12250
Contact Type: Primary Emergency Contact
Contact Name: Greg Towner
Mailing Address1: 3402 Lincolnway W
Mailing Address2: Not reported
Mailing Address3: Not reported
Mailing City/State/Zip: South Bend, IN 46628
Phone: 574-232-9911 214
Type: Work

Facility Id: 12250
Contact Type: Primary Emergency Contact
Contact Name: Greg Towner
Mailing Address1: 3402 Lincolnway W
Mailing Address2: Not reported
Mailing Address3: Not reported
Mailing City/State/Zip: South Bend, IN 46628
Phone: 574-876-1942
Type: Not reported

Facility Id: 12250
Contact Type: Business Owner
Contact Name: Kuert Concrete Inc
Mailing Address1: 3402 Lincolnway West
Mailing Address2: Not reported
Mailing Address3: Not reported
Mailing City/State/Zip: South Bend, IN 46628
Phone: 574-876-9667
Type: Mobile

Facility Id: 12250
Contact Type: Primary Emergency Contact
Contact Name: Greg Towner
Mailing Address1: 3402 Lincolnway W
Mailing Address2: Not reported
Mailing Address3: Not reported
Mailing City/State/Zip: South Bend, IN 46628
Phone: 574-876-9667
Type: Mobile

Chemical Inventory:

Chemical Name: Calcium chloride
Chemical Info: CAS Num: Chemical Id: Submission Code:
Chemical Info: Max Daily Amt: Quantity: 365 Container Type: Above-Ground Tank
Location Description: No side of Ready mix plant

Chemical Name: Coal ash by-product
Chemical Info: CAS Num: Chemical Id: Submission Code:
Chemical Info: Max Daily Amt: Quantity: 365 Container Type: Silo
Location Description: Ready mix plant

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUERT CONCRETE (Continued)

1000463341

Chemical Name: Fuel Oil # 2
Chemical Info: CAS Num: Chemical Id: Submission Code:
Chemical Info: Max Daily Amt: Quantity: 365 Container Type: Above-Ground Tank
Location Description: east of ready mix plant

Chemical Name: Limestone
Chemical Info: CAS Num: Chemical Id: Submission Code:
Chemical Info: Max Daily Amt: Quantity: 365 Container Type: Other
Location Description: south of ready mix plant

Chemical Name: Portland Cement
Chemical Info: CAS Num: Chemical Id: Submission Code:
Chemical Info: Max Daily Amt: Quantity: 365 Container Type: Silo
Location Description: ready mix plant

Chemical Name: Sand
Chemical Info: CAS Num: Chemical Id: Submission Code:
Chemical Info: Max Daily Amt: Quantity: 365 Container Type: Other
Location Description: south of ready mix plant

Chemical Name: Not reported
Chemical Info: CAS Num: Chemical Id: Submission Code:
Chemical Info: Max Daily Amt: Quantity: 0 Container Type:
Location Description: Not reported

A5 **HONEYWELL ENGINE SYSTEMS / ACCESSORIES**
SSE **717 N BENDIX DR**
1/4-1/2 **SOUTH BEND, IN 46620**
0.339 mi.
1788 ft.

UST **U003951585**
SCP **N/A**

Site 1 of 5 in cluster A

Relative:
Lower

UST:

Facility ID: 796
Owner Id: 6822
Company Name: The Allied Corporation
Mailing Address: 401 N Bendix Dr
Mailing Address 2: Not reported
Mailing City,St,Zip: South Bend, IN 46624

Actual:
710 ft.

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

Tank Number: 10
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Hazardous Petro

Tank Number: 11
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Unknown

Tank Number: 12

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONEYWELL ENGINE SYSTEMS / ACCESSORIES (Continued)

U003951585

Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Unknown

Tank Number: 14
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Unknown

Tank Number: 15
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Unknown

Tank Number: 17
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Other

Tank Number: 18
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Other

Tank Number: 19
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: Unknown

Tank Number: 20
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Other

Tank Number: 21
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Other

Tank Number: 22
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

HONEYWELL ENGINE SYSTEMS / ACCESSORIES (Continued)

U003951585

Tank Number: 26
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Other

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

Tank Number: 31
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Other

Tank Number: 38
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Other

Tank Number: 4
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Unknown

Tank Number: 40
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Used Oil

Tank Number: 5
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Unknown

Tank Number: 6
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Unknown

Tank Number: 7
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Unknown

Tank Number: 8
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

HONEYWELL ENGINE SYSTEMS / ACCESSORIES (Continued)

U003951585

Substance Desc: Unknown

Tank Number: 9
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Used Oil

SCP:
Facility Id: 6980601
Facility Type: Not reported

A6
SSE
1/4-1/2
0.339 mi.
1788 ft.

ALLIED-SIGNAL BENDIX
401 NORTH BENDIX DRIVE
SOUTH BEND, IN 46624

Site 2 of 5 in cluster A

CERC-NFRAP 1000463444
CORRACTS IND005461165
RCRA-CESQG
FINDS
MANIFEST

Relative:
Lower

CERC-NFRAP:
Site ID: 0501290
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

Actual:
710 ft.

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: BENDIX AUTOMOTIVE SYSTEMS
Alias Address: Not reported
IN

Alias Name: BENDIX CORP THE
Alias Address: Not reported
IN

Alias Name: BENDIX ENGINE CONTROLS DIV
Alias Address: Not reported
IN

Alias Name: ALLIED SIGNAL INC ENG S
Alias Address: Not reported
Not reported

Program Priority:
Description: Great Lakes

Description: RCRA Deferral Audit

Description: RCRA Deferral - Lead Confirmed

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 03/01/1983
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED-SIGNAL BENDIX (Continued)

1000463444

Date Completed: 03/01/1983
Priority Level: Low priority for further assessment

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 08/01/1983
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 08/01/1983
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 08/01/1983
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 10/29/1993
Priority Level: Deferred to RCRA (Subtitle C)

CORRACTS:

EPA ID: IND005461165
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 03/31/1992
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 336412
Aircraft Engine and Engine Parts Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: IND005461165
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 05/01/2009
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): 336412
Aircraft Engine and Engine Parts Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: IND005461165
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 06/24/1992
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED-SIGNAL BENDIX (Continued)

1000463444

corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 336412
Aircraft Engine and Engine Parts Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: IND005461165
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 12/30/1991
Action: CA050 - RFA Completed
NAICS Code(s): 336412
Aircraft Engine and Engine Parts Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-CESQG:

Date form received by agency: 03/03/2004
Facility name: HONEYWELL-ENGINE SYSTEMS & ACCESSORIES
Facility address: 717 N BENDIX DR
SOUTH BEND, IN 46620
EPA ID: IND005461165
Mailing address: 3520 WESTMOOR ST
SOUTH BEND, IN 46628
Contact: CRAIG LOSEE
Contact address: 3520 WESTMOOR ST
SOUTH BEND, IN 46628
Contact country: US
Contact telephone: (574) 231-3438
Contact email: CRAIG.LOSEE@HONEYWELL.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

Owner/Operator Summary:

Owner/operator name: HONEYWELL-ENGINE SYSTEMS & ACCESSORIES
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED-SIGNAL BENDIX (Continued)

1000463444

Owner/Operator Type: Operator
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: HONEYWELL INTERNATIONAL INC
Owner/operator address: BOX 1057
MORRISTOWN, NJ 07962

Owner/operator country: Not reported
Owner/operator telephone: (973) 455-2000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/20/2002
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: 02/20/2002
Facility name: HONEYWELL-ENGINE SYSTEMS & ACCESSORIES
Site name: HONEYWELL INTERNATIONAL INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/10/2000
Facility name: HONEYWELL-ENGINE SYSTEMS & ACCESSORIES
Site name: HONEYWELL INTERNATIONAL INC
Classification: Small Quantity Generator

Date form received by agency: 02/26/1998
Facility name: HONEYWELL-ENGINE SYSTEMS & ACCESSORIES
Site name: ALLIEDSIGNAL E.S.A.
Classification: Large Quantity Generator

Date form received by agency: 02/26/1996
Facility name: HONEYWELL-ENGINE SYSTEMS & ACCESSORIES
Site name: ALLIEDSIGNAL CONTROLS & ACCESSORIES
Classification: Large Quantity Generator

Date form received by agency: 01/26/1994
Facility name: HONEYWELL-ENGINE SYSTEMS & ACCESSORIES
Site name: ALLIED SIGNAL CONTROLS & ACCESSORIES
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED-SIGNAL BENDIX (Continued)

1000463444

Date form received by agency: 01/15/1993
Facility name: HONEYWELL-ENGINE SYSTEMS & ACCESSORIES
Site name: HONEYWELL INTERNATIONAL INC
Classification: Not a generator, verified

Date form received by agency: 01/07/1992
Facility name: HONEYWELL-ENGINE SYSTEMS & ACCESSORIES
Site name: BENDIX ENGINE CONTROLS DIVISION
Classification: Large Quantity Generator

Date form received by agency: 03/01/1990
Facility name: HONEYWELL-ENGINE SYSTEMS & ACCESSORIES
Site name: ALLIED-SIGNAL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980
Facility name: HONEYWELL-ENGINE SYSTEMS & ACCESSORIES
Site name: HONEYWELL INTERNATIONAL 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.

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D018
Waste name: BENZENE

Waste code: D027
Waste name: 1,4-DICHLOROBENZENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED-SIGNAL BENDIX (Continued)

1000463444

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 LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	F006
Waste name:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED-SIGNAL BENDIX (Continued)

1000463444

PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste code: F007
Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Waste code: F008
Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Waste code: F009
Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Waste code: F010
Waste name: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Waste code: F011
Waste name: SPENT CYANIDE SOLUTIONS FROM SALT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

Waste code: F012
Waste name: QUENCHING WASTE WATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Waste code: K062
Waste name: SPENT PICKLE LIQUOR GENERATED BY STEEL FINISHING OPERATIONS OF FACILITIES WITHIN THE IRON AND STEEL INDUSTRY (SIC CODES 331 AND 332).

Waste code: P029
Waste name: COPPER CYANIDE

Waste code: P030
Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste code: P098
Waste name: POTASSIUM CYANIDE

Waste code: P106
Waste name: SODIUM CYANIDE

Waste code: P121
Waste name: ZINC CYANIDE

Waste code: U002
Waste name: ACETONE (I)

Waste code: U043
Waste name: ETHENE, CHLORO-

Waste code: U080
Waste name: METHANE, DICHLORO-

Waste code: U107
Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED-SIGNAL BENDIX (Continued)

1000463444

Waste code: U108
Waste name: 1,4-DIETHYLENEOXIDE

Waste code: U125
Waste name: 2-FURANCARBOXALDEHYDE (I)

Waste code: U134
Waste name: HYDROFLUORIC ACID (C,T)

Waste code: U158
Waste name: BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-

Waste code: U159
Waste name: 2-BUTANONE (I,T)

Waste code: U169
Waste name: BENZENE, NITRO-

Waste code: U210
Waste name: ETHENE, TETRACHLORO-

Waste code: U220
Waste name: BENZENE, METHYL-

Waste code: U226
Waste name: ETHANE, 1,1,1-TRICHLORO-

Waste code: U228
Waste name: ETHENE, TRICHLORO-

Waste code: U239
Waste name: BENZENE, DIMETHYL- (I,T)

Corrective Action Summary:

Event date: 12/30/1991
Event: RFA Completed

Event date: 03/31/1992
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 06/24/1992
Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event date: 05/01/2009
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Used Oil - Generators

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED-SIGNAL BENDIX (Continued)

1000463444

Date violation determined: 06/26/1998
Date achieved compliance: 01/13/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/19/1998
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: 06/26/1998
Date achieved compliance: 01/13/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/19/1998
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

Evaluation Action Summary:
Evaluation date: 06/26/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 01/13/1999
Evaluation lead agency: State

Evaluation date: 06/26/1998
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Pre-transport
Date achieved compliance: 01/13/1999
Evaluation lead agency: EPA

Evaluation date: 06/26/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 01/13/1999
Evaluation lead agency: State

Evaluation date: 06/26/1998
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Used Oil - Generators
Date achieved compliance: 01/13/1999
Evaluation lead agency: EPA

Evaluation date: 06/11/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED-SIGNAL BENDIX (Continued)

1000463444

Evaluation date: 08/01/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/07/1985
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/23/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110000889655

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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: IND005461165
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: IND005461165

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED-SIGNAL BENDIX (Continued)

1000463444

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: 3520 WESTMOOR ST
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46628
Contact Last Name: LOSEE
Contact First Name: CRAIG
Contact Telephone: 574-231-3438
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: IND005461165
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND005461165
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

A7
SSE
1/4-1/2
0.339 mi.
1788 ft.

ALLIED CORPORATION/ALLIED-SIGNAL AEROSPACE
717 NORTH BENDIX DRIVE
SOUTH BEND, IN 46628
Site 3 of 5 in cluster A

CERC-NFRAP 1000248857
RCRA-NonGen IND152578043
MANIFEST

Relative:
Lower

CERC-NFRAP:
Site ID: 0505814
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

Actual:
710 ft.

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: ALLIED BENDIX CORPORATION
Alias Address: Not reported
IN

Alias Name: ALLIED CORP/ALLIED-SIGNAL AEROSPACE
Alias Address: 717 NORTH BENDIX DRIVE
SOUTH BEND, IN 46628

Program Priority:

Description: Great Lakes

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 11/06/1987
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 08/02/1990
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 09/04/1998
Priority Level: Not reported

RCRA-NonGen:

Date form received by agency: 09/03/1987
Facility name: ALLIED BENDIX
Facility address: 717 N BENDIX DR
SOUTH BEND, IN 46624
EPA ID: IND152578043
Contact: DONALD GRANDISON
Contact address: 717 N BENDIX DR
SOUTH BEND, IN 46624

Contact country: US
Contact telephone: (219) 237-5062
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED CORPORATION/ALLIED-SIGNAL AEROSPACE (Continued)

1000248857

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

Violation Status: No violations found

IN MANIFEST:

EPA ID: IND152578043
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: IND152578043
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: 717 N BENDIX DR
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED CORPORATION/ALLIED-SIGNAL AEROSPACE (Continued)

1000248857

Handler Mailing Zip: 46624
Contact Last Name: GRANDISON
Contact First Name: DONALD
Contact Telephone: 574-237-5062
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: IND152578043
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND152578043
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

A8 SSE 1/4-1/2 0.340 mi. 1794 ft.	ALLIEDSIGNAL/HONEYWELL 717 N. BENDIX SOUTH BEND, IN Site 4 of 5 in cluster A	VCP	S105202298 N/A
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Relative: Lower	IN VCP: Status: Active VRP Id Number: 6980601 Applicant Name: Allied Signal Inc. LandUse Restrictions/Institutional Controls: Not reported Project Manager: Pham Covenant Not To Sue Date: Not reported Certificate of Completion Date: Not reported		
Actual: 710 ft.			

A9 SSE 1/4-1/2 0.340 mi. 1794 ft.	ALLIED SIGNAL 717 N BENDIX SOUTH BEND, IN Site 5 of 5 in cluster A	SHWS	S104325412 N/A
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Relative: Lower	SHWS: Facility Id: VRP6980601 Score: 41.75 Score Date: May 1992 Contaminant Type: Solvents Media Affected: Soil and Groundwater Contact Tele: 3172340970 Last Date: January 2005 Facility Status: On January 31, 1983, the Bendix Corporation was acquired by Allied Corporation. The Allied Corporation later became Allied-Signal. Allied-Signal is comprised of three (3) divisions. Production at the facility included automotive brake and steering, aircraft fuel controls, aircraft wheels, brales and landing gear. No manufacturing is currently taking place at the property. Bendix created a large number of waste streams over the years. Most were shipped off site for disposal although some were stored in a hazardous waste storage area. Bendix had also disposed of some of its waste in pits and dumps in the past. In addition, numerous spills occurred in and around the complex. In December 1991, a study completed by Allied consultant reported extensive groundwater contamination beneath the site. Allied has voluntarily attempted to contain and remove contaminants from the groundwater and is now participating in the Voluntary Remediation Program. Most recently, a remediation Work Plan is currently under review. Please contact Chris Bauer for more information.		
Actual: 710 ft.			

10 SW 1/4-1/2 0.385 mi. 2034 ft.	BENDIX TRANSPORTATION 739 N SHERIDAN AVE SOUTH BEND, IN 46628	RCRA-NonGen FINDS LUST UST MANIFEST MANIFEST	1000189729 IND069763688
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Relative: Lower	RCRA-NonGen: Date form received by agency: 08/24/1983 Facility name: BENDIX TRANSPORTATION MGMT CORP Facility address: 739 N SHERIDAN AVE SOUTH BEND, IN 46628 EPA ID: IND069763688 Mailing address: 739 SHERIDAN AVE		
Actual: 720 ft.			

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENDIX TRANSPORTATION (Continued)

1000189729

S BEND, IN 46628
Contact: GREG ANASTASIO
Contact address: 739 SHERIDAN AVE
S BEND, IN 46628
Contact country: US
Contact telephone: (219) 237-5675
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: BENDIX TRANSPORTATION MGMT CORP
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
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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENDIX TRANSPORTATION (Continued)

1000189729

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:
Waste name:

D002
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.

Waste code:
Waste name:

D008
LEAD

Waste code:
Waste name:

F001
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:
Waste name:

F002
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:
Waste name:

F003
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:
Waste name:

F004
THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; 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, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENDIX TRANSPORTATION (Continued)

1000189729

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.

Waste code: U002
Waste name: ACETONE (I)

Waste code: U080
Waste name: METHANE, DICHLORO-

Waste code: U112
Waste name: ACETIC ACID ETHYL ESTER (I)

Waste code: U239
Waste name: BENZENE, DIMETHYL- (I,T)

Violation Status: No violations found

FINDS:

Registry ID: 110003082985

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.

LUST:

Facility ID: 2746
Incident Number: 199009595
Affected Area: Soil
Description: NFA-UST Branch Guidance Manual
Priority: Medium

Facility ID: 2746
Incident Number: 199009595
Affected Area: Groundwater
Description: NFA-UST Branch Guidance Manual

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENDIX TRANSPORTATION (Continued)

1000189729

Priority: Medium

UST:

Facility ID: 2746
Owner Id: 5723
Company Name: Bendix Transportation Mgmt Corp
Mailing Address: 1657 Commerce Dr
Mailing Address 2: Not reported
Mailing City,St,Zip: South Bend, IN 46628

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
Substance Desc: Other

Tank Number: 3
Install Date: Not reported
Tank Status: Permanently Out of Service
Substance Desc: Used Oil

IN MANIFEST:

EPA ID: IND069763688
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

Manifest Handler:

EPA Id #: IND069763688
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: 739 N SHERIDAN AVE
Handler Mailing City: SOUTH BEND
Handler Mailing State: IN
Handler Mailing Zip: 46628
Contact Last Name: ANASTASIO
Contact First Name: GREG
Contact Telephone: 574-237-5675
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENDIX TRANSPORTATION (Continued)

1000189729

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: IND069763688
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

EPA ID: IND069763688
Year: Not reported
Tons Generated: Not reported
Tons Shipped OffSite: Not reported

NY MANIFEST:

EPA ID: IND069763688
Country: USA
Mailing Name: BENDIX TRANSPORTATION-CENTRAL SOYA
Mailing Contact: DOUGLAS ECKERT
Mailing Address: 1657 COMMERCE DRIVE
Mailing Address 2: Not reported
Mailing City: SOUTHBEND
Mailing State: IN
Mailing Zip: 46619
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 219-282-4324

Document ID: NYB2560986
Manifest Status: Completed copy
Trans1 State ID: 488524ST
Trans2 State ID: Not reported
Generator Ship Date: 920311

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENDIX TRANSPORTATION (Continued)

1000189729

Trans1 Recv Date: 920311
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920312
Part A Recv Date: Not reported
Part B Recv Date: 920326
Generator EPA ID: IND069763688
Trans1 EPA ID: ILD099202681
Trans2 EPA ID: Not reported
TSD ID: NYD049836679
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 01210
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 022
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 92

Count: 26 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SOUTH BEND	S105299361	CHIPPEWA AVENUE WELL FIELD	S BEND WELL FLDS		SHWS
SOUTH BEND	1003870868	FORMER CITY/COUNTY LDFL	BENDIX DR N OF LINCOLNWAY WEST	46628	CERC-NFRAP
SOUTH BEND	1003870874	SPEEKS SITE	BENDIX DRIVE AND DOUGLAS ROAD	46628	CERC-NFRAP
SOUTH BEND	1003870873	DOUGLAS ROAD SITE	DOUGLAS RD AND BENDIX DR	46628	CERC-NFRAP
SOUTH BEND	8863084	FACILITY SITE, 3201 WEST CALVERT	FACILITY SITE, 3201 WEST CALVE		ERNS
SOUTH BEND	2010957244	1321 HEUY ST	1321 HEUY ST		ERNS
SOUTH BEND	1003870712	ST JOSEPH COUNTY LANDFILL	JACKSON & LOCUST RD	46628	CERC-NFRAP
SOUTH BEND	S105679310		14009 E JEFFERSON		SPILLS, SCP
SOUTH BEND	1003872624	ST JOSEPH COUNTY LANDFILL #1	1 MILE NORTH OF SR23 ON CRUMST	46619	CERC-NFRAP
SOUTH BEND	1003872640	CLEVELAND ROAD SITE	2 MILE WEST BENDIX R, ON CLEVE	46628	CERC-NFRAP
SOUTH BEND	1003870880	SOUTH BEND OLIVE ST WELL FIELD	NEAR OLIVE ST & SAMPLE ST	46619	CERC-NFRAP
SOUTH BEND	1003872610	AREA NR SOUTH BEND WWTP	SOUTH OF IN TOLL ROAD, WEST OF	46628	CERC-NFRAP
SOUTH BEND	2008442119	1530 OLIVE ST.	1530 OLIVE ST.		HMIRS
SOUTH BEND	2010932658	MILEPOST: CD438.28 OLIVE ST.	OLIVE ST		ERNS
SOUTH BEND	U001076612	COUNTRY CUPBOARD #7	26395 STATE ROAD 2	46619	LUST
SOUTH BEND	S109845172	MACALLISTER MACHINERY CO.	25734 STATE ROAD 2	46619	SCP
SOUTH BEND	S109949316	AMERIGAS	25701 STATE ROAD 2	46619	SWRCY
SOUTH BEND	1004495646	ST JOSEPH POLISH ROMAN CATHOLIC CE	24980 STHY 2	46619	FINDS
SOUTH BEND	U004124133	UPS FREIGHT	24955 USHY 20 W	46628	UST
SOUTH BEND	U004001976	JAKE'S SUNOCO	26598 USHY 20	46628	UST
SOUTH BEND	U004003004	T & M AUTO LEASING INC	22946 USHY 20 W	46628	UST
SOUTH BEND	S106351103	T & M AUTO LEASING INC	22946 USHY 20 W	46628	LUST
SOUTH BEND	S109237262	UPS FREIGHT	24955 USHY 20 W	46628	LUST
SOUTH BEND	S108484230	ST. JOSEPH POLISH ROMAN CATHOLIC C	24980 W WESTERN AVE	46619	AIRS
ST. JOSEPH COUNTY	2009898194	900 EAST ST. JOSEPH LAPORTE COUNTY	900 EAST ST. JOSEPH LAPORTE CO		ERNS
ST. JOSEPH COUNTY	2008898194	900 EAST ST. JOSEPH LAPORTE COUNTY	900 EAST ST. JOSEPH LAPORTE CO		ERNS

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: 03/31/2011	Source: EPA
Date Data Arrived at EDR: 04/13/2011	Telephone: N/A
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/12/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/24/2011
	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: 03/31/2011	Source: EPA
Date Data Arrived at EDR: 04/13/2011	Telephone: N/A
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/12/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/24/2011
	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: 03/31/2011	Source: EPA
Date Data Arrived at EDR: 04/13/2011	Telephone: N/A
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/12/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/24/2011
	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: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/12/2011
	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's Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/15/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/24/2011
	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: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/12/2011
	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: 03/09/2011
Date Data Arrived at EDR: 03/15/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 91

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
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: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 12/26/2011
	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: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 09/12/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 12/26/2011
	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: 04/05/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/05/2011	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/05/2011
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/17/2011
	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: 09/06/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: Annually

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/02/2011
Date Data Arrived at EDR: 06/22/2011
Date Made Active in Reports: 07/14/2011
Number of Days to Update: 22

Source: Department of Environmental Management
Telephone: 317-232-0066
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
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: 03/01/2011
Date Data Arrived at EDR: 03/08/2011
Date Made Active in Reports: 04/01/2011
Number of Days to Update: 24

Source: Department of Environmental Management
Telephone: 317-232-8900
Last EDR Contact: 09/08/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: Annually

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/11/2011
Date Data Arrived at EDR: 08/12/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 32

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Semi-Annually

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: 01/31/2011
Date Data Arrived at EDR: 02/01/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 48

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/04/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 39

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Quarterly

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: 05/05/2011
Date Data Arrived at EDR: 08/02/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 42

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2011
Next Scheduled EDR Contact: 11/14/2011
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: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/16/2011	Source: EPA Region 7
Date Data Arrived at EDR: 06/02/2011	Telephone: 913-551-7003
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/02/2011
Number of Days to Update: 103	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

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: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6271
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/14/2011
	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: 03/16/2011	Source: Department of Environmental Management
Date Data Arrived at EDR: 06/08/2011	Telephone: 317-308-3008
Date Made Active in Reports: 07/13/2011	Last EDR Contact: 09/09/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: Quarterly

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: 04/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 06/01/2011	Telephone: 913-551-7003
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/02/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

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: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6137
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Quarterly

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: 08/04/2011	Source: EPA Region 9
Date Data Arrived at EDR: 08/05/2011	Telephone: 415-972-3368
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 39	Next Scheduled EDR Contact: 11/14/2011
	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: 05/05/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 08/08/2011	Telephone: 617-918-1313
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/02/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 11/14/2011
	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: 08/11/2011	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2011	Telephone: 404-562-9424
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Semi-Annually

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: 08/04/2011	Source: EPA Region 10
Date Data Arrived at EDR: 08/05/2011	Telephone: 206-553-2857
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 39	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Quarterly

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: 08/01/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Semi-Annually

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: 07/01/2011	Source: EPA Region 5
Date Data Arrived at EDR: 08/26/2011	Telephone: 312-886-6136
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

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: 07/18/2011
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/09/2011	Source: Department of Environmental Management
Date Data Arrived at EDR: 08/05/2011	Telephone: 317-232-8603
Date Made Active in Reports: 08/10/2011	Last EDR Contact: 09/19/2011
Number of Days to Update: 5	Next Scheduled EDR Contact: 12/19/2011
	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: 02/20/2011	Source: Department of Environmental Management
Date Data Arrived at EDR: 04/19/2011	Telephone: 317-234-0966
Date Made Active in Reports: 04/29/2011	Last EDR Contact: 07/22/2011
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/31/2011
	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: 05/05/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 07/05/2011	Telephone: 617-918-1102
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 07/05/2011
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/17/2011
	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: 06/09/2011	Source: Department of Environmental Management
Date Data Arrived at EDR: 06/09/2011	Telephone: 317-233-2570
Date Made Active in Reports: 07/14/2011	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/27/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/27/2011	Telephone: 202-566-2777
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 06/27/2011
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/10/2011
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

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: 06/27/2011
Number of Days to Update: 137	Next Scheduled EDR Contact: 10/10/2011
	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: 07/25/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 11/07/2011
	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: 08/08/2011
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/21/2011
	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: 04/08/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/16/2011	Telephone: 202-307-1000
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/07/2011
Number of Days to Update: 89	Next Scheduled EDR Contact: 12/19/2011
	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: 09/06/2011
Number of Days to Update: 10	Next Scheduled EDR Contact: 12/19/2011
	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: 05/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/11/2011	Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/12/2011
Number of Days to Update: 125	Next Scheduled EDR Contact: 11/14/2011
	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: 07/11/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/05/2011
	Data Release Frequency: Varies

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/05/2011	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/05/2011	Telephone: 202-366-4555
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 07/05/2011
Number of Days to Update: 161	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Annually

SPILLS: Spills Incidents

Oil, hazardous, or objectionable materials that may be released to soil and water.

Date of Government Version: 12/29/2010	Source: Department of Environmental Management
Date Data Arrived at EDR: 03/08/2011	Telephone: 317-308-3038
Date Made Active in Reports: 04/01/2011	Last EDR Contact: 09/09/2011
Number of Days to Update: 24	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA-NonGen: 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: 06/15/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/07/2011	Telephone: 312-886-6186
Date Made Active in Reports: 08/08/2011	Last EDR Contact: 07/07/2011
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/17/2011
	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: 01/12/2011	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/11/2011	Telephone: 202-366-4595
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 08/09/2011
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/21/2011
	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: 07/22/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/31/2011
	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: 09/12/2011
Number of Days to Update: 112	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2010	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 04/05/2011	Telephone: Varies
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/01/2011
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Varies

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: 05/31/2011	Source: EPA
Date Data Arrived at EDR: 06/15/2011	Telephone: 703-416-0223
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/14/2011
Number of Days to Update: 90	Next Scheduled EDR Contact: 12/26/2011
	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: 10/21/2010	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 08/31/2011
Number of Days to Update: 99	Next Scheduled EDR Contact: 12/12/2011
	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: 05/06/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/08/2011
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/19/2011
	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: 12/17/2010	Telephone: 202-566-0250
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/12/2011
	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: 06/30/2011
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/10/2011
	Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
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
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 08/18/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/21/2011	Telephone: 202-564-5088
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 06/27/2011
Number of Days to Update: 59	Next Scheduled EDR Contact: 10/10/2011
	Data Release Frequency: Quarterly

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: 07/22/2011
Number of Days to Update: 98	Next Scheduled EDR Contact: 10/31/2011
	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: 09/12/2011
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/26/2011
	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: 01/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2011	Telephone: 202-343-9775
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/12/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/24/2011
	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: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (312) 353-2000
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 09/13/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/26/2011
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/01/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Biennially

NPDES: NPDES Permit Listing

A listing of active NPDES Permit Section facility locations.

Date of Government Version: 07/19/2011
Date Data Arrived at EDR: 07/19/2011
Date Made Active in Reports: 08/10/2011
Number of Days to Update: 22

Source: Department of Environmental Management
Telephone: 317-233-0676
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
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: 04/01/2011
Date Data Arrived at EDR: 04/13/2011
Date Made Active in Reports: 04/29/2011
Number of Days to Update: 16

Source: Office of Indiana State Chemist
Telephone: 765-494-0579
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
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: 12/31/2009
Date Data Arrived at EDR: 10/21/2010
Date Made Active in Reports: 11/05/2010
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 317-233-4624
Last EDR Contact: 07/15/2011
Next Scheduled EDR Contact: 10/24/2011
Data Release Frequency: Annually

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: 02/04/2011
Date Data Arrived at EDR: 02/04/2011
Date Made Active in Reports: 02/23/2011
Number of Days to Update: 19

Source: Department of Environmental Management
Telephone: 800-988-7901
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Varies

AIRS: Permitted Sources & Emissions Listing

Current permitted sources and emissions inventory information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 06/22/2010
Date Made Active in Reports: 07/27/2010
Number of Days to Update: 35

Source: Department of Environmental Management
Telephone: 317-233-0185
Last EDR Contact: 07/15/2011
Next Scheduled EDR Contact: 10/24/2011
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: 12/31/2009
Date Data Arrived at EDR: 09/20/2010
Date Made Active in Reports: 11/05/2010
Number of Days to Update: 46

Source: Department of Environmental Management
Telephone: 317-233-0066
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
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
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/22/2011
Next Scheduled EDR Contact: 10/31/2011
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
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 07/15/2011
Next Scheduled EDR Contact: 11/07/2011
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/05/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/22/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: N/A

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial assurance information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/31/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 09/12/2011
Number of Days to Update: 12

Source: Department of Environmental Management
Telephone: 317-233-1052
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
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: 06/09/2011
Date Data Arrived at EDR: 06/09/2011
Date Made Active in Reports: 07/14/2011
Number of Days to Update: 35

Source: Department of Environmental Management
Telephone: 317-233-0068
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: Quarterly

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: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
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
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/16/2011
Next Scheduled EDR Contact: 12/26/2011
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: 08/31/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 09/12/2011
Number of Days to Update: 12

Source: Department of Environmental Management
Telephone: 317-233-1052
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: 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: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/26/2011
Next Scheduled EDR Contact: 12/05/2011
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/20/2011
Next Scheduled EDR Contact: 10/31/2011
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: 08/01/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 09/16/2011
Number of Days to Update: 38

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/09/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/15/2011
Next Scheduled EDR Contact: 10/10/2011
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VT MANIFEST: Hazardous Waste Manifest Data Hazardous waste manifest information.

Date of Government Version: 08/11/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/14/2011
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/25/2011
Next Scheduled EDR Contact: 11/07/2011
Data Release Frequency: Annually

WI MANIFEST: Manifest Information Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
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.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

ST. VINCENT DEPAUL FACILITY
3408 ARDMORE TRAIL
SOUTH BEND, IN 46628

TARGET PROPERTY COORDINATES

Latitude (North):	41.68810 - 41° 41' 17.2"
Longitude (West):	86.2968 - 86° 17' 48.5"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	558522.6
UTM Y (Meters):	4615173.0
Elevation:	725 ft. above sea level

USGS TOPOGRAPHIC MAP

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

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 principle 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).

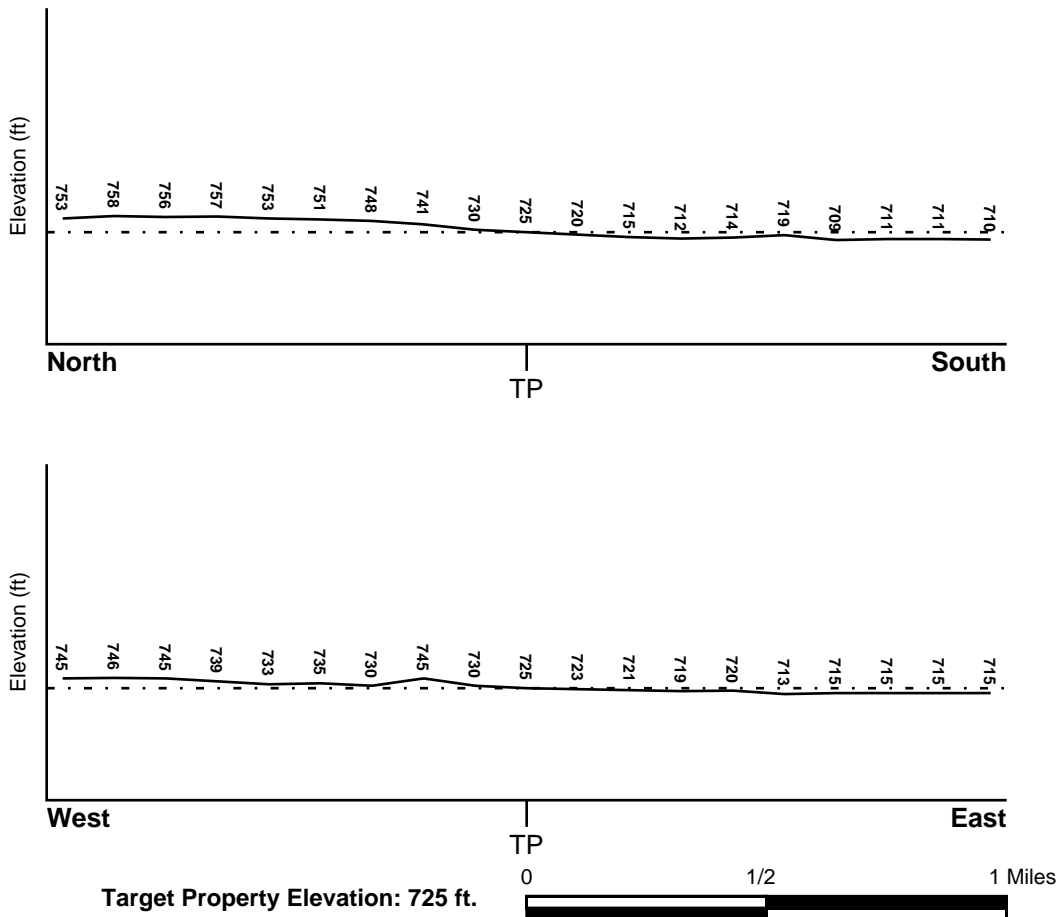
TOPOGRAPHIC INFORMATION

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 SE

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
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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>
3	1/8 - 1/4 Mile North	FLAT
33	1/2 - 1 Mile NW	SW
41	1/2 - 1 Mile East	NW

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

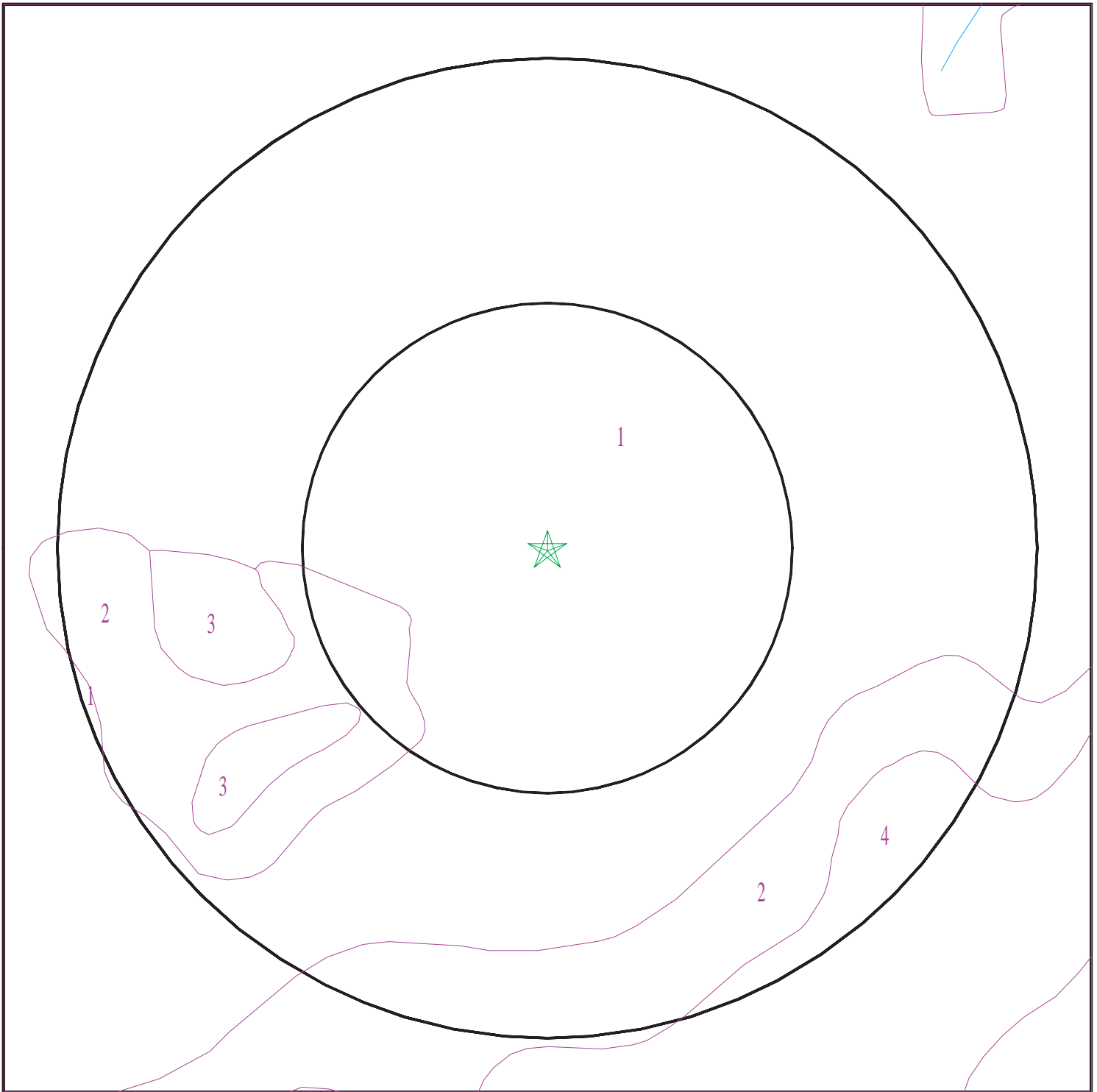
Era: Paleozoic
System: Mississippian
Series: Osagean and Kinderhookian Series
Code: M1 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

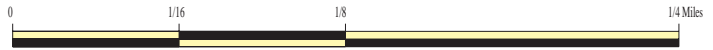
Category: Stratified Sequence

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 - 03173260.2r



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: St. Vincent DePaul Facility
ADDRESS: 3408 Ardmore Trail
South Bend IN 46628
LAT/LONG: 41.6881 / 86.2968

CLIENT: Wightman Petrie Inc.
CONTACT: Conley Phifer
INQUIRY #: 03173260.2r
DATE: September 26, 2011 9:51 am

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.

Soil Map ID: 2

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: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 30 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 7 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 23 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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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>
1	USGS2340193	1/8 - 1/4 Mile SSE
2	USGS2340183	1/8 - 1/4 Mile SSW
A4	USGS2340153	1/4 - 1/2 Mile SSE
6	USGS2340159	1/4 - 1/2 Mile SE
11	USGS2340012	1/4 - 1/2 Mile NNW
C13	USGS2340134	1/4 - 1/2 Mile South
B14	USGS2340133	1/4 - 1/2 Mile SSE
D15	USGS2340157	1/4 - 1/2 Mile SE
D16	USGS2340158	1/4 - 1/2 Mile SE
17	USGS2340132	1/4 - 1/2 Mile SSE
E19	USGS2339892	1/4 - 1/2 Mile NNE
E21	USGS2339899	1/2 - 1 Mile NNE
E22	USGS2339901	1/2 - 1 Mile NNE
E23	USGS2339900	1/2 - 1 Mile NNE
F24	USGS2340139	1/2 - 1 Mile SE
F25	USGS2340137	1/2 - 1 Mile SE
F26	USGS2340138	1/2 - 1 Mile SE
G28	USGS2339893	1/2 - 1 Mile NW
30	USGS2340074	1/2 - 1 Mile East
H31	USGS2340019	1/2 - 1 Mile NW
H32	USGS2340032	1/2 - 1 Mile NW
I36	USGS2339969	1/2 - 1 Mile WNW
J37	USGS2340259	1/2 - 1 Mile SSE
J38	USGS2340258	1/2 - 1 Mile SSE
40	USGS2340231	1/2 - 1 Mile South
K42	USGS2340113	1/2 - 1 Mile West
L43	USGS2340051	1/2 - 1 Mile West
M48	USGS2339986	1/2 - 1 Mile WNW
N50	USGS2340041	1/2 - 1 Mile West
51	USGS2340324	1/2 - 1 Mile SSE
O52	USGS2339946	1/2 - 1 Mile NW
P54	USGS2340020	1/2 - 1 Mile WNW
O55	USGS2339811	1/2 - 1 Mile NW
58	USGS2340126	1/2 - 1 Mile WSW
P60	USGS2340034	1/2 - 1 Mile WNW
R63	USGS2339805	1/2 - 1 Mile NW
S64	USGS2340107	1/2 - 1 Mile West
Q66	USGS2339828	1/2 - 1 Mile NE
67	USGS2340279	1/2 - 1 Mile SSE
T68	USGS2340072	1/2 - 1 Mile East
T69	USGS2340073	1/2 - 1 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
V71	USGS2339837	1/2 - 1 Mile NW
U73	USGS2340042	1/2 - 1 Mile West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

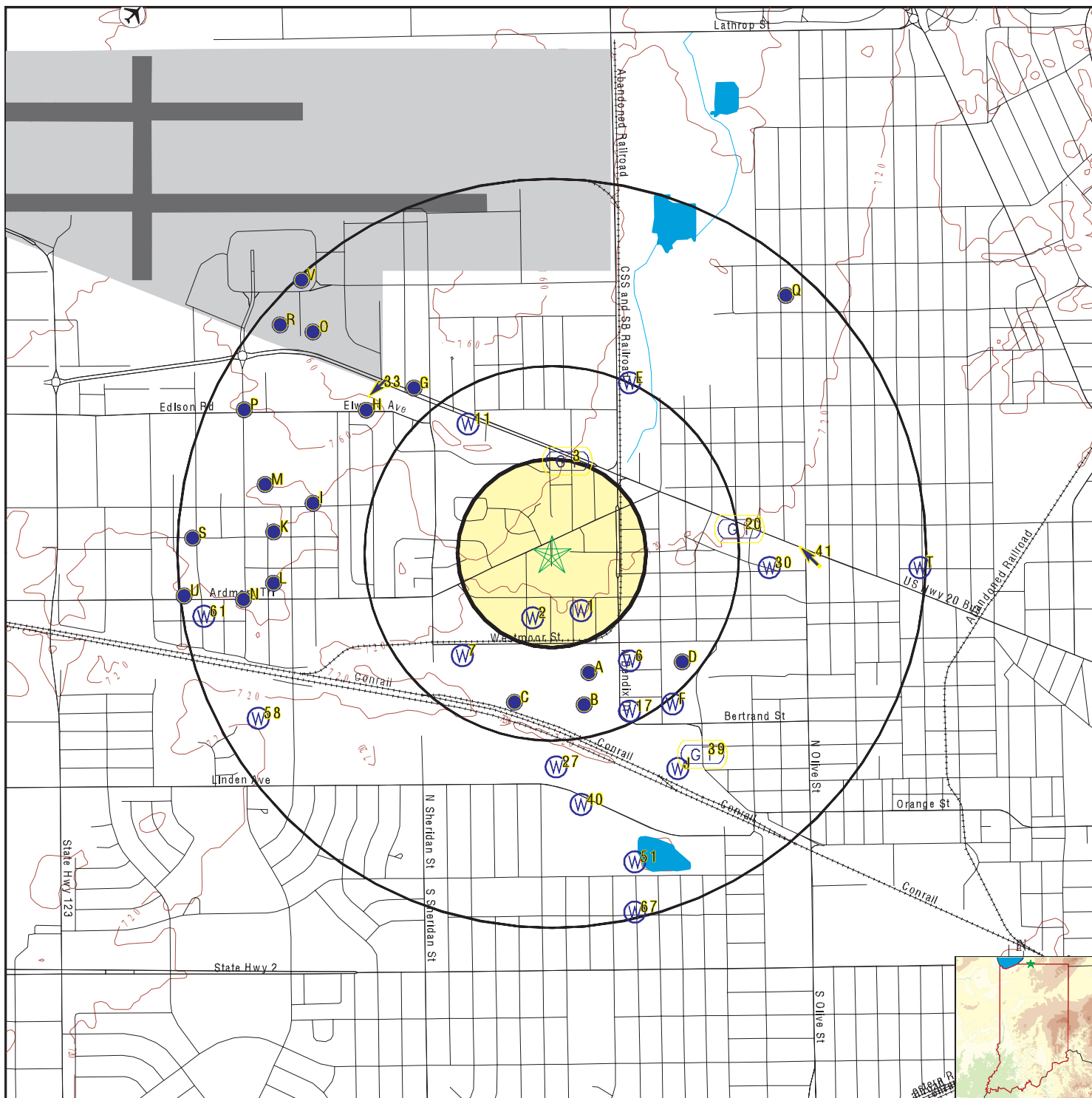
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

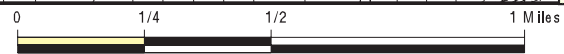
STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A5	INDNR1000140151	1/4 - 1/2 Mile SSE
7	INDNR1000140201	1/4 - 1/2 Mile SW
B8	INDNR1000140082	1/4 - 1/2 Mile SSE
C9	INDNR1000140076	1/4 - 1/2 Mile SSW
C10	INDNR1000140077	1/4 - 1/2 Mile SSW
C12	INDNR1000140075	1/4 - 1/2 Mile SSW
D18	INDNR1000140187	1/4 - 1/2 Mile SE
27	INDNR1000139909	1/2 - 1 Mile South
G29	INDNR1000140900	1/2 - 1 Mile NW
H34	INDNR1000140846	1/2 - 1 Mile NW
I35	INDNR1000140585	1/2 - 1 Mile WNW
K44	INDNR1000140526	1/2 - 1 Mile West
L45	INDNR1000140400	1/2 - 1 Mile West
M46	INDNR1000140625	1/2 - 1 Mile WNW
N47	INDNR1000140329	1/2 - 1 Mile West
N49	INDNR1000140377	1/2 - 1 Mile West
O53	INDNR1000141046	1/2 - 1 Mile NW
P56	INDNR1000140815	1/2 - 1 Mile WNW
Q57	INDNR1000141153	1/2 - 1 Mile NE
P59	INDNR1000140845	1/2 - 1 Mile WNW
61	INDNR1000140307	1/2 - 1 Mile West
R62	INDNR1000141084	1/2 - 1 Mile NW
S65	INDNR1000140514	1/2 - 1 Mile West
U70	INDNR1000140373	1/2 - 1 Mile West
V72	INDNR1000141217	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 03173260.2r



- County Boundary
- Major Roads
- Contour Lines
- Airports
- 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



<p>SITE NAME: St. Vincent DePaul Facility ADDRESS: 3408 Ardmore Trail South Bend IN 46628 LAT/LONG: 41.6881 / 86.2968</p>	<p>CLIENT: Wightman Petrie Inc. CONTACT: Conley Phifer INQUIRY #: 03173260.2r DATE: September 26, 2011 9:51 am</p>
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1

SSE
1/8 - 1/4 Mile
Lower

FED USGS USGS2340193

Agency cd:	IN002	Site no:	414109086174301
Site name:	37/2E-04J2		
Latitude:	414109	EDR Site id:	USGS2340193
Longitude:	0861743	Dec lat:	41.68588082
Dec lon:	-86.29528628	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:	19410900
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	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

2

SSW
1/8 - 1/4 Mile
Lower

FED USGS USGS2340183

Agency cd:	IN002	Site no:	414108086175201
Site name:	37/2E-04J1		
Latitude:	414108	EDR Site id:	USGS2340183
Longitude:	0861752	Dec lat:	41.68560302
Dec lon:	-86.29778638	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: 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: 19410900
 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: 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

3	Site ID: 12731			
North	Groundwater Flow: FLAT		AQUIFLOW	4267
1/8 - 1/4 Mile	Water Table Depth: 41.48-46.62			
Higher	Date: Sep-95			

A4			FED USGS	USGS2340153
SSE				
1/4 - 1/2 Mile				
Lower				

Agency cd: IN002 Site no: 414101086174301
 Site name: 37/2E-04R1
 Latitude: 414101 EDR Site id: USGS2340153
 Longitude: 0861743 Dec lat: 41.6836586
 Dec lon: -86.29528626 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 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: 19410900
 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 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

**A5
 SSE
 1/4 - 1/2 Mile
 Lower**

IN WELLS INDNR1000140151

Refno:	57117		
Comp date:	04/02/1982		
Drive:	APRX 430' S OF WESTMOOR ST AND 265' W OF BENDIX DR		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	SE	Quarter2:	NE
Quarter3:	SE		
Section1:	4		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	1500		
Feetsn:	0		
Feetew:	0		
Feetwe:	300		
Utmx:	558720		
Utmy:	4614639		
Grnd elev:	710		
Depth:	1.2		
Bedrock:	0		
bedro 1:	0		
Aquelv:	681		
Static:	0		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	INDUSTRY
Use other:	Not Reported	Method:	CABLE TOOL
Method other:	Not Reported		
Casingl:	2.4		
Casingd:	.16		
Casingm:	Not Reported		
Screenl:	.33		
Screenm:	.16		
Screenm:	Not Reported	Slot:	.020
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:	BENDIX CORP	Ownerad:	PO BOX U0 S BEND
Ownerzc:	46624		
Ownertx:	Not Reported	Driller:	PEERLESS MIDWEST INC
Drillad:	PO BOX 26 GRANGER		
Drillzc:	46530		
Drilltx:	Not Reported	Operator:	JOHN BLATZ
License:	Not Reported	Date co:	04/13/1982
Cbuild:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	RPD
Field d:	07/22/1983	Courtby:	Not Reported
Court d:	08/01/1962	Classby:	Not Reported
Class date:	09/01/1966	Accwo:	Not Reported
Accwo date:	07/28/1976	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:	INDNR1000140151		

6
SE
1/4 - 1/2 Mile
Lower

FED USGS USGS2340159

Agency cd:	IN002	Site no:	414102086173401
Site name:	37/2E-03N5		
Latitude:	414102	EDR Site id:	USGS2340159
Longitude:	0861734	Dec lat:	41.6839364
Dec lon:	-86.29278616	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:	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:	19410900
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		
		Daily flow data begin date:	Not Reported
		Daily flow data count:	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

7
SW
1/4 - 1/2 Mile
Lower

IN WELLS INDNR1000140201

Refno:	57109		
Comp date:	02/14/1940		
Drive:	35°W OF PLANT 4 ANNEX 12S OF BUILDING 25		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	SW	Quarter2:	NW
Quarter3:	SE		
Section1:	4		
Topo:	SOUTH BEND WEST	Subdiv:	PEERLESS MIDWEST
Lotno:	Not Reported		
Feetns:	1750		
Feetsn:	0		
Feetew:	0		
Feetwe:	2150		
Utmx:	558143		
Utmy:	4614725		
Grnd elev:	710		
Depth:	50		
Bedrock:	0		
bedro 1:	0		
Aquelv:	658		
Static:	14.3		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	Not Reported	Well use:	INDUSTRY
Use other:	Not Reported	Method:	CABLE TOOL
Method other:	Not Reported		
Casingl:	47.52		
Casingd:	1		
Casingm:	Not Reported		
Screenl:	3		
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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner:	BENDIX CORP	Ownerad:	SOUTH BEND IN
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	PEERLESS MIDWEST INC
Drillad:	GRANGER IN		
Drillzc:	46530		
Drilltx:	Not Reported	Operator:	MIKE GARRAGE
License:	Not Reported	Date co:	08/29/1980
Cbuild:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	FM
Field d:	07/02/1981	Courtby:	Not Reported
Court d:	08/01/1962	Classby:	Not Reported
Class date:	08/02/1986	Accwo:	Not Reported
Accwo date:	12/01/1975	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:	INDNR1000140201		

B8
SSE
1/4 - 1/2 Mile
Lower

IN WELLS

INDNR1000140082

Refno:	57116		
Comp date:	03/26/1982		
Drive:	APRX 740' S OF WESTMOOR ST AND 520' W OF BENDIX DR		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	NE	Quarter2:	SE
Quarter3:	SE		
Section1:	4		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	1200		
Feetsn:	0		
Feetew:	0		
Feetwe:	500		
Utmx:	558658		
Utmy:	4614546		
Grnd elev:	710		
Depth:	36		
Bedrock:	0		
bedro 1:	0		
Aquelv:	672		
Static:	0		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	INDUSTRY

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use other:	Not Reported	Method:	CABLE TOOL
Method other:	Not Reported		
Casingl:	2.2		
Casingd:	.16		
Casingm:	Not Reported		
Screenl:	.33		
Screenm:	.16		
Screenm:	Not Reported	Slot:	.020
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:	BENDIX CORP	Ownerad:	PO BOX 10 S BEND
Ownerzc:	46624		
Ownertx:	Not Reported	Driller:	PEERLESS MIDWEST INC
Drillad:	PO BOX 26 GRANGER		
Drillzc:	46530		
Drilltx:	Not Reported	Operator:	JOHN BLATZ
License:	Not Reported	Date co:	04/13/1982
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	RPD
Field d:	07/22/1983	Courtby:	Not Reported
Court d:	08/01/1962	Classby:	Not Reported
Class date:	09/01/1966	Accwo:	Not Reported
Accwo date:	07/28/1976	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:	INDNR1000140082		

C9
SSW
1/4 - 1/2 Mile
Lower

IN WELLS

INDNR1000140076

Refno:	57118		
Comp date:	02/25/1982		
Drive:	BENDIX CORP PROPERTY		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	NE	Quarter2:	SW
Quarter3:	SE		
Section1:	4		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feetns:	1200		
Feetsn:	0		
Feetew:	0		
Feetwe:	1500		
Utmx:	558357		
Utmy:	4614540		
Grnd elev:	710		
Depth:	30		
Bedrock:	0		
bedro 1:	0		
Aquelv:	682		
Static:	19.5		
Type test:	Not Reported		
Pumprate:	42		
Pumphou:	8		
Pumpdw:	3		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	G	Well use:	INDUSTRY
Use other:	Not Reported	Method:	CABLE TOOL
Method other:	Not Reported		
Casingl:	25		
Casingd:	4		
Casingm:	Not Reported		
Screenl:	5		
Screend:	4		
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:	BENDIX CORPORATION	Ownerad:	S BEND
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	PEERLESS MIDWEST INC
Drillad:	PO BOX 10 S BEND		
Drillzc:	46530		
Drilltx:	Not Reported	Operator:	MIKE GARRAGE
License:	Not Reported	Date co:	03/05/1982
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	RPD
Field d:	07/22/1983	Courtby:	Not Reported
Court d:	08/01/1962	Classby:	Not Reported
Class date:	09/01/1966	Accwo:	Not Reported
Accwo date:	07/28/1976	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Reserve: Not Reported Reserve: 0
 Site id: INDNR1000140076

C10
SSW
1/4 - 1/2 Mile
Lower

IN WELLS INDNR1000140077

Refno:	57119		
Comp date:	03/12/1982		
Drive:	ARPX 870' S OF WESTMOOR ST AND 1430' W OF BENDIX DR		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	NE	Quarter2:	SW
Quarter3:	SE		
Section1:	4		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	1200		
Feetsn:	0		
Feetew:	0		
Feetwe:	1500		
Utmx:	558357		
Utmy:	4614540		
Grnd elev:	710		
Depth:	30		
Bedrock:	0		
bedro 1:	0		
Aquelv:	682		
Static:	0		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	INDUSTRY
Use other:	Not Reported	Method:	CABLE TOOL
Method other:	Not Reported		
Casingl:	1.7		
Casingd:	.16		
Casingm:	Not Reported		
Screenl:	.33		
Screend:	.16		
Screenm:	Not Reported	Slot:	0.035
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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner:	BENDIX CORP	Ownerad:	PO BOX 10 S BEND
Ownerzc:	46624		
Ownertx:	Not Reported	Driller:	PEERLESS MIDWEST INC
Drillad:	PO BOX 26 GRANGER		
Drillzc:	46530		
Drilltx:	Not Reported	Operator:	M GARRAGE/J BLATZ
License:	Not Reported	Date co:	04/13/1982
Cbuild:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	RPD
Field d:	07/22/1983	Courtby:	Not Reported
Court d:	08/01/1962	Classby:	Not Reported
Class date:	09/01/1966	Accwo:	Not Reported
Accwo date:	07/28/1976	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:	INDNR1000140077		

**11
NNW
1/4 - 1/2 Mile
Higher**

FED USGS USGS2340012

Agency cd:	IN002	Site no:	414135086180401
Site name:	57109 REFERENCE NUMBER	FROM IDNR-DOW DATABASE	
Latitude:	414135	EDR Site id:	USGS2340012
Longitude:	0861804	Dec lat:	41.693103
Dec lon:	-86.30111992	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:	710.00		
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:	50.00	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

C12
SSW
1/4 - 1/2 Mile
Lower

IN WELLS

INDNR1000140075

Refno:	58235		
Comp date:	03/04/1982		
Drive:	APRX 755' S OF WESTMOOR ST AND 1675' W OF BENDIX DR		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	NE	Quarter2:	SW
Quarter3:	SE		
Section1:	4		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	1200		
Feetsn:	0		
Feetew:	0		
Feetwe:	1650		
Utmx:	558313		
Utmy:	4614539		
Grnd elev:	710		
Depth:	27		
Bedrock:	0		
bedro 1:	0		
Aquelv:	681		
Static:	0		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	INDUSTRY
Use other:	Not Reported	Method:	CABLE TOOL
Method other:	Not Reported		
Casingl:	1.7		
Casingd:	.16		
Casingm:	Not Reported		
Screenl:	.33		
Screenm:	.16		
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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner:	BENDIX CORP	Ownerad:	PO BOX 10 S BEND
Ownerzc:	46624		
Ownertx:	Not Reported	Driller:	PEERLESS MIDWEST INC
Drillad:	PO BOX 26 GRANGER		
Drillzc:	46530		
Drilltx:	Not Reported	Operator:	JOHN BLATZ
License:	Not Reported	Date co:	04/13/1982
Cbuild:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	RPD
Field d:	07/22/1983	Courtby:	Not Reported
Court d:	07/21/1986	Classby:	Not Reported
Class date:	09/01/1965	Accwo:	Not Reported
Accwo date:	04/01/1975	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:	INDNR1000140075		

**C13
South
1/4 - 1/2 Mile
Lower**

FED USGS USGS2340134

Agency cd:	IN002	Site no:	414055086175201
Site name:	37/2E-04R3		
Latitude:	414055	EDR Site id:	USGS2340134
Longitude:	0861752	Dec lat:	41.6819919
Dec lon:	-86.29778635	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:	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:	203	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 end date: 0000-00-00
 Ground water data begin date: 1920-00-00
 Ground water data count: 1
 Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1920-00-00

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1920	0	

B14
SSE
1/4 - 1/2 Mile
Lower

FED USGS USGS2340133

Agency cd:	IN002	Site no:	414055086174201
Site name:	37/2E-04R2		
Latitude:	414055	EDR Site id:	USGS2340133
Longitude:	0861742	Dec lat:	41.68199193
Dec lon:	-86.29500846	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:	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:	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:	170	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:	1920-00-00	Ground water data end date:	1920-00-00
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1920	2	

D15
SE
1/4 - 1/2 Mile
Lower

FED USGS USGS2340157

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414102086172501
Site name:	37/2E-03N6		
Latitude:	414102	EDR Site id:	USGS2340157
Longitude:	0861725	Dec lat:	41.68393643
Dec lon:	-86.29028605	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:	716		
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:	19531014
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:	165	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:	1960-01-14	Water quality data count:	1
Water quality data end date:	1960-01-14	Ground water data begin date:	0000-00-00
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

D16
SE
1/4 - 1/2 Mile
Lower

FED USGS USGS2340158

Agency cd:	IN002	Site no:	414102086172502
Site name:	37/2E-03N7		
Latitude:	414102	EDR Site id:	USGS2340158
Longitude:	0861725	Dec lat:	41.68393643
Dec lon:	-86.29028605	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:	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:	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: 196 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: 1920-00-00
 Ground water data end date: 1920-00-00
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1920	14	

17
SSE
1/4 - 1/2 Mile
Lower

FED USGS USGS2340132

Agency cd: IN002 Site no: 414055086173401
 Site name: 37/2E-03N2
 Latitude: 414055 EDR Site id: USGS2340132
 Longitude: 0861734 Dec lat: 41.68199195
 Dec lon: -86.29278614 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 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: 19341115
 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: 198 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

D18
SE
1/4 - 1/2 Mile
Lower

IN WELLS INDNR1000140187

Refno:	57132		
Comp date:	01/01/1921		
Drive:	WELL SJ G18A, USGS BULLETIN 3, NORTHWEST CORNER OF KALEY PARK, AT CREEK		
County1:	ST. JOSEPH	Civilt:	Not Reported
Town1:	37N	Range1:	2E
Quarter1:	SE	Quarter2:	NW
Quarter3:	SW		
Section1:	3		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	559125		
Utmy:	4614700		
Grnd elev:	711		
Depth:	196		
Bedrock:	516		
bedro 1:	195		
Aquelv:	0		
Static:	14		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
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:	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:	Not Reported
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:	07/22/1983	Courtby:	Not Reported
Court d:	08/01/1962	Classby:	Not Reported
Class date:	06/01/1963	Accwo:	Not Reported
Accwo date:	07/28/1976	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:	INDNR1000140187		

**E19
NNE
1/4 - 1/2 Mile
Higher**

FED USGS USGS2339892

Agency cd:	IN002	Site no:	414140086173401
Site name:	37/2E-03D1		
Latitude:	414140	EDR Site id:	USGS2339892
Longitude:	0861734	Dec lat:	41.69449198
Dec lon:	-86.29278624	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:	700		
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:	19291128
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:	145	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		
		Daily flow data begin date:	Not Reported
		Daily flow data count:	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

20 East 1/2 - 1 Mile Lower	Site ID: 2989 Groundwater Flow: NOT REPORTED Water Table Depth: 23.21-28.61 Date: Nov-97	AQUIFLOW	4241
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E21 NNE 1/2 - 1 Mile Higher		FED USGS	USGS2339899
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Agency cd:	IN002	Site no:	414141086173402
Site name:	37/2E-03D2	EDR Site id:	USGS2339899
Latitude:	414141	Dec lat:	41.69476975
Longitude:	0861734	Coor meth:	M
Dec lon:	-86.29278624	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:	700		
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:	19400328
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:	156	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:	1940-03-28	Ground water data end date:	1940-03-28
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1940-03-28	26	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E22
NNE
1/2 - 1 Mile
Higher

FED USGS USGS2339901

Agency cd:	IN002	Site no:	414141086173404
Site name:	37/2E-03D4		
Latitude:	414141	EDR Site id:	USGS2339901
Longitude:	0861734	Dec lat:	41.69476975
Dec lon:	-86.29278624	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:	700		
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:	19540305
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:	147	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:	1954-03-05	Ground water data end date:	1954-03-05
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1954-03-05	35	

E23
NNE
1/2 - 1 Mile
Higher

FED USGS USGS2339900

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414141086173403
Site name:	37/2E-03D3		
Latitude:	414141	EDR Site id:	USGS2339900
Longitude:	0861734	Dec lat:	41.69476975
Dec lon:	-86.29278624	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:	700		
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:	19490805
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:	157	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:	1958-04-15	Water quality data begin date:	1958-04-15
Water quality data end date:	1958-04-15	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

F24
SE
1/2 - 1 Mile
Lower

FED USGS USGS2340139

Agency cd:	IN002	Site no:	414056086172603
Site name:	37/2E-03N4		
Latitude:	414056	EDR Site id:	USGS2340139
Longitude:	0861726	Dec lat:	41.68226976
Dec lon:	-86.29056383	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:	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:	19410900
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: 210 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 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: 1941-09-00
Ground water data end date: 1941-09-00
Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1941-09	45	

F25
SE
1/2 - 1 Mile
Lower

FED USGS USGS2340137

Agency cd: IN002 Site no: 414056086172601
Site name: 37/2E-03N1
Latitude: 414056 EDR Site id: USGS2340137
Longitude: 0861726 Dec lat: 41.68226976
Dec lon: -86.29056383 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 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: 19341024
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: 200 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: 1934-10-24
Ground water data end date: 1934-10-24
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
1934-10-24	25	

F26
SE
1/2 - 1 Mile
Lower

FED USGS USGS2340138

Agency cd:	IN002	Site no:	414056086172602
Site name:	37/2E-03N3		
Latitude:	414056	EDR Site id:	USGS2340138
Longitude:	0861726	Dec lat:	41.68226976
Dec lon:	-86.29056383	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:	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:	19410900
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:	208	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
South
1/2 - 1 Mile
Lower

IN WELLS INDNR1000139909

Refno:	57128		
Comp date:	01/01/1921		
Drive:	FROM USGS BULLETIN #3, SJ 6-14A, NORTHWEST CORNER OF LASALLE LAKE		
County1:	ST. JOSEPH	Civilt:	Not Reported
Town1:	37N	Range1:	2E
Quarter1:	SW	Quarter2:	SE
Quarter3:	SE		
Section1:	4		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	558550		
Utmy:	4614250		
Grnd elev:	710		
Depth:	203		
Bedrock:	510		
bedro 1:	200		
Aquelv:	0		
Static:	0		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
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:	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:	07/22/1983	Courtby:	Not Reported
Court d:	08/01/1962	Classby:	Not Reported
Class date:	06/01/1963	Accwo:	Not Reported
Accwo date:	07/28/1976	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Reserve: Not Reported Reserve: 0
 Site id: INDNR1000139909

**G28
 NW
 1/2 - 1 Mile
 Higher**

FED USGS USGS2339893

Agency cd:	IN002	Site no:	414140086181401
Site name:	44154 REFERENCE NUMBER FROM IDNR-DOW DATABASE	EDR Site id:	USGS2339893
Latitude:	414140	Dec lat:	41.69449186
Longitude:	0861814	Coor meth:	M
Dec lon:	-86.30389782	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 WEST 19B		
Altitude:	750.00		
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:	19650610
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:	76.00	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

**G29
 NW
 1/2 - 1 Mile
 Higher**

IN WELLS INDNR1000140900

Refno:	44154		
Comp date:	06/10/1965		
Drive:	ST. JOSEPH COUNTY AIRPORT DRILLED AT THE INTERSECTION OF LINCOLN HIGHWAY (US20) & KNOBLOCK ST (26)		
County1:	ST. JOSEPH	Civilt:	Not Reported
Town1:	38N	Range1:	2E
Quarter1:	SE	Quarter2:	SE
Quarter3:	SW		
Section1:	33		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	557925		
Utmy:	4615875		
Grnd elev:	750		
Depth:	76		
Bedrock:	0		
bedro 1:	0		
Aquelv:	674		
Static:	58		
Type test:	Not Reported		
Pumprate:	11		
Pumphou:	1		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	HOME
Use other:	Not Reported	Method:	JET
Method other:	Not Reported		
Casingl:	72		
Casingd:	2		
Casingm:	Not Reported		
Screenl:	4		
Screend:	1.25		
Screenm:	Not Reported	Slot:	10
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		
Groudba:	0		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		
Owner:	MR THORNBERG	Ownerad:	KNOBLOCK ST SO BEND
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	B KAMM CO
Drillad:	Not Reported		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	WILLIAM M KAMM
License:	Not Reported	Date co:	06/29/1965
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	12/01/1959	Courtby:	Not Reported
Court d:	12/06/1961	Classby:	Not Reported
Class date:	04/01/1976	Accwo:	HCK
Accwo date:	05/01/1974	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Reserve: Not Reported Reserve: 0
 Site id: INDNR1000140900

**30
 East
 1/2 - 1 Mile
 Lower**

FED USGS USGS2340074

Agency cd:	IN002	Site no:	414115086170801
Site name:	37/2E-03L1	EDR Site id:	USGS2340074
Latitude:	414115	Dec lat:	41.68754759
Longitude:	0861708	Coor meth:	M
Dec lon:	-86.28556366	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:	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:	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:	186	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:	1920-00-00	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1920-00-00

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1920	18	

**H31
 NW
 1/2 - 1 Mile
 Higher**

FED USGS USGS2340019

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414136086182201
Site name:	44094 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	414136	EDR Site id:	USGS2340019
Longitude:	0861822	Dec lat:	41.69338073
Dec lon:	-86.30612013	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:	755.00		
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:	19770729
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:	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

**H32
NW
1/2 - 1 Mile
Higher**

FED USGS USGS2340032

Agency cd:	IN002	Site no:	414137086182301
Site name:	44114 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	414137	EDR Site id:	USGS2340032
Longitude:	0861823	Dec lat:	41.6936585
Dec lon:	-86.30639792	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:	764.00		
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:	19840822
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:	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

33 NW 1/2 - 1 Mile Higher	Site ID:	14338		
	Groundwater Flow:	SW	AQUIFLOW	4270
	Water Table Depth:	AVG 43		
	Date:	Dec-97		

H34 NW 1/2 - 1 Mile Higher			IN WELLS	INDNR1000140846
	Refno:	44114		
	Comp date:	08/22/1984		
	Drive:	31 TO MAYFLOWER , N TO EDISON, E ON EDISON, 1 MILE ACROSS FROM SCHOOL		

County1:	ST. JOSEPH	Civilt:	Not Reported
Town1:	38N	Range1:	2E
Quarter1:	SW	Quarter2:	SE
Quarter3:	SW		
Section1:	33		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	100		
Feetsn:	0		
Feetew:	1700		
Feetwe:	0		
Utmx:	557702		
Utmy:	4615805		
Grnd elev:	764		
Depth:	0		
Bedrock:	0		
bedro 1:	0		
Aquelv:	630		
Static:	70		
Type test:	Not Reported		
Pumprate:	25		
Pumphou:	1		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	HOME

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use other:	Not Reported	Method:	ROTARY
Method other:	Not Reported		
Casingl:	134		
Casingd:	4		
Casingm:	Not Reported		
Screenl:	5		
Screenm:	0		
Screenn:	Not Reported	Slot:	15 SS
Liner top:	0		
Linerdi:	0		
Pumpset:	0		
Type pump:	S	Pump other:	Not Reported
Quality:	CLEAR	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:	FRED SLATER	Ownerad:	22801 W EDISON, SOUTH BEND, IN
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	LANGFELDT & PAYNE, INC
Drillad:	14198 LINCOLN HWY, PLYMOUTH, IN		
Drillzc:	46563		
Drilltx:	Not Reported	Operator:	ED LANGFELDT
License:	Not Reported	Date co:	09/18/1984
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	JCA
Field d:	06/01/1985	Courtby:	Not Reported
Court d:	12/06/1961	Classby:	Not Reported
Class date:	04/01/1976	Accwo:	MAILBOX
Accwo date:	05/01/1974	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:	INDNR1000140846		

**I35
WNW
1/2 - 1 Mile
Higher**

IN WELLS

INDNR1000140585

Refno:	57115		
Comp date:	10/31/1973		
Drive:	US 20 W OF SO BEND TO WOODLAND ST S 1/4 MI TO GROVE W ON GROVE 1 BLK		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	SE	Quarter2:	NW
Quarter3:	NW		
Section1:	4		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	557500		
Utmy:	4615375		
Grnd elev:	740		
Depth:	62		
Bedrock:	0		
bedro 1:	0		
Aquelv:	678		
Static:	35		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	HOME
Use other:	Not Reported	Method:	JET
Method other:	Not Reported		
Casingl:	58		
Casingd:	2		
Casingm:	Not Reported		
Screenl:	4		
Screend:	1.25		
Screenm:	Not Reported	Slot:	10
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:	MIKE RICHARDS	Ownerad:	55345 FAIRVIEW AVE
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	M L FALL WELL SERV
Drillad:	22111 JACKSON TR SOUTH BEND IN		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	AL GERENCSEA JR
License:	Not Reported	Date co:	11/04/1973
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	08/01/1979	Courtby:	Not Reported
Court d:	08/01/1962	Classby:	Not Reported
Class date:	09/01/1966	Accwo:	Not Reported
Accwo date:	07/28/1976	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Reserve: Not Reported Reserve: 0
 Site id: INDNR1000140585

I36
WNW
1/2 - 1 Mile
Higher

FED USGS USGS2339969

Agency cd:	IN002	Site no:	414124086183301
Site name:	57115 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	414124	EDR Site id:	USGS2339969
Longitude:	0861833	Dec lat:	41.69004736
Dec lon:	-86.30917579	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:	740.00		
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:	19731031
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:	62.00	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

J37
SSE
1/2 - 1 Mile
Lower

FED USGS USGS2340259

Agency cd:	IN002	Site no:	414047086172502
Site name:	37/2E-10D2		
Latitude:	414047	EDR Site id:	USGS2340259
Longitude:	0861725	Dec lat:	41.67976975
Dec lon:	-86.29028602	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: 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: 19410900
 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: 201 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: 1941-09-00 Ground water data end date: 1941-09-00
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1941-09	45	

J38
SSE
1/2 - 1 Mile
Lower

FED USGS USGS2340258

Agency cd: IN002 Site no: 414047086172501
 Site name: 37/2E-10D1
 Latitude: 414047 EDR Site id: USGS2340258
 Longitude: 0861725 Dec lat: 41.67976975
 Dec lon: -86.29028602 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 WEST 19B 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: 19410900
 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: 201 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: 1960-01-14
 Ground water data begin date: 0000-00-00
 Ground water data count: 0
 Water quality data begin date: 1960-01-14
 Water quality data count: 1
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

39 SE 1/2 - 1 Mile Lower	Site ID: 814	Groundwater Flow: NOT REPORTED	AQUIFLOW 4232
	Water Table Depth: AVG 20.5		
	Date: Feb-90		

40 South 1/2 - 1 Mile Lower		FED USGS	USGS2340231
--	--	-----------------	--------------------

Agency cd: IN002	Site no: 414042086174301
Site name: 37/2E-09A1	
Latitude: 414042	EDR Site id: USGS2340231
Longitude: 0861743	Dec lat: 41.67838081
Dec lon: -86.29528622	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: 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: 186	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: 1920-00-00	Ground water data end date: 1920-00-00
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1920	0	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

41	Site ID:	5483		
East	Groundwater Flow:	NW	AQUIFLOW	4249
1/2 - 1 Mile	Water Table Depth:	18.5-20.0		
Lower	Date:	May-93		

K42				
West			FED USGS	USGS2340113
1/2 - 1 Mile				
Higher				

Agency cd:	IN002	Site no:	414120086184001
Site name:	57121 REFERENCE NUMBER FROM IDNR-DOW DATABASE	EDR Site id:	USGS2340113
Latitude:	414120	Dec lat:	41.68893622
Longitude:	0861840	Coor meth:	M
Dec lon:	-86.3111203	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 WEST 19B		
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:	19630608
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:	61.90	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

L43				
West			FED USGS	USGS2340051
1/2 - 1 Mile				
Higher				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414113086184001
Site name:	57113 REFERENCE NUMBER	FROM IDNR-DOW DATABASE	
Latitude:	414113	EDR Site id:	USGS2340051
Longitude:	0861840	Dec lat:	41.68699177
Dec lon:	-86.31112029	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:	740.00		
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:	64.00	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

K44
West
1/2 - 1 Mile
Higher

IN WELLS INDNR1000140526

Refno:	57121		
Comp date:	06/08/1963		
Drive:	1/4 MI E OF MOSE RD ON ARDMORE TRL AND N ON FAIRVIEW AVE K 1/2 BLKS		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	NE	Quarter2:	SW
Quarter3:	NW		
Section1:	4		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	557325		
Utmy:	4615250		
Grnd elev:	745		
Depth:	61.9		
Bedrock:	0		
bedro 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquelv:	683		
Static:	24		
Type test:	Not Reported		
Pumprate:	10		
Pumphou:	1		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	HOME
Use other:	Not Reported	Method:	JET
Method other:	Not Reported		
Casingl:	57.9		
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		
Owner:	EDWARD RUNYON JR	Ownerad:	55301 FAIRVIEW AVE
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	C E SNELLENBERGER
Drillad:	922 LAWRENCE ST SOUTH BEND IN		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	A M TONASZEWSKI
License:	Not Reported	Date co:	04/13/1982
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	07/22/1983	Courtby:	Not Reported
Court d:	08/01/1962	Classby:	WD
Class date:	06/01/1963	Accwo:	Not Reported
Accwo date:	07/28/1976	County:	ST. JOSEPH
Town:	Not Reported	Rang:	2E
Section:	4		
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:	INDNR1000140526		

L45
West
1/2 - 1 Mile
Higher

IN WELLS

INDNR1000140400

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Refno:	57113		
Comp date:	04/01/1975		
Drive:	ABOUT 1/2 BLK N OF ARDMORE DR ON E SIDE OF MEADOWVIEW		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	SW	Quarter2:	SW
Quarter3:	NW		
Section1:	4		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	557325		
Utmy:	4615025		
Grnd elev:	740		
Depth:	64		
Bedrock:	0		
bedro 1:	0		
Aquelv:	676		
Static:	36		
Type test:	Not Reported		
Pumprate:	15		
Pumphou:	1		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	HOME
Use other:	Not Reported	Method:	Not Reported
Method other:	Not Reported		
Casingl:	60.6		
Casingd:	2		
Casingm:	Not Reported		
Screenl:	42		
Screenm:	1.25		
Screenm:	Not Reported	Slot:	10
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:	PHYLLIS BANEY	Ownerad:	55464 MEADOWVIEW
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	SRIVER DRILLING CO INC
Drillad:	59755 MARKET ST		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	CARSON
License:	Not Reported	Date co:	08/26/1965
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Field d:	08/01/1979	Courtby:	Not Reported
Court d:	08/01/1962	Classby:	DM
Class date:	09/01/1965	Accwo:	Not Reported
Accwo date:	12/01/1975	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:	INDNR1000140400		

**M46
WNW
1/2 - 1 Mile
Higher**

IN WELLS

INDNR1000140625

Refno:	57110		
Comp date:	04/01/1975		
Drive:	Not Reported		
County1:	ST. JOSEPH	Civilt:	PORTAY
Town1:	37N	Range1:	2E
Quarter1:	SW	Quarter2:	NW
Quarter3:	NW		
Section1:	4		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	1000		
Feetew:	500		
Feetwe:	0		
Utmx:	557342		
Utmy:	4615442		
Grnd elev:	740		
Depth:	109		
Bedrock:	0		
bedro 1:	0		
Aquelv:	631		
Static:	0		
Type test:	Not Reported		
Pumprate:	25		
Pumphou:	0		
Pumpdw:	0		
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:	0		
Casingd:	0		
Casingm:	Not Reported		
Screenl:	0		
Screend:	8		
Screenm:	Not Reported	Slot:	.008
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:	DICKENSON	Ownerad:	Not Reported
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	LAYNE NORTHERN
Drillad:	Not Reported		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	RICHARD EMERY
License:	Not Reported	Date co:	08/29/1980
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	ME
Field d:	08/01/1979	Courtby:	Not Reported
Court d:	08/01/1962	Classby:	Not Reported
Class date:	08/02/1986	Accwo:	Not Reported
Accwo date:	12/01/1975	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:	INDNR1000140625		

**N47
West
1/2 - 1 Mile
Higher**

IN WELLS INDNR1000140329

Refno:	154214		
Comp date:	12/27/1978		
Drive:	Not Reported		
County1:	ST. JOSEPH	Civilt:	Not Reported
Town1:	37N	Range1:	2E
Quarter1:	SW	Quarter2:	SW
Quarter3:	NW		
Section1:	4		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	557250		
Utmy:	4614925		
Grnd elev:	745		
Depth:	58.2		
Bedrock:	0		
bedro 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquelv:	0		
Static:	35		
Type test:	Not Reported		
Pumprate:	15		
Pumphou:	1		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	HOME
Use other:	Not Reported	Method:	JET
Method other:	Not Reported		
Casingl:	54.2		
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		
Owner:	EDWARD C TUCKER	Ownerad:	55582 MEADOWVIEW SOUTH BEND IN
Ownerzc:	46628		
Ownertx:	Not Reported	Driller:	C E SNELLENBERGER
Drillad:	922 N LAWRENCE ST SOUTH BEND IN		
Drillzc:	46617		
Drilltx:	Not Reported	Operator:	HARRY KELSEY & RICHARD SPENNER
License:	Not Reported	Date co:	12/27/1978
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	06/18/1985	Courtby:	Not Reported
Court d:	08/01/1966	Classby:	Not Reported
Class date:	05/07/1964	Accwo:	Not Reported
Accwo date:	07/01/1985	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:	INDNR1000140329		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414127086184401
Site name:	37/2E-04E1		
Latitude:	414127	EDR Site id:	USGS2339986
Longitude:	0861844	Dec lat:	41.69088066
Dec lon:	-86.31223148	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:	742		
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:	51	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:	1960-01-13	Water quality data begin date:	1960-01-13
Ground water data begin date:	1941-09-00	Water quality data count:	1
Ground water data count:	1	Ground water data end date:	1941-09-00

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1941-09	37	

**N49
West
1/2 - 1 Mile
Higher**

IN WELLS INDNR1000140377

Refno:	60682		
Comp date:	01/27/1973		
Drive:	CORNER OF ARDMORE TRAIL AND LEXINGTON		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	SE	Quarter2:	SE
Quarter3:	NE		
Section1:	5		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feetns:	0		
Feetsn:	2500		
Feetew:	0		
Feetwe:	50		
Utmx:	557180		
Utmy:	4614980		
Grnd elev:	740		
Depth:	44		
Bedrock:	0		
bedro 1:	0		
Aquelv:	696		
Static:	0		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	Not Reported	Well use:	Not Reported
Use other:	Not Reported	Method:	JET
Method other:	Not Reported		
Casingl:	44		
Casingd:	2		
Casingm:	Not Reported		
Screenl:	4		
Screend:	1.25		
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:	R J WALTERS BODY SHOP	Ownerad:	23009 ARDMORE
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	R T MAYFIELD
Drillad:	Not Reported		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	R T MAYFIELD
License:	Not Reported	Date co:	01/26/1973
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	RDJ
Field d:	07/24/1986	Courtby:	Not Reported
Court d:	12/06/1961	Classby:	Not Reported
Class date:	08/01/1963	Accwo:	Not Reported
Accwo date:	12/01/1975	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Reserve: Not Reported Reserve: 0
 Site id: INDNR1000140377

**N50
 West
 1/2 - 1 Mile
 Higher**

FED USGS USGS2340041

Agency cd:	IN002	Site no:	414111086184701
Site name:	60682 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	414111	EDR Site id:	USGS2340041
Longitude:	0861847	Dec lat:	41.6864362
Dec lon:	-86.31306481	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:	740.00		
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

**51
 SSE
 1/2 - 1 Mile
 Lower**

FED USGS USGS2340324

Agency cd:	IN002	Site no:	414034086173301
Site name:	37/2E-10E2		
Latitude:	414034	EDR Site id:	USGS2340324
Longitude:	0861733	Dec lat:	41.67615861
Dec lon:	-86.29250831	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: 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: 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: 210 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: 1920-00-00 Ground water data end date: 1920-00-00
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1920	7	

**O52
NW
1/2 - 1 Mile
Higher**

FED USGS USGS2339946

Agency cd: IN002 Site no: 414147086183301
 Site name: 44088 REFERENCE NUMBER FROM IDNR-DOW DATABASE
 Latitude: 414147 EDR Site id: USGS2339946
 Longitude: 0861833 Dec lat: 41.69643626
 Dec lon: -86.30917584 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: 760.00
 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: 19790411
 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 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: 0000-00-00
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

**O53
 NW
 1/2 - 1 Mile
 Higher**

IN WELLS

INDNR1000141046

Refno:	44088		
Comp date:	04/11/1979		
Drive:	AIRPORT WELL FIELD - 110' N. OF LWW AND APPROX. 400' E. OF STATE POLICE POST.		
County1:	ST. JOSEPH	Civilt:	GERMAN
Town1:	38N	Range1:	2E
Quarter1:	NE	Quarter2:	SW
Quarter3:	SW		
Section1:	33		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	1000		
Feetsn:	0		
Feetew:	900		
Feetwe:	0		
Utmx:	557452		
Utmy:	4616070		
Grnd elev:	760		
Depth:	95		
Bedrock:	0		
bedro 1:	0		
Aquelv:	665		
Static:	55.5		
Type test:	Not Reported		
Pumprate:	1750		
Pumphou:	8		
Pumpdw:	9.5		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	G	Well use:	Not Reported
Use other:	Not Reported	Method:	OTHER
Method other:	REVERSE CIRC		
Casingl:	75		
Casingd:	20		
Casingm:	Not Reported		
Screenl:	25		
Screenm:	20		
Screenn:	Not Reported	Slot:	.045
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:	SOUTH BEND WATER WORKS	Ownerad:	222 N. MAIN SOUTH BEND, INDIANA
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	PEERLESS-MIDWEST, INC.
Drillad:	GRANGER, INDIANA		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	PAUL WYATT
License:	Not Reported	Date co:	05/22/1979
Cbuild:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	ME
Field d:	08/01/1979	Courtby:	Not Reported
Court d:	05/01/1974	Classby:	Not Reported
Class date:	04/01/1976	Accwo:	Not Reported
Accwo date:	04/01/1976	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:	INDNR1000141046		

**P54
WNW
1/2 - 1 Mile
Higher**

FED USGS USGS2340020

Agency cd:	IN002	Site no:	414136086184401
Site name:	57114 REFERENCE NUMBER	FROM IDNR-DOW DATABASE	
Latitude:	414136	EDR Site id:	USGS2340020
Longitude:	0861844	Dec lat:	41.69338066
Dec lon:	-86.3122315	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:	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:	19660806
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:	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

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: 0000-00-00	Ground water data end date: 0000-00-00
Ground water data count: 0	

Ground-water levels, Number of Measurements: 0

**O55
NW
1/2 - 1 Mile
Higher**

FED USGS USGS2339811

Agency cd: IN002	Site no: 414150086183101
Site name: 44103 REFERENCE NUMBER FROM IDNR-DOW DATABASE	
Latitude: 414150	EDR Site id: USGS2339811
Longitude: 0861831	Dec lat: 41.6972696
Dec lon: -86.30862027	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: 760.00	
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: 19500609
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: 102.50	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

**P56
WNW
1/2 - 1 Mile
Higher**

IN WELLS INDNR1000140815

Refno: 57114	
Comp date: 08/06/1966	
Drive: E OF MAYFLOWER RD ON EDISON E OF MOSS RD ON S SIDE. ALSO AT LOCATION A DANCE STUDIO. 1 MI W OF SO BEND IN	
County1: ST. JOSEPH	Civilt: GERMAN
Town1: 37N	Range1: 2E
Quarter1: NW	Quarter2: NW
Quarter3: NW	
Section1: 4	
Topo: SOUTH BEND WEST	Subdiv: Not Reported
Lotno: Not Reported	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	557225		
Utmy:	4615750		
Grnd elev:	760		
Depth:	81		
Bedrock:	0		
bedro 1:	0		
Aquelv:	679		
Static:	52		
Type test:	Not Reported		
Pumprate:	25		
Pumphou:	3		
Pumpdw:	5		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	V	Well use:	Not Reported
Use other:	COMBO	Method:	Not Reported
Method other:	COMBO		
Casingl:	76		
Casingd:	3		
Casingm:	Not Reported		
Screenl:	5		
Screend:	2		
Screenm:	Not Reported	Slot:	60
Liner top:	67		
Linerdi:	1.5		
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:	WALTER BEATTY	Ownerad:	22858 EDISON RD SOUTH BEND IN
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	NORRIS WELL DRILLING
Drillad:	RR 1 BOX 119 N LIBERTY IN		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	JACK R NORRIS
License:	Not Reported	Date co:	08/06/1966
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	08/01/1979	Courtby:	Not Reported
Court d:	08/01/1962	Classby:	DB
Class date:	09/01/1966	Accwo:	WDH
Accwo date:	07/28/1976	County:	ST. JOSEPH
Town:	37N	Rang:	2E
Section:	5		
Ctyperm:	Not Reported	Dnrvarn:	Not Reported
Water supp:	Not Reported		
Bore hole:	0		
Gravelp:	0	Irregla:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Reserve: Not Reported Reserve: 0
 Site id: INDNR1000140815

**Q57
 NE
 1/2 - 1 Mile
 Higher**

IN WELLS INDNR1000141153

Refno:	44169		
Comp date:	04/21/1981		
Drive:	DRILLED NW OF SOUTH BEND FREMONT ST BETWEEN KELLER ST & MARQUETTE ST NEAR LASALLE HIGH SCHOOL 1ST HOUSE N OF KEELER ST ON W SIDE OF FREMONT		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	38N	Range1:	2E
Quarter1:	SE	Quarter2:	NE
Quarter3:	SW		
Section1:	34		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	1450		
Feetsn:	0		
Feetew:	2250		
Feetwe:	0		
Utmx:	559476		
Utmy:	4616252		
Grnd elev:	730		
Depth:	65		
Bedrock:	0		
bedro 1:	0		
Aquelv:	665		
Static:	45		
Type test:	Not Reported		
Pumprate:	10		
Pumphou:	1		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	HOME
Use other:	Not Reported	Method:	Not Reported
Method other:	Not Reported		
Casingl:	61		
Casingd:	2		
Casingm:	Not Reported		
Screenl:	4		
Screend:	1.25		
Screenm:	Not Reported	Slot:	10
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:	L HIMES	Ownerad:	1715 N FREMONT ST SOUTH BEND,IN
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	B KAMM CO INC
Drillad:	1234 CHIMES BLVD SOUTH BEND, IN		
Drillzc:	46615		
Drilltx:	Not Reported	Operator:	WILLIAM M KAMM
License:	Not Reported	Date co:	05/06/1981
Cbuild:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	PRT
Field d:	09/13/1985	Courtby:	Not Reported
Court d:	12/06/1961	Classby:	Not Reported
Class date:	02/01/1966	Accwo:	Not Reported
Accwo date:	05/01/1974	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:	INDNR1000141153		

58
WSW
1/2 - 1 Mile
Lower

FED USGS USGS2340126

Agency cd:	IN002	Site no:	414054086184301
Site name:	37/2E-04N1		
Latitude:	414054	EDR Site id:	USGS2340126
Longitude:	0861843	Dec lat:	41.68171398
Dec lon:	-86.31195361	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:	721		
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:	44	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 end date: 1958-11-18
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 1958-11-18
 Water quality data count: 1
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

**P59
 WNW
 1/2 - 1 Mile
 Higher**

IN WELLS INDNR1000140845

Refno:	44113		
Comp date:	02/12/1974		
Drive:	W OF SOUTH BEND NEAR ST JOSEPH COUNTY AIR PORT DRILLED ON EDISON RD AT THE INTERSECTION OF LEXINGTON RD		
County1:	ST. JOSEPH	Civilt:	GERMAN
Town1:	38N	Range1:	2E
Quarter1:	SE	Quarter2:	SE
Quarter3:	SE		
Section1:	32		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetw:	0		
Feetwe:	0		
Utmx:	557165		
Utmy:	4615800		
Grnd elev:	758		
Depth:	64		
Bedrock:	0		
bedro 1:	0		
Aquelv:	694		
Static:	48		
Type test:	Not Reported		
Pumprate:	10		
Pumphou:	1		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	HOME
Use other:	Not Reported	Method:	JET
Method other:	Not Reported		
Casingl:	60		
Casingd:	2		
Casingm:	Not Reported		
Screenl:	4		
Screend:	1		
Screenm:	Not Reported	Slot:	10
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:	MR KREZA	Ownerad:	Not Reported
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	B KAMM CO
Drillad:	1234 CHIMES BLVD SOUTH BEND, IN		
Drillzc:	46615		
Drilltx:	Not Reported	Operator:	WILLIAM M KAMM
License:	Not Reported	Date co:	02/13/1974
Cbuild:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	06/22/1982	Courtby:	Not Reported
Court d:	12/06/1961	Classby:	Not Reported
Class date:	04/01/1976	Accwo:	HCK
Accwo date:	05/01/1974	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:	INDNR1000140845		

**P60
WNW
1/2 - 1 Mile
Higher**

FED USGS USGS2340034

Agency cd:	IN002	Site no:	414138086184701
Site name:	44113 REFERENCE NUMBER	FROM IDNR-DOW DATABASE	
Latitude:	414138	EDR Site id:	USGS2340034
Longitude:	0861847	Dec lat:	41.69393621
Dec lon:	-86.31306487	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:	758.00		
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:	19740212
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:	64.00	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

61
West
1/2 - 1 Mile
Higher

IN WELLS

INDNR1000140307

Refno:	398568		
Comp date:	09/06/2005		
Drive:	TAKE MOSS RD SOUTH OF US 20 TO 55556 MOSS RD		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	Not Reported	Quarter2:	Not Reported
Quarter3:	NE		
Section1:	5		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	2800		
Feetew:	0		
Feetwe:	500		
Utmx:	557031		
Utmy:	4614885		
Grnd elev:	730		
Depth:	59		
Bedrock:	0		
bedro 1:	0		
Aquelev:	671		
Static:	26		
Type test:	A		
Pumprate:	40		
Pumphou:	1.5		
Pumpdw:	3		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	Not Reported	Well use:	HOME
Use other:	Not Reported	Method:	ROTARY
Method other:	Not Reported		
Casingl:	54		
Casingd:	4		
Casingm:	PVC		
Screenl:	5		
Screenm:	4		
Screenn:	PVC	Slot:	.016
Liner top:	0		
Linerdi:	0		
Pumpset:	46		
Type pump:	S	Pump other:	Not Reported
Quality:	CLEAR	Groutm:	BENSEAL
Groutf:	0		
Groutt:	50		
Methodg:	PRESSURE		
Groutba:	2.5		
Sealing:	Not Reported	Filledf:	Not Reported
Filledt:	Not Reported	Methods:	Not Reported
Sealbag:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner:	PAM GEIRNAERT	Ownerad:	55556 MOSS RD SOUTH BEND, IN
Ownerzc:	46628		
Ownertx:	(000)288-3917	Driller:	S.R. MANSFIELD WELL DRILLING
Drillad:	58560 QUINCE RD SOUTH BEND, IN		
Drillzc:	46619		
Drilltx:	(000)234-6789	Operator:	TERRY MANSFIELD
License:	1604	Date co:	09/06/2005
Cbuild:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Driller
Field d:	09/06/2005	Courtby:	Not Reported
Court d:	07/01/2004	Classby:	Not Reported
Class date:	08/01/1965	Accwo:	Not Reported
Accwo date:	08/07/1978	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:	INDNR1000140307		

**R62
NW
1/2 - 1 Mile
Higher**

IN WELLS

INDNR1000141084

Refno:	44109		
Comp date:	08/07/1959		
Drive:	ST. JOSEPH CO. AIRPORT		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	38N	Range1:	2E
Quarter1:	NW	Quarter2:	SW
Quarter3:	SW		
Section1:	33		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	1200		
Feetsn:	0		
Feetew:	550		
Feetwe:	0		
Utmx:	557350		
Utmy:	4616135		
Grnd elev:	765		
Depth:	105		
Bedrock:	0		
bedro 1:	0		
Aquelv:	660		
Static:	55		
Type test:	Not Reported		
Pumprate:	0		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use other:	Not Reported	Method:	CABLE TOOL
Method other:	Not Reported		
Casingl:	96		
Casingd:	2		
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 WATER DEPT.	Ownerad:	SOUTH BEND
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	LAYNE NORTHERN CO.
Drillad:	MISHAWAKA, IN		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	GEORGE E. PETZ
License:	Not Reported	Date co:	07/05/1979
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	TKT, JDH
Field d:	07/09/1962	Courtby:	Not Reported
Court d:	12/06/1961	Classby:	Not Reported
Class date:	04/01/1976	Accwo:	NO
Accwo date:	04/01/1976	County:	ST. JOSEPH
Town:	38N	Rang:	2E
Section:	33		
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:	INDNR1000141084		

R63
NW
1/2 - 1 Mile
Higher

FED USGS USGS2339805

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414149086183901
Site name:	44109 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	414149	EDR Site id:	USGS2339805
Longitude:	0861839	Dec lat:	41.6969918
Dec lon:	-86.31084258	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:	19590807
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:	105.00	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

**S64
West
1/2 - 1 Mile
Higher**

FED USGS USGS2340107

Agency cd:	IN002	Site no:	414119086185501
Site name:	60676 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	414119	EDR Site id:	USGS2340107
Longitude:	0861855	Dec lat:	41.6886584
Dec lon:	-86.31528714	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:	743.00		
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:	QUATERNARY		
Well depth:	68.00	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

S65
West
1/2 - 1 Mile
Higher

IN WELLS INDNR1000140514

Refno:	60676		
Comp date:	06/14/1984		
Drive:	DRILLED W OF SO BEND, NEAR ST JOSEPH AIRPORT ON MOSS RD 3/4 MI S OF US 20		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	NW	Quarter2:	SE
Quarter3:	NE		
Section1:	5		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	1650		
Feetsn:	0		
Feetew:	0		
Feetwe:	750		
Utmx:	556975		
Utmy:	4615225		
Grnd elev:	743		
Depth:	68		
Bedrock:	0		
bedro 1:	0		
Aquelv:	675		
Static:	0		
Type test:	Not Reported		
Pumprate:	10		
Pumphou:	1		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	HOME
Use other:	Not Reported	Method:	JET
Method other:	Not Reported		
Casingl:	64		
Casingd:	2		
Casingm:	Not Reported		
Screenl:	4		
Screend:	1.25		
Screenm:	Not Reported	Slot:	12
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:	HENRY HOWARD	Ownerad:	55309 MOSS RD SOUTH BEND IN
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	B KAMM CO INC
Drillad:	1234 CHIMES BLVD SOUTH BEND IN		
Drillzc:	46615		
Drilltx:	Not Reported	Operator:	WILLIAM KAMM
License:	Not Reported	Date co:	08/27/1984
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	JCA
Field d:	06/01/1985	Courtby:	Not Reported
Court d:	12/06/1961	Classby:	Not Reported
Class date:	05/29/1968	Accwo:	Not Reported
Accwo date:	12/01/1975	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:	INDNR1000140514		

Q66
NE
1/2 - 1 Mile
Higher

FED USGS USGS2339828

Agency cd:	IN002	Site no:	414154086170301
Site name:	44169 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	414154	EDR Site id:	USGS2339828
Longitude:	0861703	Dec lat:	41.69838096
Dec lon:	-86.28417479	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:	730.00		
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:	19810421
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: 65.00 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

67
SSE
1/2 - 1 Mile
Lower

FED USGS USGS2340279

Agency cd: IN002 Site no: 414027086173301
Site name: 37/2E-10E1
Latitude: 414027 EDR Site id: USGS2340279
Longitude: 0861733 Dec lat: 41.67421417
Dec lon: -86.29250829 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 WEST 19B 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: 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: 211 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: 1920-00-00 Ground water data end date: 1920-00-00
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
1920	6	

T68
East
1/2 - 1 Mile
Lower

FED USGS USGS2340072

Agency cd:	IN002	Site no:	414115086164001
Site name:	37/2E-03J1		
Latitude:	414115	EDR Site id:	USGS2340072
Longitude:	0861640	Dec lat:	41.68754767
Dec lon:	-86.27778555	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:	19310411
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 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:	1958-04-15	Water quality data begin date:	1958-04-15
Ground water data begin date:	0000-00-00	Water quality data count:	1
Ground water data count:	0	Ground water data end date:	0000-00-00

Ground-water levels, Number of Measurements: 0

T69
East
1/2 - 1 Mile
Lower

FED USGS USGS2340073

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414115086164002
Site name:	37/2E-03J6		
Latitude:	414115	EDR Site id:	USGS2340073
Longitude:	0861640	Dec lat:	41.68754767
Dec lon:	-86.27778555	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:	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:	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:	187	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

U70
West
1/2 - 1 Mile
Higher

IN WELLS INDNR1000140373

Refno:	60675		
Comp date:	02/14/1971		
Drive:	IN PIT S SIDE OF ARTMORE SCHOOL		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	37N	Range1:	2E
Quarter1:	SW	Quarter2:	SE
Quarter3:	NE		
Section1:	5		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	0		
Feetsn:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	556950		
Utmy:	4614975		
Grnd elev:	740		
Depth:	59		
Bedrock:	0		
bedro 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquelv:	681		
Static:	31		
Type test:	Not Reported		
Pumprate:	25		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	Not Reported	Well use:	Not Reported
Use other:	Not Reported	Method:	CABLE TOOL
Method other:	Not Reported		
Casingl:	46.5		
Casingd:	6		
Casingm:	Not Reported		
Screenl:	1		
Screend:	6		
Screenm:	Not Reported	Slot:	10
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:	ARTMORE SCHOOL	Ownerad:	Not Reported
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	LAYNE NORTHERN
Drillad:	Not Reported		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	JOHN BOWLES
License:	Not Reported	Date co:	02/21/1962
Cbuild:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	Not Reported
Field d:	09/11/1985	Courtby:	Not Reported
Court d:	12/06/1961	Classby:	Not Reported
Class date:	05/29/1968	Accwo:	Not Reported
Accwo date:	12/01/1975	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:	INDNR1000140373		

V71
NW
1/2 - 1 Mile
Higher

FED USGS USGS2339837

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414155086183501
Site name:	44098 REFERENCE NUMBER	FROM IDNR-DOW DATABASE	
Latitude:	414155	EDR Site id:	USGS2339837
Longitude:	0861835	Dec lat:	41.69865848
Dec lon:	-86.30973144	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:	766.00		
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:	19610404
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:	93.00	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 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

**V72
NW
1/2 - 1 Mile
Higher**

IN WELLS INDNR1000141217

Refno:	44098		
Comp date:	04/04/1961		
Drive:	960' N OF US 20 (AKA LINCOLN WAY WEST) 40' W OF PROPERTY LINE		
County1:	ST. JOSEPH	Civilt:	PORTAGE
Town1:	38N	Range1:	2E
Quarter1:	SE	Quarter2:	NW
Quarter3:	SW		
Section1:	33		
Topo:	SOUTH BEND WEST	Subdiv:	Not Reported
Lotno:	Not Reported		
Feetns:	1900		
Feetns:	0		
Feetew:	0		
Feetwe:	0		
Utmx:	557440		
Utmy:	4616335		
Grnd elev:	766		
Depth:	93		
Bedrock:	0		
bedro 1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquelv:	670		
Static:	56		
Type test:	Not Reported		
Pumprate:	1486		
Pumphou:	0		
Pumpdw:	0		
Bailerr:	0		
Bailerh:	0		
Bailerd:	0		
Welltype:	D	Well use:	Not Reported
Use other:	Not Reported	Method:	ROTARY
Method other:	Not Reported		
Casingl:	72		
Casingd:	34		
Casingm:	Not Reported		
Screenl:	20		
Screend:	18		
Screenm:	Not Reported	Slot:	5
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 WATER DEPT.	Ownerad:	SOUTH BEND, IN
Ownerzc:	0		
Ownertx:	Not Reported	Driller:	LAYNE NORTHERN CO.
Drillad:	MISHAWAKA, IN		
Drillzc:	0		
Drilltx:	Not Reported	Operator:	C. KIMBLE
License:	Not Reported	Date co:	09/18/1959
Cbuilde:	Not Reported		
Buildad:	Not Reported		
Buildzc:	0		
Buildtx:	Not Reported	Fieldby:	TT,JDH
Field d:	07/09/1962	Courtby:	Not Reported
Court d:	12/06/1961	Classby:	HCK
Class date:	04/01/1976	Accwo:	NO
Accwo date:	04/01/1976	County:	ST. JOSEPH
Town:	38N	Rang:	2E
Section:	33		
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:	INDNR1000141217		

U73
West
1/2 - 1 Mile
Higher

FED USGS USGS2340042

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	IN002	Site no:	414111086185701
Site name:	60675 REFERENCE NUMBER FROM IDNR-DOW DATABASE		
Latitude:	414111	EDR Site id:	USGS2340042
Longitude:	0861857	Dec lat:	41.68643617
Dec lon:	-86.3158427	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:	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:	19710214
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:	59.00	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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RADON

AREA RADON INFORMATION

State Database: IN Radon

Radon Test Results

Zipcode	Year	Test Type	Location	Result
46628	2002	Short Term	Basement	0.8
46628	1997	Short Term	Basement	1.8
46628	1997	Short Term	Basement	3.7
46628	1994	Short Term	Other	4.1
46628	0	Unknown	Other	1.4
46628	0	Unknown	Other	2.6
46628	0	Unknown	Other	1.0
46628	0	Unknown	Other	3.6
46628	0	Unknown	Other	3.1
46628	2000	Short Term	Basement	2.0
46628	0	Unknown	Other	2.5
46628	0	Unknown	Other	4.2
46628	0	Unknown	Other	2.9
46628	0	Unknown	Other	0.8
46628	1999	Long Term	Basement	0.2
46628	2000	Long Term	Other	0.4
46628	2000	Short Term	Other	1.7
46628	2000	Short Term	Other	2.7
46628	1994	Short Term	Other	9.9
46628	1994	Short Term	Other	2.4
46628	1994	Short Term	Other	2.0
46628	0	Short Term	Basement	3.1
46628	0	Short Term	Basement	13.8
46628	0	Short Term	Other	0.2
46628	0	Short Term	Basement	1.2
46628	0	Short Term	Basement	1.2
46628	2000	Short Term	Other	0.7
46628	2000	Short Term	Basement	0.9
46628	1997	Short Term	Basement	3.7
46628	1997	Short Term	Basement	1.2
46628	1997	Short Term	Basement	4.4
46628	1997	Short Term	Basement	1.3
46628	1997	Short Term	Basement	3.9
46628	1997	Short Term	1st Floor	3.1
46628	1997	Short Term	1st Floor	2.4
46628	1997	Short Term	1st Floor	2.5
46628	1997	Short Term	1st Floor	2.7
46628	1997	Short Term	Basement	1.2
46628	1997	Short Term	Basement	4.5
46628	1997	Short Term	Basement	4.7
46628	1997	Short Term	Basement	12.9
46628	2000	Short Term	Basement	4.1
46628	2000	Short Term	Basement	4.1
46628	1997	Short Term	Other	0.6
46628	1997	Short Term	Other	0.8
46628	1997	Short Term	Other	0.6
46628				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

	1997	Short Term	Other	4.8
46628	1997	Post-Mitigation	Other	1.3
46628	2000	Post-Mitigation	Basement	1.2
46628	2000	Short Term	Basement	6.5
46628	2000	Short Term	Basement	1.0
46628	2003	Short Term	Basement	2.6
46628	2004	Short Term	Basement	13.1
46628	2004	Short Term	Basement	3.0
46628	2004	Short Term	Basement	21.0
46628	2004	Short Term	Basement	2.3
46628	2004	Short Term	Basement	13.5
46628	2004	Short Term	Basement	17.7
46628	2004	Short Term	Basement	1.1
46628	2004	Short Term	Basement	2.3
46628	2004	Short Term	Basement	10.6
46628	2004	Short Term	Basement	3.4
46628	2004	Short Term	Basement	5.7
46628	2004	Short Term	Basement	8.2
46628	2004	Short Term	Basement	4.2
46628	2004	Short Term	Basement	10.8
46628	2004	Short Term	Basement	1.7
46628	2004	Short Term	Basement	2.6
46628	2004	Short Term	Basement	4.8
46628	2004	Short Term	Basement	1.9
46628	2003	Short Term	Basement	46.4
46628	2003	Short Term	Basement	42.9
46628	2003	Short Term	Basement	8.3
46628	2003	Short Term	Basement	8.1
46628	2003	Short Term	Basement	4.7
46628	2003	Short Term	Basement	4.2
46628	2003	Short Term	Basement	1.9
46628	2003	Short Term	Basement	1.8
46628	2003	Short Term	Basement	0.8
46628	2003	Short Term	Basement	0.7
46628	2003	Short Term	Basement	2.6
46628	2001	Short Term	Basement	15.3
46628	2001	Short Term	Basement	14.5
46628	2001	Short Term	Basement	17.4
46628	2001	Short Term	Basement	7.5
46628	2001	Short Term	Basement	8.4
46628	2001	Short Term	Basement	0.3
46628	2001	Short Term	0	4.2
46628	2001	Short Term	Basement	4.4
46628	2001	Post-Mitigation	Basement	1.0
46628	2001	Short Term	Basement	13.3
46628	2001	Short Term	Basement	0.9
46628	2001	Short Term	Basement	2.8
46628	2001	Short Term	Basement	15.1
46628	2000	Short Term	Basement	0.2
46628	2000	Short Term	Basement	2.7
46628	2002	Short Term	Basement	7.3
46628	2002	Short Term	Basement	2.8
46628	2002	Short Term	Basement	2.7
46628	2002	Short Term	Basement	4.4
46628	2002	Short Term	Basement	8.1
46628	2002	Short Term	Basement	2.7
46628				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

	2002	Short Term	Basement	1.3
46628	2002	Short Term	Basement	1.5
46628	2002	Short Term	Basement	1.3
46628	2002	Short Term	Basement	1.3
46628	2000	Short Term	Basement	0.2
46628	2000	Short Term	Basement	2.7
46628	2002	Short Term	Basement	7.3
46628	2002	Short Term	Basement	2.8
46628	2002	Short Term	Basement	2.7
46628	2002	Short Term	Basement	4.4
46628	2002	Short Term	Basement	8.1
46628	2002	Short Term	Basement	2.7
46628	2002	Short Term	Basement	1.3
46628	2002	Short Term	Basement	1.5
46628	2002	Short Term	Basement	1.3
46628	2002	Short Term	Basement	1.3
46628	2001	Short Term	Basement	1.6
46628	2003	Short Term	1st Floor	8.2
46628	2003	Short Term	1st Floor	6.3
46628	2003	Short Term	1st Floor	4.6
46628	2003	Short Term	1st Floor	12.2
46628	2003	Short Term	1st Floor	5.1
46628	2003	Short Term	1st Floor	5.6
46628	2002	Short Term	1st Floor	1.4
46628	2002	Short Term	1st Floor	0.6
46628	2002	Short Term	1st Floor	5.8
46628	2002	Short Term	1st Floor	3.7
46628	2002	Short Term	1st Floor	0.7

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: 46628

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.350 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	5.758 pCi/L	67%	25%	8%

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

Aerials



St. Vincent DePaul Facility

3408 Ardmore Trail

South Bend, IN 46628

Inquiry Number: 3173260.4

September 26, 2011

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 September 26, 2011

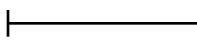
Target Property:3408 Ardmore Trail
South Bend, IN 46628

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1951	Aerial Photograph. Scale: 1"=750'	Panel #: 41086-F3, South Bend West, IN;/Flight Date: March 27, 1951	EDR
1978	Aerial Photograph. Scale: 1"=1000'	Panel #: 41086-F3, South Bend West, IN;/Flight Date: November 09, 1978	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"=604'	Panel #: 41086-F3, South Bend West, IN;/Composite DOQQ - acquisition dates: April 11, 1998	EDR
2005	Aerial Photograph. Scale: 1"=604'	Panel #: 41086-F3, South Bend West, IN;/Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=604'	Panel #: 41086-F3, South Bend West, IN;/Flight Year: 2006	EDR
2007	Aerial Photograph. Scale: 1"=604'	Panel #: 41086-F3, South Bend West, IN;/Flight Year: 2007	EDR



INQUIRY #: 3173260.4

YEAR: 1951

 = 750'





INQUIRY #: 3173260.4

YEAR: 1978

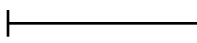
| = 1000'





INQUIRY #: 3173260.4

YEAR: 1981

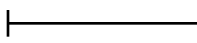
 = 1000'





INQUIRY #: 3173260.4

YEAR: 1986

 = 1000'

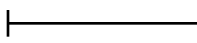


 **EDR** Environmental
Data Resources Inc.



INQUIRY #: 3173260.4

YEAR: 1992

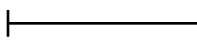
 = 750'





INQUIRY #: 3173260.4

YEAR: 1998

 = 604'





INQUIRY #: 3173260.4

YEAR: 2005

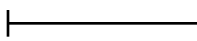
| = 604'





INQUIRY #: 3173260.4

YEAR: 2006

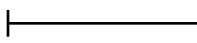
 = 604'





INQUIRY #: 3173260.4

YEAR: 2007

 = 604'



Appendix E

Sanborn Map Report



St. Vincent DePaul Facility

3408 Ardmore Trail
South Bend, IN 46628

Inquiry Number: 3173260.3
September 26, 2011

Certified Sanborn® Map Report

Certified Sanborn® Map Report

9/26/11

Site Name:

St. Vincent DePaul Facility
3408 Ardmore Trail
South Bend, IN 46628

Client Name:

Wightman Petrie Inc.
412 South Lafayette Blvd
South Bend, IN 46601

EDR Inquiry # 3173260.3

Contact: Conley Phifer



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Wightman Petrie Inc. 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: St. Vincent DePaul Facility
Address: 3408 Ardmore Trail
City, State, Zip: South Bend, IN 46628
Cross Street:
P.O. # COSB - St. Vincent DePaul
Project: 2011-5081
Certification # 47A7-42F5-98B8



Sanborn® Library search results
Certification # 47A7-42F5-98B8

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

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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Appendix F

Deeds & Property Record Cards



Land

Parcel ID 1 of 1

Tabs

- Parcel
- Land**
- Improvements
- Sales History
- Print/PRC

Parcel ID	71-08-04-277-002.000-026	Parcel Address	3408 ARDMORE TRAIL	AV - Total Land & Improv.	\$1,376,200	Data as of	9/25/2011 2:02:00 PM
------------------	--------------------------	-----------------------	--------------------	--------------------------------------	-------------	-------------------	----------------------

Legal Description TRACT OF LAND BEG 120' E OF SW COR E1/2 NE1/4 SEC 4-37-2E CONT 7.939AC+-
 Land Type - 12

Searches

- Address
- Parcel ID
- Owner Name
- Sales
- Legal Desc

Effective Frontage	.0	Actual Frontage	.0	Base Rate	12500.00		
Effective Depth	.0	Depth Factor	.00	Influence Code 1	L	Influence Factor Code 1	-14
Acreage	6.01	Acreage Factor	1.00	Influence Code 2		Influence Factor Code 2	0
Square Footage	261883.00	Influence Code 3		Influence Factor Code 3	0		
Soil ID		Soil Productivity Factor	10.0				

Functions

- Home
- Property Search**
- Help
- Feedback
- Press Releases
- County Website →
- DLGF Website →
- GIS Website →
- Beacon GIS →

Effective Frontage	.0	Actual Frontage	.0	Base Rate	17500.00		
Effective Depth	.0	Depth Factor	.00	Influence Code 1	L	Influence Factor Code 1	-14
Acreage	1.93	Acreage Factor	1.00	Influence Code 2		Influence Factor Code 2	0
Square Footage	83940.00	Influence Code 3		Influence Factor Code 3	0		
Soil ID		Soil Productivity Factor	10.0				

Certified values as of March 1, 2010

[Print](#) [BackToList](#) [First](#) [Previous](#) [Next](#) [Last](#)



Improvements

Parcel ID 1 of 1

- Parcel
- Land
- Improvements
- Sales History
- Final PRC

Parcel ID: 71-08-04-277-002.000-026
 Parcel Address: 3408 ARDMORE TRAIL
 AV - Total Land & Improv.: \$1,376,200
 Data as of: 9/25/2011 2:02:00 PM

Improvements

Searches

- Address
- Parcel ID
- Owner Name
- Sales
- Legal Desc

View	Improvement Type Code	Building No.	ID No.	Constructed Year	Grade	Total Base Area	Replacement Cost
	MEZZ	C01	01	0000	C	1,980	\$82,370
	FENCECL	C01	02	2000	C	121	\$1,810
	PAVING	C01	03	1979	C	242,830	\$303,540
View Details / Print View	DISCOUNT	C01	C	1979	C	83,770	\$3,168,970

Functions

- Home
- Property Search
- Help
- Feedback
- Press Releases
- County Website →
- DUGF Website →
- GIS Website →
- Beacon GIS →

Certified values as of March 1, 2010

[Print BackToList](#) First Previous Next Last

ADMINISTRATIVE INFORMATION
PARCEL NUMBER
71-08-04-277-002.000-026
Parent Parcel Number

OWNERSHIP
ST VINCENT DEPAUL SOCIETY OF STJOSE
PH COUNTY INC
P O BOX 1438
SOUTH BEND, IN 46624

Card No. 1 of 1
Printed 11/30/2010
Tax ID 18-2191-719201
TRANSFER OF OWNERSHIP

Property Address
3408 ARDMORE TRAIL
Neighborhood
7126450 18604 C132

TRACT OF LAND BEG 120' E OF
SW COR E1/2 NE1/4 SEC 4-37-2E
CONT 7.939AC+-

DAYTON HUDSON CORPORATION
Date
02/26/1999
10/21/1980

Bk/Pg: 0, 0
\$0
Bk/Pg: 0, 0
\$0

EXEMPT

Property Class
680 Exempt: Owned by Charities
TAXING DISTRICT INFORMATION
Jurisdiction 71 St. Joseph
Area 011 Portage
Corporation 7205
District 026
Routing Number 8-4D

VALUATION RECORD

Assessment Year	03/01/2002	03/01/2007	03/01/2008	03/01/2009	03/01/2010
Reason for Change	4Y Reval	Trend Val	Trend Val	Trend Val	Trend Val
VALUATION	I 110100	110100	108900	93600	93600
Appraised Value	E 1282600	1282600	1282600	1282600	1282600
	I 1392700	1392700	1391500	1376200	1376200
VALUATION	I 110100	110100	108900	93600	93600
True Tax Value	E 1282600	1282600	1282600	1282600	1282600
	I 1392700	1392700	1391500	1376200	1376200

Site Description

Topography:
Level
Public Utilities:
Water, Sewer, Gas, Electric, All
Street or Road:
Paved, Sidewalk
Neighborhood:
Static
Zoning:
1 SECONDARY
2 PRIMARY
Legal Acres:
0.0000

LAND DATA AND CALCULATIONS

Rating	Measured	Table	Prod. Factor	Base	Adjusted	Extended	Influence	Value
Soil ID	Acreage	-or- Effective	Depth	Rate	Rate	Value	Factor	
Actual Frontage	6.0120	Effective Depth	132	1.00	12500.00	12500.00	-14%	75150 L
Static Frontage	1.9270	Depth	132	1.00	17500.00	17500.00	-14%	33720 L
		Square Feet						64630
								29000

MM01: Plexis Conv. Note 02/09/1994 Parcel
TARGET3408 ARDMORE TRAIL/TRANSFER DATE 10/21/80
MM02: Plexis Conv. Note 11/25/1996 Parcel
PER BOR - 9/10/96 - ADD 20% ECONO. OBSO. FOR A
TOTAL OF 30% OBSO.; CHANGE CONDITION OF PAVING TO
FAIR.
MM03: Plexis Conv. Note 11/24/1999 Parcel
KEY #18-2191-719207 CONSOLIDATED WITH THIS
PARCEL.PER AUDITOR'S OFFICE.
MM04: Plexis Conv. Note 11/08/2001 Parcel
PERMIT #51398 8' OPEN CHAIN LINK FENCE
TA: GENERAL
08/09 PART SOLD TO LIBRARY
PER TRANS #4563 07/16/07

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
93630

93600

IMPROVEMENT DATA

01 02 03

PHYSICAL CHARACTERISTICS

ROOFING
 Other
 WALLS
 Frame
 Brick Yes
 Metal
 Guard
 FRAMING
 F Res B 1 2 U
 0 83770 0 1980
 FINISH
 UF SF FO FD
 0 0 83770 0
 U 0 0 1980
 Total 0 0 83770 1980
 HEATING AND AIR CONDITIONING
 B 1 2 U
 0 83770 0 1980
 A/C 0 83770 0 1980
 PLUMBING Residential Commercial
 # TF # TF
 Full Baths 4 12
 Half Baths 1 2
 Extra Fixtures 6
 TOTAL 0 20
 OTHER FIXTURES
 Refrigerated Water Coolers G/F ES SS 1

P Key GCM38

#Units
 AVSize 1 M1
 Floor 1226 0
 Perim 0
 PAR 1 0
 Height 14 12
 Use DISCOUNT GENOFF
 Use SF 83770 1980
 Use % 100.00% 100.00%

Rate 33.30 36.65
 Fr Adj 0.00 0.00
 WH Adj 0.00 0.00
 Ot Adj 0.00 0.00
 BASE 33.30 0.00
 BPA % 100% 0%

Subtot 33.30 36.65

U Fin 0.00 0.00
 Ot Adj 0.00 0.00
 IntFin 0.00 0.00
 Div W 0.00 0.00
 Lightg 0.00 0.00
 AirCon 0.00 4.95
 Heat 0.00 0.00
 Sprink 0.00 0.00

SF Pr 33.30 41.60
 X SF 2789540 0

Subtot 2789540
 Plumb 27000
 SpFeat 82370
 ExFeat 8400
 TOTAL 2907310
 Qual/Gr C

RCN 3168970

Use Dep 0/ 0 0/ 0

(LCM: 109.00)

SUMMARY OF IMPROVEMENTS

ID	Use	Stry Hgt	Const Type	Grade	Year Eff Const	Year	Base Rate	Feat-Adj Rate	Size or Area	Computed Value	Phys Obsl	Market Depr	Adj Comp	Value
C	DISCOUNT	0.00	0.00	51E	C	1979	1979	0.00	83770	3168970	45	30	100	1220100
02	FENCECL	8.00	8.00	85	C	2000	2000	14.93	121	1810	0	0	100	1800
03	PAVING	2.00	2.00	85	C	1979	1977	1.40	242830	303540	80	0	100	60700

SPECIAL FEATURES

Description	Value
MEZZ	82370

Neighborhood Neigh 7126450 AV

Appraiser/Date

Data Collector/Date

Supplemental Cards TOTAL IMPROVEMENT VALUE

1282600

② METROPOLITAN TITLE - IN, LLC
P.O. BOX 4008
SOUTH BEND, INDIANA 46704

99 FEB 26 PM 2:42

ST. JOSEPH INDCER

3

9909133

Limited Warranty Deed

Transfer 14751
Taxing Unit S.B.
Date 2-26-99

Mail Tax Bills to:
P.O. Box 1438
SOUTH BEND, IN 46704

Tax Key No:

18-2191-719201

THIS INDENTURE WITNESSETH, That Dayton Hudson Corporation, formerly known as Dayton-Hudson Corporation, a Minnesota corporation, Grantor(s), of Hennepin County, in the State of Minnesota, CONVEYS AND QUITCLAIMS to St. Vincent DePaul Society of St. Joseph County, Inc., a non-profit Indiana corporation, Grantee(s), of St. Joseph County, in the State of Indiana, for the sum of One and no/100s Dollars (\$1.00) and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the following described real estate in St. Joseph County, State of Indiana:

See Exhibit A attached hereto.

This Deed conveys after-acquired title. Grantor warrants that Grantor has not done or suffered anything to encumber the property, EXCEPT the lien of real estate taxes and assessments not yet delinquent; a Memorandum of Lease recorded as Instrument No. 8001217, the Lessor's interest in which was assigned to Grantor pursuant to Instrument No. 8018350; and all easements, reservations and restrictions of record, if any.

IN WITNESS WHEREOF, Grantor has executed this deed this _____ day of February, 1999.

Indiana Gross Income Tax on
Sale of Real Estate

Paid by
Dayton Hudson Corp
Grantor

Date Paid 2-26-99

Amount Paid \$ 5160 00

Treasurer's Receipt # 445761
2012 St. Joseph County

Grantor: DAYTON HUDSON CORPORATION

By [Signature]
Edward J. Bierman
Authorized Signatory

JULY ENTERED FOR TAXATION
JOSEPH F. NAGY
AUDITOR
ST. JOSEPH CO. INDIANA

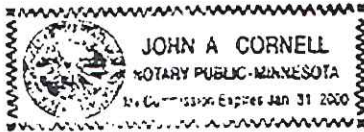
STATE OF MINNESOTA

SS: ACKNOWLEDGMENT

COUNTY OF HENNEPIN

Before me, a Notary Public in and for said County and State, personally appeared Edward J. Bierman, the duly-authorized signatory of Dayton Hudson Corporation, formerly known as Dayton-Hudson Corporation, a Minnesota corporation, who acknowledged the execution of the foregoing Quitclaim Deed, and who, having been duly sworn, stated that the foregoing Quitclaim Deed was executed on behalf of the corporation.

Witness my hand and Notarial Seal this 23rd day of February, 1999.



John A. Cornell
Notary Public

Return deed to St. Vincent DePaul Society of St. Joseph County, Inc., 230 East Sample Street, South Bend, IN 46614.

This instrument was prepared by:

Paul S. Moe
Faegre & Benson LLP
2200 Norwest Center
90 South Seventh Street
Minneapolis, MN 55402
MI-467290 01

EXHIBIT A

Legal Description

A part of the Northeast Quarter of Section 4, Township 37 North, Range 2 East, of the Second P.M. Portage Township, City of South Bend, St. Joseph County, Indiana, described as follows: Commencing at the intersection of the West right-of-way line of Bendix Drive and the North right-of-way line of Prast Boulevard; thence North 89 degrees 19 minutes 44 seconds West along the North right-of-way line of Prast Boulevard 526.58 feet to the point of beginning; thence continuing North 89 degrees 19 minutes 44 seconds West along the North right-of-way line of Prast Boulevard 480.00 feet; thence North 00 degrees 00 minutes 39 seconds East, 615.65 feet to the Southerly right of way of Ardmore Trail; thence North 65 degrees 07 minutes 07 seconds East, along the Southerly right-of-way of Ardmore Trail; 266.37 feet; thence South 00 degrees 05 minutes 49 seconds East 129.27 feet; thence South 89 degrees 44 minutes 48 seconds East 238.10 feet; thence South 00 degrees 00 minutes 39 seconds West, 603.00 feet to the Point of Beginning.