

# **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**196<sup>TH</sup> STREET at HAGUE ROAD  
Noblesville, IN 46062**

**Prepared by:**



**Prepared for:**

**CITY OF NOBLESVILLE  
DEPARTMENT OF ENGINEERING**

**October 26, 2011**

**OCT 27 2011**

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## **EXECUTIVE SUMMARY**

At the request of the City of Noblesville's Department of Engineering, Butler, Fairman, and Seufert, Inc. has conducted a Phase I Environmental Site Assessment (ESA) for the intersection of 196<sup>th</sup> Street and Hague Road (proposed roundabout) that is in general conformance with the scope and limitations of the ASTM E1527-05 Standard. This assessment included a site reconnaissance, personal interviews, and state and federal government records reviews to determine potential recognized environmental conditions affecting the project area. The conclusions and recommendations of this assessment are based on the information provided.

As a result of this investigation, Butler, Fairman and Seufert, Inc. recommend the following:

- A review of available information from the Indiana Geological Survey's Petroleum Database Management System, and the Indiana Department of Natural Resources' Division of Oil and Gas, indicates the possibility of one (1) abandoned natural gas well being located in the immediate southeast quadrant of the subject intersection.

It is recommended that the contractor be made aware of the potential gas well prior to construction. Should a gas well be uncovered during excavation, it is recommended that Mary Estrada, Manager for the Indiana Department of Natural Resources' Division of Oil and Gas, be contacted at (317) 233-0933 to determine the best method for plugging the well hole. New roadway construction over a well that is not properly plugged can possibly result in pressure build-up and weakening of the surface area over the well.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
196<sup>TH</sup> STREET at HAGUE ROAD  
NOBLESVILLE, HAMILTON COUNTY, INDIANA**

**1. INTRODUCTION**

**1.1 Purpose**

The purpose of this Phase I Environmental Site Assessment (ESA) was to evaluate the subject intersection ahead of a proposed roundabout project for conditions that could potentially impair the value and/or opportunity for development. The Phase I ESA provides a historical information base for evaluation of recognized environmental conditions. The conclusions of this document are based upon reasonably ascertainable data obtained from federal, state, and local government agencies and are intended to present a general description of recognized environmental conditions.

**1.2 Scope of Services**

Butler, Fairman and Seufert, Inc., conducted a Phase I ESA, consisting of a site reconnaissance and a preliminary review of reasonably ascertainable information. No soil sample collection or soil borings were completed as part of this evaluation. No monitoring well installation, structural evaluation or analytical testing was undertaken in this assessment. The Phase I ESA included the following items in general conformance with the ASTM E-1527-05 Standard:

1. Identify the property location and conduct a site reconnaissance.
2. Review past land management practices, as which can be determined from such available information as site land use history, aerial photographs, and interviews with proprietors.
3. Observe management practices of the property and adjoining properties, where easily accessible, for the use of hazardous waste materials, solid wastes and other deleterious materials.
4. Evaluate information based on visual reconnaissance and information provided by regulatory agencies contacted regarding adjoining properties and associated potential environmental impairment of current and historical land uses. This included a review of Federal and State databases associated with National Priorities List (NPL) sites; Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) sites; RCRA Hazardous Waste Generators, Transporters, and Disposal facilities; Corrective Action facilities (CORRACTS); U.S. Brownfield sites; Emergency Response Notification System (ERNS); State Hazardous Waste Sites (SHWS); Solid Waste Facilities (SWF); registered Underground Storage Tanks (UST), Leaking Underground Storage Tank (LUST) sites; and Spill reports.
5. Review existing information obtained from County Soil Surveys, National Wetland Inventory Maps, Oil/Gas Well Maps and Quadrangle Maps.
6. Provide photographs of site conditions observed during the reconnaissance.
7. Provide a site plan, layout, and identify any areas of concern.

8. Review historical ownership and past land management practices, as which can be determined from such available information as ownership or title search records, plat plans, site land use history, aerial photographs and interviews with persons knowledgeable about the site.

## **2. SITE INFORMATION**

### **2.1 Site Location**

The subject site is located approximately 2.25 miles northwest of downtown Noblesville, Indiana, and approximately 12 miles northeast of Indianapolis, Indiana. The subject site is also located in Sections 23, 24, 25, and 26, Township 19 North, Range 4 East on the U.S.G.S. Noblesville, Indiana quadrangle all in Noblesville Township, Hamilton County, Indiana.

The proposed roundabout project is expected to acquire a small amount of permanent right-of-way from a residential parcel in the northwest quadrant (7690 E. 196<sup>th</sup> Street / County Parcel Number 10-06-23-04-01-016.000). Permanent right-of-way is also expected to be acquired from agricultural land in the northeast quadrant (0 Hague Road / County Parcel Number 10-06-24-00-00-020.000).

### **2.2 Site History**

#### **2.2.1 Ownership**

Parcel ownership records are especially useful if prior land use cannot clearly be deduced from historic mapping. A cursory review of ownership records for the two parcels potentially impacted by the roundabout project was completed given the obvious land use history taken from historic aerial maps. A summary of the findings are provided below.

7690 E. 196<sup>th</sup> Street / County Parcel Number 10-06-23-04-01-016.000

<u>Owner Name</u>	<u>Dates of Ownership</u>
Byron E. Jr. and Sara E. Gamble	12/08/1997 to present
Geoff Dehaven	12/12/1996 to 12/08/1997
Samuel L. Brown	prior to 12/12/1996

Based on a review of historic aerials, this property was undeveloped agricultural land from at least 1936 to sometime prior to 1974 when the current residential dwelling was constructed. Therefore, an in-depth review of ownership records for the purpose of uncovering past land use that could have impaired the site (i.e. gasoline station, dry cleaners, etc.) is not beneficial.

0 Hague Road / County Parcel Number 10-06-24-00-00-020.000

<u>Owner Name</u>	<u>Dates of Ownership</u>
Chalmer G. and Andrea M. and John L. Hoover, and Linda McCarty	10/25/2001 to present
Berta L. Hoover	06/01/2000 to 10/25/2001
Chalmers and Bertha L. Hoover	prior to 06/01/2000

Based on a review of historic aerials, this property has been maintained as agricultural land since at least 1936. Therefore, an in-depth review of ownership records for the purpose of uncovering past land use that could have impaired the site (i.e. gasoline station, dry cleaners, etc.) is not beneficial.

### **2.2.2 Personal Interviews**

Ms. Morgan Johnson with the Hamilton County Health Department was contacted via email on Tuesday, October 11, 2011 to determine if their office had any records for the subject parcels surrounding the intersection of 196<sup>th</sup> Street and Hague Road. Ms. Johnson indicated that the only record on file was for a septic system installed on the northwest corner of the intersection. No other information was found in the file related to past hazardous waste or environmental spill events near the intersection. See page 1 of Appendix D.

Mr. Matt Mitchell, CFM, Division Chief/Fire Marshall with the City of Noblesville Fire Department was contacted via email on October 11, 2011 to determine if their office had any records regarding the subject site. Chief Mitchell responded via email on October 12, 2011 indicating that their records indicate no presence of hazardous material releases near the intersection. See page 2 of Appendix D.

Ms. Mary Estrada, Manager of the Orphan/Abandoned Sites section of the Indiana Department of Natural Resources' Division of Oil and Gas was contacted via email on October 18, 2011 to determine if there are any detailed records of the mapped abandoned gas well in the southeast quadrant of the subject intersection. Ms. Estrada provided a response the same day indicating that an abandoned well may be present in the project area and, if encountered, their office can be contacted for additional guidance on well closure procedures. Ms. Estrada recommended that any well encountered be properly plugged before construction to avoid future ground stability issues. See page 3 of Appendix D.

Property owners in the northwest and northeast quadrants of the intersection were not available for comment at the time of the site reconnaissance.

### **2.2.3 Environmental Liens**

A search for environmental liens on the property was completed at the Public Access Room on the 3<sup>rd</sup> floor of the Hamilton County Courthouse to determine if the affected parcels hold any possible burdens related to environmental assessment or remediation. No environmental liens were found on either of the subject properties detailed in section 2.2.1.

### **2.2.4 Aerial Maps**

Historic aerial maps were reviewed to determine notable land use changes around the intersection of 196<sup>th</sup> Street and Hague Road over time (see table below). Copies of the aerial maps are included on pages 8-14 of Appendix B.

<b>Aerial Date</b>	<b>Observations / Noted Land Use Changes</b>
1936	All four quadrants of the intersection are under agricultural row crop use. Several trees and agricultural-related structures are also evident on the northwest quadrant.
1956	No discernible land use changes are evident.
1974	Single family residences are apparent in the northwest quadrant of the intersection. Some additional agricultural-related structures are apparent in the northeast quadrant. The southwest and southeast quadrants continue to be used for agricultural row crops.
1985	No discernible land uses changes are evident.
1996	A field drainage ditch paralleling Hague Road is visible in the southwest quadrant. No other discernible land use changes are evident.
2006	A new single family neighborhood appears in the southwest quadrant. The southeast quadrant near the intersection remains undeveloped with new residential development located further south/east. Land use in the northwest and northeast quadrants remains unchanged.
2011	New sidewalk construction is evident in the southwest quadrant, and new multiuse path and neighborhood roadway construction is evident in the southeast quadrant. Land use in the northwest and northeast quadrants remains unchanged.

### **2.2.5 Sanborn Maps**

Sanborn Map coverage is not available for the subject area.

### **2.2.6 Topographic Maps**

According to the current U.S. Geological Survey produced 7.5 minute topographic map for Noblesville, Indiana, the elevation of the subject property is approximately 803 feet above mean sea-level (msl). Surface water flow in the area is generally to the south and east towards Mallery Granger Ditch. A copy of the topographic map is included on page 2 of Appendix B.

### **2.2.7 Soil Survey**

The Natural Resources Conservation Service (NRCS) maintains soil maps online via their Web Soil Survey (<http://websoilsurvey.nrcs.usda.gov/app/>).

The survey identifies the subject area as containing Brookston silty clay loam, map symbol "Br", Crosby silt loam, 0 to 3 percent slopes, map symbol "CrA", and Miami silt loam, 2 to 6 percent slopes, eroded, map symbol "MmB2".

No designations of wetlands, oil or gas wells, or other site disturbances suggesting activities of environmental significance on the site were recorded in the soil survey.

### **2.2.8 National Wetlands Inventory Maps**

The U.S. Fish and Wildlife Service maintain National Wetland Inventory (NWI) maps on the following website <http://wetlandsfws.er.usgs.gov/wtlnds/launch.html>. The NWI map is produced based on aerial photography and limited field verification of potential wetlands areas. Because the areas have not been field verified in most cases, the wetlands inventory is not definitive as to the presence of wetlands. According to the NWI map, no wetlands are located adjacent to the subject intersection.

### **2.2.9 Oil/Gas Wells**

The Indiana Geological Survey maintains the Petroleum Database Management System at the following website <http://igs.indiana.edu/pdms/>. A review of the database revealed no oil and one (1) gas well located near the subject intersection. The gas well was apparently constructed around 1890, has been abandoned, and is located in the southeast quadrant of the subject intersection. The map symbol for this well is "AGAS-L", meaning "abandoned gas, location uncertain". Copies of the Oil and Gas Well map and detailed well information is included on pages 1-2 of Appendix C.

## **2.3 Regulatory Document Review**

A review of State and Federal government records was conducted and reported by Environmental Data Resources, Inc. A copy of these reports is included in Appendix D. Supplementary review was conducted by Butler, Fairman and Seufert, Inc. using IDEM's online Virtual File Cabinet. Findings of the government records review are as follows.

### **2.3.1 National Priority List**

The National Priorities List, a U.S. EPA produced database of CERCLA sites defined as being significantly harmful to human health and/or the environment to warrant clean up under the Superfund program, did not reveal any active National Priority List sites within one mile of the subject site.

### **2.3.2 CERCLIS**

The Comprehensive Environmental Response and Liability Information System (CERCLIS) list is a compilation of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation by the U.S. EPA for the release, or threatened release of hazardous substances. The inclusion of a site on the CERCLIS list does not necessarily constitute a current or immediate environmental concern. Many facilities that have been placed on the CERCLIS list have since been re-evaluated and considered to be unwarranted for further action. A review of the database revealed that there are no CERCLIS facilities located within one-half mile of the project area.

### **2.3.3 RCRA**

The IDEM also provides a record of facilities, which have notified the State as being hazardous waste generators, transporters and/or sorters. The database of archived and active RCRA facilities was reviewed and revealed that there are no RCRA facilities within one-half mile of the subject property.

### **2.3.4 CORRACTS**

The CORRACTS Database includes RCRA sites with reported corrective action taking place, or scheduled to take place. According to the database there are no CORRACTS facilities located within one mile of the subject property.

### **2.3.5 IN Brownfields**

This is a database that identifies industrial or commercial properties that may or may not have environmental contamination, but due to their abandoned or inactive state are perceived to be complicated, and therefore are usually difficult to expand or redevelop. There are no Brownfield sites located within one-half mile of the subject property.

### **2.3.6 State Cleanup List (HWS)**

This database identifies sites in need of remediation, as deemed by the State of Indiana. It also includes sites designated for immediate removal, voluntary cleanup, and hazardous ranked sites listed on the IDEM Commissioner's Bulletin No. 6. According to this database, there are no HWS facilities located within one mile of the subject property.

### **2.3.7 Registered Underground Storage Tanks (UST) / Leaking Underground Storage Tanks (LUST)**

The Indiana Department of Environmental Management, through its Emergency Response Branch, maintains a database filing system for Registered UST facilities and LUST incidents. The Indiana Registered Underground Storage Tank/Leaking Underground Storage Tank (UST/LUST) lists are comprehensive listings of registered underground storage tanks in the State of Indiana and reported leaking incidents. According to the records review, there are no registered UST facilities within one-quarter mile of the project area, and no recorded LUST facilities within one-half mile of the project area.

### **2.3.8 Spills**

The Spills database is a State database system that is used to store information on the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The Spills reporting system contains preliminary information on specific releases which were directly reported to the IDEM, including the spill location, the substance released and the suspected responsible party. A review of the IDEM spill incidents on file with the Emergency Response Branch of IDEM found no recorded spills on the subject site.

### **2.3.9 Tribal Records**

The Tribal Records database lists information on the location of Native American Reservations, and UST/LUST sites located on Native American land. A review of this database revealed that there are no such lands located within one mile of the subject site.

## **2.4 Site Description**

### **2.4.1 Site Reconnaissance**

The project area was visited by Ryan L. Scott, Environmental Specialist with Butler, Fairman and Seufert, Inc., on October 25, 2011 for this evaluation. The time of investigation was between 2-3 PM, and the weather conditions were sunny and 75°F. The reconnaissance was conducted by walking the project area and observing the conditions located therein. Photos of the site are included in Appendix A.

The northwest quadrant of the intersection was found to have overhead electric lines and associated wooden poles running along the west side of Hague Road and the north side of 196<sup>th</sup> Street. One small, in-ground AT&T cable box was noted immediately north of 196<sup>th</sup> Street approximately 35 feet west of Hague Road. The land use in this quadrant is residential consisting of mainly mowed grass and landscaped areas near the intersection with single story residences set back over 50 feet from the roadway. No recognized environmental conditions were noted in this quadrant.

The northeast quadrant of the intersection was found to contain several overhead power line poles and small AT&T cable boxes near the roadway. The quadrant mainly consists of an actively farmed agricultural field that is offset from the road approximately 10 feet by mowed grasses and herbs. An old farm management area approximately 3 acres in size and consisting of mowed grasses, mature trees and several old agricultural structures is situated immediately east of Hague Road approximately 0.1 mile north of the subject intersection. No recognized environmental conditions were noted in this quadrant.

The southwest quadrant of the intersection contains a newly developed single family neighborhood separated from the subject intersection by mowed grass areas, a split rail fence, large AT&T cable boxes on concrete pads and a multiuse asphalt path. The transformer boxes appeared to be in new condition with no evidence of impairment to the surrounding ground. Overhead power lines run along the west side of Hague Road set back behind the multiuse path. No recognized environmental conditions were noted in this quadrant.

The southeast quadrant was found to be currently under residential neighborhood development, which is set back approximately 100 feet from the subject intersection. A multiuse path and grading for neighborhood drainage separates the intersection from the houses. Overhead utility lines are located along the south side of 196<sup>th</sup> Street. The immediate southeast corner of the subject intersection contains a fire hydrant, small AT&T cable boxes and a small landscaped area. Both the south side of 196<sup>th</sup> Street and the east side of Hague Road are currently bordered by mowed grass and herb

areas. No abandoned gas well or other recognized environmental conditions were observed.

## **2.5 Surrounding Land Use**

The general surrounding land use of the area is residential and agricultural. Morse Reservoir Park is located approximately 0.4 miles to the west of the subject intersection. Noblesville Intermediate School is located approximately 0.25 mile north of the subject intersection on the east side of Hague Road. Fox Prairie Golf Course is located approximately 0.25 mile east of the subject intersection on the south side of 196<sup>th</sup> Street. The adjacent properties are identified on the location map included on page 3 of Appendix A.

## **3 SITE ASSESSMENT**

### **3.1 Evaluation**

Based on reasonably ascertainable information, a site review, and data collected as noted herein, we present the following evaluation for the intersection of 196<sup>th</sup> Street and Hague Road.

The subject site is located in the City of Noblesville, Indiana and approximately 11 miles northeast of Indianapolis, Indiana. The subject site is also located in Sections 23, 24, 25, and 26, Township 19 North, Range 4 East on the U.S.G.S. Noblesville, Indiana quadrangle all in Noblesville Township, Hamilton County, Indiana. The general land use surrounding the project area consists of a mixture of several types of suburban land uses including residential, agricultural, recreational and commercial.

A review of governmental records and historical records, combined with a site reconnaissance and personal interviews revealed that the site in its current condition does not pose a threat to the environment or human health.

### **3.2 Conclusions and Recommendations**

An Environmental Site Assessment was performed in general conformance with the scope and limitations of the ASTM E-1527-05 Standard. As a result of this investigation, Butler, Fairman and Seufert, Inc. offer the following conclusions and recommendations:

- A review of available information from the Indiana Geological Survey's Petroleum Database Management System, and the Indiana Department of Natural Resources' Division of Oil and Gas, indicates the possibility of one (1) abandoned natural gas well being located in the immediate southeast quadrant of the subject intersection.

It is recommended that the contractor be made aware of the potential gas well prior to construction. Should a gas well be uncovered during excavation, it is recommended that Mary Estrada, Manager for the Indiana Department of Natural Resources' Division of Oil and Gas, be contacted at (317) 233-0933 to determine

the best method for plugging the well hole. New roadway construction over a well that is not properly plugged can possibly result in pressure build-up and weakening of the surface area over the well.

#### **4. OTHER CONSIDERATIONS**

##### **4.1 Data Gaps**

Data gaps occur when there is a lack of obtainable information with relation to the Phase I Environmental Site Assessment and its required practices. No significant data gaps were encountered in this investigation.

##### **4.2 Limitations of the Study**

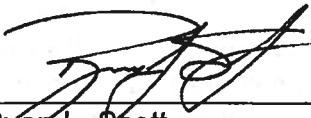
The conclusions of this report are based solely upon observations made during the site reconnaissance and data obtained from Federal, State and Local government agencies, as well as personal interviews. This report is intended to present a general description as to the suitability of the present use of the property, which is not to be construed as relating to health and safety issues. This report should not be construed as verification of compliance by the present owners or operators of the site with federal, state or local laws and regulations.

The accuracy of the conclusions made from this information is inherently based on the accuracy of the information provided. The conclusions drawn as a result of this evaluation are deemed as appropriate by the consultant in the exercise of professional judgment. While little was observed that would indicate conditions existing beyond those discussed, it is possible that limitation of scope precluded recognition of contamination present at the site.

##### **4.3 Qualifications of the Environmental Professional**

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 this part.

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 standards and practices set forth in 40 CFR Part 312.

  
\_\_\_\_\_  
Ryan L. Scott  
Environmental Professional  
Butler, Fairman and Seufert, Inc.

10-26-2011  
\_\_\_\_\_  
Date

#### 4.4 References

Environmental Data Resources, Inc., October 4, 2011. *The EDR Radius Map™ Report with GeoCheck®. Inquiry Number: 3178332.1s.*

Indiana Department of Environmental Management. 2011. *Virtual File Cabinet.* <http://12.186.81.89/Pages/Public/Search.aspx>.

Indiana Geological Survey, Indiana University. 2011. *Petroleum Database Management System.* <http://igs.indiana.edu/pdms/>

Natural Resources Conservation Service. 2011. *Web Soil Survey.* <http://websoilsurvey.nrcs.usda.gov/app/>

U.S. Fish and Wildlife Service. 2011. *National Wetlands Inventory.* <http://www.fws.gov/wetlands/Data/mapper.html>

Hamilton County Online Maproom. 2011. <http://gis.hamiltoncounty.in.gov/FlexViewer/Index.html>

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Mary Estrada, Manager, Orphan/Abandoned Sites	
Indiana Department of Natural Resources, Division of Oil and Gas	D3

PHASE I ESA

196<sup>th</sup> Street and Hague Road  
City of Noblesville, Hamilton County, Indiana

# Appendix A: Location Maps and Site Photographs

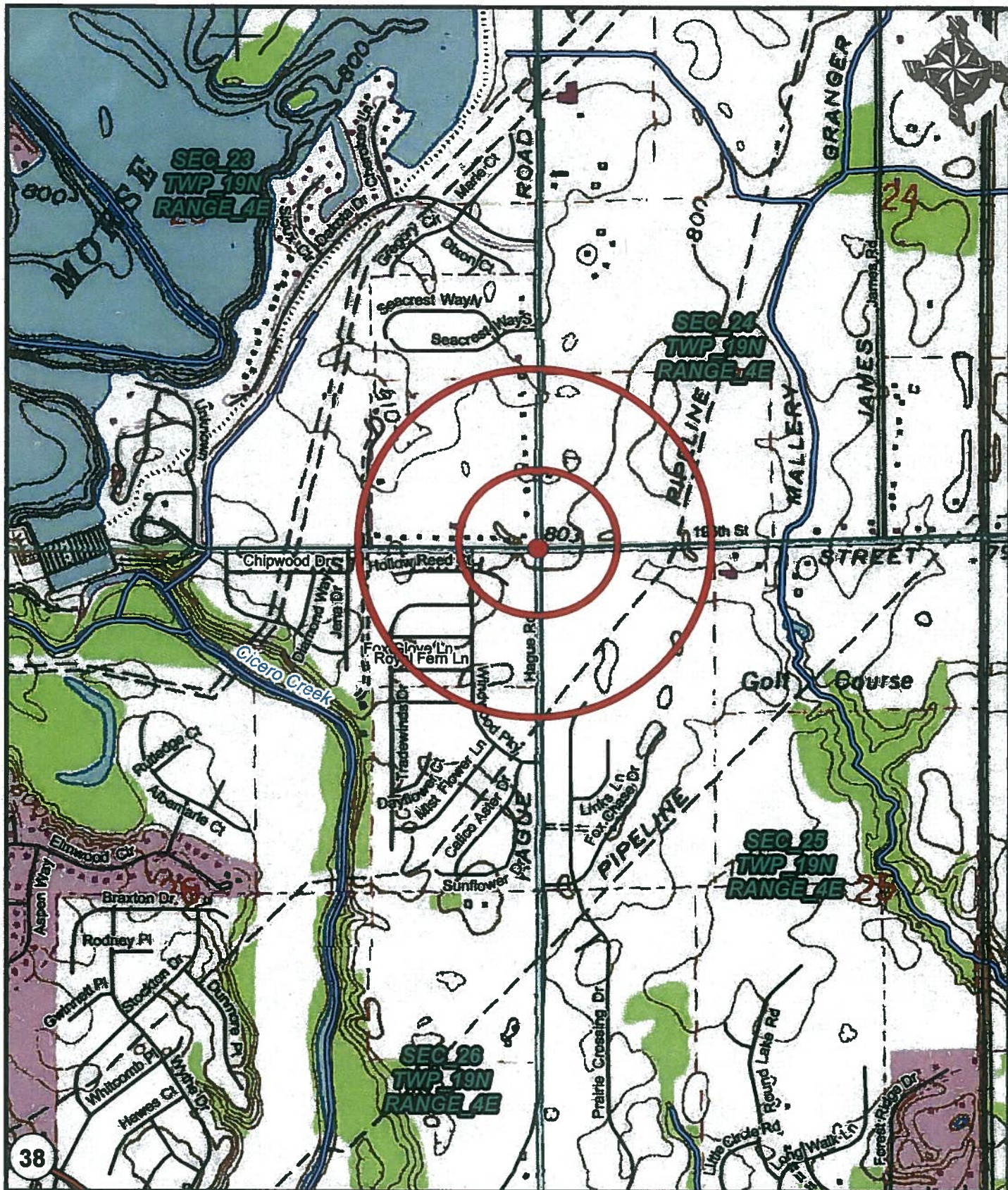
Subject Site



**State Map**

Phase I Environmental Site Assessment  
196<sup>th</sup> Street at Hague Road  
City of Noblesville, Hamilton County, Indiana

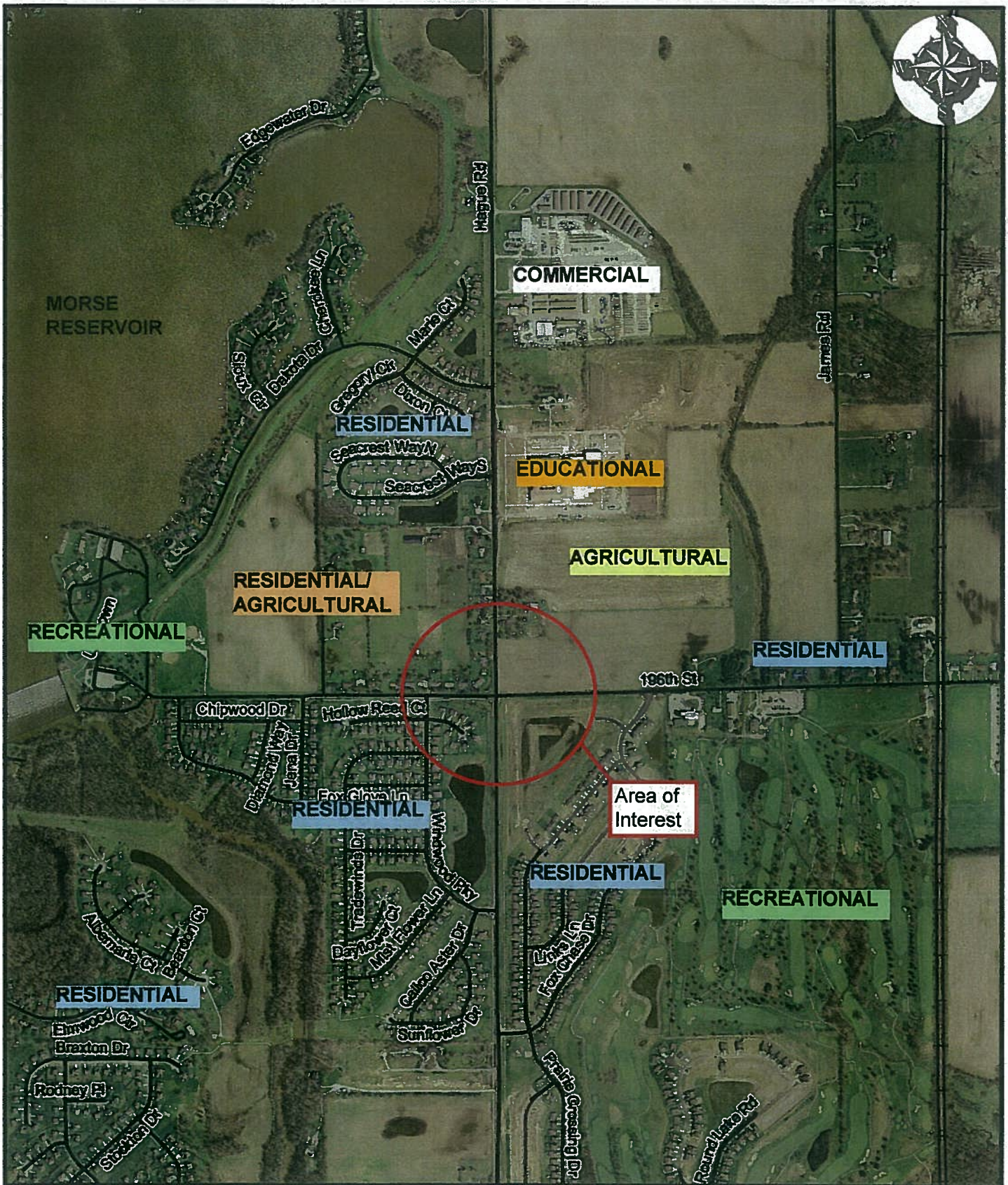
No Scale



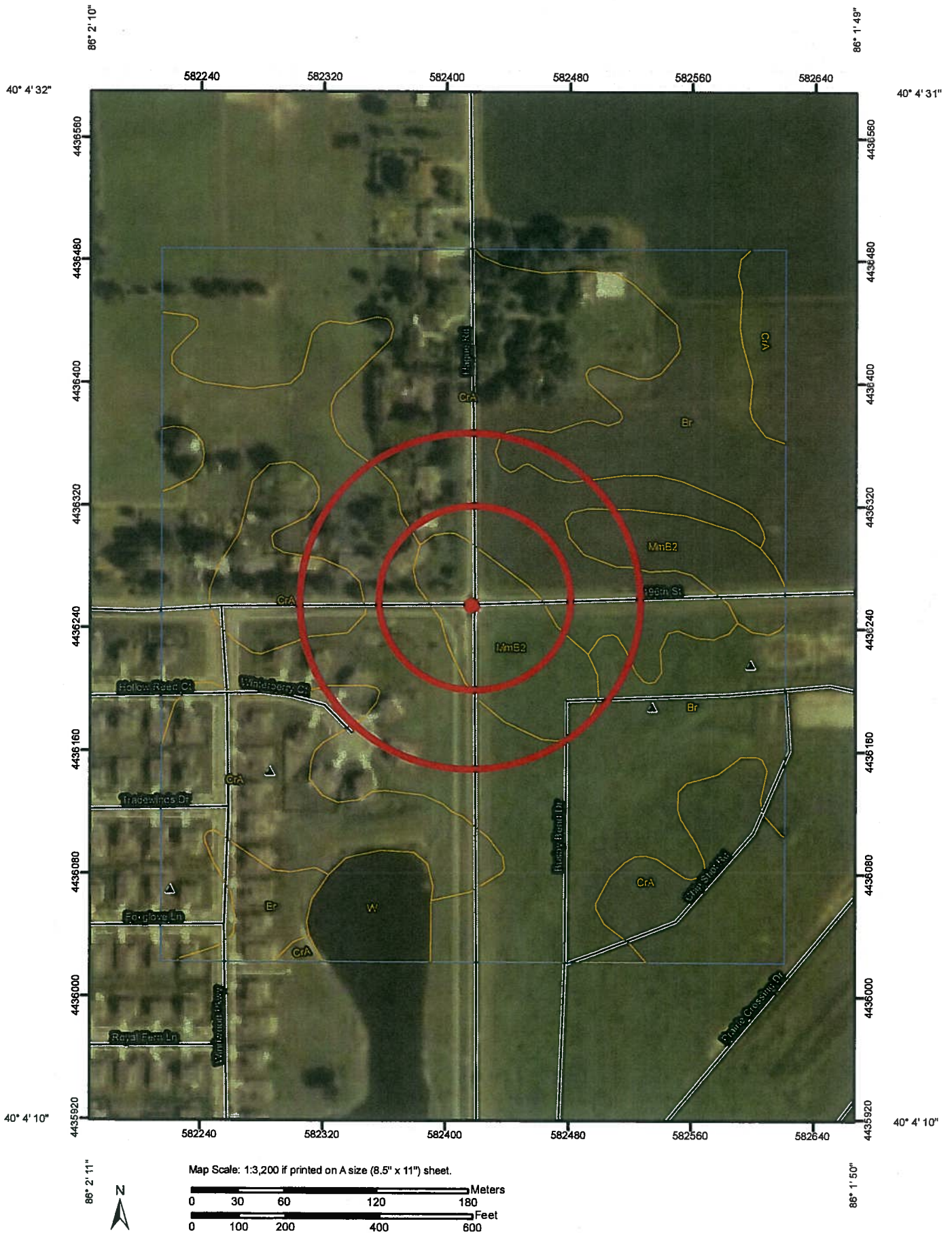
**BF&S**  
Butler Fairman Seufert  
CIVIL ENGINEERS

0 250 500 1,000 Feet

**Subject Property: 196th Street / Hague Road**  
 USGS Noblesville, IN Quadrangle  
 Sections 23, 24, 25 and 26, Township 19N, Range 4E



Soil Map—Hamilton County, Indiana  
(196th Street at Hague Road)



## MAP LEGEND

	Area of Interest (AOI)		Very Stony Spot
	Soils		Wet Spot
	Soil Map Units		Other
	Special Point Features		Special Line Features
	Blowout		Gully
	Borrow Pit		Short Steep Slope
	Clay Spot		Other
	Closed Depression		Political Features
	Gravel Pit		Cities
	Gravelly Spot		Water Features
	Landfill		Streams and Canals
	Lava Flow		Transportation
	Marsh or swamp		Rails
	Mine or Quarry		Interstate Highways
	Miscellaneous Water		US Routes
	Perennial Water		Major Roads
	Rock Outcrop		Local Roads
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slip		
	Sodic Spot		
	Spoil Area		
	Stony Spot		

## MAP INFORMATION

Map Scale: 1:3,200 if printed on A size (8.5" x 11") sheet.  
The soil surveys that comprise your AOI were mapped at 1:15,840.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
Coordinate System: UTM Zone 16N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Hamilton County, Indiana  
Survey Area Data: Version 11, Apr 18, 2011

Date(s) aerial images were photographed: 8/18/2003

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Hamilton County, Indiana (IN057)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Br	Brookston silty clay loam	20.0	42.8%
CrA	Crosby silt loam, 0 to 3 percent slopes	21.8	46.6%
MmB2	Miami silt loam, 2 to 6 percent slopes, eroded	3.6	7.8%
W	Water	1.3	2.7%
Totals for Area of Interest		46.8	100.0%



U.S. Fish and Wildlife Service

# National Wetlands Inventory

196th Street at  
Hague Road

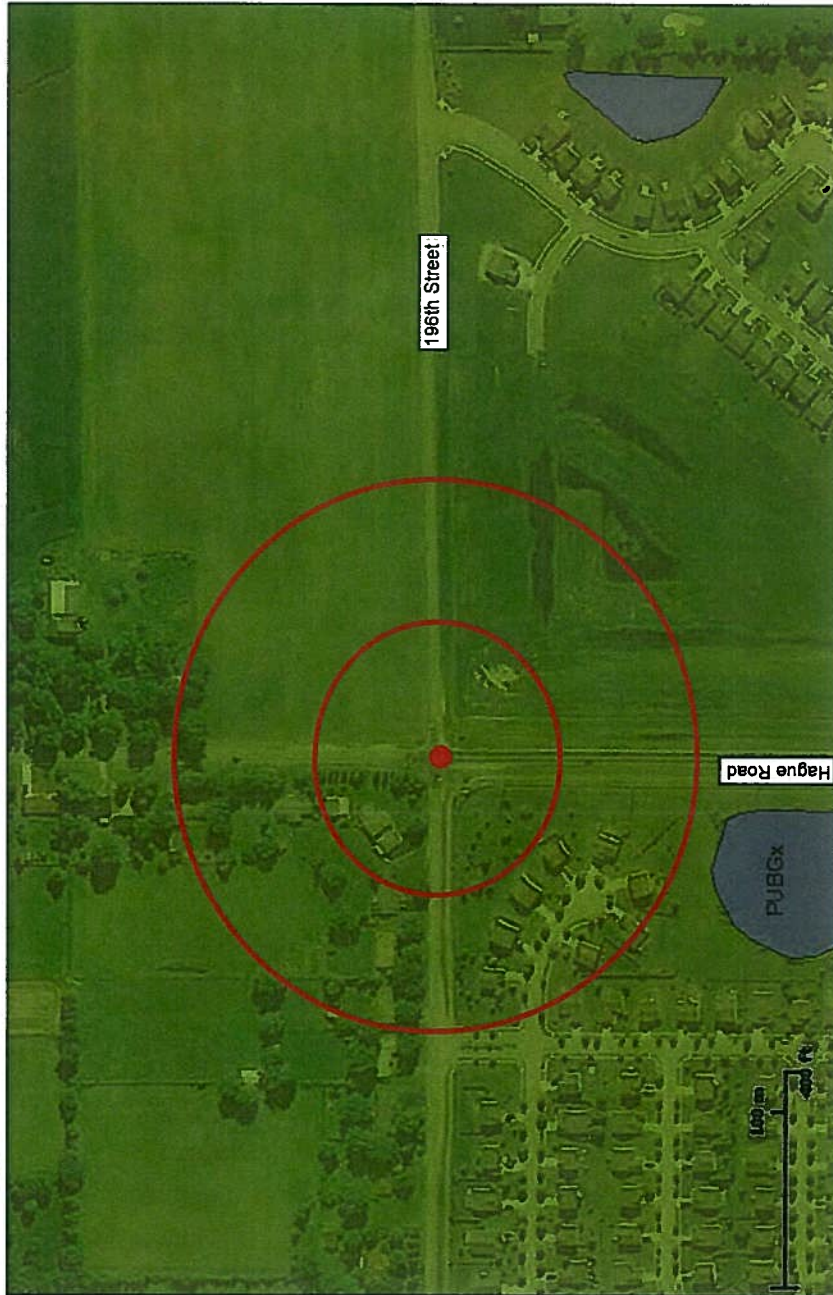
Oct 11, 2011

## Wetlands

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

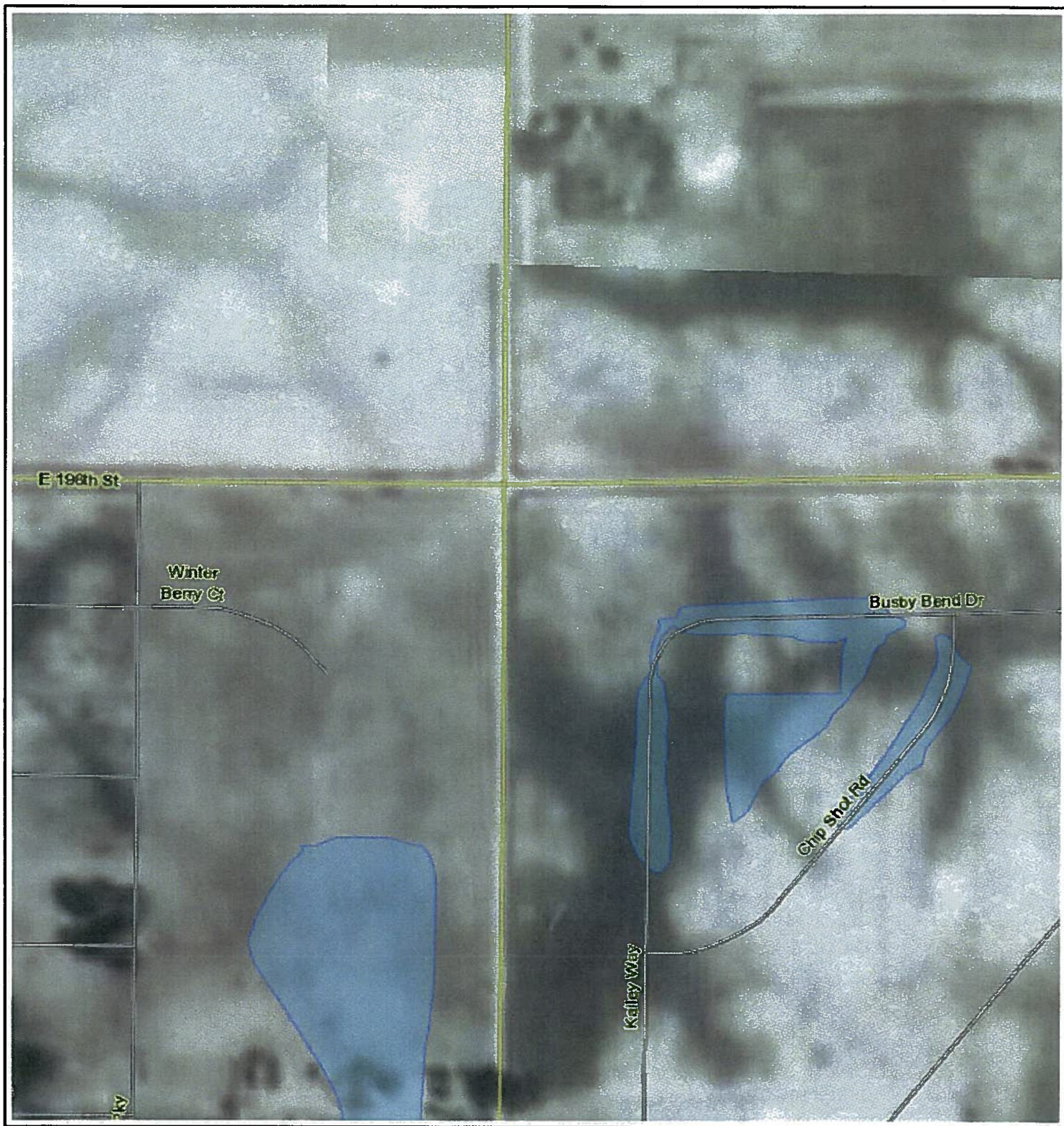
## Status

- Digital
- Scan
- Non-Digital
- No Data



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

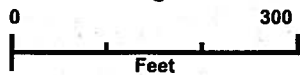
User Remarks:



# Hamilton County

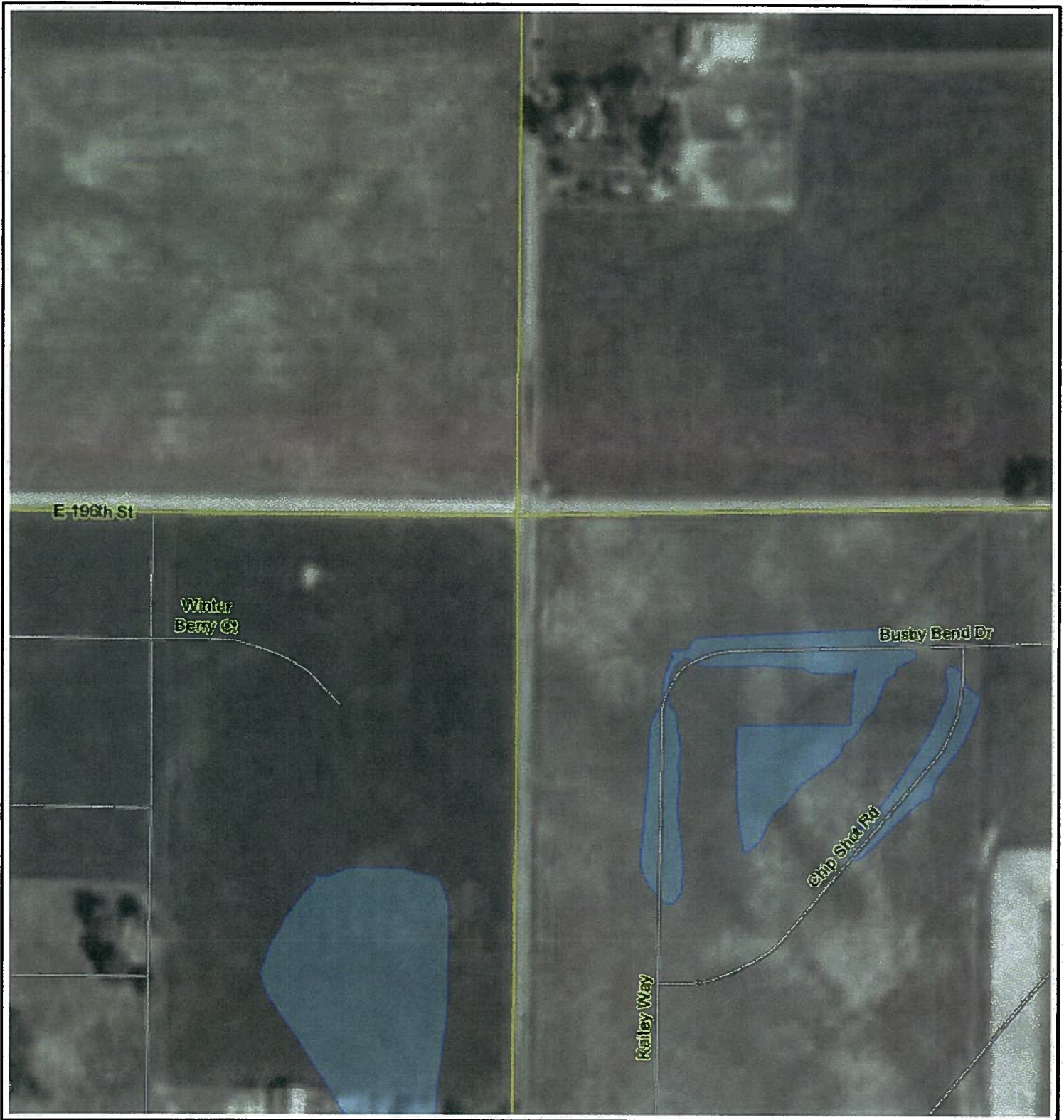
## 196th Street at Hague Road (1936 Aerial)

Printed: Oct 11, 2011



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# Hamilton County

## 196th Street at Hague Road (1956 Aerial)

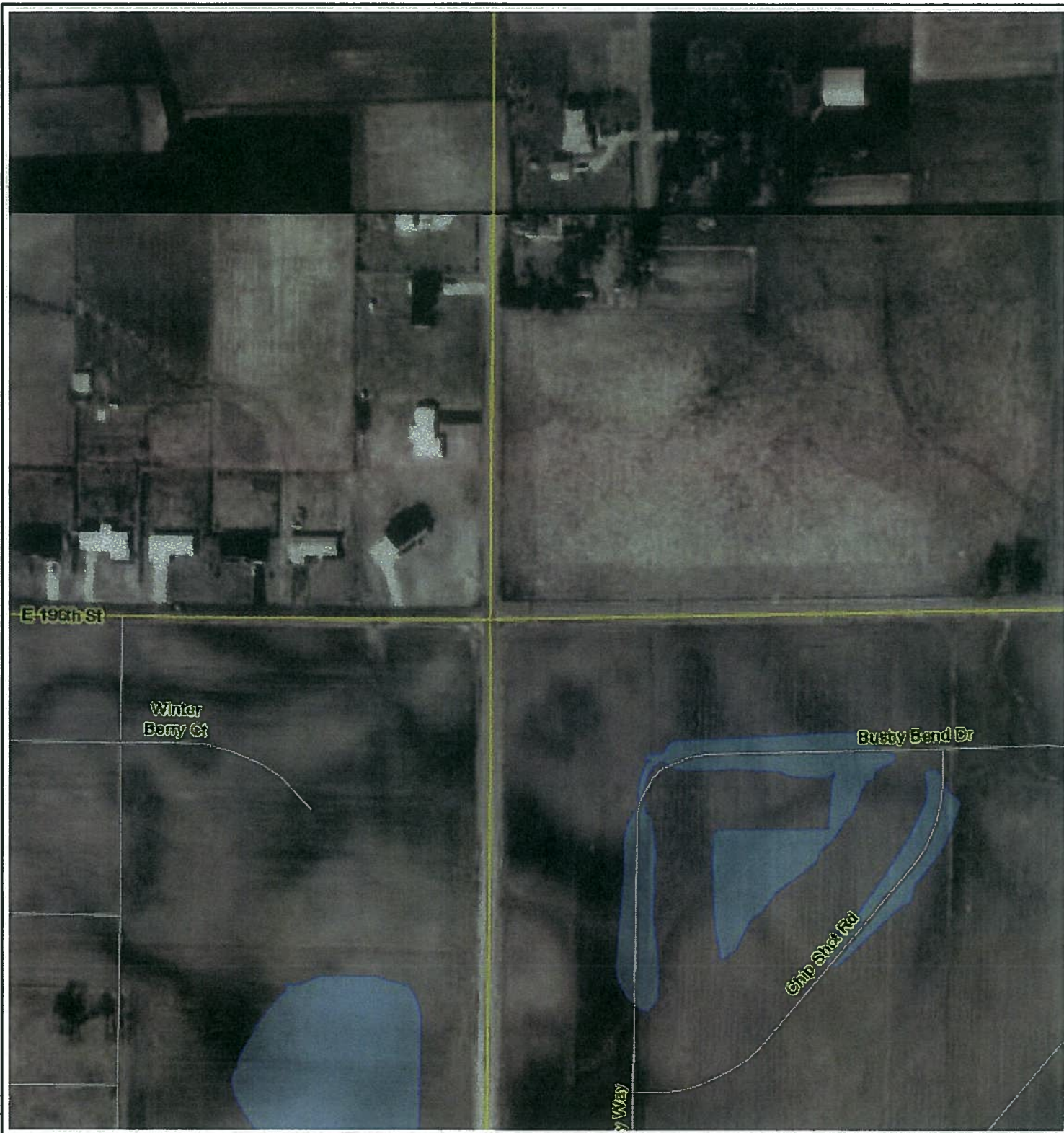
Printed: Oct 11, 2011



0 300  
Feet

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# Hamilton County

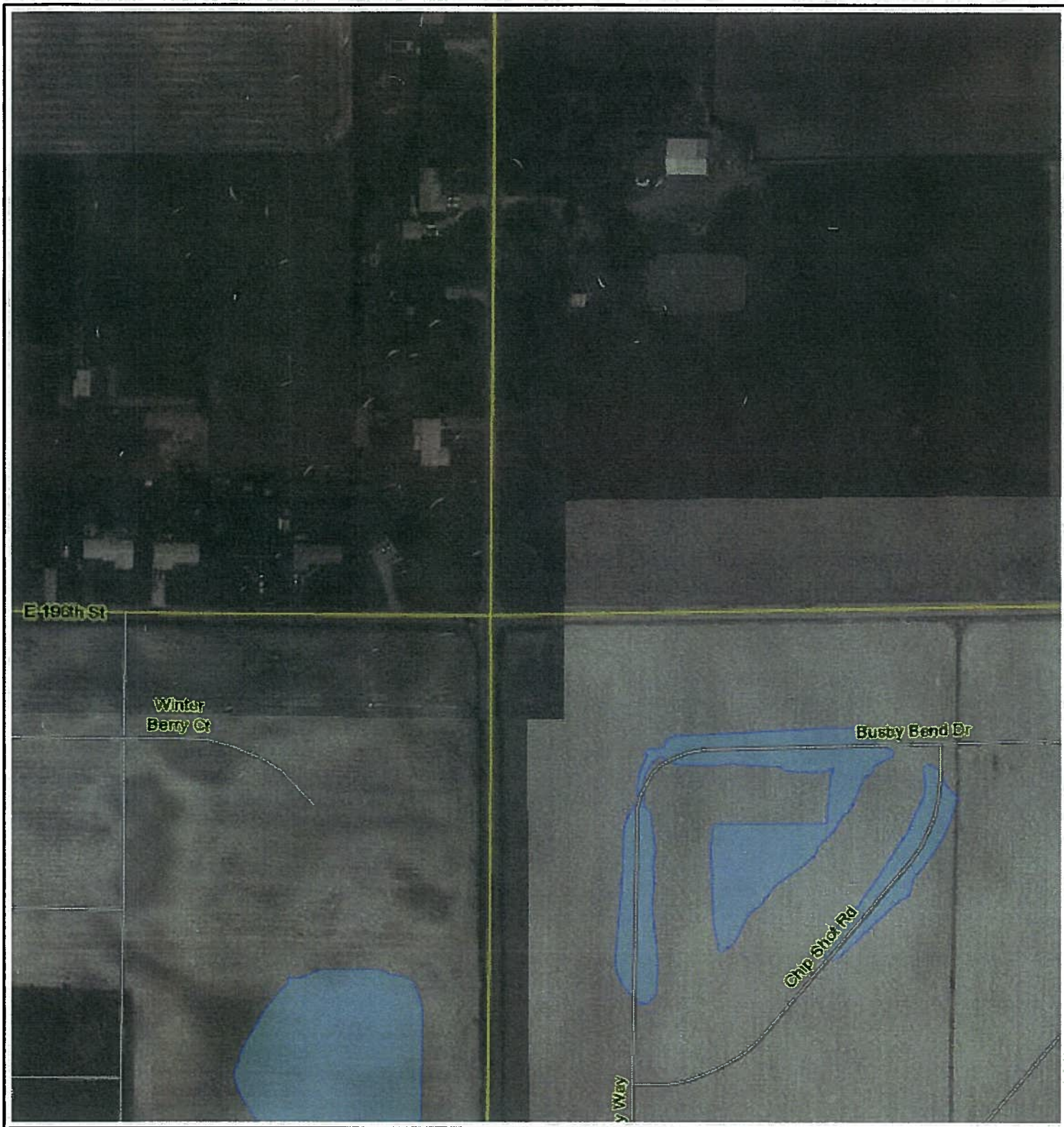
## 196th Street at Hague Road (1974 Aerial)

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# Hamilton County

## 196th Street at Hague Road (1985 Aerial)

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Feet

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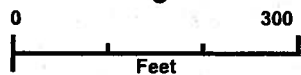
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# Hamilton County

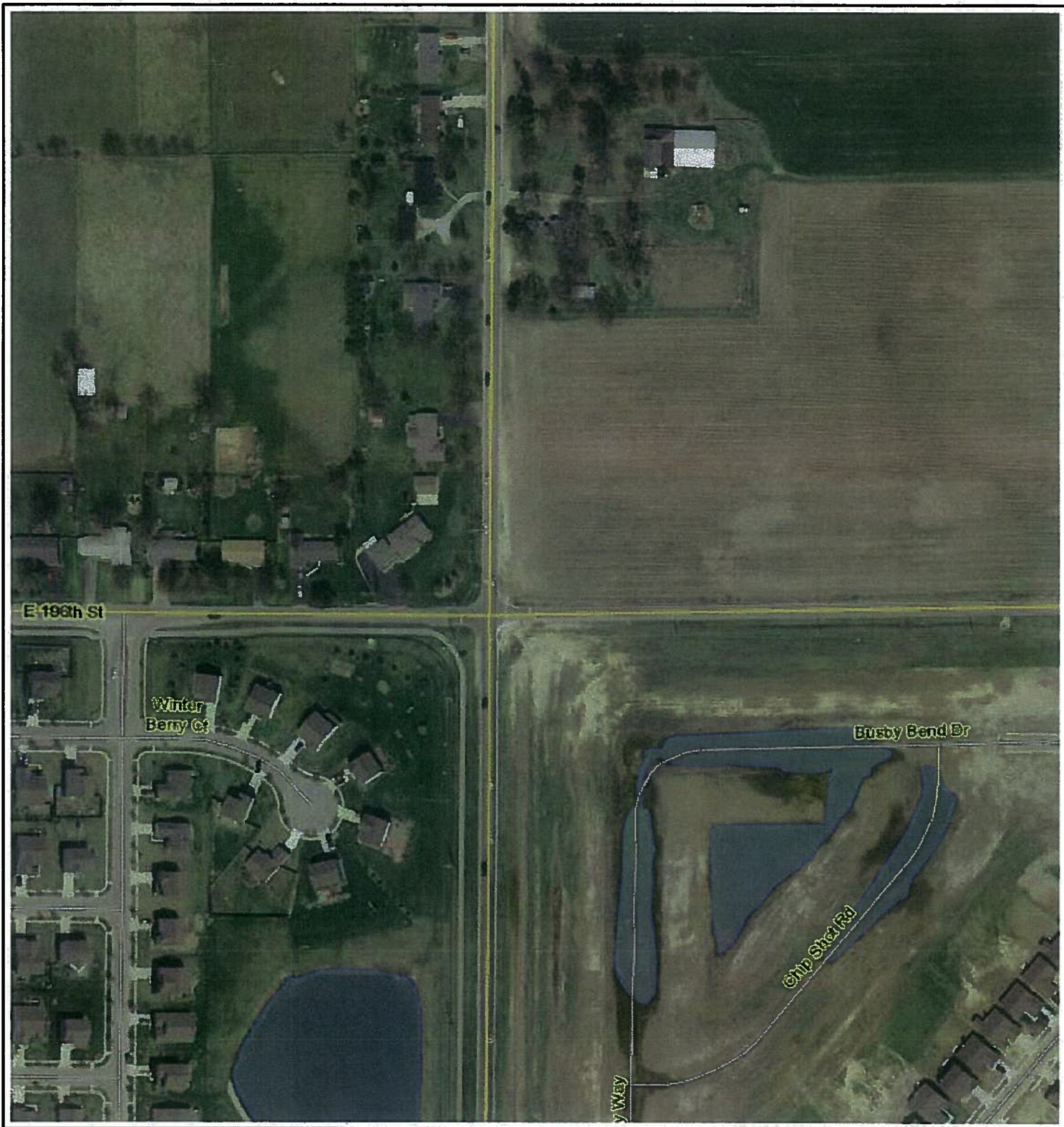
## 196th Street at Hague Road (1996 Aerial)

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# Hamilton County

## 196th Street at Hague Road (2006 Aerial)

Printed: Oct 11, 2011



0 300  
Feet

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# Hamilton County

## 196th Street at Hague Road (2011 Aerial)

Printed: Oct 11, 2011



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PHASE I ESA

196<sup>th</sup> Street and Hague Road  
City of Noblesville, Hamilton County, Indiana

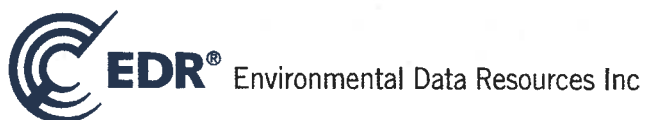
# Appendix B: EDR® Provided Reports

Appendix B: EDR® Provided Reports

**196th Street At Hague Road**  
E 196th St At Hague Rd  
Noblesville, IN 46062

Inquiry Number: 3178332.1s  
October 04, 2011

## The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://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

E 196TH ST AT HAGUE RD  
NOBLESVILLE, IN 46062

#### COORDINATES

Latitude (North):	40.072500 - 40° 4' 21.0"
Longitude (West):	86.033400 - 86° 2' 0.2"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	582424.2
UTM Y (Meters):	4436041.5
Elevation:	802 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40086-A1 NOBLESVILLE, IN
Most Recent Revision:	1998

### AERIAL PHOTOGRAPHY IN THIS REPORT

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

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

NPL..... National Priority List

## EXECUTIVE SUMMARY

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

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

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

### ***Federal 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..... List of Hazardous Waste Response Sites Scored Using the Indiana Scoring Model

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

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

### ***State and tribal leaking storage tank lists***

LUST..... Lust Leaking Underground Storage Tank List  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

UST..... Indiana Registered Underground Storage Tanks

## EXECUTIVE SUMMARY

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

### ***State and tribal institutional control / engineering control registries***

AUL..... Sites with Restrictions

### ***State and tribal voluntary cleanup sites***

VCP..... Voluntary Remediation Program Site List  
INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Brownfields Site List

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

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

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

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

#### ***Local Lists of Hazardous waste / Contaminated Sites***

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

#### ***Local Land Records***

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

#### ***Records of Emergency Release Reports***

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

#### ***Other Ascertainable Records***

RCRA-NonGen..... RCRA - Non Generators  
DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
UMTRA..... Uranium Mill Tailings Sites

## EXECUTIVE SUMMARY

MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
NPDES.....	NPDES Permit Listing
BULK.....	Registered Bulk Fertilizer and Pesticide Storage Facilities
MANIFEST.....	Hazardous Waste Manifest Data
DRYCLEANERS.....	Drycleaner Facility Listing
AIRS.....	Permitted Sources & Emissions Listing
TIER 2.....	Tier 2 Facility Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
COAL ASH.....	Coal Ash Disposal Sites
SCP.....	State Cleanup Program Sites
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database

### EDR PROPRIETARY RECORDS

#### ***EDR Proprietary Records***

Manufactured Gas Plants.....	EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations.....	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners.....	EDR Proprietary Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

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

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 6 records.

Site Name

HAMILTON COUNTY TRANSFER STATION  
DEPCO INC  
CORNER OF SHERMAN AND 2ND STREET  
CORNER OF STATE ROAD 32 & 18  
STATE ROAD 38 WEST OF NOBLESVILLE  
PLEASANT STREET PROPERTIES, LLC

Database(s)

SWF/LF, FINANCIAL ASSURANCE  
RCRA-CESQG, FINDS, MANIFEST  
ERNS  
ERNS  
ERNS  
FINDS

# OVERVIEW MAP - 3178332.1s



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

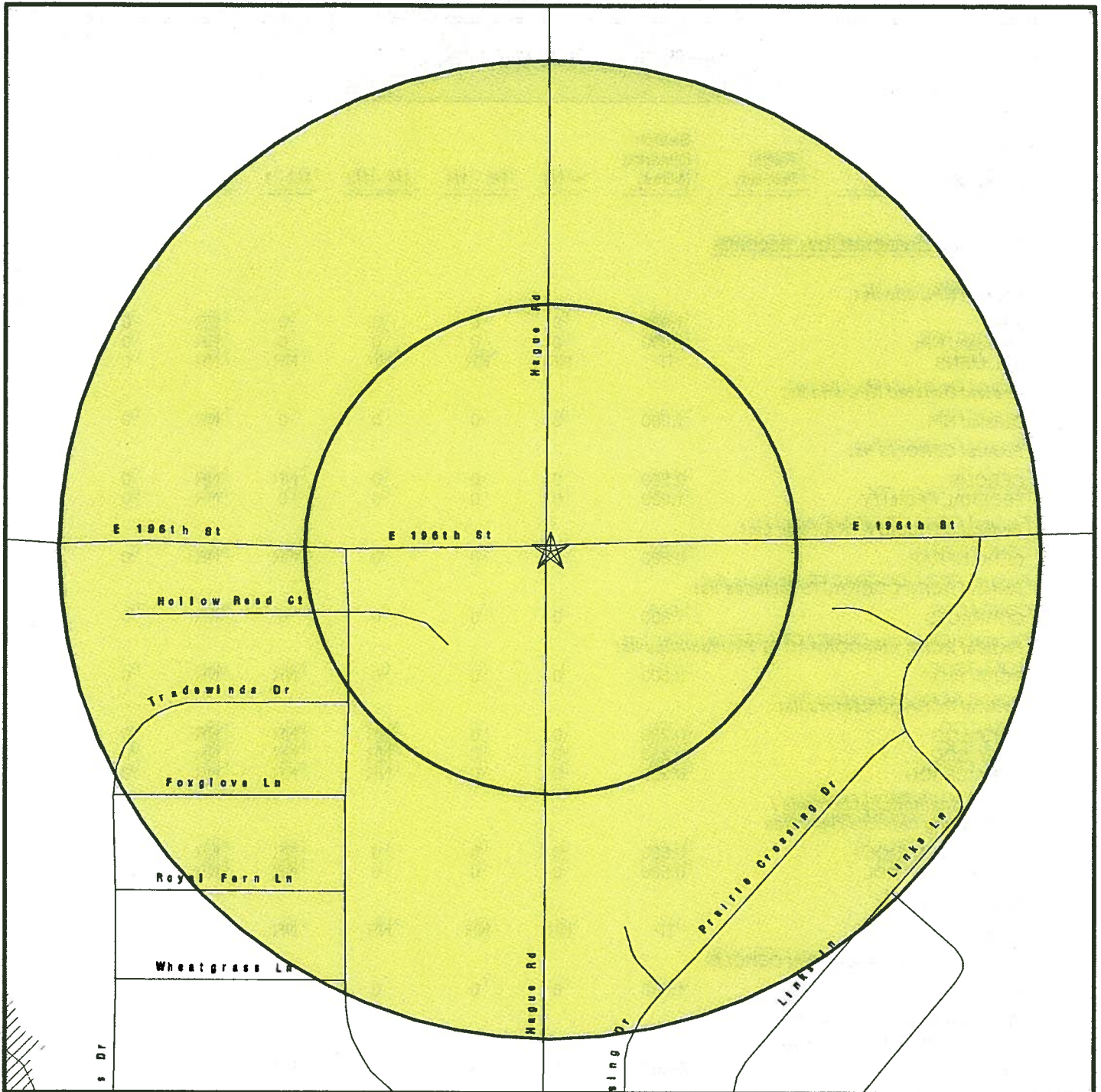
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

**SITE NAME:** 196th Street At Hague Road  
**ADDRESS:** E 196th St At Hague Rd  
 Noblesville IN 46062  
**LAT/LONG:** 40.0725 / 86.0334

**CLIENT:** Butler, Fairman & Seufert  
**CONTACT:** Ryan Scott  
**INQUIRY #:** 3178332.1s  
**DATE:** October 04, 2011 11:48 am

B8

# DETAIL MAP - 3178332.1s



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

- ▨ Indian Reservations BIA
- ▨ Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone



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:** 196th Street At Hague Road  
**ADDRESS:** E 196th St At Hague Rd  
 Noblesville IN 46062  
**LAT/LONG:** 40.0725 / 86.0334

**CLIENT:** Butler, Fairman & Soufert  
**CONTACT:** Ryan Scott  
**INQUIRY #:** 3178332.1s  
**DATE:** October 04, 2011 11:49 am

B9

## 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
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Federal NPL site list</i></b>								
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
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS		1.000	0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
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
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS		TP	NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS		1.000	0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF		0.500	0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
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
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
AUL		0.500	0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
BULK		0.250	0	0	NR	NR	NR	0
MANIFEST		0.250	0	0	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
TIER 2		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
SCP		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0

### EDR PROPRIETARY RECORDS

#### ***EDR Proprietary Records***

Manufactured Gas Plants	1.000	0	0	0	0	NR	0
EDR Historical Auto Stations	0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners	0.250	0	0	NR	NR	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

NO SITES FOUND

Count: 6 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HAMILTON COUNTY	2011981200	CORNER OF SHERMAN AND 2ND STREET	CORNER OF SHERMAN AND 2ND STRE	46060	ERNS
NOBLESVILLE	1004700449	DEPCO INC	11827 HWY 238	0	RCRA-CESQG, FINDS, MANIFEST
NOBLESVILLE	2002599044	CORNER OF STATE ROAD 32 & 18	CORNER OF STATE ROAD 32 & 18	46060	ERNS
NOBLESVILLE	S106599750	HAMILTON COUNTY TRANSFER STATION	11735 GREENFIELD AVE	46060	SWFLF, FINANCIAL ASSURANCE
NOBLESVILLE	99639062	STATE ROAD 38 WEST OF NOBLESVILLE	STATE ROAD 38 WEST OF NOBLESVI	46060	ERNS
NOBLESVILLE	1012079674	PLEASANT STREET PROPERTIES, LLC	WETLANDS SITE OBSERVED	46060	FINDS

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

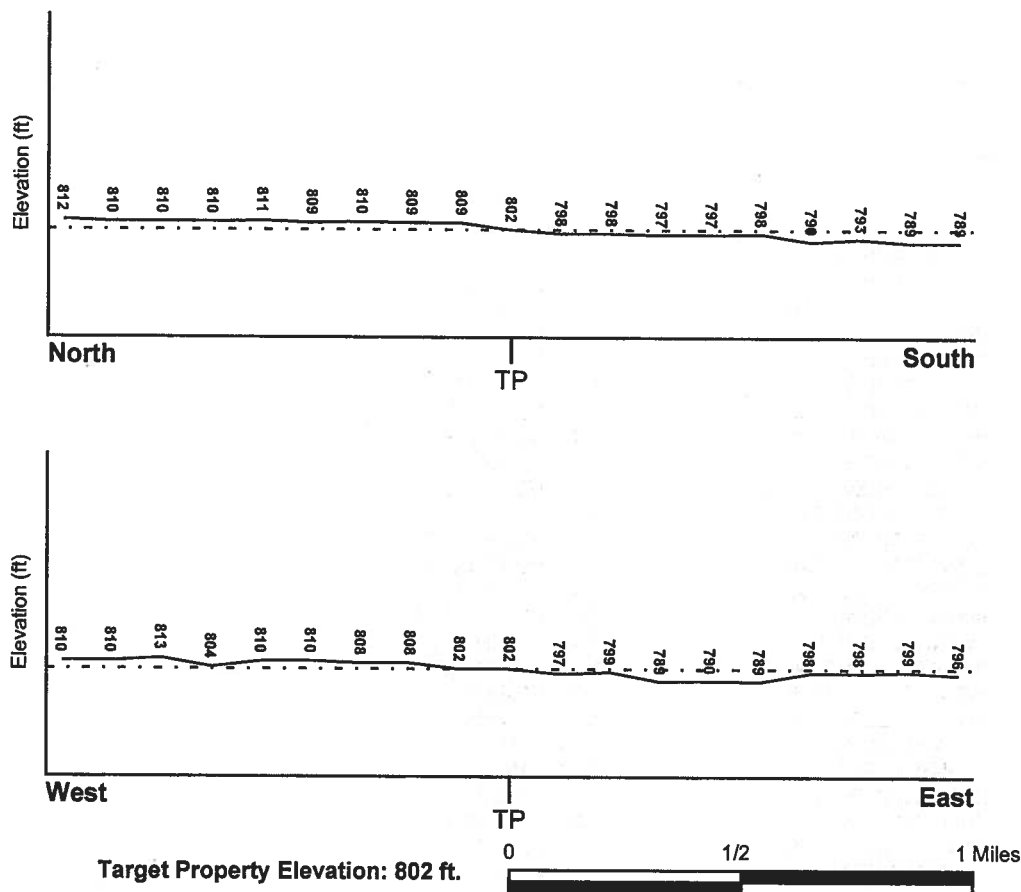
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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

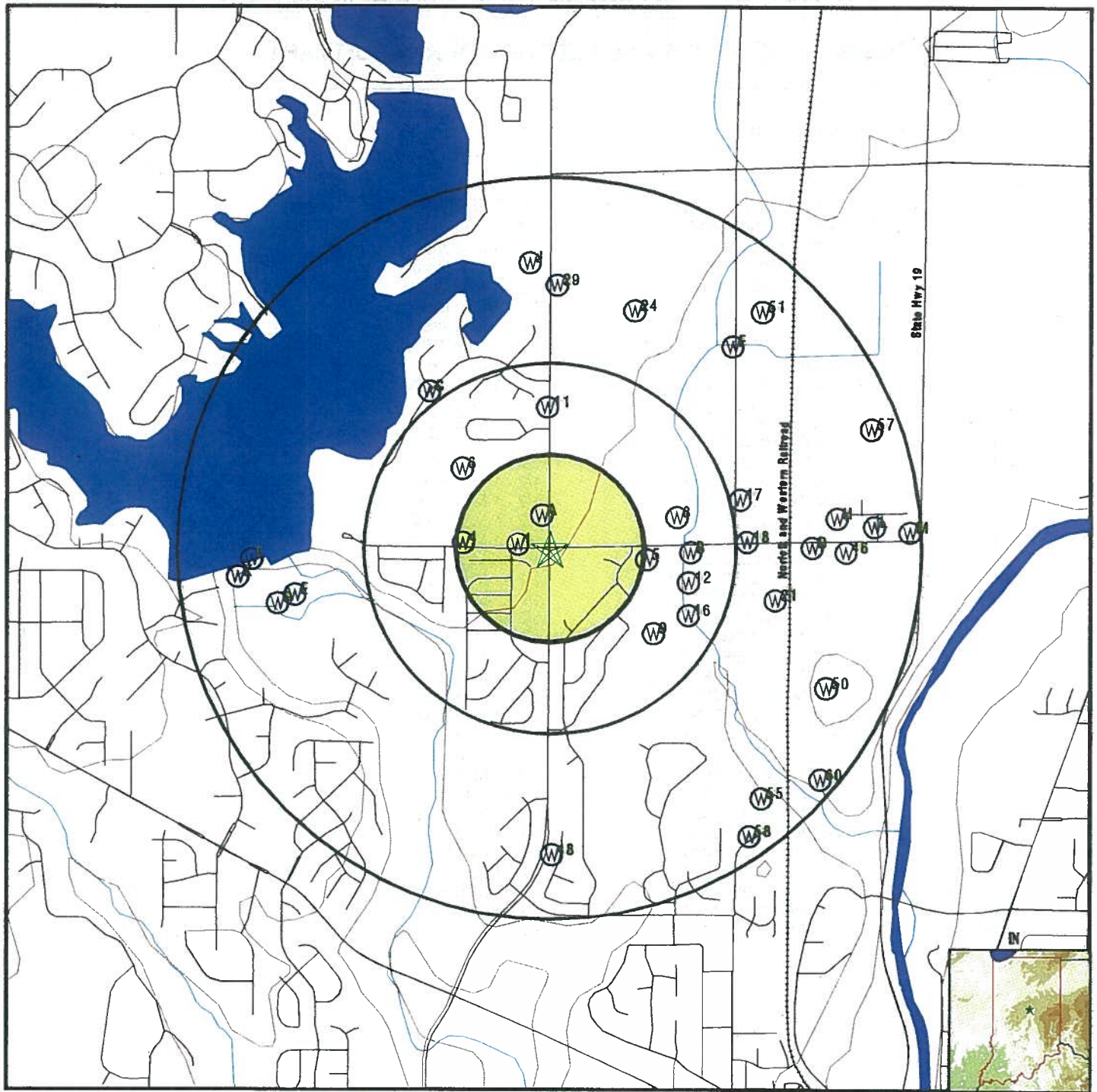
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	INDNR1000067211	0 - 1/8 Mile West
A2	INDNR1000067288	0 - 1/8 Mile NNW
A3	INDNR1000067306	0 - 1/8 Mile North
4	INDNR1000067214	1/8 - 1/4 Mile West
5	INDNR1000067175	1/4 - 1/2 Mile East
6	INDNR1000067410	1/4 - 1/2 Mile NW
B7	INDNR1000067198	1/4 - 1/2 Mile East
8	INDNR1000067289	1/4 - 1/2 Mile ENE
9	INDNR1000066969	1/4 - 1/2 Mile SE
B10	INDNR1000067144	1/4 - 1/2 Mile East
11	INDNR1000067574	1/4 - 1/2 Mile North
12	INDNR1000067122	1/4 - 1/2 Mile ESE
B13	INDNR1000067220	1/4 - 1/2 Mile East
B14	INDNR1000067199	1/4 - 1/2 Mile East
B15	INDNR1000067200	1/4 - 1/2 Mile East
16	INDNR1000067025	1/4 - 1/2 Mile ESE
17	INDNR1000067356	1/2 - 1 Mile ENE
18	INDNR1000067216	1/2 - 1 Mile East
C19	INDNR1000067605	1/2 - 1 Mile NW
C20	INDNR1000067606	1/2 - 1 Mile NW
21	INDNR1000067076	1/2 - 1 Mile ESE
D22	INDNR1000067221	1/2 - 1 Mile East
E23	INDNR1000067126	1/2 - 1 Mile West
24	INDNR1000067758	1/2 - 1 Mile NNE
D25	INDNR1000067218	1/2 - 1 Mile East

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E26	INDNR1000067051	1/2 - 1 Mile WSW
E27	INDNR1000067088	1/2 - 1 Mile West
F28	INDNR1000067697	1/2 - 1 Mile NE
29	INDNR1000067827	1/2 - 1 Mile North
E30	INDNR1000067087	1/2 - 1 Mile West
D31	INDNR1000067194	1/2 - 1 Mile East
G32	INDNR1000067039	1/2 - 1 Mile WSW
G33	INDNR1000067071	1/2 - 1 Mile WSW
F34	INDNR1000067725	1/2 - 1 Mile NE
G35	INDNR1000067040	1/2 - 1 Mile WSW
D36	INDNR1000067192	1/2 - 1 Mile East
F37	INDNR1000067705	1/2 - 1 Mile NE
F38	INDNR1000067711	1/2 - 1 Mile NE
G39	INDNR1000067078	1/2 - 1 Mile West
H40	INDNR1000067263	1/2 - 1 Mile East
I41	INDNR1000067178	1/2 - 1 Mile West
J42	INDNR1000067896	1/2 - 1 Mile North
J43	INDNR1000067897	1/2 - 1 Mile North
G44	INDNR1000067083	1/2 - 1 Mile West
H45	INDNR1000067320	1/2 - 1 Mile East
46	INDNR1000067195	1/2 - 1 Mile East
K47	INDNR1000067108	1/2 - 1 Mile West
48	INDNR1000066370	1/2 - 1 Mile South
I49	INDNR1000067173	1/2 - 1 Mile West
50	INDNR1000066813	1/2 - 1 Mile ESE
51	INDNR1000067757	1/2 - 1 Mile NE
K52	INDNR1000067158	1/2 - 1 Mile West
L53	INDNR1000067242	1/2 - 1 Mile East
L54	INDNR1000067315	1/2 - 1 Mile East
55	INDNR1000066551	1/2 - 1 Mile SE
L56	INDNR1000067245	1/2 - 1 Mile East
57	INDNR1000067527	1/2 - 1 Mile ENE
58	INDNR1000066432	1/2 - 1 Mile SE
M59	INDNR1000067236	1/2 - 1 Mile East
60	INDNR1000066610	1/2 - 1 Mile SE
M61	INDNR1000067197	1/2 - 1 Mile East
M62	INDNR1000067276	1/2 - 1 Mile East
M63	INDNR1000067292	1/2 - 1 Mile East

# PHYSICAL SETTING SOURCE MAP - 3178332.1s



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

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

**SITE NAME:** 196th Street At Hague Road  
**ADDRESS:** E 196th St At Hague Rd  
 Noblesville IN 46062  
**LAT/LONG:** 40.0725 / 86.0334

**CLIENT:** Butler, Fairman & Seufert  
**CONTACT:** Ryan Scott  
**INQUIRY #:** 3178332.1s  
**DATE:** October 04, 2011 11:49 am

B18

PHASE I ESA  
196<sup>th</sup> Street and Hague Road  
City of Noblesville, Hamilton County, Indiana

## Appendix C:

### MISCELLANEOUS RECORDS

## PDMS Output



### DISCLAIMER

This map was prepared by the Indiana Geological Survey, using data believed to be accurate; however, a margin of error is inherent in all maps. This product is distributed "AS-IS" without warranties of any kind, either expressed or implied, including but not limited to warranties of suitability of a particular purpose or use. There is no attempt in either design or production of this map to define the limits or jurisdiction of any federal, state or local government. A detailed on-the-ground survey and historical analysis of a single site may differ from this map.

[Return to Search Results](#)

[Well History Report](#)

<b>County</b>	Hamilton	<b>UTM X</b>	582424	<b>UTM Y</b>	4436243	<b>Land Unit Type</b>	Section
<b>Township - Range</b>	19N - 4E	<b>Land Number</b>	25	<b>Quarters</b>	NW NW NW	<b>Land Unit Name</b>	
<b>Footage 1</b>	35 NL	<b>Footage 2</b>	35 WL	<b>Symbol</b>	AGAS-L	<b>Field Check Status</b>	Checked or Reviewed
<b>Posted TD</b>		<b>Elevation</b>	803	<b>Spotting Method</b>	Measured	<b>Field Name</b>	Trenton
<b>Processing Level</b>	Completion	<b>Meridian</b>	Second	<b>Last Modified</b>	09/05/2003	<b>Topo Quad</b>	Noblesville

Comments: The exact completion date is unknown.

## Total Well Events: 1

### Event 1

Permit Number:	0	Operator Name:	Unknown	Status:	gas
Permit Date:		Lease Name:	Harmon	Total Depth:	
Completion Date:	1/1/1890	Well Number:		TD Formation:	
PreDrill	FieldCheck	<b>Completion Intervals</b>			
Strat Picks	Deviation	Completion Rates	Reports	Log Info	Cores
		Casing	DrillTools	Samples	Post Drill
			Shows	Tests	①

HAMILTON COUNTY HEALTH DEPT.  
940 N. TENTH STREET

NOBLESVILLE, INDIANA 46060

Permit Number                       
Completed System ☒ DBO  
Approved                       
Date 19-20-92

PHONE 773-0132

APPLICATION FOR  
PRIVATE SEWAGE SYSTEM PERMIT

NOTE—All sections of the application must be completed by the applicant.

In support of this application the undersigned does now make the following statements;

Date of Site Inspection                     

INSTALLER INFORMATION

(1) Name of Installer MEREDITH SEPTIC & SAWN Owner of Property SAM BROWN  
Address 3200 Sheridan Rd. Present Mailing Address 7690 E 196 ST.  
Noblesville Phone # 773-681 Noblesville Phone # 776-0054

PROPERTY LOCATION

(2) Street Address 7690 E 196 ST. Directions to Job SR 19A North to 196 ST.  
City Noblesville Subdivision                      go Right on West To Hague Rd.  
Lot Number                      Township Noblesville  
Sec. 23 Twp. T.19N. Range R4E corner of Hague Rd.

PROPERTY DESCRIPTION

(3) Lot Size Sq. Feet 130 X 210.  
No. of Bedrooms 3.  
No. of Dwelling Units                      Repair ☒ New                     

WATER SUPPLY

(4) Public Water Supply                      Proposed Well                       
Existing Well X Size                       
Type Pump                     

SEPTIC SYSTEM AND SECONDARY DISPOSAL DESCRIPTION

(5) Manufacturer of Tank Old Tank Absorption Field  
Size 1000. Total Length of Trenches 450 Width of Trenches 3 ft  
Distance between Septic Tank and Finger System To  
Well 50 Dwelling 10 Property Line 10

(6) Does surface water ever pond or stand on ground surface in the area where the absorption field is located? No.

(7) If percolation tests are required they are to be certified by a registered Engineer or Land Surveyor, and must be attached on a separate form provided by this department.



I.S.B.H.  
29-009

## Meredith's Cut Rate Septic Co.

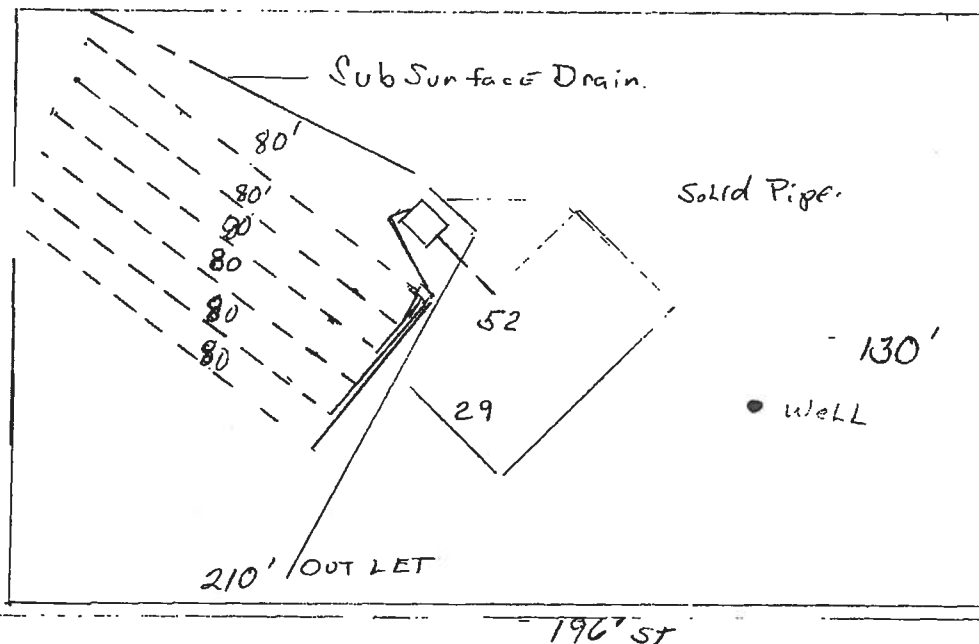
R.R.1, Box 739, Noblesville, Indiana 46060

Phone: (317) 773-6131



I.S.B.H.  
29-011

SAM BROWN  
7690 E 196  
Noblesville



APPLICANT'S INSPECTION  
AND REPORT

Inspector *D Ortel*

Date *10-20-92*

Installer *Meredith*

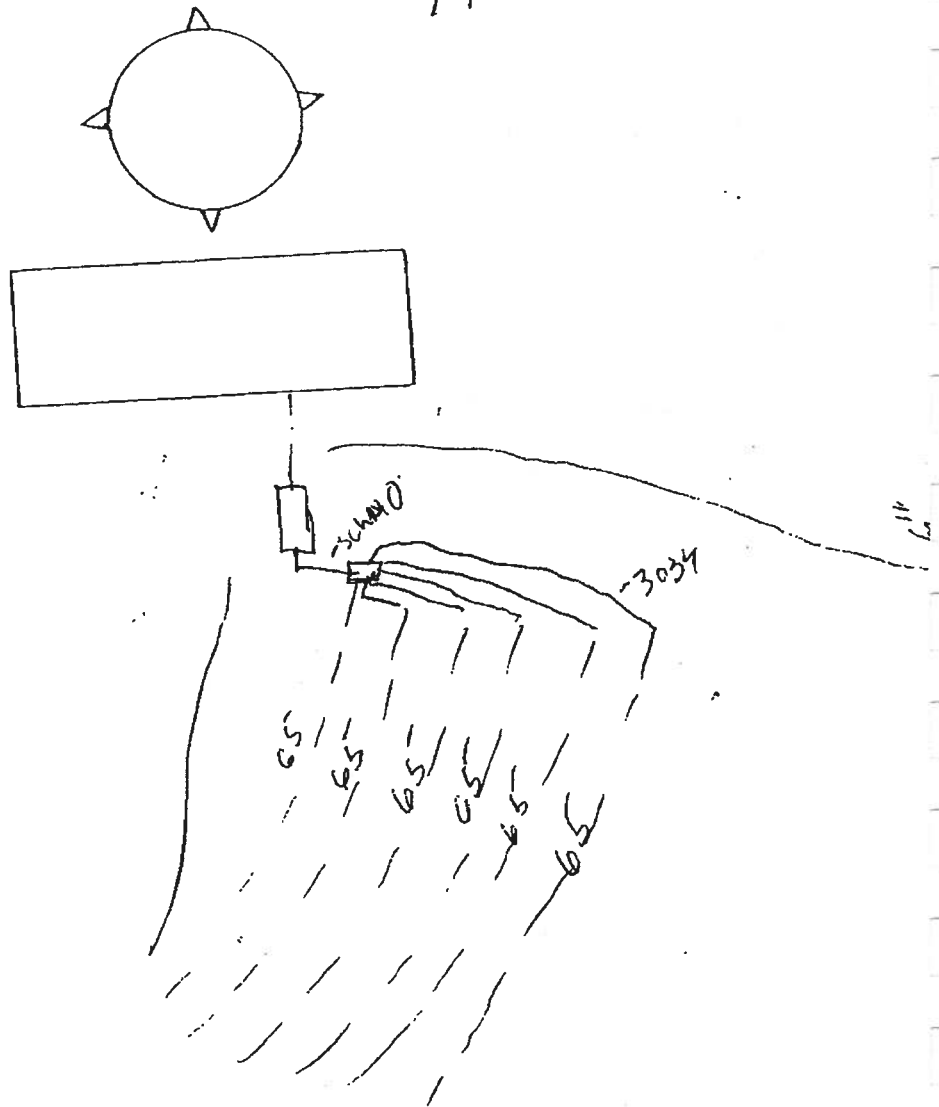
Registration No. \_\_\_\_\_

Permit No. *92-6367*

Lineal Ft. *390 LAF*

Tank Size *1000*

$$\frac{35}{26} / 390$$



PHASE I ESA

196<sup>th</sup> Street and Hague Road  
City of Noblesville, Hamilton County, Indiana

# Appendix D:

## PERSONAL INTERVIEW CORRESPONDENCE





## Ryan Scott

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**From:** Morgan E. Johnson [Morgan.Johnson@hamiltoncounty.in.gov]  
**Sent:** Tuesday, October 11, 2011 2:27 PM  
**To:** Ryan Scott  
**Subject:** RE: Records for 196th Street and Hague Road  
**Attachments:** 92-6367.pdf

Hi Ryan!

I loved the Northwoods! It was a fantastic vacation.

So the only record I found is for a septic system on the NW corner of 196<sup>th</sup> and Hague Rd. The parcel number is 10-06-23-04-01-016.000. Please see attachment. I did not find anything on the other parcels. I believe that the homes to the South are on city sewer and water. There were no other environmental records for them.

Have a good day!

Morgan Johnson  
Environmental Health Specialist  
[morgan.johnson@hamiltoncounty.in.gov](mailto:morgan.johnson@hamiltoncounty.in.gov)  
18030 Foundation Dr., Suite A  
Noblesville, IN 46060  
317-776-8500

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**From:** Ryan Scott [mailto:RScott@bfsengr.com]  
**Sent:** Tuesday, October 11, 2011 12:12 PM  
**To:** Morgan E. Johnson  
**Cc:** Morgan E. Johnson  
**Subject:** Records for 196th Street and Hague Road

Hi Morgan,

I was glad to hear that you and Neal had a good trip up north. The pictures are awesome, but I'm sure they don't do the area where you were justice.

I actually have a work related question ☺. I am working with the City of Noblesville to complete a Phase I Environmental Site Assessment for the intersection of 196<sup>th</sup> Street and Hague Road (planned roundabout project). Is there someone at your office that maintains records of environmental responses that could tell me if anything noteworthy has happened around this intersection as far as spills/environmental releases? If so, would you mind forwarding me their email address?

Thanks so much!

Ryan

Ryan L. Scott  
BUTLER, FAIRMAN & SEUFERT, INC.  
T: 317.713.4615 F: 317.713.4616  
[www.bfsengr.com](http://www.bfsengr.com)

## **Ryan Scott**

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**From:** Matt Mitchell [Mmitchell@noblesville.in.us]  
**Sent:** Wednesday, October 12, 2011 8:40 AM  
**To:** Ryan Scott  
**Cc:** Kenneth L. Gilliam  
**Subject:** RE: Records Request: 196th Street at Hague Road

Mr. Scott:

We do not have any records that indicate the presence of hazardous material releases near this intersection.

Thanks,

**Matt Mitchell, CFM**  
Division Chief / Fire Marshal



City of Noblesville Fire Department  
Fire Prevention Bureau  
Inspection Division  
135 S. 9th Street  
Noblesville, IN 46060

(317) 776-6336 Ext. 1412  
(317) 776-6376 FAX  
[mmitchell@noblesville.in.us](mailto:mmitchell@noblesville.in.us)  
[www.cityofnoblesville.org](http://www.cityofnoblesville.org)

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**From:** Kenneth L. Gilliam  
**Sent:** Tuesday, October 11, 2011 12:22 PM  
**To:** Matt Mitchell; Darrel Cross  
**Subject:** FW: Records Request: 196th Street at Hague Road

Please respond,

Thanks

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**From:** Ryan Scott [mailto:RScott@bfsengr.com]  
**Sent:** Tuesday, October 11, 2011 11:51 AM  
**To:** Kenneth L. Gilliam  
**Subject:** Records Request: 196th Street at Hague Road

Chief Gilliam,

I am working with the City of Noblesville's Department of Engineering on a proposed roundabout at the intersection of 196<sup>th</sup> Street and Hague Road. I am writing to inquire if the Fire Department has any records of any hazardous material releases near this intersection.

## Ryan Scott

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**From:** Estrada, Mary [mestrada@dnr.IN.gov]  
**Sent:** Tuesday, October 18, 2011 11:42 AM  
**To:** Ryan Scott  
**Subject:** RE: Gas Well Question

Ryan,

Sorry it has taken so long to reply. Our PC's went down all over the state this morning. Good thing that doesn't happen often.

The well that you see on the IGS map was drilled in 1890 or somewhere around there. The locations on the IGS map are off, sometimes by hundreds of feet. There are so many unknowns about wells that are that old. Is it cased? Is the location correct, probably not. Would we be able to find it even if we excavated?

My suggestion would be to wait until construction begins and see if you find it while excavating. During that time, it would be helpful to run a metal detector over the area. If they find it; we could come out to take a look but it doesn't seem to have been causing any problems over the last 100 years. We would be ok with plugging the hole with cement slurry to the top of the shallowest shale formation. You wouldn't want this old well to pressure up and leak under your roadway (it would weaken it and possibly cause the asphalt to break up easier). We will pull some area records to see the depth of unconsolidated ground material in that area so we know how deep to go.

If you don't hit it, then no problem. Do nothing.

There is such a good chance that it's not there, but if it is, please let me know. We will want our records updated with what actually exists out there.

I would also suggest that you use the map on our web site; <http://www.in.gov/dnr/dnroil/>. We have been using GPS points for locations and we find that they are much more accurate than IGS. But the points for this well are close. IGS has it 10' farther north than we do but that well is so old, we didn't get GPS readings either.

Mary Estrada  
DNR, Div. of Oil and Gas  
402 W. Washington St., W293  
Indianapolis, IN 46204  
(317) 233-0933  
[mestrada@dnr.in.gov](mailto:mestrada@dnr.in.gov)

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**From:** Ryan Scott [mailto:RScott@bfsengr.com]  
**Sent:** Tuesday, October 18, 2011 9:26 AM  
**To:** Estrada, Mary  
**Subject:** RE: Gas Well Question

Mary,

The well appears to be located in the southeast corner of the intersection of 196<sup>th</sup> Street and Hague Road in Noblesville. I've attached a map and information off of the PDMS web application.

Thank you for getting back with me so quickly, and for any information/advice you can provide.

Ryan

Ryan L. Scott