

above ground storage tank
air quality
asbestos/lead-based paint
baseline environmental assessment
brownfield redevelopment
building/infrastructure restoration
caisson/piles
coatings
concrete
construction materials services
corrosion
dewatering
drilling
due care analysis
earth retention system
environmental compliance
environmental site assessment
facility asset management
failure analyses
forensic engineering
foundation engineering
geodynamic/vibration
geophysical survey
geosynthetic
greyfield redevelopment
ground modification
hydrogeologic evaluation
industrial hygiene
indoor air quality/mold
instrumentation
masonry/stone
metals
nondestructive testing
pavement evaluation/design
property condition assessment
regulatory compliance
remediation
risk assessment
roof system management
sealants/waterproofing
settlement analysis
slope stability
storm water management
structural steel/welding
underground storage tank

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**9800 PLYMOUTH-ANN ARBOR ROAD
PLYMOUTH (SUPERIOR TOWNSHIP), MI**

Prepared for:

Washtenaw County
110 North Fourth Avenue
Ann Arbor, Michigan 48107

SME Project Number: PE60262A-06

September 13, 2010



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1.0 SUMMARY

SME performed a Phase I Environmental Site Assessment (ESA) of 9800 Plymouth Road, in Plymouth (Superior Township), Washtenaw County, Michigan hereinafter referred to as “the Property,” in conformance with the scope and limitations of ASTM Practice E 1527-05. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. The findings of SME’s ESA are summarized below. A Property Location Map (Figure 1) is included in Appendix A.

The User of this Phase I ESA is Washtenaw County, Michigan. The User’s representative provided information about some or all of the following issues in support of all appropriate inquiry into environmental conditions on the Property: 1) reason for this Phase I ESA; 2) environmental cleanup liens and activity/use limitations (AULs) recorded for the Property; 3) specialized knowledge and experience of the User indicative of potential RECs associated with the Property; 4) relationship of purchase price to market value; 5) commonly known or reasonably ascertainable information about environmental conditions on the Property; and 6) legal/administrative proceedings related to hazardous substances, petroleum products, or environmental compliance issues in, on or emanating from the Property.

SME reviewed the history of Property use, from the present back to 1937, which was the obvious first developed use of the Property. The Property was used as an orchard from at least 1937 until sometime before 1955. The current buildings were constructed in 1955. Various companies occupied the Property from 1955 to 2007; operations are not known. An on-site well and septic field were reportedly used from 1955 until the most recent occupant left the site in 2007. SME identified the potential for environmental impact from unreported and/or undetected releases of hazardous substances and/or petroleum products associated with 1) unknown historical industrial uses and 2) discharge of process water and other materials to the septic field as a suspect REC in connection with the Property.

SME conducted a site reconnaissance seeking visual evidence of suspect RECs on the Property and observable surrounding areas. The Property was developed with two vacant buildings. Based on visual observations, SME identified the potential for environmental impact from 1) historical use of a dust collection system, paint booth, and parts washer, 2) the possible former and/or current presence of a UST on the north side of the building, and 3) presence of debris in the creek bed on the south Property boundary as a suspect REC in connection with the Property.

SME interviewed the current owner of the Property and representatives of the Washtenaw County Health Department. No suspect RECs were identified through these interviews.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of 9800 Plymouth-Ann Arbor Road, the property. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- The Property’s status as a “facility,” as a result of known arsenic, lead, and selenium contamination (Section 5.2.4).
- The historical Property use as an orchard and the potential for contamination including but not limited to arsenic, copper, lead, and mercury from associated uses of herbicides, fungicides, pesticides, and specifically insecticides (Section 5.4.2).
- The potential for environmental impact from unreported and/or undetected releases of hazardous substances and/or petroleum products associated with the following:
 - The historical Property use as an orchard and the potential for contamination including but not limited to arsenic, copper, lead, and mercury from associated uses of herbicides, fungicides, pesticides, and specifically insecticides (Section 5.4.2).
 - Unknown historical uses of the Property since 1955 by numerous former owners (Section 5.4.2).
 - Historical use of a dust collection system, paint booth, and parts washer (Sections 6.3.6 and 6.4.7).
 - Use of a septic field (Section 5.4.2).
 - Soil piles in the central portion of the Property (Section 6.3.6).
 - Debris in the creek bed at the south Property boundary (Section 6.3.6).
 - Potential for historical use and current presence of a UST on the north side of the manufacturing building (Section 6.3.2).

SME’s Project Team was as follows:

Preparer:	Rhonda F. Miller, CHMM
Environmental Professional (EP):	Rhonda F. Miller, CHMM
Senior Technical Reviewer:	Keith Egan, CP#259

2.0 INTRODUCTION

SME performed a Phase I Environmental Site Assessment (ESA) of the property located at 9800 Plymouth-Ann Arbor Road in Superior Township, Washtenaw County, Michigan, hereinafter referred to as the Property. The Phase I ESA was conducted according to the ASTM International (ASTM) Practice E 1527-05 (Practice), which is accepted in the U.S. Environmental Protection Agency regulations as satisfying one component of the requirements of All Appropriate Inquiries (AAI) under the Comprehensive Environmental Response, Compensation and Liability Act, as amended (CERCLA).

The assessment described in this report, funded by a Hazardous Substances Assessment Grant awarded to Downriver Community Conference Brownfield Coalition (DCCBC) by the U.S. Environmental Protection Agency (USEPA), will be used to support redevelopment of the Property. Ms. Paula Boase of DCCBC authorized the conduct of this Phase I ESA to identify and evaluate potential environmental concerns associated with the Property prior to its sale by Washtenaw County (the User).

2.1 Purpose

The purpose of this Phase I ESA was to satisfy relevant AAI requirements for the User of this report. One of the primary objectives was to identify recognized environmental conditions (RECs) in connection with the Property and assess the relative significance of the identified REC(s). The Practice defines a REC as:

...the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.*

**For the purposes of this Phase I ESA, a hazardous substance is a substance as defined in the ASTM Practice E 1527-05.*

2.2 Detailed Scope of Services

This Phase I ESA was conducted in conformance with the ASTM Standard Practice on Environmental Site Assessments for Commercial Real Estate designation E 1527-05, “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.” This Phase I ESA does not address the non-scope considerations as defined by Section 13 of the Practice.

The Environmental Professional responsible for the conduct of this Phase I ESA was Ms. Rhonda F. Miller, CHMM. The site reconnaissance and interviews were also performed by Ms. Miller. The report was reviewed by Mr. Keith Egan, CP# 259. Resumes of Ms. Miller and Mr. Egan are attached in Appendix F.

2.3 Significant Assumptions

Pursuant to the Practice, SME assumes that the information provided by all sources and parties, including the User, is accurate and complete, except where obvious inconsistencies or inaccuracies were identified.

2.4 Limitations and Exceptions

SME encountered the following limitations during the reconnaissance: heavy vegetation on the southern portion of the Property, dry good storage in the warehouse portion of the manufacturing building, and lack of lighting in the manufacturing building.

The Practice’s scope of services was implemented.

2.5 Special Terms and Conditions

No special terms and conditions were imposed on SME as part of this Phase I ESA.

2.6 Reliance

SME has prepared this report to be used and relied upon solely and exclusively by Washtenaw County (the User), and one future purchaser in accordance with terms and conditions agreed upon for the project. No other party may rely upon SME’s opinions, conclusions or reports unless SME has agreed to such reliance in writing.

3.0 PROPERTY DESCRIPTION

The following are descriptions of the Property, uses and conditions of the Property, and uses of the adjoining sites at the time of this Phase I ESA.

3.1 Property Location and Legal Description

The Property was located at 9800 Plymouth Road, Plymouth (Superior Township), Michigan. The legal description of the Property, tax identification number J-10-02-400-014, is attached in Appendix C.

3.2 Property and Vicinity Characteristics

The Property consisted of approximately 3.8 acres of land developed with two buildings. The remainder of the Property was developed with paved parking and landscaped areas. The Property was located in a rural setting.

A current Property Features Diagram was developed from the observations, field notes, photographs, and/or historical information collected during conduct of this Phase I ESA. It is included as Figure 2 in Appendix A.

3.3 Current Use of the Property

The Property is currently unoccupied. One single-story, approximately 19,200 square foot building occupies the northern portion of the Property. The building is constructed of bricks and block on a concrete slab. One approximately 2,400 square foot building is situated near the northwest corner of the Property; the building is constructed of metal and block on a concrete slab. The Property is accessed via a single entrance on Plymouth Road.

3.4 Current Uses of the Adjoining Sites

Known current uses of adjoining sites are summarized in the following table:

Direction	Name Address	Activity
North	Grass and tree covered land	None observed
East	Plymouth Nursery 9900 Plymouth Road	Retail nursery sales
South	Plymouth Nursery 9900 Plymouth Road	Retail nursery sales
West	Residential structure 9780 Plymouth Road	Residential

4.0 USER PROVIDED INFORMATION

As part of AAI the User has the statutory responsibility, above and beyond the Phase I ESA conducted under supervision of an EP, to provide information about the following issues in support of all appropriate inquiry into environmental conditions on the Property:

- Reason for this Phase I ESA;
- Environmental cleanup liens and activity/use limitations (AULs) recorded for the Property;
- Specialized knowledge and experience of the User indicative of potential RECs associated with the Property;
- Relationship of purchase price to market value;
- Commonly known or reasonably ascertainable information about environmental conditions on the Property; and
- Legal/administrative proceedings related to hazardous substances, petroleum products, or environmental compliance issues in, on or emanating from the Property.

The User information was provided through completion of the **User Questionnaire** attached in Appendix E. Information provided by Mr. Ben Kraft, the User's Representative is summarized in the following subsections.

4.1 Reason for the Phase I ESA

Mr. Kraft reported that the reason for this Phase I ESA of the Property was to support a future purchaser's all appropriate inquiry into environmental conditions of the Property, a component of the future purchaser's effort to qualify for one of the landowner liability protections to CERCLA applicable to the planned purchase of the Property.

4.2 Recorded Environmental Cleanup Liens and AULs

Mr. Kraft reported that Washtenaw County reviewed recorded land title records on file with the County Register of Deeds for the purpose of identifying recorded environmental cleanup liens and AULs related to the Property. No recorded environmental cleanup liens or AULs related to the Property were reported by the User.

4.3 Specialized Knowledge and Experience

Mr. Kraft reported having no specialized knowledge or experience that would indicate, or create suspicion of, the presence environmental contamination on the Property.

4.4 Relationship of Purchase Price to Value

Mr. Kraft reported that the purchase price of the Property was below fair market value. The Property, foreclosed by Washtenaw County for non-payment of property taxes, will be sold at auction to recoup the outstanding taxes.

4.5 Commonly Known or Reasonably Ascertainable Information

Mr. Kraft reported that he was aware of a “large, v-vessel” in back of the larger building, and that a company named Merchants Automatic Products previously owned the Property.

4.6 Proceedings Involving the Property

Mr. Kraft, based on personal knowledge and experience related to the Property, reported no known pending, threatened, or past litigation, administrative proceedings, or violations of environmental laws and regulations related to hazardous substances or petroleum products in, on, or arising from the Property.

5.0 RECORDS REVIEW

5.1 Environmental Record Sources

SME retained Environmental Data Resources, Inc. (EDR) to query the state, federal, and tribal regulatory agency lists of environmental sites identified in the Practice to identify regulated and/or environmentally impacted sites within the specified approximate minimum search distances. Results from the following databases were reported:

1. **United States Environmental Protection Agency (USEPA) Superfund National Priority List - 1-mile search distance. (NPL)**
2. **USEPA Superfund Delisted National Priority List - 1/2-mile search distance. (NPL Delisted)**
3. **USEPA Superfund Comprehensive Environmental Response, Compensation and Liability Information System Hazardous Waste Sites - 1/2-mile search distance. (CERCLIS)**
4. **USEPA Superfund CERCLIS Archive No Further Remedial Action Planned Sites - 1/2-mile search distance. (CERCLIS-NFRAP)**
5. **Federal Resource Conservation and Recovery Information System (RCRIS) Corrective Action Facilities List - 1-mile search distance. (CORRACTS)**
6. **USEPA RCRA Treatment Storage and Disposal Facilities List - 1/2-mile search distance. (RCRA-TSD)**
7. **USEPA Federal Resource Conservation and Recovery Act of 1976 Large Quantity Generators (LQG), Small Quantity Generators (SQG), and Conditionally Exempt Generator (CEG) List for Michigan - Property and adjoining sites. (RCRA-LQG / RCRA-SQG/RCRA-CESQG)**
8. **Federal Institutional Control / Engineering Control Registries - Property only.**
9. **USEPA Emergency Response Notification System List - Property only. (ERNS)**
10. **State / Tribal Sites of Environmental Contamination - 1-mile search distance (State Contaminated Site or Tribal Contaminated Site)**
11. **State / Tribal Solid Waste Landfills - 1/2-mile search distance. (State Landfill or Tribal Landfill)**

- 12. State / Tribal Open and Closed Leaking Underground Storage Tank Sites - 1/2-mile search distance. (State Open LUST/Closed LUST or Tribal Open LUST/Closed LUST)**
- 13. State / Tribal Registered Underground Storage Tanks - Property and adjoining sites. (State Registered UST or Tribal Registered UST)**
- 14. State / Tribal Institutional Control / Engineering Control Registries - Property only.**
- 15. State / Tribal Voluntary Action/Cleanup Program Sites - 1/2 mile search distance. (State VAP/VCP or Tribal VAP/VCP)**
- 16. State / Tribal Brownfield Sites - 1/2 mile search distance. (State Brownfield Site or Tribal Brownfield Site)**
- 17. MDNRE Baseline Environmental Assessment List - Property and adjoining sites. (BEA)**

These information sources were available unless otherwise noted above. The EDR report includes site maps indicating the location of these listed sites relative to the Property, and dates the lists were updated. The EDR report is included in Appendix D.

A former Property owner, Programmed Products Corporation, was identified as a former small-quantity generator of hazardous wastes. No violations were reported. The former SQG status does not represent a REC in connection with the Property.

The Property was also identified as a BEA site. A Category N BEA was submitted to the MDNRE in 2005. See Section 5.2.3 for a further discussion of the BEA.

Based on the clay soil profile in the area of the Property and/or distance from the Property, the remaining sites do not appear to represent suspect RECs in connection with the Property. In SME's opinion, it was not necessary to review records for the listed sites.

5.2 Additional Environmental Record Sources

5.2.1 County Environmental Health Department

On July 23, 2010, SME contacted the Washtenaw County Environmental Health Department (WCEHD) via facsimile transmission and requested all available information pertaining to environmental concerns associated with the Property and surrounding area, including information on septic systems and water wells, if any, located on the Property. Ms. Anita Heath, with the WCEHD, indicated that no records were available for the Property.

5.2.2 Fire Department

On July 23, 2010, SME contacted the Superior Township Fire Department via e-mail transmission and requested all available records associated with the Property and surrounding properties.

Fire Marshall Wayne Dickinson indicated no records were available for the Property.

5.2.3 MDNRE Geological Survey Division

SME queried the MDNRE-Geological Survey Division's (GSD) Oil and Gas Information System – Online Data Query for oil and gas permits/wells for the Property's township, range and section number. According to the July 16, 2010, query results, no known oil and/or gas well permits were recorded for the Property section number.

5.2.4 Other Record Sources

SME reviewed a May 13, 2005, Category "N" Baseline Environmental Assessment (BEA) prepared for the Property by August Mack Environmental Inc. (AME). Five soil samples and two groundwater samples were collected and analyzed for volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and the 8 RCRA metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver). The following Part 201 generic residential cleanup criteria exceedances were reported:

- Groundwater surface water interface criteria for selenium in two soil samples
- Direct contact criteria for arsenic in four soil samples
- Drinking water criteria for lead in one groundwater sample

The Property's status as a "facility," as a result of the known contamination, represents a REC in connection with the Property.

5.3 Physical Setting Source(s)

5.3.1 USGS – Current 7.5 Minute Topographic Map

SME reviewed a United States Geological Survey (USGS) topographic map to evaluate the physical setting of the Property. According to the USGS 7.5 minute series Topographic Map Denton Quadrangle, Michigan, compiled in 1969 and photo revised in 1972 and 1980, the Property sloped south to north from an elevation of approximately 840 feet above mean sea level (MSL) to 860 feet above mean sea level (MSL). Two buildings were depicted on the Property. Numerous wetland areas were depicted within a one-mile radius of the Property.

5.3.2 Other Non-Practice Physical Setting Sources

Based on review of AME's 2005 BEA, the general soil profile at the Property was approximately 1 foot of sand underlain by clay to the explored depth of the borings at 15 feet. Groundwater, when encountered, was approximately 10 feet below ground surface.

5.4 Historical Use Information on the Property

The objective of consulting historical record sources is to develop a history of the Property's previous uses from the present back to the obvious first developed use of the Property or back to 1940, whichever was earlier. As defined in the Practice, "developed use" includes agricultural uses and placement of fill. The information reviewed was from reasonably ascertainable standard sources, defined in the Practice as publicly available, obtainable from its source within reasonable time and cost constraints, and practicably reviewable.

Data failures encountered, as defined by the Practice, are described under each appropriate Practice historical source. The Practice requires review of only as many of the standard historical sources as are reasonably ascertainable and likely to be useful.

5.4.1 Standard Historical Sources

The sources reviewed to determine the historical uses of the Property and related environmental issues are summarized below. A summary of findings from these reviews is presented in section 5.4.2.

- **Aerial Photographs:** SME reviewed aerial photographs, obtained from EDR, dated 1937, 1940, 1949, 1955, 1963, 1969, 1978, 1985, 1993, 2000, 2005, and 2006.
- **Fire Insurance Maps:** According to EDR, no fire insurance maps for the Property were available.
- **Property Tax Files:** SME visited the Superior Township assessor's office and requested all available records pertaining to the Property. SME reviewed the provided records, which were comprised of an assessor's field sheet and a Mortgage Inspection diagram.
- **Recorded Land Title Records:** SME did not review land title records because information regarding the history of the Property was obtained from other historical sources identified herein. In addition, land title records typically provide information regarding ownership, but not use, of a property.
- **USGS Topographic Maps:** SME reviewed the USGS 7.5 minute series Topographic Map Denton Quadrangle, Michigan, compiled in 1969 and photo revised in 1972 and 1980.

- **Local Street Directories:** SME reviewed local street directories for the years 1967, 1974, 1980, 1990, 1994, 1999, 2000, 2004, and 2005 at the Bresser’s office in Detroit, Michigan. Directories prior to 1967 and after 2005 were not available
- **Building Department Records:** SME visited the Superior Township building department and requested all available records pertaining to the Property. SME reviewed the provided records, which were comprised of various plumbing and electrical permits.
- **Zoning/Land Use Records:** According to the on-line Superior Township Zoning Map, the Property was zoned O-1 Office District.
- **Other Historical Sources:** SME did not review other historical sources because sufficient information regarding the history of the Property was obtained from the aforementioned historical sources.

5.4.2 Historical Usage Summary

A summary of historical usage of the Property, back to 1937, the date of earliest readily available records as described above, is presented in the following table:

HISTORICAL USAGE SUMMARY

Year / Period	Identified / Inferred Use	Source (Date)
1937 - 1949	The Property was developed as an orchard.	Aerial Photographs (1937, 1940, 1949)
1955 - 2007	Two buildings were constructed in 1955. The Property used an on-site well and septic field. The Property was historically used by Superior Warehouse Corporation, W.E. Hennells Company, Tension Structures, Charles H. Stone, Merchant’s Automatic Products, Programmed Products, GLAS Investments.	Aerial Photographs (1955, 1963, 1969, 1978, 1985, 1993, 2000, 2005, 2006) Topographic Maps (1969, 1972, 1980) Township Records City Directories (1967, 1974, 1980, 1990, 1994, 1999, 2000, 2004, 2005)

The Property was used as an orchard from at least 1937 until sometime before 1955. The current buildings were constructed in 1955. Various companies occupied the Property from 1955 to 2007. Programmed Products reportedly specialized in fire-damaged electrical appliance and equipment restoration. GLAS Investments conducted land surveys. Operations conducted by other occupants are not known. The on-site well and septic field were reportedly used from 1955 until the most recent occupant, GLAS Investments, left the site in 2007. The potential for environmental impact from unreported and/or undetected releases of hazardous substances and/or petroleum products associated with 1) unknown historical industrial uses and 2) discharge of process water and other materials to the septic field represents a suspect REC in connection with the Property.

The historical research reported above was sufficient to develop a history of the previous uses of the Property in order to help identify the likelihood of past uses having resulted in the creation of RECs in connection with the Property.

5.5 Historical Use Information on the Adjoining Sites

An attempt was made to assess the historical uses of adjoining sites by reviewing records referenced in Section 5.4. No adjoining sites of concern (suspect RECs) were identified in the course of researching the Property itself.

6.0 SITE RECONNAISSANCE

The site reconnaissance was conducted to identify evidence of the presence of suspect RECs in connection with the Property. Descriptions of the current Property use and conditions, including the use, storage, and/or treatment of hazardous substances and/or petroleum products and the generation, storage/accumulation, and/or disposal of chemical, petroleum or other contaminated wastes are presented in the following sections.

6.1 Methodology and Limitations

On July 23, 2010, Ms. Rhonda F. Miller, CHMM and Mr. Paul D. Roberts of SME conducted a reconnaissance of the Property and observed Property conditions and features in an effort to identify RECs in connection with the Property. SME was accompanied by Mr. Ben Kraft, with the Washtenaw County Treasurer's Office, during the reconnaissance. SME walked around and through the buildings and then traversed the Property exterior. Photographs taken during the reconnaissance, which illustrate observed Property conditions and surrounding areas, are contained in Appendix B. SME encountered the following limitations during the reconnaissance: heavy vegetation on the southern portion of the Property, dry good storage in the warehouse portion of the manufacturing building, and lack of lighting in the manufacturing building.

6.2 General Property Setting

The Property was developed with two vacant buildings. The remainder of the Property was developed with paved parking and landscaped areas. The Property was located in a rural setting.

6.3 Exterior Observations

The two buildings, one manufacturing building and one storage building, were situated on the north side of the Property, along Plymouth Road. Heavily vegetated covered the southern portion of the Property. During the Property reconnaissance, SME observed no evidence of stained soils or pavements, or areas of stressed vegetation.

6.3.1 Chemical Use and Storage

SME observed no exterior use and/or storage of chemicals.

6.3.2 USTs/ASTs

SME observed a fill port and broken black top material on the north side of the manufacturing building. The potential for environmental impact associated with the possible presence of a UST represents a suspect REC in connection with the Property.

SME observed no other exterior evidence of USTs or ASTs.

6.3.3 PCB Containing Equipment

SME observed no exterior evidence of equipment containing polychlorinated biphenyl (PCB).

6.3.4 Pits, Ponds, and Lagoons

SME observed no visual evidence of pits, ponds, or lagoons.

6.3.5 Waste Generation, Treatment, Storage, and Disposal

SME observed no exterior visual evidence of the generation, treatment, storage, or disposal of liquid or solid wastes.

6.3.6 Other Exterior Features

SME observed numerous soil piles south of the manufacturing building, in the central portion of the Property. SME also observed what appeared to be a rusted dust collection system mounted on the exterior south wall, near the southwest corner of the building. In addition, SME observed debris in the mostly dry creek bed at the south Property boundary. The potential for environmental impact from unreported and/or undetected releases of hazardous substances and/or petroleum products 1) associated with the unknown source of the soil piles, and 2) from the dust collection system and dumping of materials into the creek bed represent a suspect REC in connection with the Property.

6.4 Interior Observations

The buildings were unoccupied at the time of SME's reconnaissance. The storage building was in a severe state of disrepair; sections of the roof had caved in and some windows and doors were missing.

SME observed a chair, electrical cord, and personal belongings indicative of a homeless person's living quarters in the southeast corner of the manufacturing building.

6.4.1 Chemical Use and Storage

SME observed no use and/or storage of chemicals in the buildings.

6.4.2 USTs/ASTs

SME observed no evidence of USTs or ASTs in the buildings.

6.4.3 PCB Containing Equipment

SME observed no visual evidence of PCB containing equipment in the buildings.

6.4.4 Drains and Sumps

SME observed no visual evidence of drains or sumps in the buildings.

6.4.5 Waste Generation, Treatment, Storage, and Disposal

SME observed old furniture and office equipment throughout the office and warehouse sections of the manufacturing building. SME observed no other visual evidence of the generation, treatment, storage, or disposal of liquid or solid wastes, in the buildings.

6.4.6 Heating/Cooling

SME observed natural gas-fired forced-air furnaces in both buildings and overhead space heaters in the warehouse section of the manufacturing building.

6.4.7 Other Interior Features

SME observed a paint booth along the south interior wall of the manufacturing building. A stack on top of the booth vented through the roof to the atmosphere. SME also observed a parts washer in an adjoining room. SME observed no drains within the parts washer. Lack of lighting and storage of fiberglass insulation under the parts washer prevented SME from observing the floor under the parts washer.

6.5 Adjoining Sites Observations

SME observed adjoining sites from the Property boundaries and public right-of-ways for evidence of RECs. The reconnaissance did not include physically accessing the adjoining sites; therefore, SME was unable to view all portions of adjoining sites. SME identified no suspect RECs in connection with the adjoining sites. The adjoining sites are summarized in the following table:

Direction	Name Address	Activity
North	Grass and tree covered land	None observed
East	Plymouth Nursery 9900 Plymouth Road	Retail nursery sales
South	Plymouth Nursery 9900 Plymouth Road	Retail nursery sales
West	Residential structure 9780 Plymouth Road	Residential

7.0 INTERVIEWS

As part of the conduct of this Phase I ESA, SME interviewed the following pertinent individuals other than the User of this report:

- Current Property owner (or representative) – Mr. Ben Kraft, Washtenaw County Treasurer's Office
- State and/or local government officials - Ms. Anita Heath, Washtenaw County Environmental Health Department

7.1 Interviews with Owner/Site Manager/Occupant

SME interviewed Mr. Kraft during the site reconnaissance, seeking the following information:

- Whether Mr. Kraft knew of existence of environmental reports and permits; UST, AST, and underground injection system registrations; material safety data sheets; community right-to-know plans; safety and spill prevention plans; hydrogeologic reports; notices of past or current violations of environmental laws; hazardous waste generator notices or reports; geotechnical studies; risk assessments; and, recorded activity and use limitations.
- If Mr. Kraft had knowledge regarding historical use, occupants, and operations.
- Whether Mr. Kraft knew of any pending, threatened, or past litigation and/or administrative proceedings; or governmental notices regarding any possible violation of environmental laws or possible liability related to hazardous substances or petroleum products in, on, or from the Property.

Other than the information Mr. Kraft included in the User questionnaire regarding the dust collection system, he had no other knowledge related to the above issues

7.2 Interviews with Local Government Officials

SME interviewed Ms. Heath and asked whether she had any environmental concerns associated with the Property and surrounding area. Ms. Heath indicated she was not aware of environmentally related incidents having occurred on the Property.

7.3 Interviews with Others

No other interviews were performed as part of this Phase I ESA.

8.0 FINDINGS AND OPINIONS

SME has completed a Phase I ESA of the Property located at 9800 Plymouth-Ann Arbor Road in Plymouth (Superior Township), Washtenaw County, Michigan. At the time of SME's reconnaissance, the northern portion of the Property was developed with two buildings and paved and gravel parking areas. The remainder of the Property was comprised of heavily vegetated land. Data failures, data gaps, and limitations identified during this Phase I ESA are discussed below.

Based on the results of the Phase I ESA, in SME's opinion, the following suspect RECs were identified in connection with the Property:

- Five soil samples and two groundwater samples were collected during subsurface assessment activities in 2005 (Section 5.2.4). Based on analytical results reported in the subsequent 2005 BEA, the Property meets the definition of a "facility" based on the following reported analytical results:
 - Groundwater surface water interface criteria for selenium in two soil samples.
 - Direct contact criteria for arsenic in four soil samples.
 - Drinking water criteria for lead in one groundwater sample.

In SME's opinion, the Property's status as a "facility," as a result of the known contamination, represents a REC in connection with the Property.

- The Property was developed as an orchard from at least 1937 until sometime prior to 1955 (Section 5.4.2). Based on environmental industry documentation and SME's experience, the historical use of herbicides, fungicides, pesticides, and specifically insecticides on orchards, can result in metals contamination including but not limited to arsenic, copper, lead, and mercury. Therefore, in SME's opinion, the historical Property use as an orchard represents a REC in connection with the Property.
- Two buildings, constructed in 1955, were historically occupied by numerous owners (Section 5.4.2). Historical operations are unknown; however, SME observed a dust collection system, paint booth, and parts washer during the site reconnaissance (Sections 6.3.6 and 6.4.7). In addition, a septic field has been situated on the Property since construction of the buildings (Section 5.4.2). According to Township records, the Property is not currently, nor previously, connected to municipal sewer services. Furthermore, SME observed numerous piles in the central portion of the Property (Section 6.3.6), as well as scattered debris in the mostly dry creek bed along the south Property boundary. In SME's opinion, the potential for environmental impact from unreported and/or undetected releases of hazardous substances and/or petroleum products associated with 1) unknown historical uses, 2) use of a dust collection

system, paint booth, and parts washer, 3) use of a septic field, 4) soil piles in the central portion of the Property, and 5) debris in the creek bed represents a REC in connection with the Property.

- SME observed a vent pipe and broken black top paving material on the north exterior wall of the manufacturing building (Section 6.3.2). In SME's opinion, the potential for environmental impact from unreported and/or undetected releases of hazardous substances and/or petroleum products associated with the potential historical use and current presence of a UST represents a REC in connection with the Property.

SME identified the unknown first developed use of the Property as a data gap in connection with this Phase I ESA. Based on review of record sources documented in this report, in SME's opinion the first developed use was likely as an orchard; therefore, this data gap did not impair our ability to identify RECs in connection with the Property.

SME encountered the following limitations during the reconnaissance: heavy vegetation on the southern portion of the Property, dry good storage in the warehouse portion of the manufacturing building, and lack of lighting in the manufacturing building. Based on review of record sources documented in this report and SME's observations, the limitations did not impair our ability to identify RECs in connection with the Property.

9.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of 9800 Plymouth-Ann Arbor Road, the property. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- The Property's status as a "facility," as a result of known arsenic, lead, and selenium contamination (Section 5.2.4).
- The historical Property use as an orchard and the potential for contamination including but not limited to arsenic, copper, lead, and mercury from associated uses of herbicides, fungicides, pesticides, and specifically insecticides (Section 5.4.2).
- The potential for environmental impact from unreported and/or undetected releases of hazardous substances and/or petroleum products associated with the following:
 - The historical Property use as an orchard and the potential for contamination including but not limited to arsenic, copper, lead, and mercury from associated uses of herbicides, fungicides, pesticides, and specifically insecticides (Section 5.4.2).
 - Unknown historical uses of the Property since 1955 by numerous former owners (Section 5.4.2).
 - Historical use of a dust collection system, paint booth, and parts washer (Sections 6.3.6 and 6.4.7).
 - Use of a septic field (Section 5.4.2).
 - Soil piles in the central portion of the Property (Section 6.3.6).
 - Debris in the creek bed at the south Property boundary (Section 6.3.6).
 - Potential for historical use and current presence of a UST on the north side of the manufacturing building (Section 6.3.2).

In SME's opinion no data gap or limitation was identified in the course of this Phase I ESA that would impair the identification of RECs in connection with the Property.

10.0 DEVIATIONS

No deviations occurred as part of this Phase I ESA.

11.0 ADDITIONAL SERVICES

No additional services were provided in conjunction with this Phase I ESA.

12.0 REFERENCES

ASTM International, **Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process**, November 1, 2005.

13.0 GENERAL COMMENTS


SME conducted this Phase I ESA to identify RECs in connection with the Property and to assess the relative significance of the identified RECs. The findings, opinions, conclusions, and recommendations presented in this report are based upon observations noted during the site visit, and information obtained during the performance of the scope of services on the dates indicated. In the process of obtaining the field and historical information in preparation of this report, procedures were followed that represent reasonable and accepted environmental practices and principles, in a manner consistent with that level of care and skill ordinarily exercised by members of these professions currently practicing under similar conditions. Records reviewed at various locations as identified within the text of this report, include only those records that were provided to SME by the referenced department on the date indicated. As such, the records provided to SME may not represent all records available at a given source. Appropriate inquiry was made into the past uses of the Property consistent with good commercial or customary practice. As is typical with Phase I ESAs, SME conducted no testing or subsurface evaluation for this assessment.

Due to unknown or latent conditions on the Property, or on adjacent or nearby properties, which may become evident in the future, SME does not represent the Property is free of contamination or hazardous waste material. It should also be noted the Property conditions may change over time. Should additional surface, subsurface, chemical, or other data become available after the date of issue of this report, the findings, conclusions and recommendations contained in this report may have to be modified. SME should be retained to review the new information and adjust our opinion and recommendations accordingly.

All reports, field data, field notes, laboratory test data, calculations, estimates and other documents prepared by SME as instruments of service are the property of SME. No parties other than those specifically identified in this report may rely upon SME's opinions, conclusions or reports unless SME has agreed to such reliance in writing. In any event, any reliance will be subject to the terms and conditions set forth in SME's General Conditions (01/09).

SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

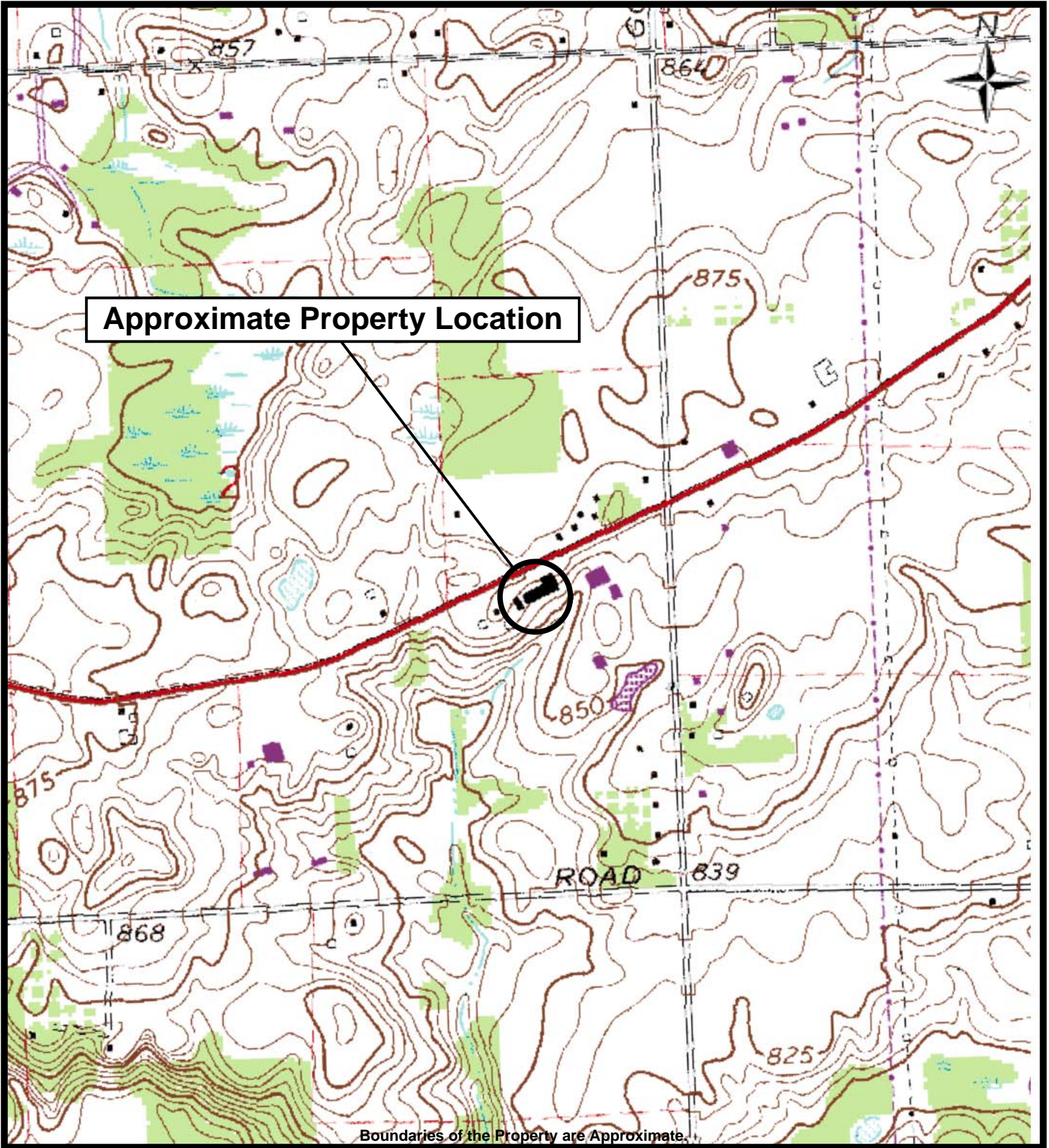
I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the Practices and practices set forth in 40 CFR Part 312.



Rhonda F. Miller, CHMM
Project Consultant

APPENDIX A

FIGURES

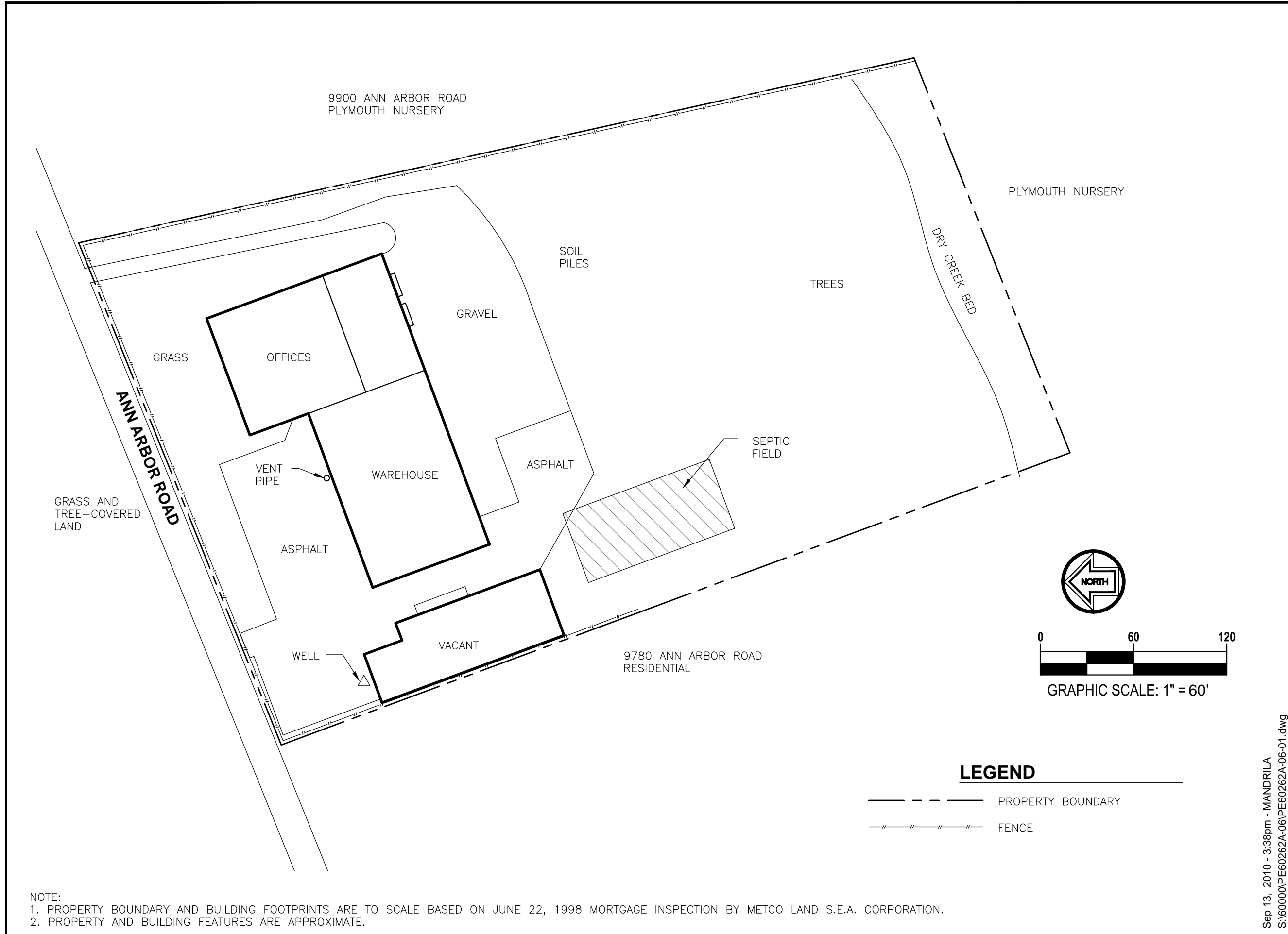


Property Location Map

**9800 Plymouth-Ann Arbor Road
Plymouth (Superior Township), MI 48170**

**PREPARED FOR: Washtenaw County
PROJ. MGR: DRC
DRAWN BY: RFM**

**DATE: 07/15/2010
PROJ. #: PE60262A-06**



NOTE:
 1. PROPERTY BOUNDARY AND BUILDING FOOTPRINTS ARE TO SCALE BASED ON JUNE 22, 1998 MORTGAGE INSPECTION BY METCO LAND S.E.A. CORPORATION.
 2. PROPERTY AND BUILDING FEATURES ARE APPROXIMATE.

No.	Revision Date

PROPERTY FEATURES DIAGRAM
9800 PLYMOUTH ROAD
PLYMOUTH (SUPERIOR TOWNSHIP), MICHIGAN

Date	09-13-09
Drawn By	GM
Designed By	RFM
Scale	1" = 60'
Project	PE 60262A-06

- plymouth
- bay city
- grand rapids
- indianapolis
- kalamazoo
- lansing
- shelby twp.
- toledo
- traverse city



Sep 13, 2010 - 3:38pm - MANDRILA
 S:\60000\PE60262A-06\PE60262A-06-01.dwg

Figure No. 2

APPENDIX B
PHOTOGRAPHS



PHOTO NO. 1: Southeast entrance (office area) of the manufacturing building.



PHOTO NO. 2: Front of manufacturing building, along Plymouth Road.

SME Project Number:	PE60262A-06
Photograph by:	Rhonda F. Miller
Date:	July 23, 2010
Project:	9800 Plymouth Road
Location:	Plymouth(Superior Township), Michigan



PHOTO NO. 3: Rear of the manufacturing building.



PHOTO NO. 4: Vent pipe and broken black top at north side of manufacturing.

SME Project Number:	PE60262A-06
Photograph by:	Rhonda F. Miller
Date:	July 23, 2010
Project:	9800 Plymouth Road
Location:	Plymouth(Superior Township), Michigan



PHOTO NO. 5: Loading dock near southeast corner of manufacturing building.



PHOTO NO. 6: Dust collection system at southwest corner of manufacturing building.

SME Project Number:	PE60262A-06
Photograph by:	Rhonda F. Miller
Date:	July 23, 2010
Project:	9800 Plymouth Road
Location:	Plymouth(Superior Township), Michigan



PHOTO NO. 7: Paint booth in manufacturing building.



PHOTO NO. 8: Parts washer in manufacturing building.

SME Project Number:	PE60262A-06
Photograph by:	Rhonda F. Miller
Date:	July 23, 2010
Project:	9800 Plymouth Road
Location:	Plymouth(Superior Township), Michigan



PHOTO NO. 9: Dry goods storage in manufacturing building.



PHOTO NO. 10: North interior of storage building.

SME Project Number:	PE60262A-06
Photograph by:	Rhonda F. Miller
Date:	July 23, 2010
Project:	9800 Plymouth Road
Location:	Plymouth(Superior Township), Michigan



PHOTO NO. 11: East interior of storage building.



PHOTO NO. 12: Example of soil piles in central portion of Property.

SME Project Number:	PE60262A-06
Photograph by:	Rhonda F. Miller
Date:	July 23, 2010
Project:	9800 Plymouth Road
Location:	Plymouth(Superior Township), Michigan



PHOTO NO. 13: Debris in creek bed along south Property boundary.

SME Project Number:	PE60262A-06
Photograph by:	Rhonda F. Miller
Date:	July 23, 2010
Project:	9800 Plymouth Road
Location:	Plymouth(Superior Township), Michigan

APPENDIX C
HISTORICAL RESEARCH DOCUMENTATION

General Property Information[\[Back to Non-Printer Friendly Version\]](#) [\[Send To Printer\]](#)

Parcel: J -10-02-400-014

Property Address[\[collapse\]](#)9800 PLYMOUTH-ANN ARBOR RD
PLYMOUTH, MI 48170**Owner Information**[\[collapse\]](#)GLAS INVESTMENTS LLC
9800 W ANN ARBOR RD
PLYMOUTH, MI 48170**Unit:** J**Taxpayer Information**[\[collapse\]](#)

SEE OWNER INFORMATION

General Information for Tax Year 2010[\[collapse\]](#)

Property Class:	201	Assessed Value:	\$246,400
School District:	82100 - PLYMOUTH WCC	Taxable Value:	\$246,400
State Equalized Value:	\$246,400	Map #	J-1
USER 1	0	Date of Last Name Chg:	01/25/2006

Date Filed:

Principal Residence Exemption (2010 May 1): 0.0000 %

Principal Residence Exemption (2010 Final): 0.0000 %

Previous Year Info	MBOR Assessed	Final S.E.V.	Final Taxable
2009	\$312,200	\$312,200	\$312,200
2008	\$312,200	\$312,200	\$311,810

Land Information[\[collapse\]](#)

Acreage:	3.82	Frontage:	0.00 Ft.
Zoning Code:	O-1	Depth:	0.00 Ft.
Land Value:	\$145,000	Mortgage Code:	
Land Improvements:	\$0	Lot Dimensions/Comments:	N/A
Renaissance Zone:	NO		

Legal Information for J -10-02-400-014[\[collapse\]](#)

*OLD SID - J 10-002-053-00 SU 2-12G-1 COM AT E 1/4 POST OF SEC, THS 1 DEG 05' E 338.42 FT IN E LINE OF SEC, TH S 66 DEG 09' W 732.70 FT IN CENT OF HWY FOR PL OF BEG, TH S 14 DEG 06'E 550.29 FT, TH S 66 DEG 09'W 266.27 FT, TH N 22 DEG 40' W 542.46 FT, TH N 66DEG 09' E 348.26 FT IN CENT OF HWY TO THE PL OF BEG, BEING PART OF E 1/2 OF SE 1/4 SEC 2 T2S-R7E 3.82 AC.

Sales Information

5 sale record(s) found.

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms Of Sale	Liber/Page
04/22/2005	\$645,000.00	WD	SUPERIOR ARBOR LLC	GLAS INVESTMENTS LLC	ARMS-LENGTH	4480/342

12/30/2003	\$0.00	CD	BANK ONE	SUPERIOR ARBOR LLC	UNDISCLOSED	4405/191
09/13/2001	\$760,667.00	SD	ANN ROAD 9800 LLC	BANK ONE	MORTGAGE SALE	4055/961
07/15/1998	\$388,000.00	WD	HZR ASSOCIATES	ANNROAD 9800, LLC	ARMS-LENGTH	3745-0541
01/04/1998	\$0.00	QC	RESZKA	RESZKA LLEWELLYN	RELATED SALE	3605-0233

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[Privacy Policy](#)

Building Information

[Back to Non-Printer Friendly Version] [Send To Printer]

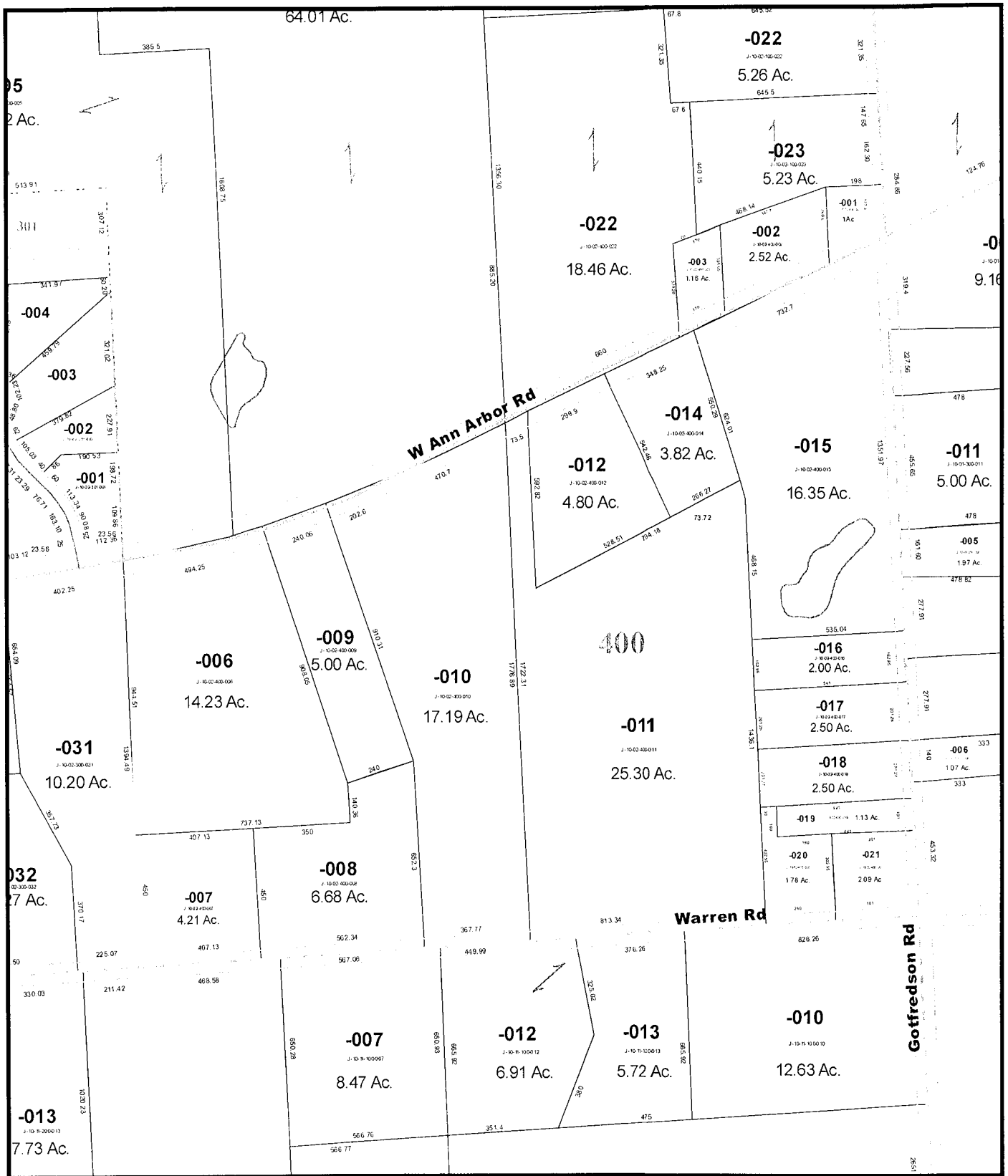
Parcel: J -10-02-400-014

2 building(s) found.

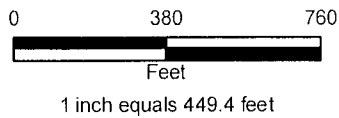
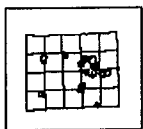
Description ↑	Floor Area	Yr Built	Est. TCV
[-] Agricultural Building 1 - <i>Equipment Shop</i>	2400 Sq. Ft.	0	\$8,020
General Information			
Floor Area:	2400 Sq. Ft.	Estimated TCV:	\$8,020
Perimeter:	220 Ft.	Height:	0 Ft.
Type:	Equipment Shop	Class:	S
Year Built:	0	Quality:	Low Cost
Percent Complete:	100%	Heat:	No Heating/Cooling
Physical Percent Good:	47%	Functional Percent Good:	100%
Economic Percent Good:	70%	Effective Age:	33 yrs.
[-] Commercial/Industrial Building 1 - <i>Industrial, Light Manufacturing</i>	19200 Sq. Ft.	1950	\$339,817
General Information			
Floor Area:	19200 Sq. Ft.	Estimated TCV:	\$339,817
Occupancy:	Industrial, Light Manufacturing	Class:	C
Stories Above Ground:	1	Average Story Height:	10
Basement Wall Height:	N/A	Year Remodeled:	1989
Year Built:	1950	Heat:	Space Heaters, Radiant
Percent Complete:	100%	Functional Percent Good:	100%
Physical Percent Good:	65%	Effective Age:	28 yrs.
Economic Percent Good:	90%		

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[Privacy Policy](#)



Location Map



GIS Map Print



The information contained in this cadastral map is used to locate, identify and inventory parcels of land in Washtenaw County for appraisal and taxing purposes only and is not to be construed as a "survey description". The information is provided with the understanding that the conclusions drawn from such information are solely the responsibility of the user. Any assumption of legal status of this data is hereby disclaimed.

NOTE: PARCELS MAY NOT BE TO SCALE

THIS MAP REPRESENTS PARCELS AT THE TIME OF PRINTING. THE OFFICIAL PARCEL TAX MAPS ARE MAINTAINED SOLELY BY THE WASHTENAW COUNTY EQUALIZATION DEPARTMENT AND CAN BE OBTAINED BY CONTACTING THAT OFFICE AT 734-222-6662.

Date Printed: 08/10/2007

ASSESSMENT RECORD

CODE **81-10-02-400-014**

STREET ADDRESS **9800 PLYMOUTH RD.**

OWNERSHIP	DATE	I.R.S. or Sales Price
SUPERIOR WAREHOUSE CORP.	1-26-66	\$1.00
M.F. HENNELLS Co. Inc.	1-10-72	\$133,000
ELROY MERCHANTS	4-12-77	\$165,000
CHARLES H. STONE	7-26-77	\$200,000
HERBERT ETAL	4-77	48923
MERCHANTS AUTO MANTIC PRODUCTS		
ZAFARANA & RESZKA WD MTA	7/1-C	2800000
	3187	

ANNRIP 9800 PLYMOUTH RD. S.A. 4053/961
 SUPERIOR ARBOR CO. 9-13-01 640,667
 GLAS BARRINGTONS PTA 4490 5-9-02
 4-22-05 645,000

David N. Sheeran, C.P.A.
 Controller
 PH 313.453.1184
 FX 313.453.3604

9800 ann arbor road | plymouth mi 48170

CHARTERED TOWNSHIP OF SUPERIOR

365,000 TCN Send PP Statement

DESCRIPTION

I-2 BI
PROGRAMMED PRODUCTS
 J 10-02-400-014 016-PLYM BI BI I
 PROGRAMMED PRODUCTS CORP
 9800 ANN ARBOR RD
 PLYMOUTH MI 48170
 #OLD SID - J 10-002-053-00
 SU 2-126-1
 COM AT E 1/4 POST OF SEC, TH
 S 1 DEG 05' E 338.42 FT IN
 E LINE OF SEC, TH S 66 DEG
 09' W 732.70 FT IN CENT OF
 HWY FOR PL OF BEG, TH S 14
 DEG 06' E 550.27 FT, TH S 66

DEG 09' W 266.27 FT, TH N 22
 DEG 40' W 542.46 FT, TH N 66
 DEG 09' E 348.26 FT, IN CENT
 OF HWY TO THE PL OF BEG, SE
 BEING PART OF E 1/2 OF SE
 1/4
 SEC 2 T2S-R7E 3.82 AC.

LAND VALUE COMPUTATIONS

Frontage	Depth	Depth Factor	Influence Factor	Equiv Frontage or Area	Rate	Total
348.20	575			3.82A		
	575			- .40		
				3.42		
			348 F X	250		

TOPOGRAPHY

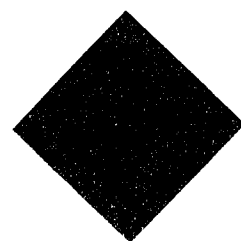
Level	Water	Sanitary	Storm S	Gas	Electric	Curb & Sidewalk	Concrete	Dirt St	Sidewalk
High									
Low									
Rolling									
Rocky									
Swampy									
Wooded									
Landscaped									
well + water fencing									

CORRELATION OF APPROACH

AV-Cost	TV-Income
Land 2008 312,200	311,810
Improvements 362,200	312,200
2010 5246,400	246,400

ASSESSMENT SUMMARY

Year	Reason for Assmt. Change	Land	Buildings	Total	Brd. of Review or Tax Trib.
94	Land Value Adj			190,100	
92				190,100	
93	96-93 +4300		STIP	194,400	175,000
94	19,400 E, +1700 MS			176,700	STIP 1/194
95	+ 1200 MS			187,900	189,900
96	+ 1300 MS			190,200	
97	+ 7600 MS			197,800	
98				196,760	205,700
99	was capped			191,400	191,400
2000				193,500	193,500
2001				193,500	193,500
TOTAL					TV
Total Land					209,173
Total Improvements					299,200
Total Land & Improvements					299,200
2003					299,200
2004					299,200
2005					299,200



PROGRAMMED PRODUCTS



9800 Plymouth-Ann Arbor

9800 Plymouth-Ann Arbor
Plymouth, MI 48170

Inquiry Number: 2816854.4
July 20, 2010

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 July 20, 2010

Target Property:

9800 Plymouth-Ann Arbor

Plymouth, MI 48170

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1937	Aerial Photograph. Scale: 1"=500'	Flight Year: 1937	AAA
1940	Aerial Photograph. Scale: 1"=500'	Flight Year: 1940	AAA
1949	Aerial Photograph. Scale: 1"=500'	Flight Year: 1949	Detroit Edison
1955	Aerial Photograph. Scale: 1"=500'	Flight Year: 1955	CSS
1963	Aerial Photograph. Scale: 1"=500'	Flight Year: 1963	ASCS
1969	Aerial Photograph. Scale: 1"=500'	Flight Year: 1969	ASCS
1978	Aerial Photograph. Scale: 1"=600'	Flight Year: 1978	ASCS
1985	Aerial Photograph. Scale: 1"=500'	Flight Year: 1985	SEMCOG
1993	Aerial Photograph. Scale: 1"=600'	Flight Year: 1993	NAPP
2000	Aerial Photograph. Scale: 1"=500'	Flight Year: 2000	SEMCOG
2005	Aerial Photograph. Scale: 1"=604'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=604'	Flight Year: 2006	EDR



2

INQUIRY #: 2816854.4

YEAR: 1937

| = 500'





INQUIRY #: 2816854.4

YEAR: 1940

| = 500'





INQUIRY #: 2816854.4

YEAR: 1949

| = 500'





INQUIRY #: 2816854.4

YEAR: 1955

|—————| = 500'





INQUIRY #: 2816854.4

YEAR: 1963

|—————| = 500'





INQUIRY #: 2816854.4

YEAR: 1969

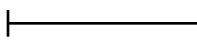
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YEAR: 1978

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INQUIRY #: 2816854.4

YEAR: 1985

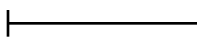
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YEAR: 1993

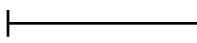
 = 600'





INQUIRY #: 2816854.4

YEAR: 2000

 = 500'





INQUIRY #: 2816854.4

YEAR: 2005

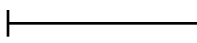
| = 604'





INQUIRY #: 2816854.4

YEAR: 2006

 = 604'





9800 Plymouth-Ann Arbor

9800 Plymouth-Ann Arbor
Plymouth, MI 48170

Inquiry Number: 2816854.3

July 14, 2010

Certified Sanborn® Map Report

Certified Sanborn® Map Report

7/14/10

Site Name:

9800 Plymouth-Ann Arbor
9800 Plymouth-Ann Arbor
Plymouth, MI 48170

Client Name:

Soil & Materials Engineers
43980 Plymouth Oaks
Plymouth, MI 48170

EDR Inquiry # 2816854.3

Contact: Rhonda Miller



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Soil & Materials Engineers 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: 9800 Plymouth-Ann Arbor
Address: 9800 Plymouth-Ann Arbor
City, State, Zip: Plymouth, MI 48170
Cross Street:
P.O. # NA
Project: NA
Certification # 2AD9-4A5C-9761



Sanborn® Library search results
Certification # 2AD9-4A5C-9761

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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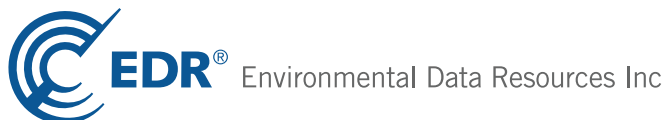
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APPENDIX D
REGULATORY RECORDS DOCUMENTATION

9800 Plymouth-Ann Arbor
9800 Plymouth-Ann Arbor
Plymouth, MI 48170

Inquiry Number: 2816854.2s
July 15, 2010

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

9800 PLYMOUTH-ANN ARBOR
PLYMOUTH, MI 48170

COORDINATES

Latitude (North): 42.339900 - 42° 20' 23.6"
Longitude (West): 83.570500 - 83° 34' 13.8"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 288241.4
UTM Y (Meters): 4690502.5
Elevation: 866 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42083-C5 DENTON, MI
Most Recent Revision: 1980

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2006, 2005
Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
9800 ANN ARBOR RD W 9800 ANN ARBOR RD W WASHTENAW (County), MI 48170	BEA	N/A
PROGRAMMED PRODUCTS CORP 9800 ANN ARBOR RD W PLYMOUTH, MI 48170	RCRA-NonGen FINDS	MI0000888651

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

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 - equivalent CERCLIS

SHWS..... Contaminated Sites

EXECUTIVE SUMMARY

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

SWF/LF..... Solid Waste Facilities Database

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

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

State and tribal institutional control / engineering control registries

AUL..... Engineering and Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields and UST Site Database

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
HIST LF..... Inactive Solid Waste 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..... Delisted List of Contaminated Sites
CDL..... Clandestine Drug Lab Listing
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System
LIENS..... Lien List

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

EXECUTIVE SUMMARY

SPILLS..... Pollution Emergency Alerting System

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
UIC..... Underground Injection Wells Database
DRYCLEANERS..... Drycleaning Establishments
NPDES..... List of Active NPDES Permits
AIRS..... Permit and Emissions Inventory Data
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
COAL ASH..... Coal Ash Disposal Sites
COAL ASH DOE..... Sleam-Electric Plan Operation Data
FINANCIAL ASSURANCE..... Financial Assurance Information Listing

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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

State and tribal registered storage tank lists

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Natural Resources' Michigan AST database.

A review of the AST list, as provided by EDR, and dated 02/05/2010 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

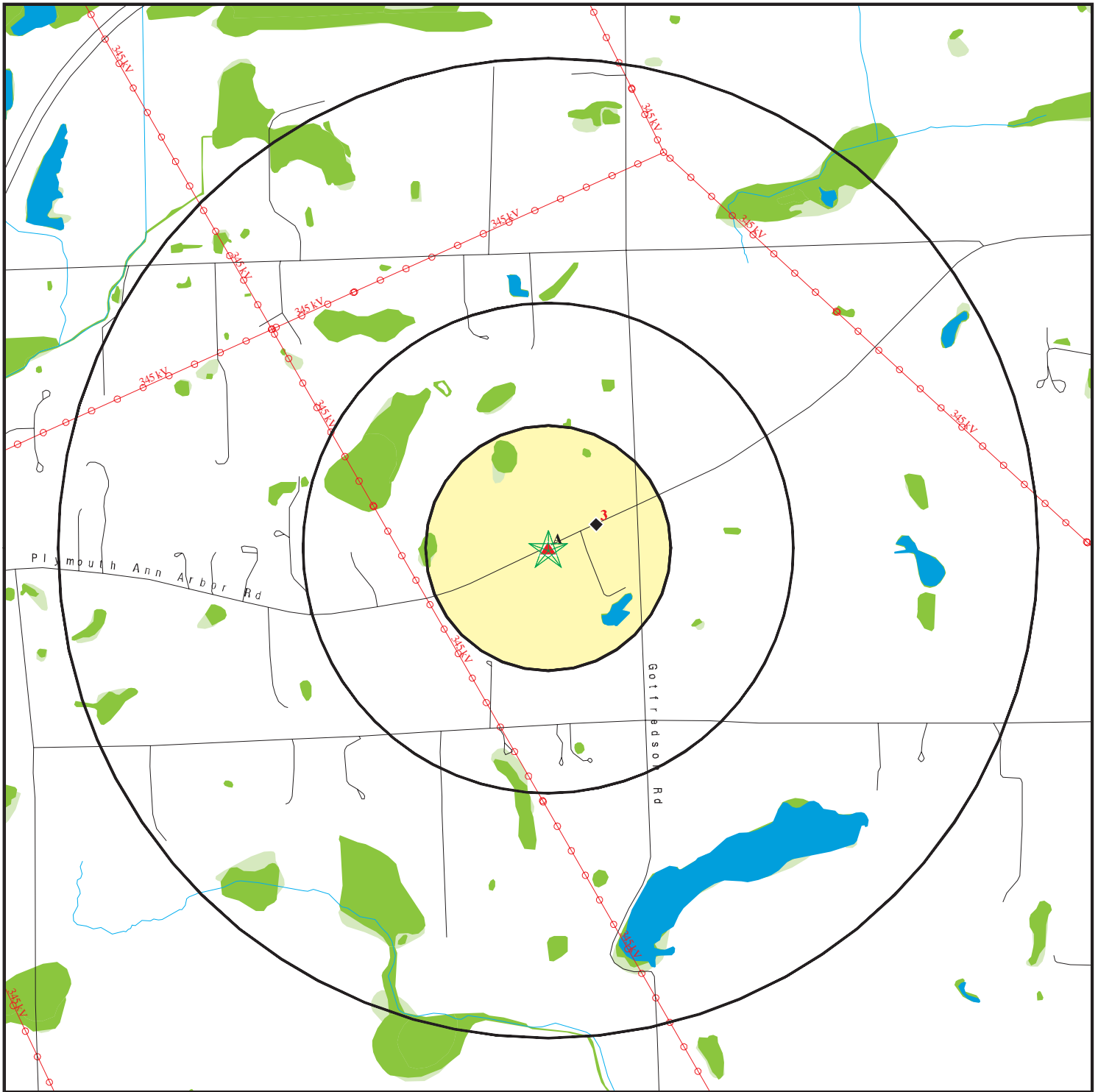
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PLYMOUTH NURSERY	9900 PLYMOUTH RD	ENE 0 - 1/8 (0.109 mi.)	3	9

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
UNISYS BURROUGHS LANDFILL	AUL
WESTERN WAYNE CORRECTIONAL FAC	SHWS
BUCKEYE PIPELINE COMPANY	SHWS
HINES & PLYMOUTH ROAD DUMP	SHWS
UNISYS BURROUGHS LANDFILL	SHWS
WILLOW RUN	SHWS, SPILLS
3.99 ACRE SITE	BEA

OVERVIEW MAP - 2816854.2s



- ★ 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

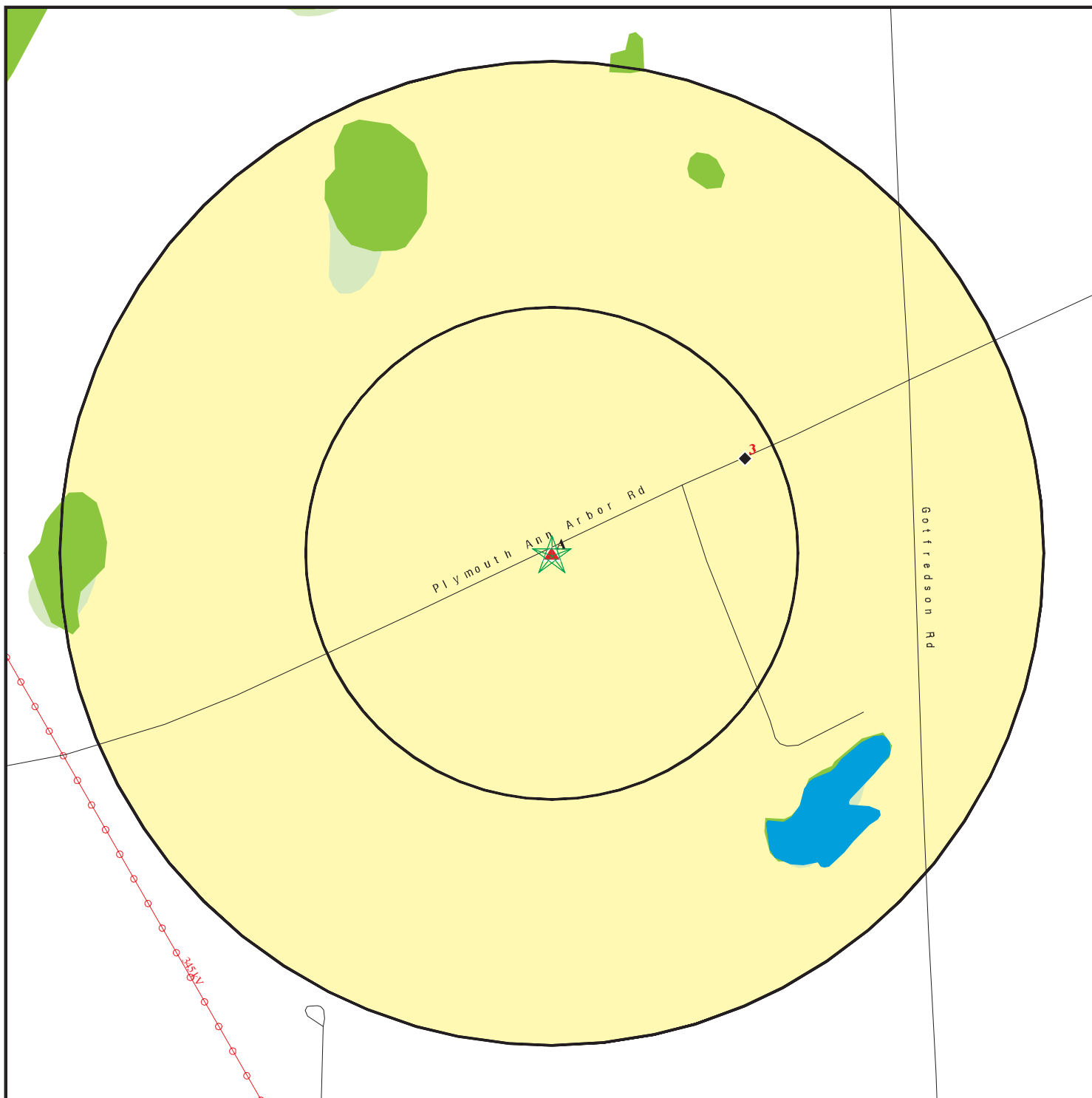
- 0 1/4 1/2 1 Miles
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- National Wetland Inventory
- State Wetlands

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: 9800 Plymouth-Ann Arbor
 ADDRESS: 9800 Plymouth-Ann Arbor
 Plymouth MI 48170
 LAT/LONG: 42.3399 / 83.5705

CLIENT: Soil & Materials Engineers
 CONTACT: Rhonda Miller
 INQUIRY #: 2816854.2s
 DATE: July 15, 2010 2:15 pm

DETAIL MAP - 2816854.2s



- ★ 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
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- National Wetland Inventory
- State Wetlands



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: 9800 Plymouth-Ann Arbor
 ADDRESS: 9800 Plymouth-Ann Arbor
 Plymouth MI 48170
 LAT/LONG: 42.3399 / 83.5705

CLIENT: Soil & Materials Engineers
 CONTACT: Rhonda Miller
 INQUIRY #: 2816854.2s
 DATE: July 15, 2010 2:16 pm

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	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<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	0	0	NR	0
<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	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST		0.250	0	0	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
AST		0.250	1	0	NR	NR	NR	1
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								
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
HIST LF		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
CDL		TP	NR	NR	NR	NR	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
LIENS		TP	NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	X	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

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
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
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	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
BEA	X	0.500	0	0	0	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 EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
-------------------------	--	-------	---	---	---	---	----	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target 9800 ANN ARBOR RD W
Property WASHTENAW (County), MI 48170

BEA S107031687
N/A

Site 1 of 2 in cluster A

Actual: 866 ft.
BEA:
Secondary Address: Not reported
BEA Number: 633
District: Jackson
Date Received: 6/16/2005 12:59:00 AM
Submitter Name: GLAS Investments LLC
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: katkov
Division Assigned: Environmental Response Division

A2
Target PROGRAMMED PRODUCTS CORP
Property 9800 ANN ARBOR RD W
PLYMOUTH, MI 48170

RCRA-NonGen 1000909378
FINDS MI0000888651

Site 2 of 2 in cluster A

Actual: 866 ft.
RCRA-NonGen:
Date form received by agency: 02/23/1995
Facility name: PROGRAMMED PRODUCTS CORP
Facility address: 9800 ANN ARBOR RD W
PLYMOUTH, MI 48170
EPA ID: MI0000888651
Contact: KEITH EWING
Contact address: 9800 ANN ARBOR RD W
PLYMOUTH, MI 48170
Contact country: Not reported
Contact telephone: (810) 348-7755
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: ZAFARANA JOHN
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported
Owner/operator name: ZAFARANA JOHN
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PROGRAMMED PRODUCTS CORP (Continued)

1000909378

Owner/Op start date: 01/01/1970
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
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: MERCURY SWITCHES
Accumulated waste on-site: No
Generated waste on-site: No

Historical Generators:

Date form received by agency: 10/12/1994
Facility name: PROGRAMMED PRODUCTS CORP
Classification: Not a generator, verified

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PROGRAMMED PRODUCTS CORP (Continued)

1000909378

FINDS:

Registry ID: 110003568951

Environmental Interest/Information System

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

3
ENE
< 1/8
0.109 mi.
576 ft.

PLYMOUTH NURSERY
9900 PLYMOUTH RD
PLYMOUTH, MI 48170

AST A100003189
N/A

Relative:
Lower

AST:

Actual:
865 ft.

Type: ACTIVE
Owner Name: Plymouth Nursery
Owner Address: 9900 PLYMOUTH RD
Owner City,St,Zip: PLYMOUTH, MI 48170
Owner County: USA
Owner Contact: Not reported
Owner Telephone: (734) 453-0155
Facility ID: 92081026
District: Jackson District Office
Contact: JEFF JONES
Facility Phone: (734) 453-5500
Tank ID: 1
Tank Status: Currently In Use
Capacity: 12400
Install Date: Mar 27 1980
Close Date: Not reported
Content: Liquid Propane Gas
Latitude: 42.3393520000
Longitude: -83.5717450000
Date of Collection: 01-11-2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Description of Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Nu

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PLYMOUTH	S107031708	3.99 ACRE SITE	NW CORNER OF PLYMOUTH AND CONC	48170	BEA
PLYMOUTH	S103594602	WESTERN WAYNE CORRECTIONAL FAC	4840 FIVE MILE RD	48170	SHWS
PLYMOUTH	S103095091	BUCKEYE PIPELINE COMPANY	HAGGERTY	48170	SHWS
PLYMOUTH	S108959574	HINES & PLYMOUTH ROAD DUMP	HINES DRIVE AND PLYMOUTH RD	48170	SHWS
PLYMOUTH	S109847052	UNISYS BURROUGHS LANDFILL	PLYMOUTH & HAGGERTY RD	48170	AUL
PLYMOUTH	S103095078	UNISYS BURROUGHS LANDFILL	PLYMOUTH & HAGGERTY ROADS	48170	SHWS
YPSILANTI	S103411770		WILLOW RUN	48198	SHWS, SPILLS

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: 03/31/2010	Source: EPA
Date Data Arrived at EDR: 04/02/2010	Telephone: N/A
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/14/2010
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/25/2010
	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: 03/31/2010	Source: EPA
Date Data Arrived at EDR: 04/02/2010	Telephone: N/A
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/14/2010
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/25/2010
	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: 05/17/2010
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/30/2010
	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: 03/31/2010	Source: EPA
Date Data Arrived at EDR: 04/02/2010	Telephone: N/A
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/14/2010
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/25/2010
	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: 01/29/2010	Source: EPA
Date Data Arrived at EDR: 02/09/2010	Telephone: 703-412-9810
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/12/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/11/2010
	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: 06/23/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 703-603-8704
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 04/30/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/26/2010
	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: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/12/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 09/13/2010
	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: 03/25/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
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: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
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: 12/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2010	Telephone: 703-603-0695
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 06/14/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/27/2010
	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: 12/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2010	Telephone: 703-603-0695
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 06/14/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/27/2010
	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: 12/31/2009	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/22/2010	Telephone: 202-267-2180
Date Made Active in Reports: 02/11/2010	Last EDR Contact: 07/09/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/18/2010
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Contaminated Sites

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: 05/03/2010	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 05/04/2010	Telephone: 517-373-9541
Date Made Active in Reports: 06/09/2010	Last EDR Contact: 05/04/2010
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/16/2010
	Data Release Frequency: Semi-Annually

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

SWF/LF: Solid Waste Facilities Database

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: 04/05/2010
Date Data Arrived at EDR: 05/28/2010
Date Made Active in Reports: 06/09/2010
Number of Days to Update: 12

Source: Department of Natural Resources & Environment
Telephone: 517-335-4035
Last EDR Contact: 07/08/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

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: 05/21/2010
Date Data Arrived at EDR: 05/25/2010
Date Made Active in Reports: 06/09/2010
Number of Days to Update: 15

Source: Department of Natural Resources & Environment
Telephone: 517-373-9837
Last EDR Contact: 05/25/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: 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: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
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: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
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: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
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: 11/04/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/04/2010	Telephone: 913-551-7003
Date Made Active in Reports: 07/07/2010	Last EDR Contact: 05/04/2010
Number of Days to Update: 64	Next Scheduled EDR Contact: 08/16/2010
	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: 02/25/2010	Source: EPA Region 8
Date Data Arrived at EDR: 02/25/2010	Telephone: 303-312-6271
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 05/03/2010
Number of Days to Update: 46	Next Scheduled EDR Contact: 08/16/2010
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List
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: 05/21/2010	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 05/25/2010	Telephone: 517-335-4035
Date Made Active in Reports: 06/15/2010	Last EDR Contact: 05/25/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/06/2010
	Data Release Frequency: Annually

AST: Aboveground Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 02/05/2010	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 03/12/2010	Telephone: 517-373-8168
Date Made Active in Reports: 04/14/2010	Last EDR Contact: 05/24/2010
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/06/2010
	Data Release Frequency: No Update Planned

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: 02/25/2010	Source: EPA Region 8
Date Data Arrived at EDR: 02/25/2010	Telephone: 303-312-6137
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 05/03/2010
Number of Days to Update: 46	Next Scheduled EDR Contact: 08/16/2010
	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: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/12/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/16/2010
	Data Release Frequency: Varies

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: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/03/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/16/2010
	Data Release Frequency: Varies

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: 02/01/2010	Source: EPA Region 9
Date Data Arrived at EDR: 03/03/2010	Telephone: 415-972-3368
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 05/03/2010
Number of Days to Update: 40	Next Scheduled EDR Contact: 08/16/2010
	Data Release Frequency: Quarterly

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: 03/10/2010	Source: EPA Region 4
Date Data Arrived at EDR: 03/16/2010	Telephone: 404-562-9424
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 05/03/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/16/2010
	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: 05/04/2010	Source: EPA Region 10
Date Data Arrived at EDR: 05/05/2010	Telephone: 206-553-2857
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 05/03/2010
Number of Days to Update: 22	Next Scheduled EDR Contact: 08/16/2010
	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: 05/03/2010	Source: EPA Region 6
Date Data Arrived at EDR: 05/05/2010	Telephone: 214-665-7591
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 05/03/2010
Number of Days to Update: 22	Next Scheduled EDR Contact: 08/16/2010
	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: 02/11/2010	Source: EPA Region 5
Date Data Arrived at EDR: 02/11/2010	Telephone: 312-886-6136
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 05/03/2010
Number of Days to Update: 60	Next Scheduled EDR Contact: 08/16/2010
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/19/2010
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/02/2010
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls

A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 03/26/2010	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 03/26/2010	Telephone: 517-373-4828
Date Made Active in Reports: 04/13/2010	Last EDR Contact: 06/07/2010
Number of Days to Update: 18	Next Scheduled EDR Contact: 09/20/2010
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/18/2010
	Data Release Frequency: Varies

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

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 06/01/2010	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 06/01/2010	Telephone: 517-373-4805
Date Made Active in Reports: 06/09/2010	Last EDR Contact: 05/17/2010
Number of Days to Update: 8	Next Scheduled EDR Contact: 08/16/2010
	Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detroit Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/09/2007	Source: Economic Development Corporation
Date Data Arrived at EDR: 04/10/2007	Telephone: 888-522-0103
Date Made Active in Reports: 05/01/2007	Last EDR Contact: 06/21/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2010
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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: 03/02/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2010	Telephone: 202-566-2777
Date Made Active in Reports: 05/17/2010	Last EDR Contact: 06/25/2010
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/11/2010
	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: 07/09/2010
Number of Days to Update: 137	Next Scheduled EDR Contact: 09/20/2010
	Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 02/28/2003	Telephone: 517-335-4034
Date Made Active in Reports: 03/06/2003	Last EDR Contact: 02/28/2003
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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: 06/08/2010
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/23/2010
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

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: 08/19/2009	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/29/2009	Telephone: 202-307-1000
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 03/08/2010
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/20/2010
	Data Release Frequency: Quarterly

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support it's listing or the site no longer meets criteria specified in rules.

Date of Government Version: 05/10/2010	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 05/11/2010	Telephone: 517-373-9541
Date Made Active in Reports: 06/09/2010	Last EDR Contact: 05/03/2010
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/16/2010
	Data Release Frequency: Varies

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008	Source: Department of Community Health
Date Data Arrived at EDR: 11/18/2008	Telephone: 517-373-3740
Date Made Active in Reports: 11/21/2008	Last EDR Contact: 04/15/2010
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/16/2010
	Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/05/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/11/2010	Telephone: 202-564-6023
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 05/03/2010
Number of Days to Update: 60	Next Scheduled EDR Contact: 08/16/2010
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/24/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/06/2010
	Data Release Frequency: Varies

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC * 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 03/30/2010	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 04/30/2010	Telephone: 517-373-9837
Date Made Active in Reports: 06/09/2010	Last EDR Contact: 04/26/2010
Number of Days to Update: 40	Next Scheduled EDR Contact: 08/09/2010
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 04/06/2010	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/07/2010	Telephone: 202-366-4555
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 07/09/2010
Number of Days to Update: 50	Next Scheduled EDR Contact: 10/18/2010
	Data Release Frequency: Annually

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 12/08/2009	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 03/12/2010	Telephone: 517-373-8427
Date Made Active in Reports: 03/23/2010	Last EDR Contact: 06/14/2010
Number of Days to Update: 11	Next Scheduled EDR Contact: 09/27/2010
	Data Release Frequency: Quarterly

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: 02/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/19/2010	Telephone: 312-886-6186
Date Made Active in Reports: 05/17/2010	Last EDR Contact: 07/09/2010
Number of Days to Update: 87	Next Scheduled EDR Contact: 10/18/2010
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/23/2010
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
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: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/16/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2010
Next Scheduled EDR Contact: 10/18/2010
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: 04/29/2010
Date Data Arrived at EDR: 05/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/16/2010
Next Scheduled EDR Contact: 09/27/2010
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: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 06/01/2010
Next Scheduled EDR Contact: 09/13/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/12/2010
Date Data Arrived at EDR: 03/10/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 68

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/09/2010
Next Scheduled EDR Contact: 09/20/2010
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: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 06/04/2010
Next Scheduled EDR Contact: 09/13/2010
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: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/07/2010
Next Scheduled EDR Contact: 10/11/2010
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
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: 06/01/2010
Next Scheduled EDR Contact: 09/13/2010
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: 06/01/2010
Next Scheduled EDR Contact: 09/13/2010
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 06/25/2010
Next Scheduled EDR Contact: 10/11/2010
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: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/22/2010
Next Scheduled EDR Contact: 08/02/2010
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: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/14/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/14/2010	Telephone: 202-343-9775
Date Made Active in Reports: 05/17/2010	Last EDR Contact: 07/14/2010
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/25/2010
	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: 07/07/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/27/2010
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

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: 12/31/2007	Source: EPA/NTIS
Date Data Arrived at EDR: 02/25/2010	Telephone: 800-424-9346
Date Made Active in Reports: 05/12/2010	Last EDR Contact: 05/25/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/06/2010
	Data Release Frequency: Biennially

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 02/02/2010	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 03/03/2010	Telephone: 517-241-1515
Date Made Active in Reports: 03/23/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/28/2010
Date Data Arrived at EDR: 05/17/2010
Date Made Active in Reports: 06/09/2010
Number of Days to Update: 23

Source: Department of Natural Resources & Environment
Telephone: 517-335-4586
Last EDR Contact: 04/23/2010
Next Scheduled EDR Contact: 08/09/2010
Data Release Frequency: Varies

NPDES: List of Active NPDES Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 04/13/2010
Date Data Arrived at EDR: 04/14/2010
Date Made Active in Reports: 06/09/2010
Number of Days to Update: 56

Source: Department of Natural Resources & Environment
Telephone: 517-241-1300
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 10/09/2009
Date Made Active in Reports: 11/17/2009
Number of Days to Update: 39

Source: Department of Natural Resources & Environment
Telephone: 517-373-7074
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/11/2010
Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Date of Government Version: 05/27/2010
Date Data Arrived at EDR: 05/28/2010
Date Made Active in Reports: 06/09/2010
Number of Days to Update: 12

Source: Department of Natural Resources & Environment
Telephone: 517-373-9541
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Semi-Annually

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: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
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: 02/10/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/10/2010
Next Scheduled EDR Contact: 08/09/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/21/2010
Number of Days to Update: 339	Next Scheduled EDR Contact: 08/02/2010
	Data Release Frequency: N/A

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 05/04/2010	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 05/06/2010	Telephone: 517-335-6610
Date Made Active in Reports: 06/09/2010	Last EDR Contact: 07/12/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/18/2010
	Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of 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: 04/05/2010	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 05/28/2010	Telephone: 517-335-4034
Date Made Active in Reports: 06/09/2010	Last EDR Contact: 07/08/2010
Number of Days to Update: 12	Next Scheduled EDR Contact: 10/18/2010
	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: 11/09/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/18/2009	Telephone: N/A
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 06/14/2010
Number of Days to Update: 54	Next Scheduled EDR Contact: 09/27/2010
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 05/14/2010
Number of Days to Update: 100	Next Scheduled EDR Contact: 08/16/2010
	Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 04/21/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/02/2010
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 04/19/2010

Date Data Arrived at EDR: 04/19/2010

Date Made Active in Reports: 06/09/2010

Number of Days to Update: 51

Source: Department of Natural Resources & Environment

Telephone: 586-753-3754

Last EDR Contact: 07/12/2010

Next Scheduled EDR Contact: 10/25/2010

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.

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: 06/04/2010

Next Scheduled EDR Contact: 09/06/2010

Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009

Date Data Arrived at EDR: 01/20/2010

Date Made Active in Reports: 02/05/2010

Number of Days to Update: 16

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/23/2010

Next Scheduled EDR Contact: 08/02/2010

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/30/2010
Date Data Arrived at EDR: 05/13/2010
Date Made Active in Reports: 06/21/2010
Number of Days to Update: 39

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/13/2010
Next Scheduled EDR Contact: 08/23/2010
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: 05/24/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 11/03/2009
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 02/22/2010
Number of Days to Update: 10

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/01/2010
Next Scheduled EDR Contact: 09/13/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 07/17/2009
Date Made Active in Reports: 08/10/2009
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/21/2010
Next Scheduled EDR Contact: 10/04/2010
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 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.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

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

9800 PLYMOUTH-ANN ARBOR
9800 PLYMOUTH-ANN ARBOR
PLYMOUTH, MI 48170

TARGET PROPERTY COORDINATES

Latitude (North):	42.33990 - 42° 20' 23.6"
Longitude (West):	83.5705 - 83° 34' 13.8"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	288241.4
UTM Y (Meters):	4690502.5
Elevation:	866 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	42083-C5 DENTON, MI
Most Recent Revision:	1980

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).

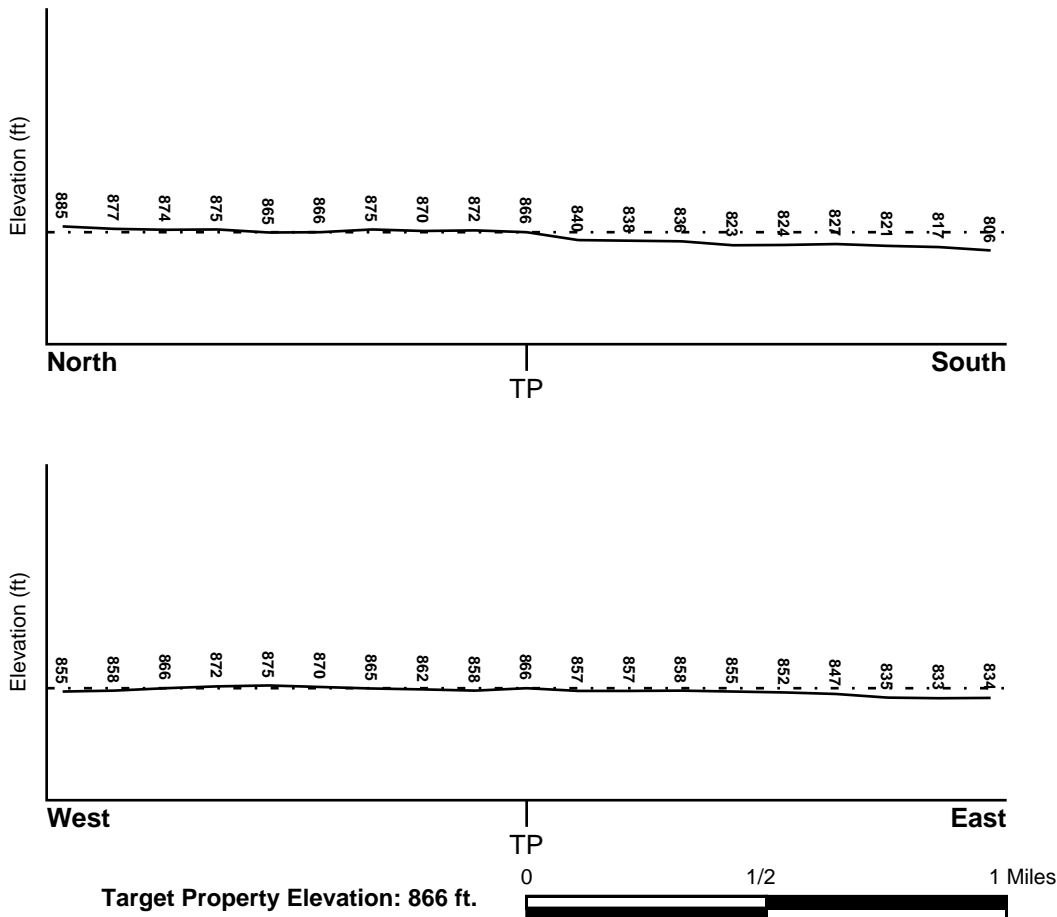
TOPOGRAPHIC INFORMATION

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 South

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>	<u>FEMA Flood Electronic Data</u>
WASHTENAW, MI	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
DENTON	YES - refer to the Overview Map and Detail Map

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.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

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>
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

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).

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: ST. CLAIR

Soil Surface Texture: clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.60 Min: 0.20	Max: 7.30 Min: 5.60
2	9 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 7.30 Min: 5.60
3	25 inches	70 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 7.40

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silty clay loam
loam
loamy sand
muck

Surficial Soil Types: silty clay loam
loam
loamy sand
muck

Shallow Soil Types: sandy loam
loamy sand

Deeper Soil Types: silty clay
silty clay loam
stratified
clay loam
muck
fine sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	MI20315713	0 - 1/8 Mile ESE
A2	MI20315714	0 - 1/8 Mile East
3	MI20315712	0 - 1/8 Mile NW
4	MI20315715	0 - 1/8 Mile ESE
B5	MI20315710	1/8 - 1/4 Mile NE
C6	MI20315692	1/8 - 1/4 Mile ESE
C7	MI20321916	1/8 - 1/4 Mile SE
C8	MI20315693	1/4 - 1/2 Mile SE
C9	MI20315691	1/4 - 1/2 Mile ESE
B10	MI20321820	1/4 - 1/2 Mile NE
11	MI20321550	1/4 - 1/2 Mile WNW
12	MI20315709	1/4 - 1/2 Mile North
D13	MI20315695	1/4 - 1/2 Mile ENE
D14	MI20315694	1/4 - 1/2 Mile ENE
E15	MI20315707	1/4 - 1/2 Mile SW
E16	MI20315706	1/4 - 1/2 Mile SW
F17	MI20315702	1/4 - 1/2 Mile NNW
F18	MI20315700	1/4 - 1/2 Mile NNW
F19	MI20315701	1/4 - 1/2 Mile NNW
20	MI20315931	1/2 - 1 Mile SSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

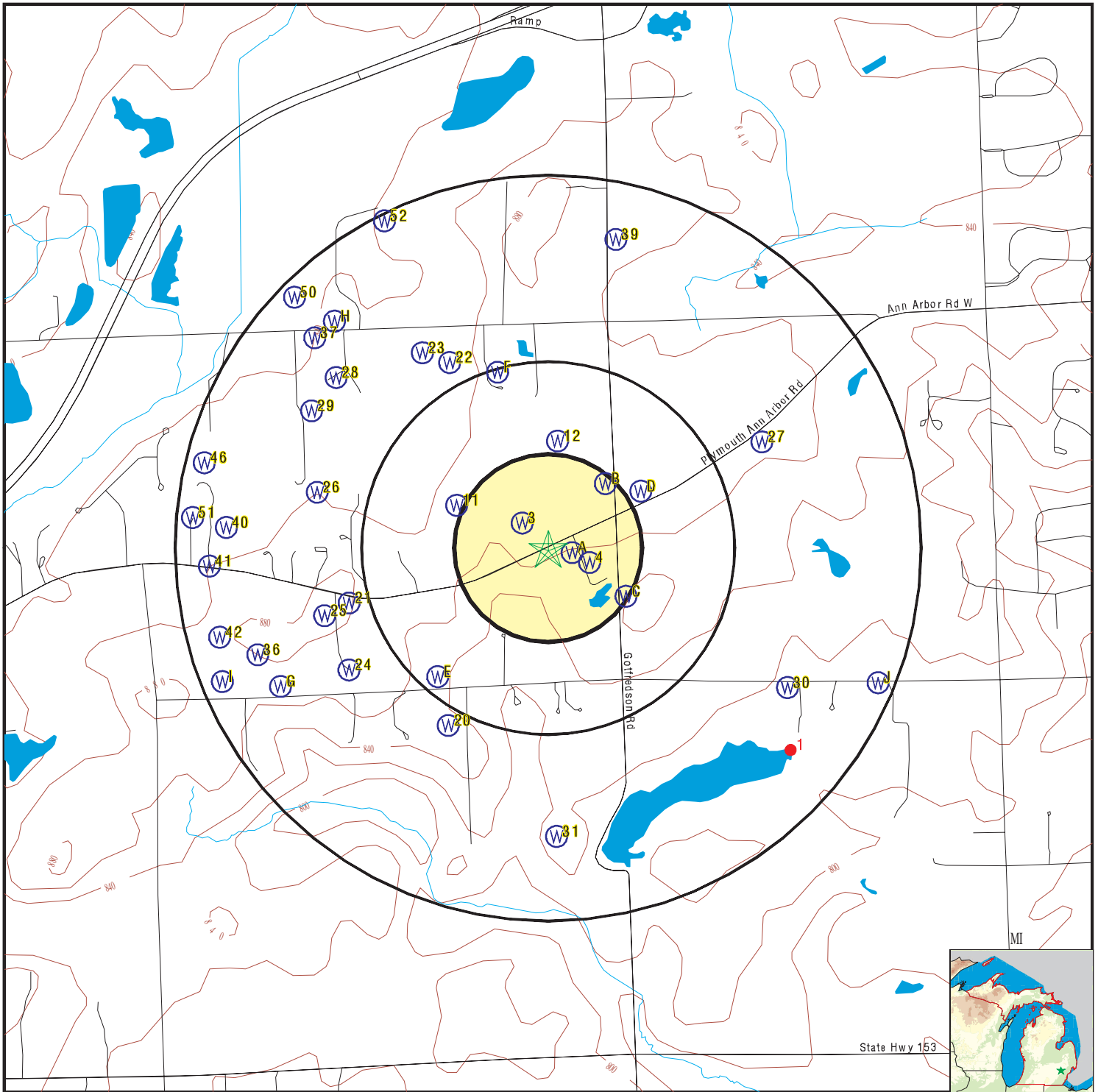
MAP ID	WELL ID	LOCATION FROM TP
21	MI20321461	1/2 - 1 Mile WSW
22	MI20315699	1/2 - 1 Mile NNW
23	MI20315698	1/2 - 1 Mile NNW
24	MI20315708	1/2 - 1 Mile WSW
25	MI20315711	1/2 - 1 Mile WSW
26	MI20315696	1/2 - 1 Mile WNW
27	MI20315672	1/2 - 1 Mile ENE
28	MI20320635	1/2 - 1 Mile NW
29	MI20315697	1/2 - 1 Mile WNW
30	MI20322187	1/2 - 1 Mile ESE
31	MI20315932	1/2 - 1 Mile South
G32	MI20315705	1/2 - 1 Mile WSW
G33	MI20322337	1/2 - 1 Mile WSW
H34	MI20313472	1/2 - 1 Mile NW
G35	MI20315704	1/2 - 1 Mile WSW
36	MI20315703	1/2 - 1 Mile WSW
37	MI20321239	1/2 - 1 Mile NW
H38	MI20313471	1/2 - 1 Mile NW
39	MI20313476	1/2 - 1 Mile NNE
40	MI20315736	1/2 - 1 Mile West
41	MI20321069	1/2 - 1 Mile West
42	MI20321899	1/2 - 1 Mile WSW
I43	MI20315719	1/2 - 1 Mile WSW
I44	MI20315718	1/2 - 1 Mile WSW
I45	MI20315720	1/2 - 1 Mile WSW
46	MI20320315	1/2 - 1 Mile WNW
I47	MI20315717	1/2 - 1 Mile WSW
J48	MI20315934	1/2 - 1 Mile ESE
J49	MI20315673	1/2 - 1 Mile ESE
50	MI20313470	1/2 - 1 Mile NW
51	MI20315735	1/2 - 1 Mile West
52	MI20323351	1/2 - 1 Mile NNW








OTHER STATE DATABASE INFORMATION






STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	MIOG50000004660	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 2816854.2s



-  County Boundary
-  Major Roads
-  Contour Lines
-  Earthquake epicenter, Richter 5 or greater
-  Water Wells
-  Public Water Supply Wells
-  Cluster of Multiple Icons

-  Groundwater Flow Direction
-  Indeterminate Groundwater Flow at Location
-  Groundwater Flow Varies at Location
-  Closest Hydrogeological Data
-  Oil, gas or related wells

SITE NAME: 9800 Plymouth-Ann Arbor ADDRESS: 9800 Plymouth-Ann Arbor Plymouth MI 48170 LAT/LONG: 42.3399 / 83.5705	CLIENT: Soil & Materials Engineers CONTACT: Rhonda Miller INQUIRY #: 2816854.2s DATE: July 15, 2010 2:16 pm
--	--

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
ESE
0 - 1/8 Mile
Lower

MI WELLS MI20315713

Wellid:	81000005119	Import id:	81727702018
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	JONES, WAYNE H.		
Well addr:	UNKNOWN		
Well depth:	194		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	111
Const date:	1969-10-14 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	194		
Screen frm:	189		
Screen to:	194		
Swl:	22		
Test depth:	150		
Test hours:	3		
Test rate:	10	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3395576074		
Longitude:	-83.5696792596		
Methd coll:	Interpolation-Map		
Elevation:	855		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	850	Elev dif:	5
Elev miv:	855	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	7
Pct aq d:	7	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	93
Pct cm d:	93	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	6	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	172	A pct aq2:	7
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	93	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	10
Pct maq 1:	0	Pct cm 1:	90
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	172		
Horiz Conduct:	3.48907		
Vert Conduct:	.0003		
T2:	600.1195		
D50plek:	184.61729		

**A2
East
0 - 1/8 Mile
Lower**

MI WELLS MI20315714

Wellid:	81000005120	Import id:	81727702019
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	PLYMOUTH NURSERY		
Well addr:	9900 PLYMOUTH RD.		
Well depth:	222		
Well type:	Public		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	Not Reported	Case type:	Unknown
Case dia:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	0		
Screen frm:	0		
Screen to:	0		
Swl:	999.99		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3398951241		
Longitude:	-83.56878466		
Methd coll:	Interpolation-Map		
Elevation:	857		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	SWL > Well Depth		
Elev dem:	859	Elev dif:	2
Elev miv:	857	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	12
Pct aq d:	12	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	19
Pct cm d:	19	Pct cm r:	0
Pct pcm:	69	Pct pcm d:	69
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	65
Pct pcm 1:	35	Pct na 1:	0
Pct aq 2:	75	Pct maq 2:	0
Pct cm 2:	25	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	60
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	40	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	100	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	100
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	100	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	33	Pct pcm 8:	67
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

**3
NW
0 - 1/8 Mile
Higher**

MI WELLS MI20315712

Wellid:	81000005118	Import id:	81727702017
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	MATTHEWS, GEORGE		
Well addr:	9775 ANN ARBOR RD.		
Well depth:	239		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1290
Const date:	1982-05-21 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	239		
Screen frm:	0		
Screen to:	0		
Swl:	70		
Test depth:	80		
Test hours:	2		
Test rate:	12	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.340873268		
Longitude:	-83.5718482424		
Methd coll:	Interpolation-Map		
Elevation:	871		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	869	Elev dif:	2
Elev miv:	871	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	5
Pct aq d:	0	Pct aq r:	86
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	94

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	100	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	1
Pct na d:	0	Pct na r:	14
Pct flag:	Not Reported	Rock top:	225
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	100	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.0001		
Vert Conduct:	.0001		
T2:	.0205		
D50plek:	.01722		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

4
ESE
0 - 1/8 Mile
Lower

MI WELLS MI20315715

Wellid:	81000005121	Import id:	81727702020
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	PLYMOUTH NURSERY		
Well addr:	9900 PLYMOUTH RD.		
Well depth:	185		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1290
Const date:	1978-12-05 00:00:00.000	Case type:	Unknown
Case dia:	0		
Case depth:	185		
Screen frm:	177		
Screen to:	185		
Swl:	35		
Test depth:	55		
Test hours:	2		
Test rate:	40	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3393409568		
Longitude:	-83.5683226311		
Methd coll:	Interpolation-Map		
Elevation:	857		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	856	Elev dif:	1
Elev miv:	857	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	5
Pct aq d:	5	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	95
Pct cm d:	95	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	7	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	150	A pct aq2:	5
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	95	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Wet/Moist	A sc lmaq1:	AQ
A sc lpct1:	88	A sc lith2:	Clay
A sc lmod2:	Not Reported	A sc lmaq2:	CM
A sc lpct2:	12	Pct aq 1:	10
Pct maq 1:	0	Pct cm 1:	90
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	150		
Horiz Conduct:	2.33343		
Vert Conduct:	.0001		
T2:	350.0143		
D50plek:	96.76258		

**B5
NE
1/8 - 1/4 Mile
Higher**

MI WELLS MI20315710

Wellid:	81000005116	Import id:	81727702015
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	GARCIA, JEFF		
Well addr:	4533 GOTFREDSON RD.		
Well depth:	190		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1290
Const date:	1986-12-01 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	182		
Screen frm:	182		
Screen to:	190		
Swl:	35		
Test depth:	38		
Test hours:	2		
Test rate:	20	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3420947036		
Longitude:	-83.5678774032		
Methd coll:	Interpolation-Map		
Elevation:	867		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	872	Elev dif:	5
Elev miv:	867	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	8
Pct aq d:	8	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	92
Pct cm d:	92	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	10	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	155	A pct aq2:	10
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	90	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Wet/Moist	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	10	Pct maq 2:	0
Pct cm 2:	90	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	15
Pct maq 3:	0	Pct cm 3:	85
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	155		
Horiz Conduct:	4.03235		
Vert Conduct:	.00011		
T2:	625.014		
D50plek:	172.88663		

**C6
ESE
1/8 - 1/4 Mile
Lower**

MI WELLS MI20315692

Wellid:	8100005098	Import id:	81727701021
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	1
Owner name:	VETTESE, JOANN		
Well addr:	4240 GOTFREDSON RD.		
Well depth:	185		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1978-02-13 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	181		
Screen frm:	181		
Screen to:	185		
Swl:	60		
Test depth:	110		
Test hours:	4		
Test rate:	20	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3381444722		
Longitude:	-83.5665896758		
Methd coll:	Interpolation-Map		
Elevation:	854		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	853	Elev dif:	1
Elev miv:	854	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	48
Pct aq d:	48	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	19

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	19	Pct cm r:	0
Pct pcm:	32	Pct pcm d:	32
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	15	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	125	A pct aq2:	52
A pct maq2:	0	A pct pcm2:	48
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	65
Pct maq 1:	0	Pct cm 1:	35
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	5	Pct maq 2:	0
Pct cm 2:	95	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	50
Pct maq 3:	0	Pct cm 3:	50
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	100	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	100
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	40	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	60
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	100	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	125		
Horiz Conduct:	26.0048		
Vert Conduct:	.02083		
T2:	3250.6		
D50plek:	665.16186		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C7
SE
1/8 - 1/4 Mile
Lower

MI WELLS MI20321916

Wellid:	81000012690	Import id:	Not Reported
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	1
Owner name:	Dennis Taylor		
Well addr:	4222 Gotfredson		
Well depth:	143		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2014
Const date:	2002-08-07 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	137		
Screen frm:	137		
Screen to:	143		
Swl:	73		
Test depth:	73		
Test hours:	2		
Test rate:	6	Test methd:	Air
Grouted:	1	Pmp cpcity:	18
Latitude:	42.33767194		
Longitude:	-83.56672823		
Methd coll:	Address Matching-House Number		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	856	Elev dif:	856
Elev miv:	856	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	5
Pct aq d:	5	Pct aq r:	0
Pct maq:	6	Pct maq d:	6
Pct maq r:	0	Pct cm:	90
Pct cm d:	90	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	7	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	70	A pct aq2:	10
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	90	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	35	Pct cm 3:	65
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	5
Pct cm 4:	95	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	70		
Horiz Conduct:	10.00009		
Vert Conduct:	.00011		
T2:	700.0063		
D50plek:	86.90756		

C8
SE
1/4 - 1/2 Mile
Lower

MI WELLS MI20315693

Wellid:	81000005099	Import id:	81727701022
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	1
Owner name:	VETTESE		
Well addr:	4234 GOTFREDSON RD.		
Well depth:	174		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1199
Const date:	Not Reported	Case type:	Unknown
Case dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	174		
Screen frm:	111		
Screen to:	114		
Swl:	31		
Test depth:	41		
Test hours:	1		
Test rate:	16	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3376996818		
Longitude:	-83.5665951356		
Methd coll:	Interpolation-Map		
Elevation:	857		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	856	Elev dif:	1
Elev miv:	857	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	8
Pct aq d:	8	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	92
Pct cm d:	92	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	10	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	83	A pct aq2:	12
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	88	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	40	Pct maq 6:	0
Pct cm 6:	60	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	83		
Horiz Conduct:	6.02418		
Vert Conduct:	.00011		
T2:	500.0073		
D50plek:	74.97661		

**C9
ESE
1/4 - 1/2 Mile
Lower**

MI WELLS MI20315691

Wellid:	8100005097	Import id:	81727701020
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	1
Owner name:	VETTESE, JOE		
Well addr:	4270 GOTFREDSON RD.		
Well depth:	199		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1977-11-02 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	195		
Screen frm:	195		
Screen to:	199		
Swl:	100		
Test depth:	168		
Test hours:	4		
Test rate:	10	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3385994059		
Longitude:	-83.5657546646		
Methd coll:	Interpolation-Map		
Elevation:	857		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	856	Elev dif:	1
Elev miv:	857	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	15
Pct aq d:	15	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	65

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	65	Pct cm r:	0
Pct pcm:	20	Pct pcm d:	20
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	19	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	99	A pct aq2:	27
A pct maq2:	0	A pct pcm2:	40
A pct cm2:	32	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	15
Pct maq 1:	0	Pct cm 1:	85
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	80	Pct pcm 6:	20
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	100	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	99		
Horiz Conduct:	12.87922		
Vert Conduct:	.00027		
T2:	1275.0432		
D50plek:	216.81649		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B10
NE
1/4 - 1/2 Mile
Higher

MI WELLS MI20321820

Wellid:	81000012549	Import id:	Not Reported
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	1
Owner name:	DENNIS YETTESE		
Well addr:	Not Reported		
Well depth:	230		
Well type:	Irrigation		
Wssn:	0		
Well num:	Not Reported	Driller id:	2125
Const date:	2002-09-05 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	200		
Screen frm:	220		
Screen to:	230		
Swl:	80		
Test depth:	230		
Test hours:	2		
Test rate:	20	Test methd:	Air
Grouted:	1	Pmp cpcity:	0
Latitude:	42.34271666		
Longitude:	-83.56711296		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	872	Elev dif:	872
Elev miv:	872	Aq code:	Drift Well
Aq flag:	Not Reported		
Pct aq d:	9	Pct aq:	9
Pct maq:	0	Pct aq r:	0
Pct maq r:	0	Pct maq d:	0
Pct cm d:	91	Pct cm:	91
Pct pcm:	0	Pct cm r:	0
Pct pcm r:	0	Pct pcm d:	0
Pct na d:	0	Pct na:	0
Pct na r:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	10	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	150	A pct aq2:	7
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	93	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	45	Pct maq 2:	0
Pct cm 2:	55	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	10
Pct maq 3:	0	Pct cm 3:	90
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	100	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	150		
Horiz Conduct:	6.66676		
Vert Conduct:	.00011		
T2:	1000.014		
D50plek:	260.98658		

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

MI WELLS MI20321550

Wellid:	81000012124	Import id:	Not Reported
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	Dynasty Builders		
Well addr:	4356 Hickory Ridge		
Well depth:	81		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	524
Const date:	1999-07-26 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	69		
Screen frm:	69		
Screen to:	79		
Swl:	45		
Test depth:	58		
Test hours:	2		
Test rate:	12	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	12
Latitude:	42.34156178		
Longitude:	-83.57528004		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	872	Elev dif:	872
Elev miv:	872	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	33
Pct aq d:	33	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	67
Pct cm d:	67	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	17	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	34	A pct aq2:	50
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	50	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	30
Pct maq 1:	0	Pct cm 1:	70
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	20	Pct maq 2:	0
Pct cm 2:	80	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	85	Pct maq 4:	0
Pct cm 4:	15	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	34		
Horiz Conduct:	25.00005		
Vert Conduct:	.0002		
T2:	850.0017		
D50plek:	50.72226		

**12
North
1/4 - 1/2 Mile
Higher**

MI WELLS MI20315709

Wellid:	8100005115	Import id:	81727702014
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	ENDLEIN, DENIS		
Well addr:	4611 GOTFREDSON RD.		
Well depth:	170		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1290
Const date:	1987-09-24 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	166		
Screen frm:	166		
Screen to:	170		
Swl:	37		
Test depth:	41		
Test hours:	2		
Test rate:	20	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3440571005		
Longitude:	-83.5699996935		
Methd coll:	Interpolation-Map		
Elevation:	875		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	872	Elev dif:	3
Elev miv:	875	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	15
Pct aq d:	15	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	85

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	85	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	6	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	133	A pct aq2:	17
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	83	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Wet/Moist	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	15	Pct maq 2:	0
Pct cm 2:	85	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	30
Pct maq 5:	0	Pct cm 5:	70
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	40	Pct maq 6:	0
Pct cm 6:	60	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	133		
Horiz Conduct:	5.63918		
Vert Conduct:	.00012		
T2:	750.011		
D50plek:	176.25912		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

D13
ENE
1/4 - 1/2 Mile
Higher

MI WELLS MI20315695

Wellid:	8100005101	Import id:	81727701401
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	1
Owner name:	TRINITY PRESBYTERIAN CHURCH		
Well addr:	10101 W. ANN ARBOR RD		
Well depth:	192		
Well type:	Type II public		
Wssn:	2017581		
Well num:	001	Driller id:	1586
Const date:	1981-11-06 00:00:00.000	Case type:	Steel-black
Case dia:	5		
Case depth:	192		
Screen frm:	184		
Screen to:	192		
Swl:	45		
Test depth:	48		
Test hours:	8		
Test rate:	50	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	50
Latitude:	42.3421115886		
Longitude:	-83.5656402996		
Methd coll:	Interpolation-Map		
Elevation:	870		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	869	Elev dif:	1
Elev miv:	870	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	14
Pct aq d:	14	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	86
Pct cm d:	86	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	8	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	147	A pct aq2:	18
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	82	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	65
Pct maq 3:	0	Pct cm 3:	35
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	25	Pct maq 4:	0
Pct cm 4:	75	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	147		
Horiz Conduct:	28.57151		
Vert Conduct:	.00012		
T2:	4200.0121		
D50plek:	997.87411		

**D14
ENE
1/4 - 1/2 Mile
Higher**

MI WELLS MI20315694

Wellid:	81000005100	Import id:	81727701023
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	1
Owner name:	TRINITY PRESBYTERIAN CHURCH		
Well addr:	10003 PLYMOUTH-ANN ARBOR RD.		
Well depth:	192		
Well type:	Public		
Wssn:	0		
Well num:	Not Reported	Driller id:	1586
Const date:	1981-11-06 00:00:00.000	Case type:	Steel-black
Case dia:	5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	192		
Screen frm:	186		
Screen to:	192		
Swl:	45		
Test depth:	48		
Test hours:	8		
Test rate:	50	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3421115886		
Longitude:	-83.5656402996		
Methd coll:	Interpolation-Map		
Elevation:	870		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	869	Elev dif:	1
Elev miv:	870	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	14
Pct aq d:	14	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	86
Pct cm d:	86	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	8	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	147	A pct aq2:	18
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	82	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	65
Pct maq 3:	0	Pct cm 3:	35
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	25	Pct maq 4:	0
Pct cm 4:	75	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	147		
Horiz Conduct:	28.57151		
Vert Conduct:	.00012		
T2:	4200.0121		
D50plek:	997.87411		

**E15
SW
1/4 - 1/2 Mile
Lower**

MI WELLS MI20315707

Wellid:	81000005113	Import id:	81727702012
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	NUSTAD, MR. HENRY;J.L HUDSON C		
Well addr:	9503 WARREN RD.		
Well depth:	155		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1973-07-16 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	150.5		
Screen frm:	150.5		
Screen to:	155		
Swl:	25		
Test depth:	140		
Test hours:	4		
Test rate:	8	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.3349093818		
Longitude:	-83.576105738		
Methd coll:	Interpolation-Map		
Elevation:	847		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	843	Elev dif:	4
Elev miv:	847	Aq code:	Drift Well
Aq flag:	Not Reported		
Pct aq d:	33	Pct aq:	33
Pct maq:	0	Pct aq r:	0
Pct maq r:	0	Pct maq d:	0
		Pct cm:	31

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	31	Pct cm r:	0
Pct pcm:	35	Pct pcm d:	35
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	19	A pct aq:	32
A pct maq:	0	A pct pcm:	63
A pct cm:	0	A pct na:	5
A thickns2:	130	A pct aq2:	39
A pct maq2:	0	A pct pcm2:	42
A pct cm2:	18	A pct na2:	1
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Medium	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	95
Pct pcm 1:	0	Pct na 1:	5
Pct aq 2:	10	Pct maq 2:	0
Pct cm 2:	50	Pct pcm 2:	40
Pct na 2:	0	Pct aq 3:	15
Pct maq 3:	0	Pct cm 3:	85
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	100	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	40
Pct maq 5:	0	Pct cm 5:	10
Pct pcm 5:	50	Pct na 5:	0
Pct aq 6:	48	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	52
Pct na 6:	0	Pct aq 7:	4
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	92	Pct na 7:	4
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

E16
SW
1/4 - 1/2 Mile
Lower

MI WELLS MI20315706

Wellid:	81000005112	Import id:	81727702011
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	NUSTAD, MR.; HUDSON REAL EST.		
Well addr:	9503 WARREN RD.		
Well depth:	367		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1973-07-05 00:00:00.000	Case type:	Unknown
Case dia:	0		
Case depth:	0		
Screen frm:	0		
Screen to:	0		
Swl:	999.99		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3349042275		
Longitude:	-83.5764395854		
Methd coll:	Interpolation-Map		
Elevation:	847		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	SWL > Well Depth		
Elev dem:	843	Elev dif:	4
Elev miv:	847	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	23
Pct aq d:	22	Pct aq r:	23
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	50
Pct cm d:	37	Pct cm r:	76
Pct pcm:	28	Pct pcm d:	40
Pct pcm r:	1	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	249
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	5
Pct maq 1:	0	Pct cm 1:	95
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	25	Pct pcm 2:	75
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	100	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	30
Pct maq 5:	0	Pct cm 5:	70
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	60	Pct pcm 6:	40
Pct na 6:	0	Pct aq 7:	4
Pct maq 7:	0	Pct cm 7:	96
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	11	Pct maq 8:	0
Pct cm 8:	15	Pct pcm 8:	75
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	18.99956		
Vert Conduct:	.00057		
T2:	4350.8994		
D50plek:	1607.54831		

**F17
NNW
1/4 - 1/2 Mile
Higher**

MI WELLS MI20315702

Wellid:	81000005108	Import id:	81727702007
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	BOHLEN, TED		
Well addr:	9676 JOY RD.		
Well depth:	171		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1984-11-02 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	163		
Screen frm:	163		
Screen to:	171		
Swl:	36		
Test depth:	80		
Test hours:	2		
Test rate:	20	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3467336339		
Longitude:	-83.5727663127		
Methd coll:	Interpolation-Map		
Elevation:	865		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	866	Elev dif:	1
Elev miv:	865	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	16
Pct aq d:	16	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	84
Pct cm d:	84	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	16	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	135	A pct aq2:	12
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	88	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	55
Pct maq 1:	0	Pct cm 1:	45
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	135		
Horiz Conduct:	5.92601		
Vert Conduct:	.00011		
T2:	800.0119		
D50plek:	190.17255		

**F18
NNW
1/4 - 1/2 Mile
Higher**

MI WELLS MI20315700

Wellid:	81000005106	Import id:	81727702005
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	BOHLEN, TED		
Well addr:	9676 JOY RD.		
Well depth:	107		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1984-04-27 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	103		
Screen frm:	103		
Screen to:	107		
Swl:	90		
Test depth:	100		
Test hours:	2		
Test rate:	10	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3467294845		
Longitude:	-83.5729661173		
Methd coll:	Interpolation-Map		
Elevation:	865		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	866	Elev dif:	1
Elev miv:	865	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	15
Pct aq d:	15	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	85

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	85	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thickness:	6	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	17	A pct aq2:	35
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	65	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	50
Pct maq 1:	0	Pct cm 1:	50
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	17		
Horiz Conduct:	17.64712		
Vert Conduct:	.00015		
T2:	300.0011		
D50plek:	9.482		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

F19
NNW
1/4 - 1/2 Mile
Lower

MI WELLS MI20315701

Wellid:	81000005107	Import id:	81727702006
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	WICK, JOHN		
Well addr:	9570 JOY RD.		
Well depth:	153		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1969-12-17 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	149		
Screen frm:	149		
Screen to:	153		
Swl:	999.99		
Test depth:	130		
Test hours:	2		
Test rate:	12	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3467317496		
Longitude:	-83.5736772512		
Methd coll:	Interpolation-Map		
Elevation:	855		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	SWL > Well Depth		
Elev dem:	859	Elev dif:	4
Elev miv:	855	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	16
Pct aq d:	16	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	5
Pct cm d:	5	Pct cm r:	0
Pct pcm:	78	Pct pcm d:	78
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Gravel & Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	60
Pct maq 1:	0	Pct cm 1:	40
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	100	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	100	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	100
Pct na 6:	0	Pct aq 7:	40
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	60	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

20
SSW
1/2 - 1 Mile
Lower

MI WELLS MI20315931

Wellid:	81000005337	Import id:	81727711001
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	11
Owner name:	WILLETT, C.		
Well addr:	9568 WARREN RD.		
Well depth:	73		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	64
Const date:	1984-08-01 00:00:00.000	Case type:	Steel-black
Case dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	73		
Screen frm:	70		
Screen to:	73		
Swl:	23		
Test depth:	60		
Test hours:	2		
Test rate:	10	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.3330118062		
Longitude:	-83.5757200736		
Methd coll:	Interpolation-Map		
Elevation:	845		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	846	Elev dif:	1
Elev miv:	845	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	4
Pct aq d:	4	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	96
Pct cm d:	96	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	3	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	50	A pct aq2:	6
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	94	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Coarse	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	50		
Horiz Conduct:	6.00009		
Vert Conduct:	.00011		
T2:	300.0047		
D50plek:	27.88854		

21
WSW
1/2 - 1 Mile
Higher

MI WELLS MI20321461

Wellid:	81000011998	Import id:	Not Reported
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	ROSE LANGE		
Well addr:	8950 ANN ARBOR PLYMOUTH		
Well depth:	160		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2014
Const date:	2001-12-05 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	150		
Screen frm:	150		
Screen to:	160		
Swl:	42		
Test depth:	42		
Test hours:	2		
Test rate:	7	Test methd:	Air
Grouted:	1	Pmp cpcity:	20
Latitude:	42.33776897		
Longitude:	-83.58090904		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	879	Elev dif:	879
Elev miv:	879	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	8
Pct aq d:	8	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	93

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	93	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	12	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	118	A pct aq2:	10
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	90	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	8
Pct maq 7:	0	Pct cm 7:	92
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	118		
Horiz Conduct:	5.08484		
Vert Conduct:	.00011		
T2:	600.0106		
D50plek:	126.63432		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

22
NNW
1/2 - 1 Mile
Lower

MI WELLS MI20315699

Wellid:	81000005105	Import id:	81727702004
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	FRAZER, JAMES		
Well addr:	9504 JOY RD.		
Well depth:	142		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1969-12-10 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	138		
Screen frm:	138		
Screen to:	142		
Swl:	20		
Test depth:	60		
Test hours:	1		
Test rate:	20	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3471065361		
Longitude:	-83.5756462003		
Methd coll:	Interpolation-Map		
Elevation:	857		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	853	Elev dif:	4
Elev miv:	857	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	14
Pct aq d:	14	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	28
Pct cm d:	28	Pct cm r:	0
Pct pcm:	58	Pct pcm d:	58
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	15	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	122	A pct aq2:	16
A pct maq2:	0	A pct pcm2:	59
A pct cm2:	25	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	50
Pct pcm 1:	50	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	25
Pct maq 3:	0	Pct cm 3:	50
Pct pcm 3:	25	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	100	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	100
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	122		
Horiz Conduct:	24.59115		
Vert Conduct:	.00033		
T2:	3000.12		
D50plek:	601.59246		

**23
NNW
1/2 - 1 Mile
Lower**

MI WELLS MI20315698

Wellid:	81000005104	Import id:	81727702003
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	WILSON, DONN		
Well addr:	9444 JOY RD.		
Well depth:	150		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1586
Const date:	1981-11-25 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	150		
Screen frm:	146		
Screen to:	150		
Swl:	20		
Test depth:	20		
Test hours:	2		
Test rate:	12	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3474849014		
Longitude:	-83.5770741224		
Methd coll:	Interpolation-Map		
Elevation:	854		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	850	Elev dif:	4
Elev miv:	854	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	5
Pct aq d:	5	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	94
Pct cm d:	94	Pct cm r:	0
Pct pcm:	1	Pct pcm d:	1
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	12	A pct aq:	58
A pct maq:	0	A pct pcm:	17
A pct cm:	25	A pct na:	0
A thickns2:	130	A pct aq2:	5
A pct maq2:	0	A pct pcm2:	2
A pct cm2:	93	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	28
Pct maq 7:	0	Pct cm 7:	64
Pct pcm 7:	8	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	130		
Horiz Conduct:	16.15395		
Vert Conduct:	.00011		
T2:	2100.0141		
D50plek:	456.92134		

**24
WSW
1/2 - 1 Mile
Higher**

MI WELLS MI20315708

Wellid:	81000005114	Import id:	81727702013
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	MCCAULEY, MIKE		
Well addr:	8989 WARREN RD. (PARCEL A)		
Well depth:	192		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1987-08-25 00:00:00.000	Case type:	Steel-black
Case dia:	4		
Case depth:	184		
Screen frm:	184		
Screen to:	192		
Swl:	75		
Test depth:	90		
Test hours:	2		
Test rate:	25	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3351667377		
Longitude:	-83.5809170918		
Methd coll:	Interpolation-Map		
Elevation:	875		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	872	Elev dif:	3
Elev miv:	875	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	11
Pct aq d:	11	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	89

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	89	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	14	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	117	A pct aq2:	12
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	88	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	40
Pct maq 3:	0	Pct cm 3:	60
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	117		
Horiz Conduct:	5.98299		
Vert Conduct:	.00011		
T2:	700.0103		
D50plek:	145.26057		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

25
WSW
1/2 - 1 Mile
Higher

MI WELLS MI20315711

Wellid:	81000005117	Import id:	81727702016
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	GUREGIAN, L.		
Well addr:	9200 PLYMOUTH RD.		
Well depth:	235		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	64
Const date:	1986-08-20 00:00:00.000	Case type:	Unknown
Case dia:	0		
Case depth:	0		
Screen frm:	0		
Screen to:	0		
Swl:	999.99		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3372758415		
Longitude:	-83.5821935891		
Methd coll:	Interpolation-Map		
Elevation:	887		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	SWL > Well Depth		
Elev dem:	886	Elev dif:	1
Elev miv:	887	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	0
Pct aq d:	0	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	100
Pct cm d:	100	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	95
Pct pcm 1:	0	Pct na 1:	5

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	100	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

26
WNW
1/2 - 1 Mile
Lower

MI WELLS MI20315696

Wellid:	81000005102	Import id:	81727702001
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	SOTH, R.		
Well addr:	9160 JOY RD.		
Well depth:	157		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	64
Const date:	1972-06-05 00:00:00.000	Case type:	Unknown
Case dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	157		
Screen frm:	153		
Screen to:	157		
Swl:	26		
Test depth:	30		
Test hours:	2		
Test rate:	15	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3420686606		
Longitude:	-83.5825788908		
Methd coll:	Interpolation-Map		
Elevation:	861		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	859	Elev dif:	2
Elev miv:	861	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	16
Pct aq d:	16	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	84
Pct cm d:	84	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	17	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	131	A pct aq2:	13
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	87	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	40
Pct maq 1:	0	Pct cm 1:	60
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	40
Pct maq 7:	0	Pct cm 7:	60
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	131		
Horiz Conduct:	8.39703		
Vert Conduct:	.00011		
T2:	1100.0114		
D50plek:	249.45288		

**27
ENE
1/2 - 1 Mile
Higher**

MI WELLS MI20315672

Wellid:	8100005078	Import id:	81727701001
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	1
Owner name:	WALCATT, LARRY		
Well addr:	10390 NAPIER RD.		
Well depth:	61		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1290
Const date:	1983-08-01 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	61		
Screen frm:	56		
Screen to:	61		
Swl:	999.99		
Test depth:	0		
Test hours:	2		
Test rate:	12	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3440262881		
Longitude:	-83.5593007341		
Methd coll:	Interpolation-Map		
Elevation:	870		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	SWL > Well Depth		
Elev dem:	866	Elev dif:	4
Elev miv:	870	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	43
Pct aq d:	43	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	57

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	57	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Wet/Moist	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	25
Pct maq 1:	0	Pct cm 1:	75
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

28
NW
1/2 - 1 Mile
Lower

MI WELLS MI20320635

Wellid:	81000010774	Import id:	Not Reported
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	JEFF STEWARD		
Well addr:	9052 JOY ROAD		
Well depth:	180		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2125
Const date:	2000-02-03 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	175		
Screen frm:	175		
Screen to:	180		
Swl:	18		
Test depth:	31		
Test hours:	2		
Test rate:	50	Test methd:	Air
Grouted:	1	Pmp cpcity:	20
Latitude:	42.34652364		
Longitude:	-83.58159144		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	850	Elev dif:	850
Elev miv:	850	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	22
Pct aq d:	22	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	78
Pct cm d:	78	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	5	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	162	A pct aq2:	13
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	87	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	70	Pct maq 2:	0
Pct cm 2:	30	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	162		
Horiz Conduct:	12.96305		
Vert Conduct:	.00011		
T2:	2100.0141		
D50plek:	569.39429		

29
WNW
1/2 - 1 Mile
Lower

MI WELLS MI20315697

Wellid:	81000005103	Import id:	81727702002
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	PERRY, ROBERT		
Well addr:	9170 JOY RD.		
Well depth:	162		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1244
Const date:	1987-08-15 00:00:00.000	Case type:	Unknown
Case dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	157		
Screen frm:	157		
Screen to:	162		
Swl:	17		
Test depth:	55		
Test hours:	3		
Test rate:	38	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.3452321055		
Longitude:	-83.5828719307		
Methd coll:	Interpolation-Map		
Elevation:	847		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	850	Elev dif:	3
Elev miv:	847	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	19
Pct aq d:	19	Pct aq r:	0
Pct maq:	20	Pct maq d:	20
Pct maq r:	0	Pct cm:	32
Pct cm d:	32	Pct cm r:	0
Pct pcm:	28	Pct pcm d:	28
Pct pcm r:	0	Pct na:	1
Pct na d:	1	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	63	A pct aq:	49
A pct maq:	51	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	145	A pct aq2:	21
A pct maq2:	22	A pct pcm2:	21
A pct cm2:	36	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	95	Pct na 1:	5
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	30	Pct pcm 2:	70
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	35	Pct pcm 4:	65
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	5	Pct cm 5:	95
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	100
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	92
Pct maq 7:	8	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	145		
Horiz Conduct:	11.96638		
Vert Conduct:	.00027		
T2:	1735.1252		
D50plek:	425.25175		

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

MI WELLS MI20322187

Wellid:	81000013157	Import id:	Not Reported
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	12
Owner name:	CHRISTIAN TENNANT CUSTOM		
Well addr:	10440 WARREN		
Well depth:	120		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2014
Const date:	2002-11-22 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	105		
Screen frm:	105		
Screen to:	120		
Swl:	40		
Test depth:	45		
Test hours:	2		
Test rate:	12	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	50
Latitude:	42.33448345		
Longitude:	-83.55796233		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	813	Elev dif:	813
Elev miv:	813	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	8
Pct aq d:	8	Pct aq r:	0
Pct maq:	5	Pct maq d:	5
Pct maq r:	0	Pct cm:	88

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	88	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	15	A pct aq:	40
A pct maq:	40	A pct pcm:	0
A pct cm:	20	A pct na:	0
A thickns2:	80	A pct aq2:	8
A pct maq2:	8	A pct pcm2:	0
A pct cm2:	85	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	W/Clay	A sc lmaq1:	MAQ
A sc lpct1:	40	A sc lith2:	Sand
A sc lmod2:	Not Reported	A sc lmaq2:	AQ
A sc lpct2:	40	Pct aq 1:	15
Pct maq 1:	0	Pct cm 1:	85
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	80		
Horiz Conduct:	4.12509		
Vert Conduct:	.00012		
T2:	330.0068		
D50plek:	48.81902		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

31
South
1/2 - 1 Mile
Lower

MI WELLS MI20315932

Wellid:	8100005338	Import id:	81727711002
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	11
Owner name:	GEBSKI, A.		
Well addr:	3779 GOTFREDSON RD.		
Well depth:	98		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	64
Const date:	1976-10-02 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	98		
Screen frm:	94		
Screen to:	98		
Swl:	44		
Test depth:	60		
Test hours:	3		
Test rate:	15	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.3287032898		
Longitude:	-83.5700486163		
Methd coll:	Interpolation-Map		
Elevation:	833		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	830	Elev dif:	3
Elev miv:	833	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	5
Pct aq d:	5	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	95
Pct cm d:	95	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	5	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	54	A pct aq2:	9
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	91	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	54		
Horiz Conduct:	2.31491		
Vert Conduct:	.00011		
T2:	125.0049		
D50plek:	13.20881		

**G32
WSW
1/2 - 1 Mile
Higher**

MI WELLS MI20315705

Wellid:	81000005111	Import id:	81727702010
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	ADAMS, DAVID		
Well addr:	8867 WARREN RD.		
Well depth:	67		
Well type:	Public		
Wssn:	0		
Well num:	Not Reported	Driller id:	524
Const date:	1983-05-16 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	67		
Screen frm:	59		
Screen to:	67		
Swl:	42		
Test depth:	46		
Test hours:	2		
Test rate:	10	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3347620459		
Longitude:	-83.5840378994		
Methd coll:	Interpolation-Map		
Elevation:	870		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	872	Elev dif:	2
Elev miv:	870	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	28
Pct aq d:	28	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	66
Pct cm d:	66	Pct cm r:	0
Pct pcm:	6	Pct pcm d:	6
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	19	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	25	A pct aq2:	76
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	24	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	80	Pct pcm 2:	20
Pct na 2:	0	Pct aq 3:	60
Pct maq 3:	0	Pct cm 3:	40
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	25		
Horiz Conduct:	228.00002		
Vert Conduct:	.00042		
T2:	5700.0006		
D50plek:	226.88444		

G33
WSW
1/2 - 1 Mile
Lower

MI WELLS MI20322337

Wellid:	81000013375	Import id:	Not Reported
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	11
Owner name:	ADAM ALLEN		
Well addr:	8900 WARREN ROAD		
Well depth:	53		
Well type:	Irrigation		
Wssn:	0		
Well num:	Not Reported	Driller id:	1924
Const date:	2003-06-04 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	33		
Screen frm:	33		
Screen to:	53		
Swl:	20		
Test depth:	53		
Test hours:	2		
Test rate:	18	Test methd:	Air
Grouted:	1	Pmp cpcity:	18
Latitude:	42.33411724		
Longitude:	-83.5844141		
Methd coll:	Address Matching-House Number		
Elevation:	846		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	863	Elev dif:	17
Elev miv:	846	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	42
Pct aq d:	42	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	58

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	58	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	22	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	33	A pct aq2:	67
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	33	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	90	A sc lith2:	Sand & Gravel
A sc lmod2:	Not Reported	A sc lmaq2:	AQ
A sc lpct2:	10	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	45	Pct maq 2:	0
Pct cm 2:	55	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	33		
Horiz Conduct:	39.39397		
Vert Conduct:	.0003		
T2:	1300.0011		
D50plek:	73.61174		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

H34
NW
1/2 - 1 Mile
Lower

MI WELLS MI20313472

Wellid:	81000002775	Import id:	81717735004
County:	Washtenaw	Township:	Salem
Town range:	01S 07E	Section:	35
Owner name:	LA BEAU, TOM		
Well addr:	9275 JOY RD.		
Well depth:	55		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1199
Const date:	Not Reported	Case type:	Unknown
Case dia:	4		
Case depth:	48		
Screen frm:	48		
Screen to:	58		
Swl:	14		
Test depth:	20		
Test hours:	2		
Test rate:	30	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.3488106177		
Longitude:	-83.5812724626		
Methd coll:	Interpolation-Map		
Elevation:	845		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	846	Elev dif:	1
Elev miv:	845	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	78
Pct aq d:	78	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	22	Pct pcm d:	22
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	24	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	41	A pct aq2:	71
A pct maq2:	0	A pct pcm2:	29
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Wet/Moist	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	95
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	5	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	45	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	55
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

**G35
WSW
1/2 - 1 Mile
Higher**

MI WELLS MI20315704

Wellid:	81000005110	Import id:	81727702009
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	ADAMS, DAVID		
Well addr:	8783 WARREN RD.		
Well depth:	67		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1586
Const date:	1983-05-11 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	67		
Screen frm:	59		
Screen to:	67		
Swl:	42		
Test depth:	45		
Test hours:	2		
Test rate:	9	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3347027228		
Longitude:	-83.5850408862		
Methd coll:	Interpolation-Map		
Elevation:	867		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	866	Elev dif:	1
Elev miv:	867	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	28
Pct aq d:	28	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	66
Pct cm d:	66	Pct cm r:	0
Pct pcm:	6	Pct pcm d:	6
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	19	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	25	A pct aq2:	76
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	24	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	80	Pct pcm 2:	20
Pct na 2:	0	Pct aq 3:	60
Pct maq 3:	0	Pct cm 3:	40
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	25		
Horiz Conduct:	228.00002		
Vert Conduct:	.00042		
T2:	5700.0006		
D50plek:	226.88444		

36
WSW
1/2 - 1 Mile
Higher

MI WELLS MI20315703

Wellid:	81000005109	Import id:	81727702008
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	MERRY, DONALD		
Well addr:	8785 WARREN RD.		
Well depth:	57		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1978-07-13 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	53		
Screen frm:	53		
Screen to:	57		
Swl:	42		
Test depth:	47		
Test hours:	2		
Test rate:	10	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3357578721		
Longitude:	-83.5856939756		
Methd coll:	Interpolation-Map		
Elevation:	875		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	879	Elev dif:	4
Elev miv:	875	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	23
Pct aq d:	23	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	70

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	70	Pct cm r:	0
Pct pcm:	7	Pct pcm d:	7
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	15	A pct aq:	87
A pct maq:	0	A pct pcm:	13
A pct cm:	0	A pct na:	0
A thickns2:	15	A pct aq2:	87
A pct maq2:	0	A pct pcm2:	13
A pct cm2:	0	A pct na2:	0
A hit swl:	T	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	T		
Athk2:	15		
Horiz Conduct:	43.33467		
Vert Conduct:	.0749		
T2:	650.02		
D50plek:	17.36311		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

37
NW
1/2 - 1 Mile
Lower

MI WELLS MI20321239

Wellid:	81000011624	Import id:	Not Reported
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	KEN HUBBARD		
Well addr:	8910 JOY RD.		
Well depth:	62		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1861
Const date:	2001-07-31 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	58		
Screen frm:	58		
Screen to:	62		
Swl:	12		
Test depth:	62		
Test hours:	1		
Test rate:	50	Test methd:	Air
Grouted:	1	Pmp cpcity:	0
Latitude:	42.34806767		
Longitude:	-83.58270935		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	840	Elev dif:	840
Elev miv:	840	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	98
Pct aq d:	98	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	2
Pct na d:	2	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	50	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	50	A pct aq2:	100
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	T	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel & Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	95
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	5

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	T		
Athk2:	50		
Horiz Conduct:	86		
Vert Conduct:	78.125		
T2:	4300		
D50plek:	347.08885		

**H38
NW
1/2 - 1 Mile
Lower**

MI WELLS MI20313471

Wellid:	81000002774	Import id:	81717735003
County:	Washtenaw	Township:	Salem
Town range:	01S 07E	Section:	35
Owner name:	COWMEADOW, ARNOLD		
Well addr:	9225 JOY RD.		
Well depth:	64		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	64
Const date:	1984-03-16 00:00:00.000	Case type:	Steel-black
Case dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	64		
Screen frm:	61		
Screen to:	64		
Swl:	11		
Test depth:	15		
Test hours:	2		
Test rate:	20	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.3486125813		
Longitude:	-83.5820859095		
Methd coll:	Interpolation-Map		
Elevation:	842		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	843	Elev dif:	1
Elev miv:	842	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	34
Pct aq d:	34	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	66
Pct cm d:	66	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	4	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	53	A pct aq2:	21
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	79	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Coarse	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	90
Pct maq 1:	0	Pct cm 1:	10
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	53		
Horiz Conduct:	28.30197		
Vert Conduct:	.00013		
T2:	1500.0042		
D50plek:	135.39505		

**39
NNE
1/2 - 1 Mile
Higher**

MI WELLS MI20313476

Wellid:	81000002779	Import id:	81717736004
County:	Washtenaw	Township:	Salem
Town range:	01S 07E	Section:	36
Owner name:	GROFF, GERALD		
Well addr:	5168 GOTFREDSON RD.		
Well depth:	160		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1133
Const date:	Not Reported	Case type:	Steel-black
Case dia:	4		
Case depth:	160		
Screen frm:	156		
Screen to:	160		
Swl:	36		
Test depth:	105		
Test hours:	2		
Test rate:	20	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3518865965		
Longitude:	-83.5669481272		
Methd coll:	Interpolation-Map		
Elevation:	871		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	866	Elev dif:	5
Elev miv:	871	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	68
Pct aq d:	68	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	33

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	33	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	104	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	124	A pct aq2:	87
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	13	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Wet/Moist	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	40
Pct maq 3:	0	Pct cm 3:	60
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	100	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	100
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	100	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	100
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	124		
Horiz Conduct:	87.09679		
Vert Conduct:	.00077		
T2:	10800.0016		
D50plek:	2067.7748		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

40
West
1/2 - 1 Mile
Lower

MI WELLS MI20315736

Wellid:	81000005142	Import id:	81727703021
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	3
Owner name:	BONNVILLE, RICHARD		
Well addr:	8845 PLYMOUTH RD.		
Well depth:	73		
Well type:	Public		
Wssn:	0		
Well num:	Not Reported	Driller id:	524
Const date:	1984-09-05 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	73		
Screen frm:	65		
Screen to:	73		
Swl:	25		
Test depth:	25		
Test hours:	2		
Test rate:	18	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.340703174		
Longitude:	-83.5873352997		
Methd coll:	Interpolation-Map		
Elevation:	852		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	850	Elev dif:	2
Elev miv:	852	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	32
Pct aq d:	32	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	51
Pct cm d:	51	Pct cm r:	0
Pct pcm:	18	Pct pcm d:	18
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	23	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	48	A pct aq2:	48
A pct maq2:	0	A pct pcm2:	27
A pct cm2:	25	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Gravel
A sc lmod1:	Fine	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	85	Pct pcm 2:	15
Pct na 2:	0	Pct aq 3:	50
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	50	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	48		
Horiz Conduct:	143.75273		
Vert Conduct:	.0004		
T2:	6900.1312		
D50plek:	522.46747		

**41
West
1/2 - 1 Mile
Lower**

MI WELLS MI20321069

Wellid:	81000011356	Import id:	Not Reported
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	2
Owner name:	MARK PERRY		
Well addr:	9240 PLYMOUTH		
Well depth:	290		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2215
Const date:	2001-02-13 00:00:00.000	Case type:	PVC Plastic
Case dia:	-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	0		
Screen frm:	0		
Screen to:	0		
Swl:	0		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.33920104		
Longitude:	-83.58822409		
Methd coll:	Address Matching-House Number		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	SWL = 0		
Elev dem:	859	Elev dif:	859
Elev miv:	859	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	7
Pct aq d:	8	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	54
Pct cm d:	51	Pct cm r:	100
Pct pcm:	39	Pct pcm d:	41
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	273
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	55
Pct pcm 1:	45	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	15
Pct maq 3:	0	Pct cm 3:	85
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	50	Pct maq 4:	0
Pct cm 4:	50	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	30
Pct maq 5:	0	Pct cm 5:	70
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	52
Pct pcm 7:	48	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	50	Pct pcm 8:	50
Pct na 8:	0	Pct aq 9:	3
Pct maq 9:	0	Pct cm 9:	14
Pct pcm 9:	84	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	8.30085		
Vert Conduct:	.00018		
T2:	2100.1159		
D50plek:	889.28013		

42
WSW
1/2 - 1 Mile
Higher

MI WELLS MI20321899

Wellid:	81000012667	Import id:	Not Reported
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	3
Owner name:	Mario & Lina Tartaglia		
Well addr:	4461 Old Oak Dr.		
Well depth:	105		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2125
Const date:	2002-03-02 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	95		
Screen frm:	0		
Screen to:	0		
Swl:	31		
Test depth:	105		
Test hours:	1		
Test rate:	40	Test methd:	Air
Grouted:	1	Pmp cpcity:	20
Latitude:	42.33643919		
Longitude:	-83.5876872		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	876	Elev dif:	876
Elev miv:	876	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	52
Pct aq d:	52	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	35

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	35	Pct cm r:	0
Pct pcm:	12	Pct pcm d:	12
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	10
Pct maq 3:	0	Pct cm 3:	90
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	95	Pct pcm 4:	5
Pct na 4:	0	Pct aq 5:	40
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	60	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

I43
WSW
1/2 - 1 Mile
Higher

MI WELLS MI20315719

Wellid:	81000005125	Import id:	81727703004
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	3
Owner name:	GATES, TOM		
Well addr:	8727 WARREN RD.		
Well depth:	77		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1290
Const date:	1982-10-26 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	77		
Screen frm:	73		
Screen to:	77		
Swl:	57		
Test depth:	58		
Test hours:	2		
Test rate:	12	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3347270697		
Longitude:	-83.5873715322		
Methd coll:	Interpolation-Map		
Elevation:	880		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	876	Elev dif:	4
Elev miv:	880	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	5
Pct aq d:	5	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	95
Pct cm d:	95	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	4	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	20	A pct aq2:	20
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	80	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Wet/Moist	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	20		
Horiz Conduct:	20.00008		
Vert Conduct:	.00012		
T2:	400.0016		
D50plek:	14.63392		

**I44
WSW
1/2 - 1 Mile
Higher**

MI WELLS MI20315718

Wellid:	81000005124	Import id:	81727703003
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	3
Owner name:	GATES, THOMAS A.		
Well addr:	8727 WARREN RD.		
Well depth:	235		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	524
Const date:	1982-09-29 00:00:00.000	Case type:	Unknown
Case dia:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	0		
Screen frm:	0		
Screen to:	0		
Swl:	999.99		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3347717643		
Longitude:	-83.5875540711		
Methd coll:	Interpolation-Map		
Elevation:	880		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	SWL > Well Depth		
Elev dem:	879	Elev dif:	1
Elev miv:	880	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	1
Pct aq d:	1	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	97
Pct cm d:	97	Pct cm r:	100
Pct pcm:	2	Pct pcm d:	2
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	228
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	10	Pct maq 4:	0
Pct cm 4:	65	Pct pcm 4:	25
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	100	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	2.88495		
Vert Conduct:	.0001		
T2:	600.0701		
D50plek:	223.24074		

**I45
WSW
1/2 - 1 Mile
Higher**

MI WELLS MI20315720

Wellid:	81000005126	Import id:	81727703005
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	3
Owner name:	GATES, TOM		
Well addr:	8727 WARREN RD.		
Well depth:	225		
Well type:	Public		
Wssn:	0		
Well num:	Not Reported	Driller id:	64
Const date:	1983-11-01 00:00:00.000	Case type:	Unknown
Case dia:	0		
Case depth:	0		
Screen frm:	0		
Screen to:	0		
Swl:	999.99		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3346504006		
Longitude:	-83.5875388771		
Methd coll:	Interpolation-Map		
Elevation:	880		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	SWL > Well Depth		
Elev dem:	879	Elev dif:	1
Elev miv:	880	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	4
Pct aq d:	4	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	96

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	96	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	40
Pct maq 3:	0	Pct cm 3:	60
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	100	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

46
WNW
1/2 - 1 Mile
Lower

MI WELLS MI20320315

Wellid:	81000010303	Import id:	Not Reported
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	3
Owner name:	Deer Creek Building Co. Inc.		
Well addr:	4581 Old Oak		
Well depth:	92		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	8130
Const date:	2000-03-23 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	82		
Screen frm:	82		
Screen to:	92		
Swl:	13		
Test depth:	18		
Test hours:	2		
Test rate:	15	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	18
Latitude:	42.34321267		
Longitude:	-83.588491		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	843	Elev dif:	843
Elev miv:	843	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	79
Pct aq d:	79	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	21
Pct cm d:	21	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	41	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	79	A pct aq2:	76
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	24	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	60	Pct maq 2:	0
Pct cm 2:	40	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	45
Pct maq 3:	0	Pct cm 3:	55
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	100	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	79		
Horiz Conduct:	75.94939		
Vert Conduct:	.00042		
T2:	6000.0019		
D50plek:	752.80586		

**I47
WSW
1/2 - 1 Mile
Higher**

MI WELLS MI20315717

Wellid:	81000005123	Import id:	81727703002
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	3
Owner name:	GATES, THOMAS A.		
Well addr:	8727 WARREN RD.		
Well depth:	253		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	524
Const date:	1982-09-23 00:00:00.000	Case type:	Unknown
Case dia:	7.88		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	253		
Screen frm:	0		
Screen to:	0		
Swl:	999.99		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3347167173		
Longitude:	-83.5877128362		
Methd coll:	Interpolation-Map		
Elevation:	880		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	SWL > Well Depth		
Elev dem:	879	Elev dif:	1
Elev miv:	880	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	4
Pct aq d:	4	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	96
Pct cm d:	96	Pct cm r:	100
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	245
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	30
Pct maq 3:	0	Pct cm 3:	70
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	100
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	3	Pct maq 8:	0
Pct cm 8:	97	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	4.0001		
Vert Conduct:	.0001		
T2:	900.0216		
D50plek:	354.32521		

**J48
ESE
1/2 - 1 Mile
Lower**

MI WELLS MI20315934

Wellid:	81000005340	Import id:	81727712001
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	12
Owner name:	HESSE, RON		
Well addr:	10670 WARREN RD.		
Well depth:	75		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1705
Const date:	1978-12-28 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	75		
Screen frm:	72		
Screen to:	75		
Swl:	40		
Test depth:	6		
Test hours:	3		
Test rate:	10	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.334379445		
Longitude:	-83.5533844383		
Methd coll:	Interpolation-Map		
Elevation:	816		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	813	Elev dif:	3
Elev miv:	816	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	15
Pct aq d:	15	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	83

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	83	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	3
Pct na d:	3	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	9	A pct aq:	78
A pct maq:	0	A pct pcm:	0
A pct cm:	22	A pct na:	0
A thickns2:	35	A pct aq2:	20
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	80	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Wet/Moist	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	90
Pct pcm 1:	0	Pct na 1:	10
Pct aq 2:	20	Pct maq 2:	0
Pct cm 2:	80	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	35		
Horiz Conduct:	7.85722		
Vert Conduct:	.00012		
T2:	275.0028		
D50plek:	17.98419		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J49
ESE
1/2 - 1 Mile
Lower

MI WELLS MI20315673

Wellid:	81000005079	Import id:	81727701002
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	1
Owner name:	EMMETT, MR. & MRS. DAVE		
Well addr:	10685 WARREN RD.		
Well depth:	196		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1705
Const date:	1981-06-01 00:00:00.000	Case type:	Steel-black
Case dia:	4		
Case depth:	196		
Screen frm:	192		
Screen to:	196		
Swl:	32		
Test depth:	37		
Test hours:	2		
Test rate:	37	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3349613951		
Longitude:	-83.5530526323		
Methd coll:	Interpolation-Map		
Elevation:	816		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	813	Elev dif:	3
Elev miv:	816	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	4
Pct aq d:	4	Pct aq r:	0
Pct maq:	1	Pct maq d:	1
Pct maq r:	0	Pct cm:	95
Pct cm d:	95	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	1
Pct na d:	1	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	4	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	164	A pct aq2:	4
A pct maq2:	1	A pct pcm2:	0
A pct cm2:	95	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Coarse	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	95
Pct pcm 1:	0	Pct na 1:	5

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	100
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	100	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	12
Pct maq 7:	0	Pct cm 7:	88
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	164		
Horiz Conduct:	4.27449		
Vert Conduct:	.00011		
T2:	701.0156		
D50plek:	203.88962		

**50
NW
1/2 - 1 Mile
Lower**

MI WELLS MI20313470

Wellid:	81000002773	Import id:	81717735002
County:	Washtenaw	Township:	Salem
Town range:	01S 07E	Section:	35
Owner name:	FILL, RAY		
Well addr:	9101 JOY RD.		
Well depth:	40		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	388
Const date:	1972-10-12 00:00:00.000	Case type:	Unknown
Case dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Case depth:	36		
Screen frm:	36		
Screen to:	40		
Swl:	4		
Test depth:	21		
Test hours:	4		
Test rate:	15	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.3496425676		
Longitude:	-83.5837705818		
Methd coll:	Interpolation-Map		
Elevation:	833		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	830	Elev dif:	3
Elev miv:	833	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	70
Pct aq d:	70	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	30	Pct pcm d:	30
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	8	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	36	A pct aq2:	67
A pct maq2:	0	A pct pcm2:	33
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand & Gravel
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	40	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	60
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	36		
Horiz Conduct:	66.67		
Vert Conduct:	.02999		
T2:	2400.12		
D50plek:	143.63055		

51
West
1/2 - 1 Mile
Lower

MI WELLS MI20315735

Wellid:	81000005141	Import id:	81727703020
County:	Washtenaw	Township:	Superior
Town range:	02S 07E	Section:	3
Owner name:	COLLMAN, JILL & RICK		
Well addr:	8813 PLYMOUTH RD.		
Well depth:	65		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1290
Const date:	1986-07-16 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	61		
Screen frm:	61		
Screen to:	65		
Swl:	25		
Test depth:	28		
Test hours:	2		
Test rate:	12	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.341087472		
Longitude:	-83.5891042889		
Methd coll:	Interpolation-Map		
Elevation:	850		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	846	Elev dif:	4
Elev miv:	850	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	75
Pct aq d:	75	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	25

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct cm d:	25	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	40	A pct aq:	93
A pct maq:	0	A pct pcm:	0
A pct cm:	8	A pct na:	0
A thickns2:	40	A pct aq2:	93
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	8	A pct na2:	0
A hit swl:	T	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Wet/Moist	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	60
Pct maq 1:	0	Pct cm 1:	40
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	60	Pct maq 2:	0
Pct cm 2:	40	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	T		
Athk2:	40		
Horiz Conduct:	232.50001		
Vert Conduct:	.00133		
T2:	9300.0003		
D50plek:	578.47374		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

52
NNW
1/2 - 1 Mile
Lower

MI WELLS MI20323351

Wellid:	81000015684	Import id:	Not Reported
County:	Washtenaw	Township:	Salem
Town range:	01S 07E	Section:	35
Owner name:	RONALD & DEBRA NOVAK		
Well addr:	5134 SADDLECREEK		
Well depth:	56		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	2014
Const date:	2004-12-27 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	46		
Screen frm:	46		
Screen to:	56		
Swl:	4		
Test depth:	15		
Test hours:	2		
Test rate:	15	Test methd:	Air
Grouted:	1	Pmp cpcity:	0
Latitude:	42.35261		
Longitude:	-83.57906		
Methd coll:	GPS Code Meas. Std. Positioning Svc. SA Off		
Elevation:	0		
Elev methd:	DEM30M	Depth flag:	Not Reported
Elev flag:	Elevation < DEMmin or Elevation > DEMmax		
Swl flag:	Not Reported		
Elev dem:	840	Elev dif:	840
Elev miv:	840	Aq code:	Drift Well
Aq flag:	Not Reported		
Pct aq d:	36	Pct aq:	36
Pct maq:	0	Pct aq r:	0
Pct maq r:	0	Pct maq d:	0
Pct cm d:	64	Pct cm:	64
Pct pcm:	0	Pct cm r:	0
Pct pcm r:	0	Pct pcm d:	0
Pct na d:	0	Pct na:	0
Pct na r:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	14	A pct aq:	100
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	52	A pct aq2:	38
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	62	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Sand
A sc lmod1:	Not Reported	A sc lmaq1:	AQ
A sc lpct1:	100	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	30
Pct maq 1:	0	Pct cm 1:	70
Pct pcm 1:	0	Pct na 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	D		
Hit swl:	F		
Athk2:	52		
Horiz Conduct:	61.53852		
Vert Conduct:	.00016		
T2:	3200.0032		
D50plek:	272.61478		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
SE
1/2 - 1 Mile

OIL_GAS MIOG50000004660

Api wellno:	21161113410000		
Operator no:	555		
Operator Name:	COLVIN AND ASSOCIATES ELECTRIC STEEL CO		
Operator Status:	Inactive-no active wells at present		
Operator City:	Not Reported	Operator State:	Not Reported
Permit no:	11341		
Lease name:	MEINZINGER, VIOLA		
Well no:	1		
Deepest fmt:	GRWS	Obj fmtn:	Not Reported
Drillerstd:	5692	Truetd:	0
County:	WASHTENAW	Slant:	V
Well type:	Dry Hole	Well status:	Plugging Approved
Source loc:	C	Wh sec:	12
Wh twpn:	2	Wh twpd:	S
Wh rngn:	7	Wh rngd:	E
Wh qq:	SE	Wh qq:	NE
Wh q:	NW		
Wh lat:	42.33206		
Wh long:	-83.55781		
Wh georef :	701075.49		
Wh georef1:	200924.44		
Bh georef :	701075.49		
Bh georef1:	200924.44		
Bh sourcel:	C		
Bh lat:	42.33206		
Bh long:	-83.55781		
Site id:	MIOG50000004660		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Test Type	Zip	Floor	Stop Date	Can 1 Res pCi/L	Can 1 Error	Can 2 Res pCi/L	Can 2 Error
Random	48170	1	12/19/87	LT 0.5			
Random	48170	0	12/5/87	1.0	25.4%		
Random	48170	0	1/22/88	1.0	24.3%		
Random	48170	0	11/18/87	1.2	14.7%		
Random	48170	0	2/18/88	1.6	14.3%		
Random	48170	1	12/5/87	1.6	17.5%		
Random	48170	0	5/10/87	2.4	10.2%		
Geographic	48170	0	3/25/88	1.6	12.5%		

State Database: MI Radon

Radon Test Results

Zip	Less than sign	Pci/L
48170		0.50
48170		8.50
48170		2.30
48170		1.30
48170		4.30
48170		1.70
48170		1.90
48170		5.40
48170	<	0.30
48170		7.00
48170		7.20
48170		7.60
48170		2.60
48170		2.70
48170		3.50
48170		0.60
48170		1.00
48170		3.50
48170		17.70
48170		3.70
48170	<	0.30
48170		7.10
48170		4.70
48170		1.60
48170		1.50
48170		1.70
48170		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

	4.80
48170	16.30
48170	2.50
48170	0.70
48170	23.60
48170	3.20
48170	0.60
48170	5.60
48170	3.60
48170	10.20
48170	0.90
48170	4.20
48170	1.50
48170	1.70
48170	1.60
48170	19.30

Federal EPA Radon Zone for WASHTENAW County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 48170

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.440 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 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.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

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

Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells

Source: Department of Natural Resources and Environment

Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon

Source: Department of Environmental Quality

Telephone: 517-335-9551

Radon Test Results

Michigan Radon Test Results

Source: Department of Environmental Quality

Telephone: 517-335-8037

These results are from test kits distributed by the local health departments and used by Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

STREET AND ADDRESS INFORMATION

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APPENDIX E

INTERVIEW DOCUMENTATION
USER QUESTIONNAIRE
OWNER/OCCUPANT QUESTIONNAIRE

SME Project No. _____

PHASE I ENVIRONMENTAL ASSESSMENT – ALL APPROPRIATE INQUIRY USER QUESTIONNAIRE

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the Brownfields Amendments to CERCLA), the User of a Phase I Environmental Site Assessment (ESA) must consider the issues discussed below as part of the User's All Appropriate Inquiry (AAI) to identify Recognized Environmental Conditions (RECs) associated with the Property. This information should be provided to the Environmental Professional conducting the Phase I ESA so that a complete report can be issued.

The User may decide not to provide this information to the Environmental Professional; however, the absence of the information will be noted in the Phase I ESA report and may affect assessment conclusions. Under these circumstances, it will be the User's responsibility to determine if the Phase I ESA results, combined with results from the tasks described below, is sufficient to satisfy the requirements of All Appropriate Inquiry as defined by federal statute and regulation.

Instructions:

1. Fill in all blanks.
2. Indicate "NA" (not applicable), if appropriate.
3. Attach additional pages with your signature if additional space is required.

Property Name: 9800 Plymouth - Ann Arbor Rd

Property Location: 9800 Plymouth - Ann Arbor Rd.

County: Washtenaw State: Michigan

Questionnaire Completed By/Title: Ben Kraft - Tax Specialist

Company/ Phone Number: Washtenaw County Treasurer, 734-222-6743

On Behalf Of (if applicable): NA

Planned Date of Purchase/Lease (circle one): Expected to be sold at auction 9/16/10

Time Period of Site Knowledge: NA

SME Project No. _____

1. Reason for Phase I ESA

The User of the requested Phase I ESA must make the reason for the Phase I ESA known to the Environmental Professional. Otherwise, it must be assumed that the reason is to qualify for an LLP to CERCLA liability. Please indicate the reason for this Phase I ESA of the Property.

- Due diligence/liability protection for purchase of the Property
 Due diligence/liability protection for lease of the Property
 Mortgage loan or refinance
 Foreclosure
 Other; explain _____

2. Recorded Environmental Cleanup Liens and Activity/Use Limitations

The User is responsible to ascertain, through personal knowledge and/or a review of reasonably ascertainable recorded land and judicial records, if any environmental liens have been filed on the Property and if any activity or use limitations (AULs) have been placed on the Property because of environmental impact. You may engage a title company or other capable professional to undertake the review of reasonably ascertainable records on your behalf.

Have you conducted, or arranged to have conducted, a review of land title records in which recorded liens and activity/use restrictions would be revealed?

- Yes No

If yes, please specify who conducted the review: _____

If yes, please specify the types and locations of records reviewed: _____

Based on your personal knowledge and reviews of title records, are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

- Yes No

If yes, explain briefly: _____

Based on your personal knowledge and reviews of title records, are you aware of any activity and/or use limitations, such as engineering controls, land use restrictions, or institutional controls, that are in place at the property and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

SME Project No. _____

Yes No

If yes, identify the land use limitations/restrictions: _____

3. Specialized Knowledge and Experience

Any specialized knowledge or experience of the User that could indicate, or create suspicion of, the presence environmental contamination on the Property must be considered as part of the AAI process. Specialized knowledge or experience includes familiarity with historic activities on the Property that could result in environmental impact, personal knowledge or experience that would indicate a risk of environmental impact associated with past Property uses, knowledge of the environmental history of the Property, and any other information that could indicate environmental impact or threat of environmental impact on the Property.

As the User of this environmental site assessment, do you have any specialized knowledge or experience related to the Property or adjoining properties?

Yes No

If yes, explain briefly: _____

4. Relationship of Purchase Price to Value

Historically, environmentally contaminated properties often have been sold at prices below market value to entice buyers to acquire the property, contamination, and resultant liabilities; therefore, if a property's sale price is significantly below market value without any obvious impairments or reasons for the reduced price, the potential for environmental impact as a cause of the reduced price must be evaluated.

Does the purchase price being paid for this Property reasonably reflect the fair market value of the property?

Yes No

If there is a significant negative difference, can you identify the reason for the reduced price versus value? If "No" the Property may be assumed to be contaminated.

Yes No

If yes, explain briefly: The property was foreclosed on for non-payment of property taxes and will be sold at auction to recoup the outstanding taxes.

SME Project No. _____

5. Commonly Known or Reasonably Ascertainable Information

Have you become aware, through conversations, rumor, etc., of any commonly known or reasonably ascertainable information within the local community that would indicate the Property could be contaminated (e.g. types of past uses, presence of storage tanks, use of chemicals, environmental cleanups, etc.) or that any past event (e.g. fire, chemical spill, accident, etc.) could have resulted in environmental impact of the Property or adjoining properties.

Yes No

If yes, explain briefly: There is a large V-vessel in back of the building, and a company called "Merchants Automatic Products" owned it at one point, leading me to believe some type of manufacturing went on there.

6. Proceedings Involving the Property

Do you, the User of this environmental site assessment, based on your knowledge and experience related to the property, have any knowledge of any of the following:

- Pending, threatened, or past litigation related to hazardous substances or petroleum products in, on or arising from the Property?

Yes No

If yes, explain briefly: _____

- Pending, threatened, or past administrative proceedings related to hazardous substances or petroleum products in, on or arising from the Property?

Yes No

If yes, explain briefly: _____

- Notices from any governmental entity regarding any possible violation of environmental laws or regulations or possible liability relating to hazardous substances or petroleum products in, on or arising from the Property?

Yes No

If yes, explain briefly: _____

SME Project No. _____

Ben Kraft

Printed Name

7/19/10

Date

Ben Kraft

Signature

APPENDIX F
QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL(S)

Project Consultant

Identifies possible environmental concerns for Phase I Environmental Site Assessments (ESAs), assists with compliance projects, and performs a broad range of tasks related to Toxic Release Inventory (TRI) reporting.

❖ Professional Qualifications:

- Over 13 years of experience in conducting ESAs including report research, site walkover, and report preparation.
- Over 17 years of experience in Toxic Release Inventory (TRI) reporting, including database management, training, conducting site visits, calculating releases, preparing documentation reports, submitting Form Rs, and analyzing data.

❖ Representative Project Experience:

- Managed/conducted over 200 Phase I ESAs throughout the country for individuals, corporations and lending institutions to identify potential environmental liabilities. Assignments have included vacant land, vacant/active manufacturing sites, medical facilities, restaurants, and other commercial facilities.
- Managed a series of Phase I ESAs for the redevelopment of urban residential properties throughout Michigan by non-profit organizations. The ESA scope included requirements to qualify the projects for Michigan State Housing Development Authority (MSHDA) competitive funding to develop new residential units.
- Managed water quality projects for development and commercial clients. Collected water samples and compared analytical results, as well as selected chemical constituents to National Drinking Water Standards.
- Managed and maintained database for TRI release reporting for a major automobile manufacturer for the past 16 reporting years. Modified database to account for correct usage, exemptions, unit of measure conversions, and process descriptions. Included generation of over 250 Form Rs annually for over 40 facilities. Since 1993, the project also included Environment Canada National Pollutant Release Inventory (NPRI) reporting.
- Assisted in management of database for five-year capital spending plan for environmental staff of a major automobile manufacturer. Coordinated with air, water, hazardous waste, pollution prevention, and toxic substance staff specialists to revise projects and track planned expenditures versus actual costs.

❖ Career History: SME since 1997 - Other firms from 1981

❖ Education: B.S., Urban and Regional Planning, Eastern Michigan University
ISO 14001 Environmental Management Systems Implementation Training
ISO 14001 Environmental Management Systems Internal Auditing Training

❖ Certifications: Certified Hazardous Materials Manager (CHMM)
8-Hour HAZWOPER Refresher Training - Health & Safety

❖ Affiliations: American Association of University Women (AAUW) - Plymouth/Canton Chapter – Director of Communications
Inforum (Women’s Economic Club of Detroit)

Mr. Egan provides senior technical consulting and project management expertise in the areas of brownfield redevelopment and financing, site investigation and remediation, environmental due diligence, RCRA Corrective Action, environmental regulatory compliance, and environmental chemistry.

❖ Professional Qualifications:

- 33 years experience in environmental evaluations and consulting, including 13 years experience with the Ohio Voluntary Action Program (VAP).
- Served as Certified Professional (CP) or principal author for 15 No Further Action (NFA) letters for redevelopment projects that received Covenant Not to Sue Status.
- Obtained approximately \$10 million in Clean Ohio Revitalization Fund (CORF) and Clean Ohio Assistance Fund (COAF) grants for redevelopment projects.
- Successfully prepared a U.S. EPA Brownfield Pilot Project grant application.
- Expert in liability management and due care planning for property transactions, brownfield redevelopment planning and environmental response actions, and identification and acquisition of financial incentives for brownfield redevelopments
- Expert at environmental site investigations and development of remediation alternatives for industrial and commercial facilities, UST sites, and RCRA Corrective Action facilities.

❖ Representative Project Experience:

- Successfully prepared the \$2.9 million CORF grant application for Clean Ohio funds to remediate and redevelop a former shingle manufacturing facility in Lockland, Ohio. Funds were used to demolish buildings, remediate impacted soil and install underground utilities. Managed the site investigation, remediation, and redevelopment of the property as well as CORF budgeting and invoicing. Prepared the Phase I and II Property Assessments, Remedial Action Plan, and Remedial Implementation Report.
- Served as the CP for a former asbestos-containing building material manufacturing facility. Prepared a work plan in response to deficiencies contained in a No Further Action Letter prepared by others. The plan addressed trace levels of asbestos in the soil. Recommended and monitored an air sampling plan approved by the State of Ohio. Prepared a revised Phase II Property Assessment, a Property-Specific Risk Assessment, new Executive Summary and Filing Document, and NFA letter for this COAF supported project.
- Served as the CP for a former china manufacturing facility that was redeveloped for commercial and recreational use. The site was heavily impacted with lead requiring remediation of the soil and sediments. Remediation required interagency cooperation between VAP, the Division of Surface Water, Division of Hazardous Waste Management, and the Division of Solid and Infectious Waste. Prepared the Phase I and II Property Assessments, Property-Specific Risk Assessment, Remedial Implementation Report, and the Executive Summary and Filing Document. The project received Covenant Not to Sue status.
- Project manager for the remedial investigation of five Superfund sites in Ohio, Kentucky and California.
- Project manager for underground storage tank sites obtaining No Further Action status for over 50 Ohio sites using a risk-based approach.
- Project manager for over 100 Phase I/II site assessments for due diligence related to property transfers and corporate acquisitions and divestitures in several states.

❖ Career History: SME since May, 2010 - Other firms from 1977

❖ Education: B.S., Environmental Science, University of Arkansas
Graduate Studies in Geology, University of Oklahoma

❖ Registrations: Certified Professional – State of Ohio VAP Program
40-Hour HAZWOPER Course

- Served as the CP for a former scrap metal recycling facility now developed for commercial use. This site was heavily impacted with metals and petroleum hydrocarbons requiring remediation of the soil. Prepared a Property-Specific Risk Assessment, Remedial Implementation Report, and the Executive Summary and Filing Document. The project received Covenant Not to Sue status.
- Project manager for all phases of the VAP project at a lead impacted property in Ohio. Developed a sampling strategy, provided oversight of field activities, and prepared Phase I and II Property Assessments and Remedial Implementation Reports. The project received Covenant Not to Sue status and is being transformed into a residential development.
- Managed all phases of the VAP projects at two aircraft parts machining facilities in Cincinnati, Ohio. Project included development of the sampling strategy, oversight of field activities, and preparation of the Phase II Property Assessment and Project-Specific Risk Assessment reports. A Covenant Not to Sue was issued for both properties.
- Managed the VAP assessment of a former linoleum manufacturing facility now developed for residential use. Project included development of the sampling strategy, oversight of field activities, and preparation of the Project-Specific Risk Assessment report. Remediation of this property was driven by residential direct contact and site-specific leaching standards. During the remediation, continually performed cumulative risk analysis and leaching modeling to assess if the current concentrations remaining at the property posed a risk to human receptors and groundwater. This approach prevented unnecessary soil remediation. A Covenant Not to Sue was issued for this property.
- Managed the VAP activities related to redevelopment of a former paper mill. Developed the sampling strategy, provided oversight of field activities, and prepared the Phase II Property Assessment and Project-Specific Risk Assessment reports. The key to the success of this project was development of a site-specific lead leaching standard based on bench scale leachability tests, the first to be approved by OEPA. A Covenant Not to Sue was issued for this site.