

# **Environmental Review Record**

## **CDBG Critical Infrastructure Grant**

**GRANT NO. B-F-16-1BE-1**



## **WASTEWATER TREATMENT SYSTEM**

### **HARRISON COUNTY HOME**



**July 10, 2017**

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**ENVIRONMENTAL REVIEW RECORD**  
**Harrison County Home**

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**Environmental Assessment Checklist**  
**Included (Last tab in binder)**

**Page #7**

### Environmental Assessment Worksheet

<b>Grantee</b>	Harrison County Commissioners
<b>Grant Number</b>	B-F-16-1BE-1
<b>Activity Name</b>	Harrison County Home Waste Water Improvements
<b>Activity Location</b>	Cadiz Township and Village of Cadiz
<b>Activity Description:</b> Install dual pumping station at site of Harrison County Home and 12,100' of force main along the north side of US 250 and CR 11. Force main will tie into the wastewater system for the Village of Cadiz at Brokaw Avenue.	
<b>Determination:</b> <input checked="" type="checkbox"/> <u>Finding of No Significant Impact (FONSI)</u> , whereby the Responsible Entity may proceed to Dissemination and publication of the FONSI, per regulations found at 24 CFR Section 58.43(a). <input type="checkbox"/> <u>Finding of Significant Impact</u> , whereby the Responsible Entity must proceed to develop an Environmental Impact Statement (EIS) in compliance with 24 CFR Part 58, Subparts F or G.	
<b>Preparer Name:</b> Trina Woodland	
<b>Signature</b> <u>Trina Woodland</u>	<b>Date:</b> 7/10/2017

**List of Attachments**

<input checked="" type="checkbox"/> Location Map
<input checked="" type="checkbox"/> Site Photographs
<input type="checkbox"/> Copies of other Environmental Analyses (if applicable) List: _____
<input checked="" type="checkbox"/> Other Relevant Correspondence and Notifications (if applicable) List: _____ <b>Ohio Historic Preservation Office</b> _____ <b>EPA</b> _____ <b>US Army Corp of Engineers</b> _____ <b>Ohio Department of Natural Resources - Division of Wildlife</b> _____ <b>Natural Resource Conservation Service</b>
<input checked="" type="checkbox"/> Statutory Checklist Supporting Documentation
<input checked="" type="checkbox"/> Environmental Assessment Checklist Supporting Documentation
<input type="checkbox"/> Combined Notice: Finding of No Significant Impact (FONSI) and Notice of Intent to Request Release of Funds (NOI/RROF) Date: _____
<input type="checkbox"/> Request for Release of Funds (RROF) Date: _____
<input type="checkbox"/> Release of Funds (ROF) Date: _____
<input type="checkbox"/> Additional Documentation Describe: _____

**Statutory Checklist instructions:**

For each of the environmental laws and authorities listed below, determine the level of compliance required and provide a narrative explanation and list of supporting documentation. **The narrative must explain decision-making and compliance procedures.** Attach all supporting documentation to this worksheet.

**Statutory Checklist**

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	Compliance Required?	Explanation and List of Compliance Documentation
<p><b>Historic Preservation</b></p> <p>Resources:  <a href="#">State Historic Preservation Office</a>  <a href="#">HUD Historic Preservation</a></p>	<p><b>Yes</b></p>	<p>All construction will take place within the 30' right-of-way owned by the County. Correspondence with the Ohio Historic Preservation Office determined that this project will not adversely affect historic properties. No further coordination is required unless the scope of the work changes or archaeological remains are discovered during the course of the project. Should archaeological remains be discovered during the course of the project, work will be stopped immediately and the Ohio Historic Preservation Society will be contacted to request further guidance. (Please see Item #1)</p>
<p><b>Floodplain Management</b></p> <p>Resources:  <a href="#">Floodplain Maps</a>  <a href="#">Floodplain Administrators</a>  <a href="#">HUD Floodplain Management</a></p>	<p><b>Yes</b></p>	<p>Floodplain maps from the FEMA mapping site are attached indicating that the project site is in Flood Zone X. Also attached is a letter from the Floodplain Administrator for Harrison County stating that the project area is located in Flood Zone X and not within the 100-year floodplain. (Please see Item #2)</p>
<p><b>Wetland Protection</b></p> <p>Resources:  <a href="#">NRCS Web Soil Survey</a>  <a href="#">National Wetlands Inventory</a>  <a href="#">Ohio EPA Division of Surface Water</a>  <a href="#">US Army Corps of Engineers Regulatory (Permits)</a>  <a href="#">HUD Wetlands Protection</a></p>	<p><b>Yes</b></p>	<p>All construction activity will take place within the 30' right-of-way owned by the County. No wetland areas will be adversely affected by the project. All Soils map is attached. The attached Wetland map downloaded from the U.S. Fish and Wildlife mapping site indicates no wetlands present in the immediate project area. There is a freshwater emergent wetland off the northernmost point of the project area approximately 180' north of the project area. Correspondence with the Army Corps of Engineers and a subsequent walk along the pipeline route resulted in a determination that no regulatory permits were required. All affected stream crossings in the project area will be mitigated using directional boring. (Please see Item #3)</p>

**Statutory Checklist**

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	Compliance Required?	Explanation and List of Compliance Documentation
<p align="center"><b>Coastal Zone Management</b></p> <p>Resources:  <a href="#">Ohio Office of Coastal Management</a>  <a href="#">Ohio Coastal Atlas Map Viewer</a>  <a href="#">HUD Coastal Zone Management</a></p>	<p align="center"><b>No</b></p>	<p>There is no coastal property in the project area or in Harrison County, as a whole. (Please see Item #4)</p>
<p align="center"><b>Sole Source Aquifers</b></p> <p>Resources:  <a href="#">Ohio EPA Sole Source Aquifers in Ohio</a>  <a href="#">HUD Sole Source Aquifers</a></p>	<p align="center"><b>No</b></p>	<p>The nearest sole source aquifer serves the Village of Pleasant City, which is approximately 50 miles southwest of the Village of Cadiz. The project area is not served by a sole source aquifer. (Please see Item #5.)</p>
<p align="center"><b>Endangered Species</b></p> <p>Resources:  <a href="#">US Fish &amp; Wildlife Service Section 7 information</a>  <a href="#">Endangered Species in Ohio</a>  <a href="#">Ohio Natural Heritage Database</a>  <a href="#">HUD Endangered Species</a></p>	<p align="center"><b>No</b></p>	<p>Based on project location and a review completed by the Ohio Department of Natural Resources, Division of Wildlife, it has been determined that no threatened or endangered species will be affected by the project. (Please see Item #6)</p>
<p align="center"><b>Wild and Scenic Rivers</b></p> <p>Resources:  <a href="#">ODNR Scenic Rivers</a>  <a href="#">HUD Wild and Scenic Rivers</a></p>	<p align="center"><b>No</b></p>	<p>The project area is not located near a wild and scenic river. (Please see Item #7)</p>
<p align="center"><b>Air Quality</b></p> <p>Resources:  <a href="#">Ohio EPA Division of Air Pollution Control</a>  <a href="#">Ohio EPA Notification of Demolition and Renovation</a>  <a href="#">Ohio Department of Health Asbestos</a>  <a href="#">HUD Air Quality</a></p>	<p align="center"><b>No</b></p>	<p>Documentation taken from the EPA's Green Book on Nonattainment Areas for Criteria Pollutants indicates that no part of the project area is in nonattainment or maintenance status for any criteria pollutants. (Please see item #8)</p>
<p align="center"><b>Farmland Protection</b></p> <p>Resources:</p>	<p align="center"><b>No</b></p>	<p>The project will occur in a previously developed area and no farmland will be affected by the project. (Please see Item #9)</p>

**Statutory Checklist**

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	Compliance Required?	Explanation and List of Compliance Documentation
<a href="#">NRCS Farmland Protection Policy Act</a> <a href="#">HUD Farmlands Protection</a>		
<p align="center"><b>Noise Abatement and Control</b></p> <p>Resources:  <a href="#">HUD Noise Abatement and Control</a>  <a href="#">HUD Noise Guidebook</a>  <a href="#">HUD Day/Night Noise Level Electronic Assessment Tool</a>  <a href="#">HUD Sound Transmission Classification Assessment Tool</a>  <a href="#">ODOT Traffic Count Data</a>  <a href="#">Ohio Airport Information</a>  <a href="#">Airport Master Records and Reports</a>  <a href="#">PUCO/ORDC Railroad Information System</a>  <a href="#">Federal Railroad Administration Query by Location tool</a></p>	<p align="center"><b>Yes</b></p>	<p>Short term impacts will be limited to the noise associated with construction activities. All construction activities will be limited to daylight hours. Long term noise issues will be minimized as most of the pumping station will be buried underground. The pumping station will be installed approximately 200 feet from the nearest corner of the Harrison County Home, which should experience virtually no noise from the newly installed system. The buried force main, which will run along the north side of U.S. 250 will be silent. The new system will produce less long-term noise than the system currently in place. The result is that long-term noise effects will be reduced. (Please see item #10)</p>
<p align="center"><b>Airport Clear Zones and Accident Potential Zones</b></p> <p>Resources:  <a href="#">Ohio Airport Information</a>  <a href="#">HUD Airport Hazards</a>  <a href="#">Airport Master Records and Reports</a></p>	<p align="center"><b>No</b></p>	<p>The Harrison County Airport, located at 43000 Airport Road, Cadiz, OH is approximately 2.89 miles away from the project site at its closest point. This is a civilian airport, which is more than 2500 feet removed from the project site as required by HUD Airport Hazards Guidelines. (Please see item #11.)</p>
<p align="center"><b>Explosive and Flammable Operations</b></p> <p>Resources:  <a href="#">HUD Explosive and Flammable Facilities</a>  <a href="#">US EPA NEPAassist</a>  <a href="#">US EPA Envirofacts</a>  <a href="#">HUD Choosing an Environmentally Safe Site</a>  <a href="#">Acceptable Separation Distance Calculator</a>  <a href="#">Acceptable Separation Distance Guidebook</a></p>	<p align="center"><b>No</b></p>	<p>This project does not include development, construction, or rehabilitation that will increase residential densities, or conversion. There was a used car lot located on the north side of US 250 at approximately 40°17'22.4"N 81°01'21.5"W in the 1960s, but it is believed that the underground tanks have been removed. US EPA NEPAassist and US EPA Envirofacts databases were reviewed. No explosive or flammable operations were identified in the project area. (See attached maps.) No violations or compliance issues were identified. (Please see item #12)</p>



**Statutory Checklist**

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	Compliance Required?	Explanation and List of Compliance Documentation
<p align="center"><b>Toxic Chemicals and Radioactive Materials</b></p> <p>Resources:  <a href="#">HUD Site Contamination</a>  <a href="#">US EPA NEPAAssist</a>  <a href="#">US EPA Envirofacts</a>  <a href="#">Ohio Tank Tracking &amp; Environmental Regulations</a>  <a href="#">HUD Choosing an Environmentally Safe Site</a></p>	<p><b>No</b></p>	<p>US EPA NEPAAssist and US EPA Envirofacts databases were reviewed. There were no RCRA sites in the project area. Based on this, no adverse effects related to toxic chemical or radioactive materials are expected to occur. There are no active BUSTR sites in the project area. (Please see Item #13)</p>
<p align="center"><b>Environmental Justice</b></p> <p>Resources:  <a href="#">HUD Environmental Justice</a>  <a href="#">US EPA Environmental Justice</a>  <a href="#">US EPA EJSCREEN</a></p>	<p>---</p>	<p>The Harrison County Home, which is the beneficiary of this project, is a 33-bed facility for the elderly. There are currently 26 beds filled. All residents of the home, regardless of age, sex, ethnicity, race, income, sexual preference, or poverty level will benefit from this project. (Please see Item #14)</p>

**Environmental Assessment Checklist instructions:**

Evaluate the significance of the effects of the proposed activity on the character, features, and resources of the project area. Provide a narrative explanation and list of supporting documentation. **The narrative must explain decision-making and compliance procedures.** Attach all supporting documentation to this worksheet. For technical assistance, see HUD's [Environmental Assessment Factors Guidance](#).

**Environmental Assessment Checklist**

Land Development		
Impact Category	Impact Code	Explanation and List of Source Documentation
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	Potentially Beneficial	The installation of a new wastewater treatment facility and force main for the Harrison County Home will replace a faulty and outdated system. The new system will be in conformance with Harrison County's Strategic Plan for the County, which was adopted a few years ago.
Soil Suitability / Slope / Erosion / Drainage / Storm Water Runoff	Potentially Beneficial	The installations of the pumping station will take place at the site of the existing wastewater treatment system. All components will be installed within the existing right-of-way owned by the County. The new force main will be buried and will tie in to the Village of Cadiz's wastewater system. The water will no longer be discharged into Little Stillwater Creek, which will provide a long-term benefit to the County.
Hazards and Nuisances Including Site Safety and Noise	No Impact Anticipated	There will be no night time construction activities. All noise levels will remain within acceptable parameters.
Energy Consumption	No Impact Anticipated	The pumping station will include the installation of the most energy efficient pumps available to handle the discharge of wastewater.

**Environmental Assessment Checklist**

<b>Socioeconomic</b>		
<b>Impact Category</b>	<b>Impact Code</b>	<b>Explanation and List of Source Documentation</b>
Employment and Income Patterns	<b>No Impact Anticipated</b>	The project will produce no changes to employment and income patterns in the area.
Demographic Character Changes, Displacement	<b>No Impact Anticipated</b>	The project is not expected to produce any demographic changes, and will not result in the displacement of any families or individuals.

<b>Community Facilities and Services</b>		
<b>Impact Category</b>	<b>Impact Code</b>	<b>Explanation and List of Source Documentation</b>
Educational and Cultural Facilities	<b>No Impact Anticipated</b>	There are no educational or cultural facilities in the project area.
Commercial Facilities	<b>No Impact Anticipated</b>	There is a small family restaurant, an excavating business and some storage units present in the project area. None of these will be impacted by the project.
Health Care and Social Services	<b>No Impact Anticipated</b>	The project will have no effect on health care or social services in the area.
Solid Waste Disposal / Recycling	<b>No Impact Anticipated</b>	The project will not impact solid waste disposal or recycling activities.
Waste Water / Sanitary Sewers	<b>No Impact Anticipated</b>	Public water and sewer is not available to residents and businesses within the project area. The project is not expected to affect any private wells or water systems in the area.
Water Supply	<b>No Impact Anticipated</b>	Public water and sewer is not available in the project area. The project will produce no adverse affects to private water supplies.

**Environmental Assessment Checklist**

<b>Community Facilities and Services</b>		
<b>Impact Category</b>	<b>Impact Code</b>	<b>Explanation and List of Source Documentation</b>
Public Safety – Police, Fire and Emergency Medical	<b>No Impact Anticipated</b>	Emergency service providers in the project area include the Harrison County Sheriff, the Cadiz Fire Department and the Harrison County EMS. This project is not expected to impact these services.
Parks, Open Space and Recreation	<b>No Impact Anticipated</b>	Tappan Lake, located between Uhrichsville and Cadiz along US 250 is part of the Muskingum Watershed Conservancy District. The lake provides recreational opportunities such as fishing, swimming, boating, and camping to tourists and residents of Harrison County. The proposed project is expected to have no impact on the lake or associated activities.
Transportation and Accessibility	<b>No Impact Anticipated</b>	Harrison County is served by the Harrison County Rural Transit Authority, which will not be impacted by this project.

<b>Natural Features</b>		
<b>Impact Category</b>	<b>Impact Code</b>	<b>Explanation and List of Source Documentation</b>
Unique Natural Features, Water Resources	<b>No Impact Anticipated</b>	There are some private ponds along the project route, but none directly in the project area. No impact to private ponds or fish are anticipated from the project.
Vegetation and Wildlife	<b>No Impact Anticipated</b>	All construction will take place within the 30 ' right-of-way on the north side of US 250. The right-of-way is owned by the County. No natural areas of vegetation or wildlife will be impacted. (Please see Item #6)
Other Factors	<b>No Impact Anticipated</b>	There are no other factors which will be affected by the project.

## 24 CFR Section 58.6 Requirements

**Airport Runway Clear Zones and Clear Zones Notification***[24 C.F.R. Part 51.303(a)(3)]*

Does the project involve the sale or acquisition of property located within a Civil Airport Runway Clear Zone or a Military Airfield Clear Zone?

- No. Attach Source Document:**  
(Project complies with 24 CFR 51.303(a)(3).)
- Yes. Notice must be provided to buyer.** The notice must advise the buyer that the property is in a Runway Clear Zone or Clear Zone, what the implications of such a location are, and that there is a possibility that the property may, at a later date, be acquired by the airport operator. The buyer must sign a statement acknowledging receipt of this information. (for a sample notice, see the [HUD Exchange](#)) (attach a copy of the signed notice)

**Coastal Barrier Resources Act***[Coastal Barrier Improvement Act of 1990 (16 U.S.C. 3501)]*

Is the project located in a coastal barrier resource area?

- No. Cite or attach Source Document:** (<http://www.fws.gov/cbra/Maps/Locator/OH.pdf>)  
(Proceed with project.)
- Yes. Federal assistance may not be used in such an area.**

**Flood Disaster Protection Act\****[Flood Disaster Protection Act of 1973, as amended (42 U.S.C. 4001-4128)]*

Does the project involve acquisition, construction or rehabilitation of structures located in a FEMA-identified Special Flood Hazard Area?

- No. Attach copy of [Flood Insurance Rate Map \(FIRM\)](#)**
- Yes. Attach copy of [Flood Insurance Rate Map \(FIRM\)](#)**

Is the community participating in the National Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

**Yes. Flood Insurance under the National Flood Insurance Program must be obtained. If HUD assistance is provided as a grant, insurance must be maintained for the economic life of the project and in the amount of the total project cost (or up to the maximum allowable coverage, whichever is less). If HUD assistance is provided as a loan, insurance must be maintained for the term of the loan and in the amount of the loan (or up to the maximum allowable coverage, whichever is less). (Attach a copy of the flood insurance policy declaration)**

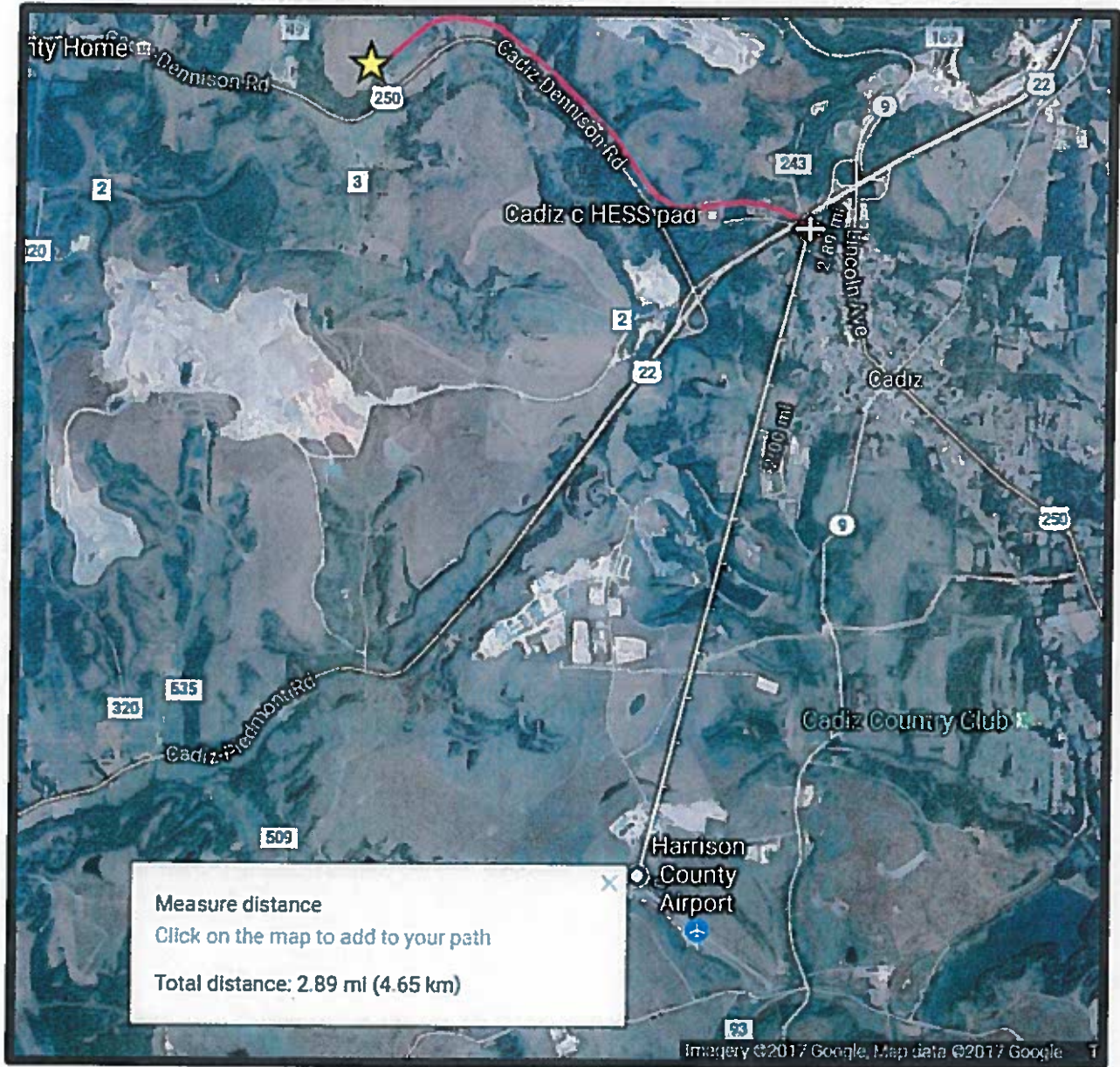
**No. Federal assistance may not be used in the Special Flood Hazards Area.**

*\*Per 24 CFR 58.6(a)(3), this requirement does not apply to State-administered CDBG, HOME, and ESG programs.*

## Airport Runway Clear Zones and Clear Zones Notification

- Project involves no sale or acquisition of property. The nearest County airport is 2.89 miles from the force main installation at its closest point, as shown by attached map.

# Harrison County Wastewater Treatment Plant Project Distance from Harrison County Airport



Airport location: 43000 Airport Road, Cadiz, OH 43907

Harrison County Home =	★
Project Route =	—
Manhole Tie-in Spot =	⬡
(Village of Cadiz, Intersection of Brokaw and Dennison)	

## Coastal Barrier Resources Act

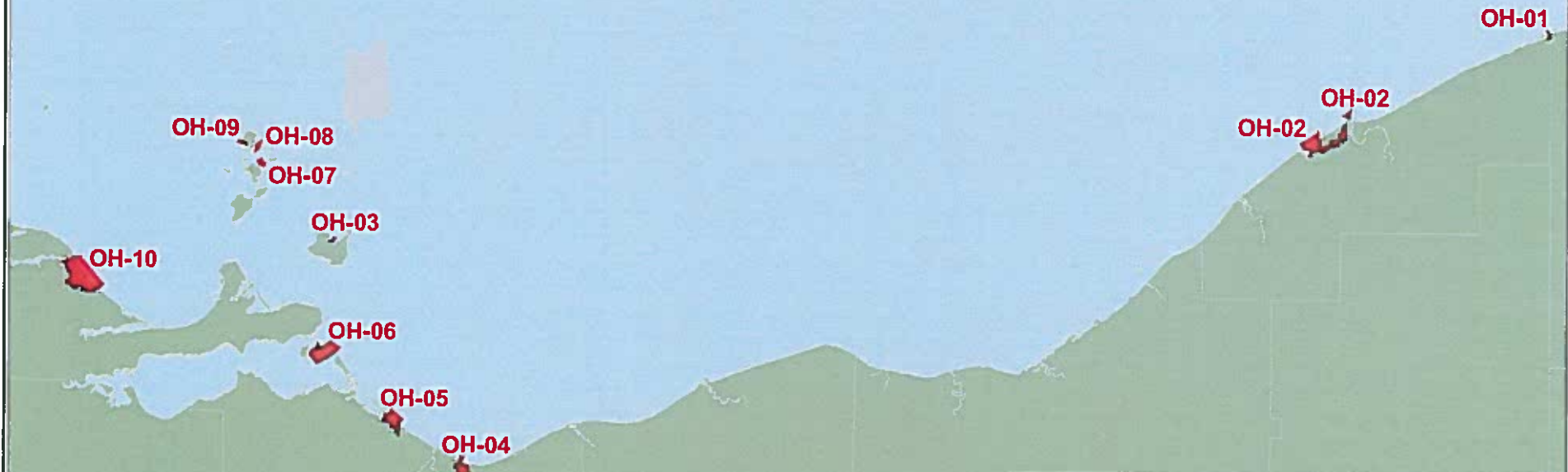
- Project is not located in a coastal barrier resource area



# JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

## OHIO

LAKE  
ERIE



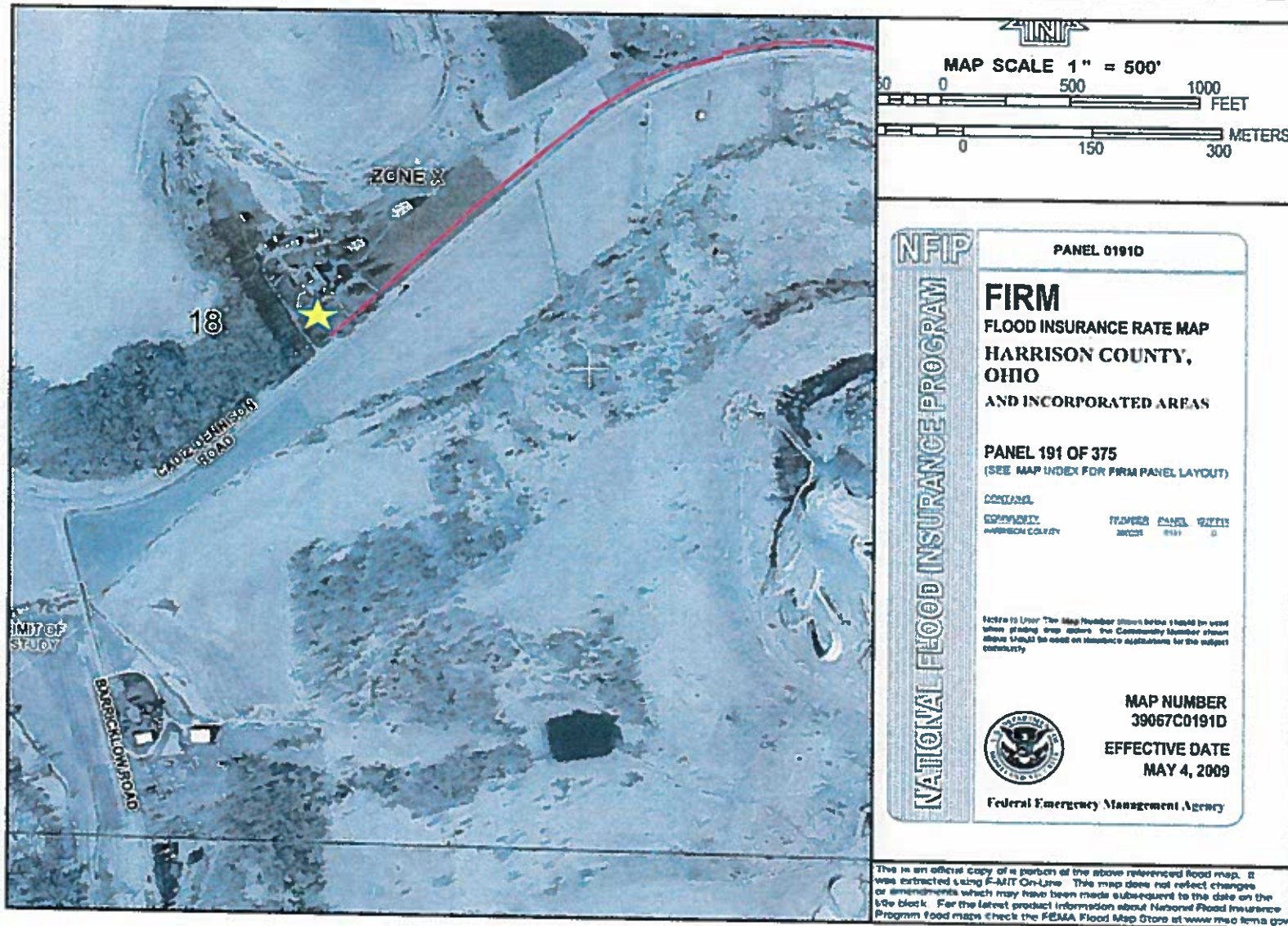
Number of CBRS Units:	10
Number of System Units:	10
Number of Otherwise Protected Areas:	0
Total Acres:	5,195
Upland Acres:	2,020
Associated Aquatic Habitat Acres:	3,175
Shoreline Miles:	10

Boundaries of the John H. Chafee Coastal Barrier Resources System (CBRS) shown on this map were transferred from the official CBRS maps for this area and are depicted on this map (in red) for informational purposes only. The official CBRS maps are enacted by Congress via the Coastal Barrier Resources Act, as amended, and are maintained by the U.S. Fish and Wildlife Service. The official CBRS maps are available for download at [http://www.fws.gov/habitatconservation/coastal\\_barrier.html](http://www.fws.gov/habitatconservation/coastal_barrier.html).

## Flood Disaster Protection Act

- Project is not located in a Special Flood Hazard Area and is not in the 100-year flood plain.

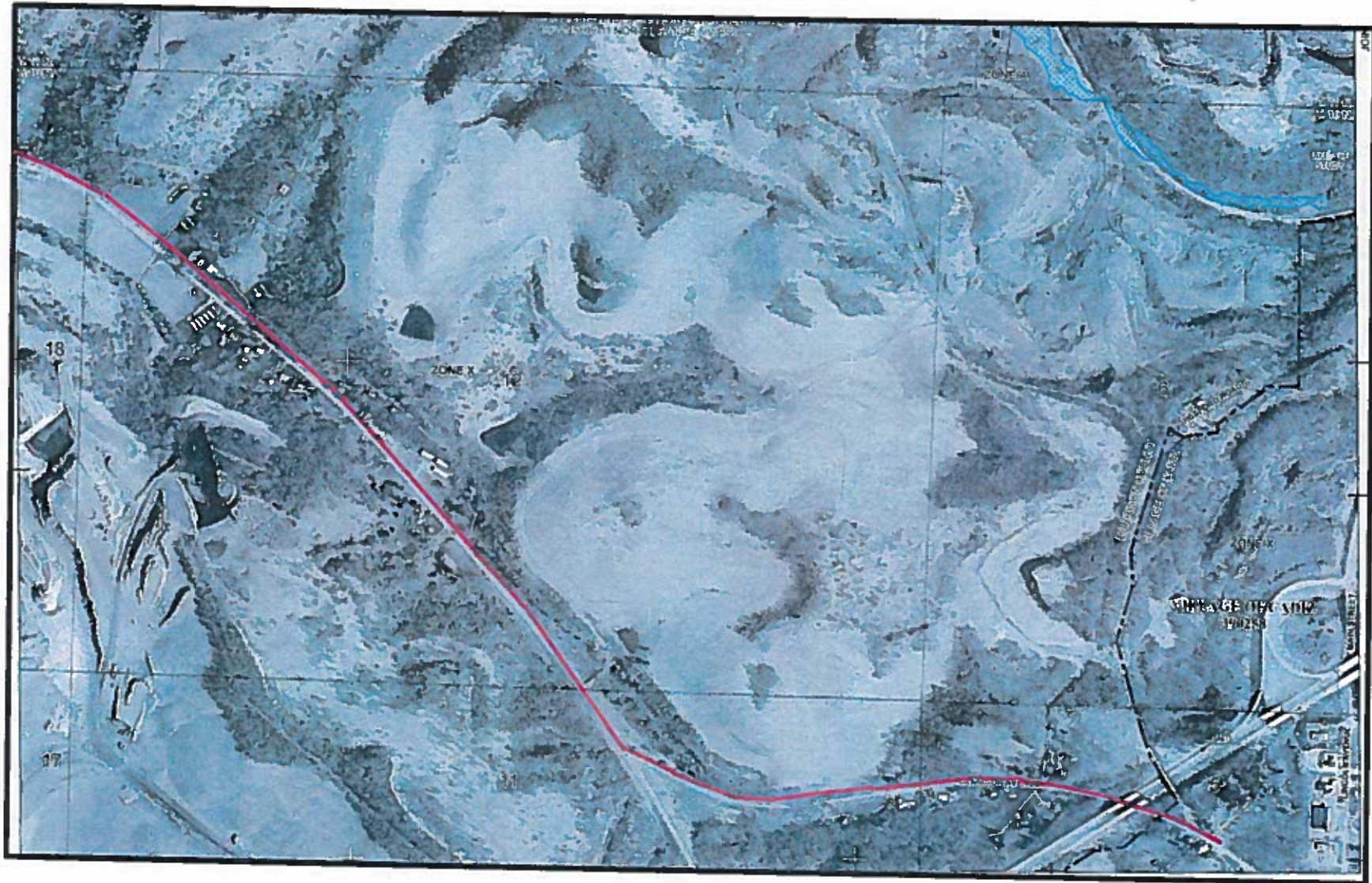
# Harrison County Wastewater Treatment System – County Home Site Floodplain Map – Western Half of Project Site




Harrison County Home = 

Project Route = 

# Harrison County Wastewater Treatment System Floodplain Map – Eastern Side of Project Area



Project Area = 

## Statement of Process and Status of Environmental Analysis

**Instructions:**

Provide a brief description of the administrative procedures associated with the construction and presentation of the environmental review record (ERR). List the Responsible Entity, Certifying Officer, the physical location of the ERR, the dates and comment periods associated with any public notices, and contact information for the submission of comments regarding the ERR.

The Harrison County Commissioners retained the Ohio Mid-Eastern Governments Association (OMEGA) to administer the CDBG Critical Infrastructure Grant for the Harrison County Home Wastewater Improvements Project, including the preparation of the (ERR). OMEGA has coordinated the ERR with the county, the Village of Cadiz, engineering and environmental consultants, and local, state and federal regulatory agencies.

As President of the Harrison County Commissioners, Dale Norris is the Certifying Officer. The ERR is available at 100 West Market Street, Cadiz, Ohio and at the office of OMEGA, 326 Highland Avenue, Suite B, Cambridge, Ohio. The ERR will also be available for review on OMEGA's website: [www.omegadistrict.us](http://www.omegadistrict.us).

**The following Public Notices were issued:**

February 24, 2016 - The first Public Meeting informed public about CDBG Programs, how funds may be used, eligible activities, and other program requirements.

May 25, 2016 - Second Public Meeting informed the public about projects being considered for the CDBG Allocation Program.

June 7, 2016 - Third Public Meeting provided an opportunity for the public to review and comment on the plans for the proposed wastewater treatment system for the Harrison County Home, and the CDBG Critical Infrastructure application to the Ohio Development Services Agency.

**Public comments were to be addressed to:**

Trina Woodland  
Community Development Specialist  
Ohio Mid-Eastern Governments Association  
326 Highland Avenue, Suite B  
Cambridge, OH 43725  
(740) 439-4471, ext. 201  
[trinaw@omegadistrict.org](mailto:trinaw@omegadistrict.org)

**Description of the Site and Environmental Context****Instructions:**

Determine existing conditions and describe the character, features, and resources of the project area and its surroundings. Identify the trends that are likely to continue in the absence of the project.

There are currently 26 residents at the Harrison County Home, a 33-bed facility that provides housing and care for elderly persons. The County Home is financially supported through tax levies and a small percentage of private-pay residents. An income survey of residents conducted in June of 2016 indicated that 92% of County Home residents are LMI.

The existing package wastewater treatment plant (WWTP) that serves the Harrison County Home is 43 years old and nearing the end of its useful life. Effluent from the existing extended aeration package plant is dosed onto slow sand filters prior to disinfection with sodium hydrochlorite and dechlorination using sodium bisulfite. In September 2015, the Ohio EPA issued a Notice of Violation regarding the condition of the plant. Specific items that needed to be corrected were: excessive vegetation in the plant's sand filters, cracking of the PVC dosing pipes, deterioration of the chlorine tank allowing dirt and surface water to enter, and cracked concrete walls of the sand filters. Ohio EPA also required the County to obtain a NPDES permit for the plant. All findings have since been addressed. However, the overall life of the existing treatment plant has not been prolonged and the plant has difficulties consistently meeting the NPDES permit requirements. If not replaced, maintenance costs will continue to be prohibitive on a system that has reached end-of-life.

Effluent from the plant is discharged into the Little Stillwater Creek, a headwater stream for Tappan Lake. Tappan Lake is the source of drinking water for the Village of Cadiz and water quality, especially the potential for harmful algal blooms is a concern. Elimination of the discharge from the County Home WWTP will have a beneficial impact on the water quality of the Little Stillwater Creek and ultimately Tappan Lake.

For these reasons, the Harrison County Commissioners decided to decommission the WWTP and install a duplex pump station and force main to convey wastewater from the County Home to the Village of Cadiz for treatment. (Please see location maps and site photographs.)

## Analysis of Alternatives

**Instructions:**

Examine alternatives to the project, including the alternative of no action.

There are two alternatives, which can be considered at this time. This system was repaired superficially in March of 2016 to bring it into compliance with EPA requirements. However, these repairs did not prolong useful life, and it is estimated that the system may still fail within the next two years.

The first alternative is to allow the system to fail, at which time, the Village will have to revisit replacement options.

The second option is to continue to apply maintenance measures, which are becoming prohibitive and costly, and will ultimately not provide a long-term solution.

The proposed project to install a dual pumping station and 12,100' of force main will replace the current system and tie into the Village of Cadiz. Although the new pumping system will still require electricity, this project will eliminate the need for continuous operation of the electric-powered blowers and dosing pumps, resulting in lower energy costs. Chemical costs will be eliminated as chemicals for disinfection, dechlorination and odor control will not be needed. Labor requirements will also be reduced as the labor intensive task of raking and cleaning the sand filters will be eliminated, and sampling and testing will not be required.

Effluent from the current plant is discharged into the Little Stillwater Creek, a headwater stream for Tappan Lake. Tappan Lake is the source of drinking water for the Village of Cadiz and water quality especially the potential for harmful algae blooms is a concern. Elimination of the discharge from the County Home WWTP will have a beneficial impact on the water quality of the Little Stillwater Creek and ultimately Tappan Lake.

The proposed project will be installed at the site of the existing wastewater treatment system, while the force main will be installed along the 2.3 miles on the north side of US 250 and CR 11 before tying into the Village's wastewater system, where a raw water line already exists. This installation option produces very little disruption to the existing landscape and is ultimately the least invasive solution, creating a smaller visual footprint than the current system.

For these reasons, the Village has elected to proceed with the most efficient and cost effective option to provide a long-term solution.

**Analysis of Impacts and Mitigation Actions****Instructions:**

Summarize and evaluate all potential environmental impacts, whether beneficial or adverse, and the conditions that would change as a result of the project. Describe measures to eliminate, minimize, or mitigate adverse environmental impacts.

The proposed wastewater treatment plant for the Harrison County Home will have no significant adverse impacts on the environment. The elimination of discharge into the Little Stillwater Creek, and ultimately Tappan Lake should provide an overall beneficial effect.

**Floodplain**

The proposed project is in Flood Plain X and not in the 100-Year Flood Plain.

**Wetlands**

The wetlands map produced by the U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory is provided in the Attachments. As shown on the map, there are two freshwater emergent wetland areas north of the project area, and a very small freshwater emergent area northeast of the area. There are also four small freshwater emergent wetland areas dispersed south along the project area. There is a group of three freshwater forested shrub wetland areas south of the project area just before US 250 branches off onto CR 11. The map indicates that none of the wetlands are directly in the project area. As all construction will be conducted within the 30' right-of-way on the north side of US 250 and CR 11, no wetland areas are expected to be impacted.

Coordination with the US Army Corps of Engineers resulted in a determination that no regulatory permitting was required, and that all affected stream crossings can be mitigated using directional bore.

The U.S. Department of Agriculture (USDA) Web Soil Survey was used to determine soil types within the project area. There were three types of soils identified as hydric in the project area. The hydric soils are present in the force main path only. There are no hydric soils identified as present at the sight of the pump installation. All pipe will be installed within the 30' right-of-way owned by the County where a raw waterline is already in place. All other soils identified for the project area were not considered to be hydric soils. Communication with the Natural Resource Conservation Office confirmed that there are no soil concerns with the project. (Please see attached correspondence.)

**Hydric:**

FcB Fitchville silt loam, 3 to 8 percent slopes  
GsB Glenford silt loam, 3 to 8 percent slopes  
Or Orrville silt loam, 0 to 3 percent slopes, occasionally flooded

**Coastal Zone Management**

There are no coastal zones in the project area.



### **Sole Source Aquifers**

There are no sole source aquifers in the project area. The nearest such aquifer serves the Village of Pleasant City, Ohio, and lies approximately 50 miles southwest of the Village of Cadiz.

### **Endangered Species**

There are no concerns with endangered species in the project area as reviewed by the Ohio Department of Natural Resources. (Please see correspondence with the Ohio Department of Natural Resources.)

### **Wild and Scenic Rivers**

There are no wild and scenic rivers in the project area. (Please see attached map.)

### **Air Quality**

Based on a review of the EPA maps and databases, Harrison County is in attainment and compliance with the national ambient air quality standards for all federally regulated air pollutants, (nitrogen dioxide, sulfur dioxide, carbon monoxide, lead, ozone, and particulate matter). (Please see attached maps.)

### **Farmland Protection**

All components of the project will be installed within the 30' right-of-way owned by the County. No farmland will be adversely affected.

### **Noise Abatement and Control**

Noise will be limited to normal and temporary construction activities, which will take place during day light hours only.

### **Airport Clear Zones and Accident Potential Zones**

The Harrison County Airport, located at 43000 Airport Road, Cadiz, OH is approximately 2.89 miles away from the project site at its closest point. This is a civilian airport, which is more than 2500 feet removed from the project site as required by HUD Airport Hazards Guidelines. (Please see attached map.)

### **Explosive and Flammable Operations**

This project does not include development, construction, or rehabilitation that will increase residential densities, or conversion. There was a used car lot located on the north side of US 250 at approximately 40°17'22.4"N 81°01'21.5"W in the 1960s, but it is believed that the underground tanks have been removed. US EPA NEPAassist and US EPA Envirofacts databases were reviewed. No explosive or flammable operations were identified in the project area. (See attached maps.) No violations or compliance issues were identified.

**Toxic Chemical and Radioactive Materials**

US EPA NEPAssist and US EPA Envirofacts databases were reviewed. There were no RCRA sites in the project area. Based on this, no adverse effects related to toxic chemicals or radioactive materials are expected to occur. There are no active BUSTR sites in the project area. (See attachments.)

**Environmental Justice**

The Harrison County Home, which is the beneficiary of this project, is a 33-bed facility for the elderly. All residents of the home, regardless of age, sex, ethnicity, race, income, sexual preference, or poverty level will benefit from this project. Therefore, Environmental Justice issues do not apply to this project.

### Monitoring and Enforcement Procedures

**Instructions:**

Describe any post-review monitoring or enforcement procedures associated with environmental mitigation actions.

N/A



List of Sources, Agencies, and Persons Consulted

<b>Ohio Historic Preservation Office - Kendra Kennedy, Project Review Manager</b>
<b>Ohio EPA - Maggie Selbe - Environmental Specialist 2</b>
<b>Huntington District Army Corps of Engineers - Teresa D. Spagna</b>
<b>Huntington District Army Corps of Engineers - Nicole Marisavljevic</b>
<b>Huntington District Army Corps of Engineers - Jeremy Kinney</b>
<b>Ohio Department of Natural Resources - Debbie Woischke, Ohio Natural Heritage Database</b>
<b>Natural Resource Conservation Service - Steven Baker</b>
<b>Harrison County Engineers Office - Robert Sterling, Harrison County Engineer</b>

**List of Site Visits and Important Meetings**

Date	Participants	Description
2/24/2016	William Host, Don Bethel, Dale Norris, Jody Hennis, Joyce Klinger, Janet McGonigal, JD Long, Ruth Ann Nabb, Scott Blackburn, Doug Crabtree, Joe Myers, Kathryn Clayton	Public meeting to discuss CDBG programs.
5/25/2016	Dale Norris, William Host, Don Bethel, JD Long, Scott Blackburn, Doug Crabtree, Kathryn Clayton, Janet McGonigal, Joyce Klinger, Ruth Ann Nabb	Public hearing to inform residents about projects being considered for the CDBG program.
6/7/2016	Dale Norris, William Host, Don Bethel, Ruth Ann Nabb, JD Long, Doug Crabtree, Trina Woodland, Misty Tolzda, Joe Myers, Kathryn Clayton	Public hearing to provide citizens an opportunity to review and comment on proposed improvements to the Harrison County Home Wastewater Treatment Plant
4/27/2017	Robert Sterling, Harrison County Engineer Jeannette Wierzbicki, OMEGA Executive Director Trina Woodland, Community Development Specialist Nicole Marisavljevic, Dover Field Office, Huntington District US Army Corps of Engineers Jeremy Kinney, Dover Field Office, Huntington District Army Corps of Engineers	Conducted a walk along the force main route between the Harrison County Home and the Village of Cadiz to determine the potential impact of the project on stream crossings.

**List of Site Visits and Important Meetings**


**HARRISON COUNTY COMMISSIONERS  
100 WEST MARKET STREET  
CADIZ OH 43907**

**Commissioners Meeting  
February 24, 2016**

**Attendance:** William Host, Don Bethel & Dale Norris

**Others Present:** Jody Hennis, Joyce Klingler, Janet McGonigal, JD Long, Ruth Ann Nabb, Scott Blackburn, Doug Crabtree, Joe Myers & Kathryn Clayton

**Meeting**

Commissioner Bethel called the meeting to order.

**Jody Hennis (CIC - Public Hearing #1)**

HARRISON COUNTY PUBLIC HEARING #1

MINUTES RECORDED ON February 24, 2016

ALL GRANT PROGRAMS

INCLUDING:

HOME/OHTF/CDBG PROGRAMS - ODSA/OCD

The meeting was held on 2-24-16 at 10:00 a.m. in the Commissioners hearing room in the Courthouse in Cadiz. The hearing was called to order by Don Bethel. Jody Hennis of the Harrison County Community Improvement Corporation read the following notice as it appeared on various community bulletin boards. This notice was posted from February 4, 2016 until date of hearing - February 24, 2016.

**NOTICE OF PUBLIC HEARING #1  
FY2016 OHIO DEPARTMENT OF DEVELOPMENT SMALL CITIES  
COMMUNITY DEVELOPMENT AND HOME PROGRAM**

Harrison County intends to make application to the State of Ohio Development Services Agency for funding under the Fiscal Year 2016 Community Development Block Grant and HOME Small Cities Program, a federally-funded program administered by the State. The County is eligible for approximately \$75,000 of Community Development Allocation program funding, providing the County meets applicable program requirements. Other available funding programs include:

Economic Development - Appalachian Development Programs  
Economic Development Public Infrastructure  
Community Development - Allocation Program - Neighborhood Revitalization  
Downtown Revitalization - Critical & Residential Public Infrastructure  
Community Housing Impact & Preservation Program (CHIP) (during a non-funded grant year)  
Housing Opportunities for People with AIDS - Housing Assistance Grant Program  
Homeless Crisis Response Program - Supportive Housing Program  
Other ED, Infrastructure, or Job Creation Programs  
And Any New Programs Announced Under the CDBG Or HOME Program.

The first of the required two public hearings for this comprehensive grant program will be convened in the Harrison County Commissioners Office, 100 W. Market St. Cadiz, Ohio. The hearing shall commence at 10:00 a.m., February 24, 2016 to provide citizens with pertinent information about the CDBG/HOME program, including an explanation of eligible activities and program requirements.

The CDBG program can fund a broad range of activities, including: planning activities; improvements to public facilities, public services, housing, economic development and fair housing. The activities must be designed to primarily benefit low and moderate income persons or aid in the prevention or elimination of slums and blight or meet an urgent need of the community.

The Ohio Development Services Agency's Office of Community Development (OCD) changed the application requirements for the Community Development Program. Starting in Program Year 2016, a Community Development Implementation Strategy (CDIS) to foster communication with stakeholders in eligible applicant communities was developed. This strategy will be modified as needed. Grantees are required to disseminate information about the Community Development, Residential Infrastructure Public Grant, and Economic Development programs to local stakeholders and encourage participation in the CDIS process.

2016 eligible areas: Bowerston, Harrisville, Jewett, New Athens and Scio Vigs; & German & Rumley Twps.

Citizens are encouraged to attend this public hearing to provide their input on Harrison County's CDBG program. Should any participant require auxiliary aids due to disability, please contact this office at least one week prior to the hearing date to ensure needs will be accommodated.

## Board of Harrison County Commissioners

As part of the handouts, the 2014 listing of LMI Summary Data for Harrison County was provided.

Bowerston, Harrisville and Scio Village(s) have completed the house to house income surveys.

With no further questions, the public hearing was adjourned.

Respectfully submitted by Jody Hennis.

**Doug Crabtree (Engineers Office)****Purchase Orders & Vouchers**

Commissioner Norris moved to approve the purchase orders & vouchers as submitted, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Scott Blackburn (DJFS Director)****Travel Letter**

February 21 for Cody Wiltshire to travel to Akron Children's Hospital, Akron OH to complete an investigation of child abuse

February 22 for Mona Bryant, Misty Baille, Stacey Greer and Tina Ray to travel to Belmont County DJFS in Martins Ferry OH for OB Training

February 23 for Cody Wiltshire and Billie Allison to travel to Akron OH to pick up child in custody from Akron Children's Hospital

February 26 for myself to travel to New Philadelphia OH for a Shared Services/CDDA meeting

Commissioner Norris moved to approve the travel letter, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Bills**

Commissioner Norris moved to approve the bills as submitted, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Resolution 4-16 (ODOT Project County Road 4 Resurfacing)**

The following Final Resolution enacted by the Board of County Commissioners, County of Harrison, Ohio, hereinafter referred to as the Legislative Authority/Local Public Agency or "LPA", in the matter of the stated described project.

Whereas, on 24th day of February, 2016 the LPA enacted legislation proposing cooperating with the Director of Transportation for the described project:

The project consists of resurfacing County Road 4 from US 22 interchange to SR 646, lying with Harrison County.

Whereas, the LPA shall cooperate with the Director of Transportation in the above described project as follows:

The County agrees to assume and bear one hundred percent (100%) of the entire cost of the improvement, less the amount of Federal-Aid CEAO funds set aside by the Director of Transportation for the financing of this improvement from funds allocated by the Federal Highway Administration, U.S. Department of Transportation.

The share of the cost of the LPA is now estimated in the amount of One Hundred Eighty Two Thousand Two Hundred Eight and — 00/100 Dollars (\$182,208.00) but said estimated amount is to be adjusted in order that the LPA's ultimate share of said improvement shall correspond with said percentages of actual costs when said actual costs are determined; and

Whereas, The Director of Transportation has approved said legislation proposing cooperation and has caused to be made plans and specifications and an estimate of cost and expense for improving the above described highway and has transmitted copies of the same to this legislative authority; and

Whereas, the LPA desires the Director of Transportation to proceed with the aforesaid highway improvement.

Now, Therefore, be it resolved:

- I. That the estimated sum of One Hundred Eighty Two Thousand Two Hundred Eight and — 00/100 Dollars (\$182,208.00) is hereby appropriated for the improvement described above and the fiscal officer is hereby authorized and directed to issue an order on the treasurer for said sum upon the requisition of the Director of Transportation to pay the cost and expense of said improvement. We hereby agree to assume in the first instance, the share of the cost and expense over and above the amount to be paid from Federal funds.
- II. That the LPA hereby requests the Director of Transportation to proceed with the aforesaid highway improvement.
- III. That the LPA enter into a contract with the State, and that President be, and is hereby authorized to execute said contract, providing for the payment of the LPA the sum of money set forth herein above for improving the described project
- IV. That the LPA transmit to the Director of Transportation a fully executed copy of this Resolution.

This is to certify that we have compared the foregoing copy of Resolution with the original record thereof, found in the record of the proceedings of the LPA and which Resolution was duly passed by the LPA on the



24th day of February, 2016 and that the same is a true and correct copy of the record of said Resolution and the action of said LPA thereon.

Commissioner Norris moved to approve Resolution 4-16, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Contract 1-16 (ODOT Project County Road 4 Resurfacing)**

This contract is made by and between the State of Ohio, Department of Transportation, acting through its director and the Board of County Commissioners, County of Harrison. Scope of work: The project consists of resurfacing County Road 4 from US 22 interchange to SR 646, lying within Harrison County

**Agreement 13-16 (Escrow Agreement ODOT Project County Road 4 Paving)**

This is an Escrow Agreement for the County Road 4 Resurfacing Project

Commissioner Norris moved to approve Agreement 13-16, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Sheriff Myers (Executive Session)**

Commissioner Norris moved to enter into Executive Session for the matter of personnel, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Reconvene**

Commissioner Norris moved to reconvene with no action taken, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Sheriff's Request**

Please increase appropriations in the following:  
X05-X01 Dare Fund \$5,000

Commissioner Norris moved to approve the request, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Request for Proposals**

The Harrison County Commissioners will be accepting RFP's (Request for Proposals) for additional EMS Services in times of Emergency; to respond as "Emergency back-up service" for Harrison County Emergency Volunteers. RFPs will be received until 9:00 a.m. on March 16<sup>th</sup>, 2016 and will be opened and at 10:30 a.m. Requests for details to be included may be obtained by contacting the Harrison County Commissioners Office at 100 West Market Street, Cadiz OH 43907, phone 740-942-4623 or email commissioners34@frontier.com The Harrison County Commissioners reserve the right to accept or reject any and all proposals.

Commissioner Norris moved to approve the request for proposal, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**2015 County Highway System Mileage Certification**

The total length of county maintained public roads in Harrison County was 264.440 miles as of December 31, 2014, as certified by the Board of County Commissioners and/or reported by the Director of Transportation in accordance with the provisions specified in Section 4501.04 of the Ohio Revised Code.

Commissioner Norris moved to approve the 2015 County Highway System Mileage Certification, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Resolution 5-16 (Harrison County Dental Coverage)**

Eligibility: Full-time employees working a minimum of 30 hours per week

Amount: \$180 (Every Calendar Year)

In order to be reimbursed, the employee must submit detailed dental receipts within 30 days after services are rendered to Mark Soos.

Effective March 2, 2016

Commissioner Norris moved to approve Resolution 5-16, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Adjourned**

Commissioner Norris moved to adjourn, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

  
William Host,

  
Dale Norris

  
Don Bethel, Chairman

  
Brandi Simmons, Clerk

**HARRISON COUNTY COMMISSIONERS  
100 WEST MARKET STREET  
CADIZ OH 43907**

**Commissioners Meeting  
May 25, 2016**

**Attendance:** Dale Norris, William Host & Don Bethel

**Others Present:** JD Long, Scott Blackburn, Doug Crabtree, Kathryn Clayton, Janet McGonigal, Joyce Klingler, Ruth Ann Nabb

**Meeting**

Commissioner Bethel called the meeting to order.

**Minutes**

Commissioner Norris moved to approve the minutes of May 18, seconded by Commissioner Host. Motion carried with Host, Bethel & Norris all voting yes.

**CDBG Public Hearing #2**

The meeting was held on 5-25-16 at 10:00 a.m. in the Commissioners hearing room in the Courthouse in Cadiz. The hearing was called to order by Don Bethel - Chairman of the Board of County Commissioners. Jody Hennis of the Harrison County CIC Office read the following notice as it was distributed and/or posted:

**NOTICE**

**PUBLIC HEARING # 2**

Harrison County intends to apply to the Ohio Development Services Agency for funding under Fiscal Year 2016 Community Development Block Grant (CDBG) Small Cities Program, a federally funded program administered by the State. The County is eligible for \$75,000 of CDBG funding, providing the county meets applicable program requirements. On February 24, 2016, the county held its first public hearing to inform citizens about all grant programs, including the CDBG program, how the funding may be used, what activities are eligible, and other important program requirements. The following projects have been selected for CDBG Formula funding:

	CDBG Funding	Benefit
Deersville Vlg – Main St. sidewalk replacement	\$20,000	LMI
Scio VFD – floor replacement	\$20,000	LMI
Clark Gable Museum - elevator installation	\$20,000	LMI
Fair Housing	\$ 3,800	
Administration	\$11,200	
	<b>TOTAL</b>	<b>\$75,000</b>

Alternates if needed:

Scio Vlg – pavillon construction	\$20,000	LMI
Jewett Vlg – park building restroom upgrade	\$20,000	LMI

Citizens are encouraged to attend this meeting on May 25 at 10:00 a.m. to express their views and comments on the county's proposed CDBG application.

By order of the Board of Harrison County Commissioners    **MAY 10, 2016**

Grant timeline was reviewed and noted that the grant would be submitted electronically by June 17, 2016. With no further discussion or questions, the public hearing adjourned.

**Doug Crabtree (Engineers Office)**

**Purchase Orders & Vouchers**

Commissioner Norris moved to approve the purchase orders & vouchers as submitted, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Agreement 25-16 (RUMA)**

This Agreement is by and between Harrison County and Maysville Timber. Whereas operator intends to commence use of 4 miles of County Road 10 for the purpose of ingress and egress from the Putnam Farm for traffic necessary for the purpose of Harvesting and Removal of Timber at the Putnam Farm.

Commissioner Norris moved to table Agreement 25-16, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

I would also like to thank everyone that supported the Freeport Farmers Sportsman Club for their Kids Fishing Derby. There were a total of 105 kids.

**Scott Blackburn (DJFS Director)**

**Travel Letter**

May 13 for Linda Schoppe to travel to Wheeling & Belmont for a required F/F visit  
 May 15, 16 & 17 for Tina Ray and Stacey Greer to travel to Columbus for OB Training  
 May 18, 20, 25 & 27 for Billie Allison to travel to Weirton to transport children for visitation  
 May 19 for Tessi Jozwiak, Joanna Culver and Valerie Baker to travel to Columbus for a ABD Medicaid Training  
 May 22 for Jodi Saffell and Mona Bryant to travel to Columbus for OB Training  
 May 24 for Valerie Baker to travel to Union County for a Readiness Meeting  
 May 25 for Valerie Baker to travel to Tuscarawas County DJFS for a Shared Service Meeting  
 May 26 for Demetrius Carrothers to travel to Zanesville for a required F/F visit  
 May 27 for Demetrius Carrothers to travel to Steubenville for a required F/F visit and Weirton to transport children for visitation

Commissioner Norris moved to approve the travel letter, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Bills**

Commissioner Norris moved to approve the bills as submitted, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Resolution 16-16 (Declaring the Necessity to Levy a Tax – County Home)**

The Board determines and declares that the amount of taxes which may be raised within the ten mill limitation will be insufficient and that it is necessary to levy a tax in excess of the ten mill limitation for the benefit of the Harrison County Home, Harrison County, Ohio, for the purpose of maintenance and operation of the Harrison County Home at a rate not exceeding 1.5 mills for each one dollar valuation, which amounts to \$0.15 for each one hundred dollars of valuation for five (5) years and which is a renewal of an existing levy first due in the year 2017 payable in 2018.

Commissioner Norris moved to approve Resolution 16-16, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Resolution 17-16 (Declaring the Necessity to Levy a Tax – Sheriff's Office)**

The Board determines and declares that the amount of taxes which may be raised within the ten mill limitation will be insufficient and that it is necessary to levy a tax in excess of the ten mill limitation for the benefit of the Harrison County Sheriff's Office, Harrison County, Ohio, for the purpose of Police Protection, including the payment of salaries for police personnel, providing, upgrading and maintaining equipment by the Harrison County Sheriff's Office at a rate not exceeding 1 mill for each one dollar valuation, which amounts to \$0.10 for each one hundred dollars of valuation for five (5) years and which is a renewal of an existing levy first due in the year 2017 payable in 2018.

Commissioner Norris moved to approve Resolution 17-16, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Resolution 18-16 (Declaring the Necessity to Levy a Tax – Ambulance Replacement)**

The Board determines and declares that the amount of taxes which may be raised within the ten mill limitation will be insufficient and that it is necessary to levy a tax in excess of the ten mill limitation for the benefit of the Harrison County, Harrison County, Ohio, for the purpose of Ambulances for Emergency Squads at a rate not exceeding 1/2 mill for each one dollar valuation, which amounts to \$0.05 for each one hundred dollars of valuation for a continuing period and which is a renewal of an existing levy first due in the year 2017 payable in 2018.

Commissioner Norris moved to approve Resolution 18-16, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Common Pleas Probate/Juvenile Grant Amendment**

We would like to request an amendment to our grant as follows:

Decrease program 101 Probation from \$75,279.80 to \$72,679.80  
 Decrease program 205 Educational Services from \$7,000 to \$4,600  
 Increase program 214 information and awareness from \$1,000 to \$6,000

This amendment is not changing the total program costs or the nature of these programs. We are simply moving money to be able to make purchases for the Information & Awareness Program.

Commissioner Norris moved to approve the grant amendment, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Common Pleas General Division New Line Items/Appropriation**

The Harrison County Common Pleas Court has been awarded a Technology Grant totaling \$18,106. More information regarding the Court's plans for this money will be announced next week at the Commissioner's meeting. I have spoken with Ty in the Auditor's Office and the following accounts have been set up:

B95 Technology Grant fund  
R0120-B095-B01 Grant – Technology Grant  
E0050-B095-B01.120 Expenses – Technology Grant

I would also like to appropriate funds for this account at this time:  
E0050-B095-B01 \$18,106.00

Commissioner Norris moved to approve the new line item and appropriation, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Common Pleas Juvenile/Probate Division Transfer Request**

Please make the following transfer:  
\$2600 from D04-D03 (Probation PERS) to D04-D14 (Information & Awareness)  
\$2400 from D04-D13 (Truancy) to D04-D14 (Information & Awareness)

This grant is fully funded by the Department of Youth Services grant. This transfer is necessary to meet our obligations for an amendment.

Commissioner Norris moved to approve the transfer request, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Health Department Transfer Request**

Please transfer \$10,000 from E000-E18 to A00 (General Fund). This is partial payment of the total advancements received.

Commissioner Norris moved to approve the transfer request, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**OMEGA Revolving Loan Committee Appointment**

Commissioner Norris moved to appoint Mike Sliva of PNC Bank to the OMEGA Revolving Loan Committee beginning 9/1/2016 and ending 8/31/2019, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Chuck Fisher (Health Department)**

Mr. Fisher wanted to let the public know that they have funding available to help residents with septic repairs and upgrades. They just need to contact the health department; this is not something to get people in trouble but to help with the costs to get their systems upgraded.

**Treasurer Office Transfer Request**

I am requesting a transfer of \$200 from E00-A001-C08.080 Advertising & Printing to E0030-A004-D13.030 Bank Supplies. Commissioner Norris moved to approve the transfer, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Sheirff Myers**

We had a pretty good attendance at our Safety Meeting - Next meeting will be June 27 at 10:00 a.m.

**Vicki Sefick (Treasurer)**

Mrs. Sefick asked if mulching and such would be done before the memorial day program? Commissioner Bethel responded no that it would not get done before Memorial Day.

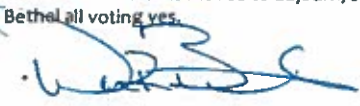
**Commissioner Bethel**

Commissioner Bethel asked Mr. Crabtree if he could get an update/pricing on the guardrail for the area along property owned by Mrs. Scott.

Also wanted to say congrats to the FAB 5 Cheerleaders for they accomplishment in their tournament and also good luck to the baseball team and track members heading on to compete this weekend.

**Adjourned**

Commissioner Norris moved to adjourn, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

  
Don Bethel, Chairman

  
Dale Norris

  
William Host

  
Brandi Simmons, Clerk

**HARRISON COUNTY COMMISSIONERS  
100 WEST MARKET STREET  
CADIZ OH 43907**

Commissioners Meeting  
June 7, 2016

Attendance: Dale Norris, William Host & Don Bethel

Others Present: Ruth Ann Nabb, JD Long, Doug Crabtree, Trina Woodland, Misty Tolzda, Joe Myers & Kathryn Clayton

**Meeting**

Commissioner Bethel called the meeting to order.

**Minutes**

Commissioner Norris moved to approve the minutes of June 1, seconded by Commissioner Host. Motion carried with Host, Bethel & Norris all voting yes.

**Robert Sterling (Engineer) & Misty Tolzda (OMEGA)**

**Public Hearing**

A public hearing was held to apply for funding by filing an application for the Critical Infrastructure Program, the following resolution was passed to apply for the funding as part of the public hearing:

**Resolution 19-16**

A RESOLUTION AUTHORIZING THE CHAIRMAN OF THE BOARD OF THE HARRISON COUNTY COMMISSIONERS TO SUBMIT AN APPLICATION TO THE OHIO DEVELOPMENT SERVICES AGENCY FOR THE COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) CRITICAL INFRASTRUCTURE PROGRAM AND TO EXECUTE THE PROPOSED PROGRAM.

WHEREAS, the Harrison County Commissioners approve filing an application for the Critical Infrastructure Program for the purpose of decommissioning the wastewater treatment plant at the Harrison County Home, and installing a pump station and force main line to connect to Village of Cadiz wastewater system;

WHEREAS, the Harrison County Commissioners have determined the Harrison County Home Wastewater System Improvement Project is a priority need of the county and is a qualified project under the CDBG Critical Infrastructure Program;

**NOW, THEREFORE, BE IT RESOLVED BY THE HARRISON COUNTY COMMISSIONERS:**

**SECTION ONE:** The Chairman of the Board of the Harrison County Commissioners, is authorized to submit an application to the Ohio Development Services Agency for the Harrison County Home Wastewater System Improvement Project and to execute agreements as required; and

**SECTION TWO:** The Harrison County Commissioners agree to obligate \$39,780, which includes \$12,000 in administrative fees, to satisfactorily complete the project.

This would also an upgrade to the wastewater treatment plant at the Harrison County Home and also allow for expansion along State Route 250 in the future by adding homes onto the system.

Commissioner Norris moved to approve Resolution 19-16, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

With no questions, the public hearing concluded with the passage of the supporting resolution and signatures thereof.

**Resolution 20-16 (Ambulances)**

WHEREAS, on the 7th day of June, 2016, this Board adopted a resolution determining to submit to the electors Harrison County, the question of levying a tax in excess of the ten-mill limitation, as described below, a copy of which resolution was certified to the County Auditor of Harrison County; and

WHEREAS, the County Auditor has certified to this Board that the total current tax valuation of Harrison County is \$473,102,660.00, and the dollar amount of revenue that will be produced annually by the millage stated below would be \$224,415.

**NOW THEREFORE, BE IT RESOLVED** by the Board of County Commissioners of HARRISON COUNTY, OHIO, that:

Section 1. This Board desires and determines to proceed with the submission to the electors of the question of levying a tax in excess of the ten-mill limitation for the benefit of Harrison County, Harrison County, Ohio, for the purpose of Ambulances for Emergency Squads, at a rate not exceeding .50 mills for each one dollar of valuation, which amounts to Fifteen Cents (\$.15) for each one hundred dollars of valuation for a continuing period, and which levy is a renewal of an existing levy.

Section 2. The question of approving the levy shall be submitted to the electors of Harrison County at the election to be held on the 8<sup>th</sup> day of June, 2016, and that said levy be placed on the tax lists of the current tax year, commencing in 2017, first due in calendar year 2018, in compliance with the provisions of ORC 5705.34, if a majority of the electors voting thereon vote in favor thereof.

Section 3. The Fiscal Officer of this Board is directed to certify a copy of this resolution to the Board of Elections of Harrison County, Ohio, not less than ninety days before the election, and notify said Board of Elections to cause notice of election on the question of levying said tax to be given as required by law.

Section 4. It is found and determined that all formal actions of this Board concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in those formal actions were in meetings open to the public, in compliance with law.

Commissioner Host seconded the Resolution and the roll being called upon its adoption, the vote resulted as follows: Norris, Host & Bethel all voting yes.

**Resolution 21-16 (Harrison County Home)**

Commissioner Norris moved the adoption of the following Resolution:

WHEREAS, on the 7<sup>th</sup> day of June, 2016, this Board adopted a resolution determining to submit to the electors Harrison County, the question of levying a tax in excess of the ten-mill limitation, as described below, a copy of which resolution was certified to the County Auditor of Harrison County; and

WHEREAS, the County Auditor has certified to this Board that the total current tax valuation of Harrison County is \$473,102,660.00, and the dollar amount of revenue that will be produced annually by the millage stated below would be \$629,562.00.

NOW THEREFORE, BE IT RESOLVED by the Board of County Commissioners of HARRISON COUNTY, OHIO, that:

Section 1. This Board desires and determines to proceed with the submission to the electors of the question of levying a tax in excess of the ten-mill limitation for the benefit of Harrison County, Harrison County, Ohio, for the purpose of maintenance and operation of the Harrison County Home, at a rate not exceeding 1.5 mills for each one dollar of valuation, which amounts to Fifteen Cents (\$.15) for each one hundred dollars of valuation for a five year period, and which levy is a renewal of an existing levy.

Section 2. The question of approving the levy shall be submitted to the electors of Harrison County at the election to be held on the 8<sup>th</sup> day of June, 2016, and that said levy be placed on the tax lists of the current tax year, commencing in 2017, first due in calendar year 2018, in compliance with the provisions of ORC 5705.34, if a majority of the electors voting thereon vote in favor thereof.

Section 3. The Fiscal Officer of this Board is directed to certify a copy of this resolution to the Board of Elections of Harrison County, Ohio, not less than ninety days before the election, and notify said Board of Elections to cause notice of election on the question of levying said tax to be given as required by law.

Section 4. It is found and determined that all formal actions of this Board concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in those formal actions were in meetings open to the public, in compliance with law.

Commissioner Host seconded the Resolution and the roll being called upon its adoption, the vote resulted as follows: Norris, Host & Bethel all voting yes.

**Resolution 22-16 (Sheriff's Office)**

Commissioner Norris moved the adoption of the following Resolution:

WHEREAS, on the 7<sup>th</sup> day of June, 2016, this Board adopted a resolution determining to submit to the electors Harrison County, the question of levying a tax in excess of the ten-mill limitation, as described below, a copy of which resolution was certified to the County Auditor of Harrison County; and

WHEREAS, the County Auditor has certified to this Board that the total current tax valuation of Harrison County is \$473,102,660.00, and the dollar amount of revenue that will be produced annually by the millage stated below would be \$448,830.

NOW THEREFORE, BE IT RESOLVED by the Board of County Commissioners of HARRISON COUNTY, OHIO, that:

Section 1. This Board desires and determines to proceed with the submission to the electors of the question of levying a tax in excess of the ten-mill limitation for the benefit of Harrison County, Harrison County, Ohio, for the purpose of Police Protection – Salaries & Providing, upgrading and maintaining equipment by the Sheriffs Office, at a rate not exceeding 1.0 mills for each one dollar of valuation, which amounts to Ten Cents (\$.10) for each one hundred dollars of valuation for a five year period, and which levy is a renewal of an existing levy.

Section 2. The question of approving the levy shall be submitted to the electors of Harrison County at the election to be held on the 8<sup>th</sup> day of June, 2016, and that said levy be placed on the tax lists of the current tax

year, commencing in 2017, first due in calendar year 2018, in compliance with the provisions of ORC §705.34, if a majority of the electors voting thereon vote in favor thereof.

Section 3. The Fiscal Officer of this Board is directed to certify a copy of this resolution to the Board of Elections of Harrison County, Ohio, not less than ninety days before the election, and notify said Board of Elections to cause notice of election on the question of levying said tax to be given as required by law.

Section 4. It is found and determined that all formal actions of this Board concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in those formal actions were in meetings open to the public, in compliance with law.

Commissioner Host seconded the Resolution and the roll being called upon its adoption, the vote resulted as follows: Norris, Host & Bethel all voting yes.

**Common Pleas General Division Transfer Request**

We have funds appropriated in the following line items and we are requesting to transfer. Please transfer the following funds:

\$0.11 from B93-B01 (Salary)	to B93-B05 (Supplies)
\$35.85 from B93-B02 (PERS)	to B93-B05 (Supplies)
\$50.00 from B93-B10 (Program Expenses)	to B93-B09 (General Expenses)

Commissioner Norris moved to approve the transfers, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**DJFS Purchase Orders/Vouchers**

Commissioner Norris moved to approve the purchase orders & vouchers as submitted, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Agreement 23-16 (Amendment)**

This is an amended agreement with Zuercher, we have found some overage charges and this will correct those charges. The overage charges are approximately \$18,551.

Commissioner Norris moved to approve Agreement 23-16, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

**Announcement**

The meeting scheduled for June 21<sup>st</sup> is going to be rescheduled for June 20<sup>th</sup>.

**Adjourned**

Commissioner Norris moved to adjourn, seconded by Commissioner Host. Motion carried with Norris, Host & Bethel all voting yes.

  
Don Bethel, Chairman

  
Dale Norris

  
William Host

  
Brandi Simmons, Clerk

### Participants in the Review

Name	Title	Organization
Trina Woodland	Community Development Specialist	Ohio Mid-Eastern Governments Association
Robert Sterling	Harrison County Engineer	Harrison County



## Location Map

This attachment includes:

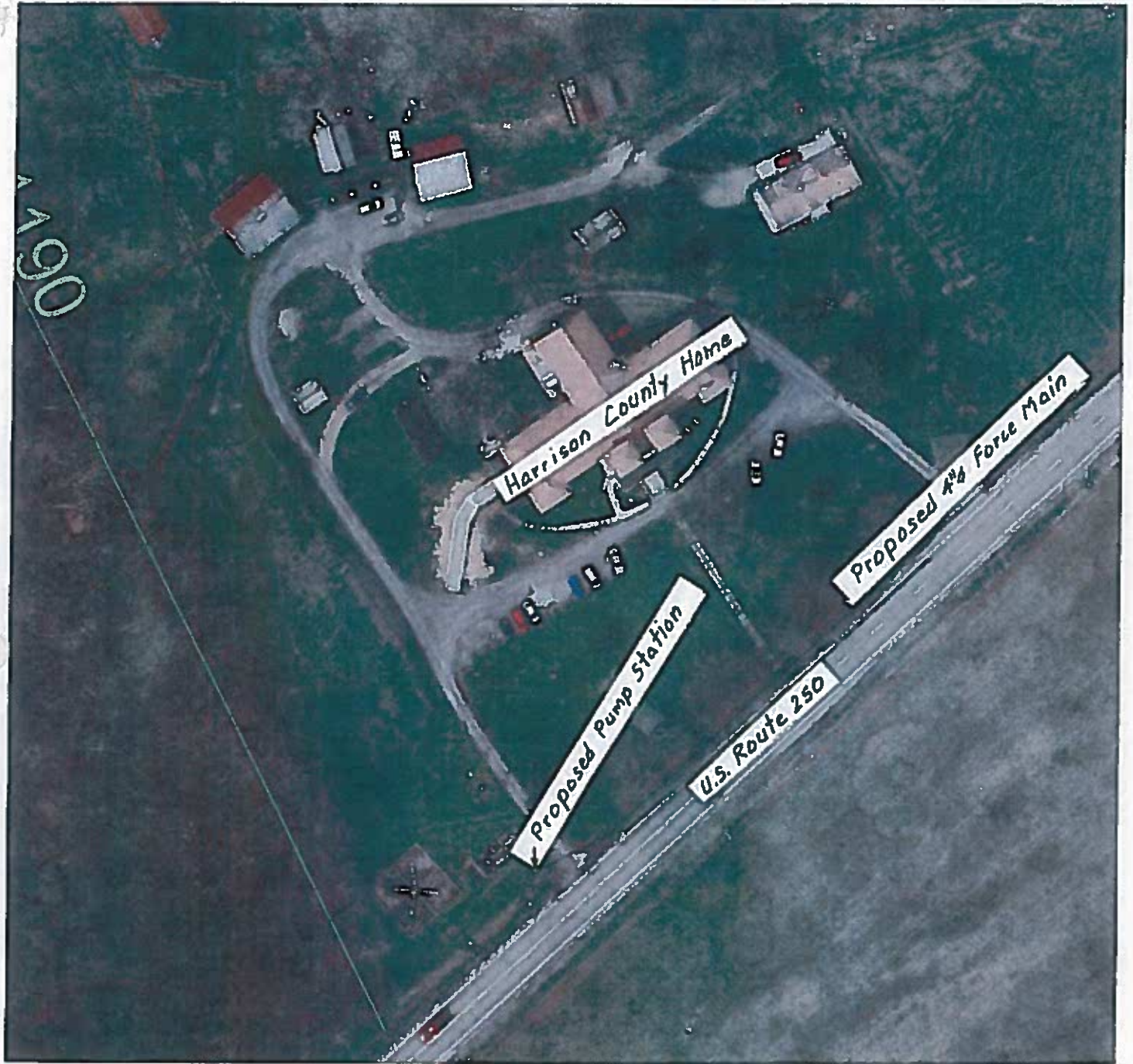
- Location Map

# Harrison County GIS - Public Access System

Parcel Records Printout: Date: June, 2 2016

Data current as of 4/01/14

This information was prepared for Harrison County in accordance with Section 5713.09 of the Ohio Revised Code. Harrison County assumes no legal responsibility for the information contained on this print. Users noting errors or omissions are encouraged to contact the Harrison County Map Department.



Scale: 1" = 100'



## SERVICE AREA MAP

HARRISON COUNTY HOME WASTEWATER DISPOSAL PROJECT

# Harrison County GIS - Public Access System

Parcel Records Printout: Date: June, 2 2016

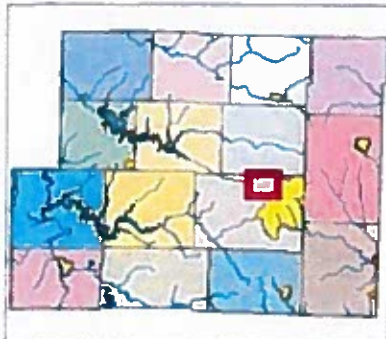
This information was prepared for Harrison County in accordance with Section 5713.09 of the Ohio Revised Code. Harrison County assumes no legal responsibility for the information contained on this print. Users noting errors or omissions are encouraged to contact the Harrison County Map Department.

Data current as of 4/01/14



PROJECT LOCATION MAP

Scale: 1" = 1400' ±



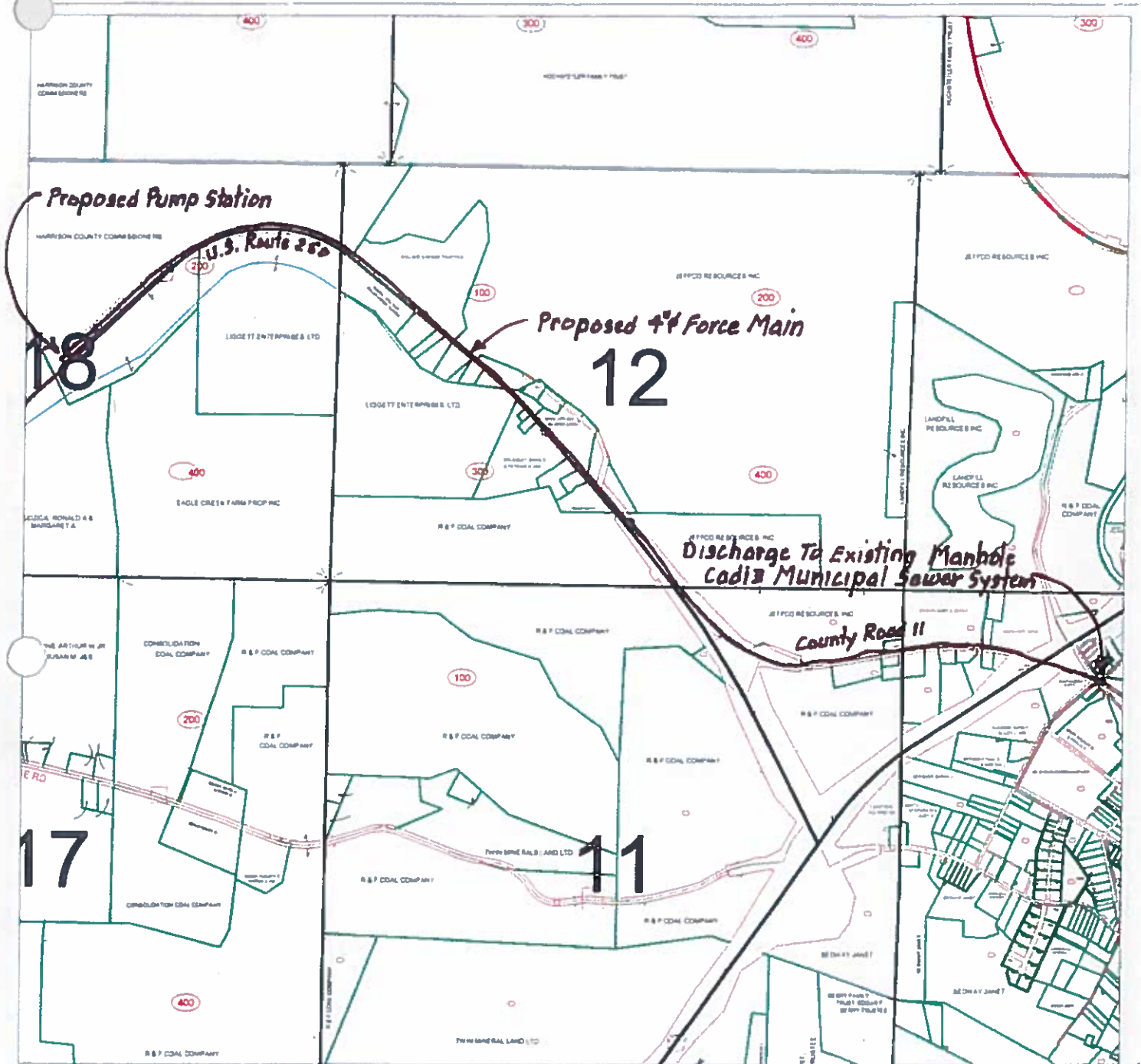
HARRISON COUNTY HOME WASTEWATER DISPOSAL PLAN

# Harrison County GIS - Public Access System

Parcel Records Printout: Date: June, 2 2016

Data current as of 4/01/14

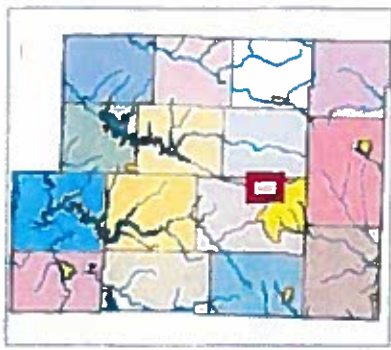
This information was prepared for Harrison County in accordance with Section 5713.09 of the Ohio Revised Code. Harrison County assumes no legal responsibility for the information contained on this print. Users noting errors or omissions are encouraged to contact the Harrison County Map Department.



Scale: 1" = 1400' ±

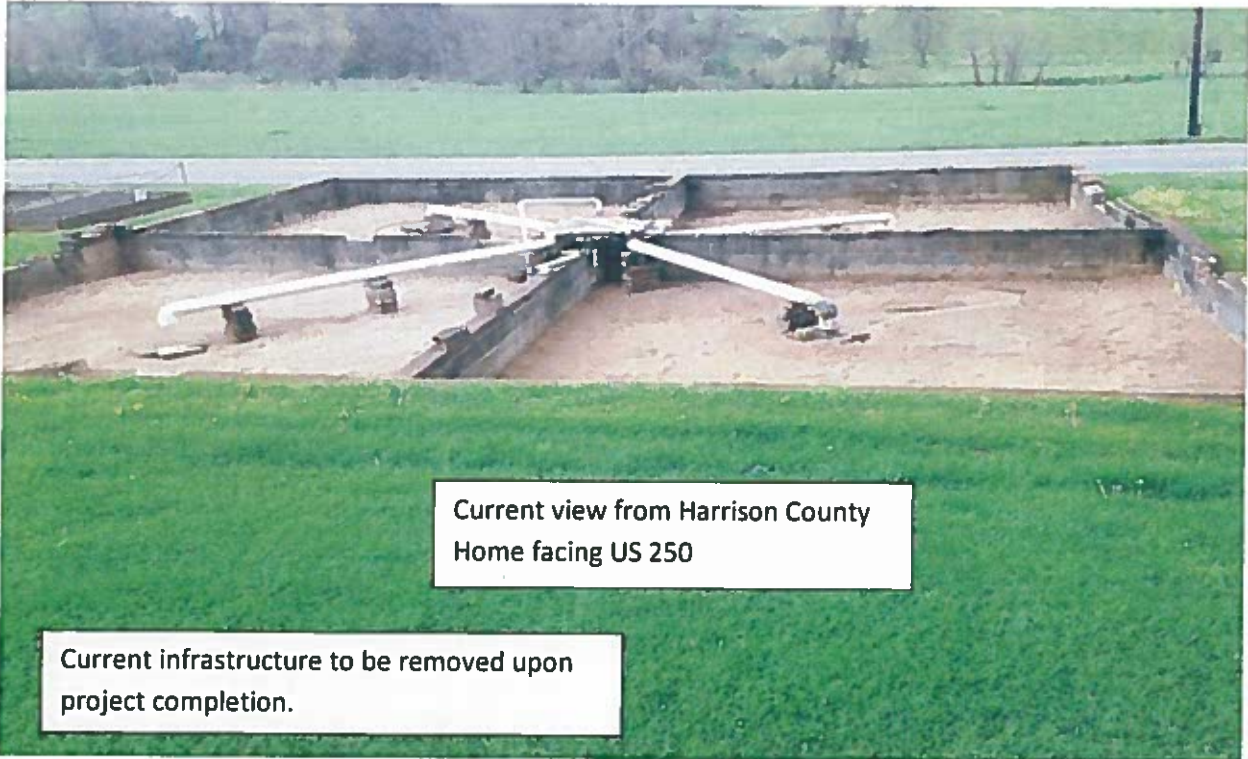
## PROJECT LOCATION MAP

HARRISON COUNTY HOME WASTEWATER DISPOSAL PLAN



## Site Photographs

- This attachment includes:
  - Site Photographs



Current view from Harrison County Home facing US 250

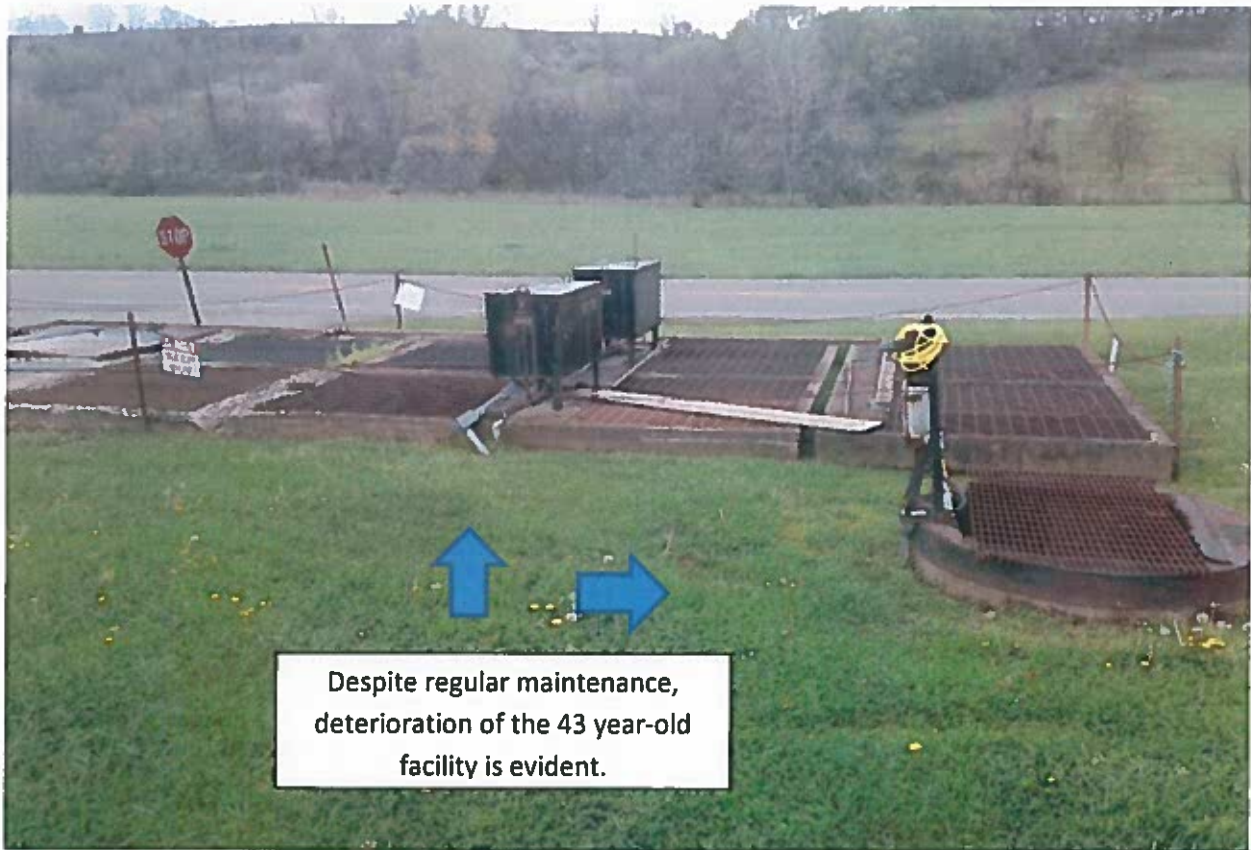
Current infrastructure to be removed upon project completion.



Current infrastructure to be removed upon project completion.



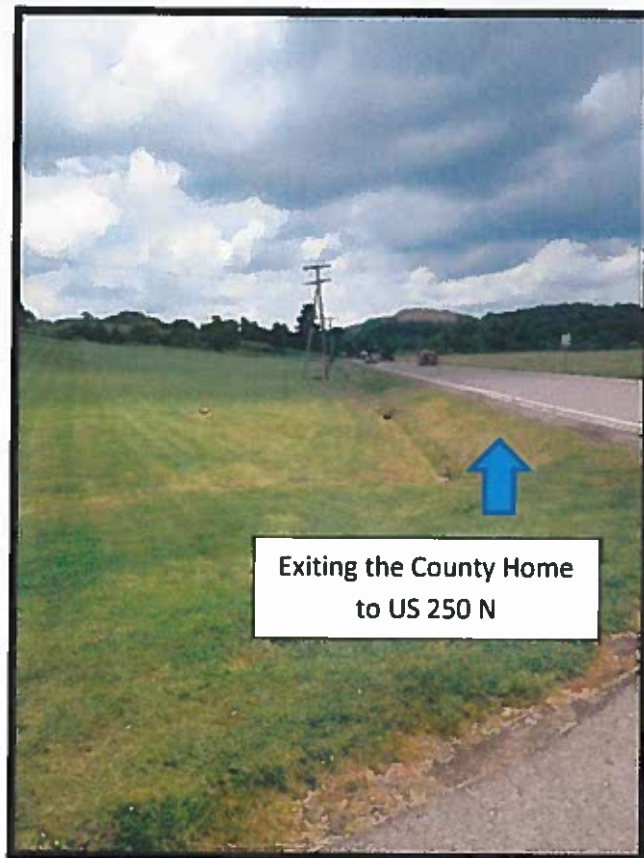
Unstable Concrete Wall  
Broken Block



Despite regular maintenance,  
deterioration of the 43 year-old  
facility is evident.

**Harrison County Home Wastewater Improvement Project**

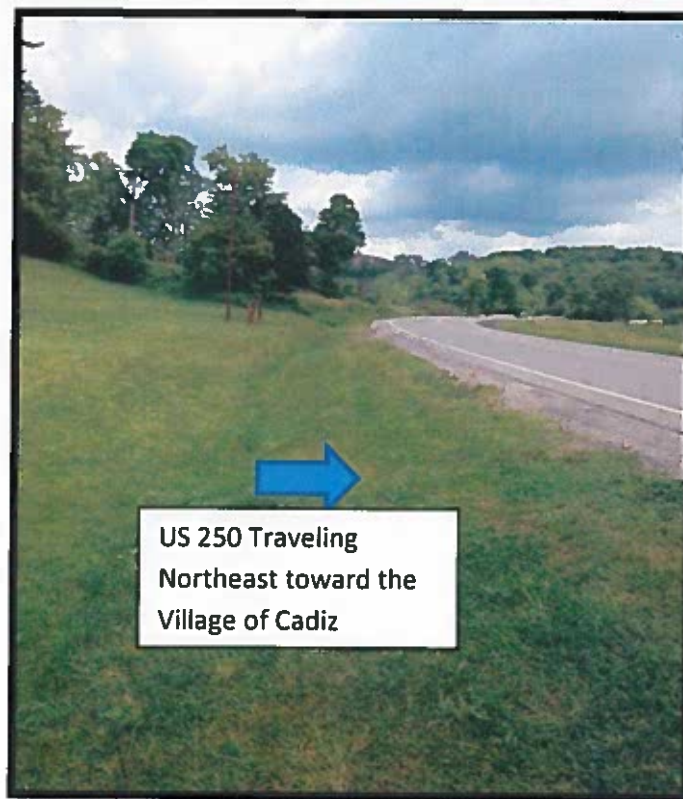
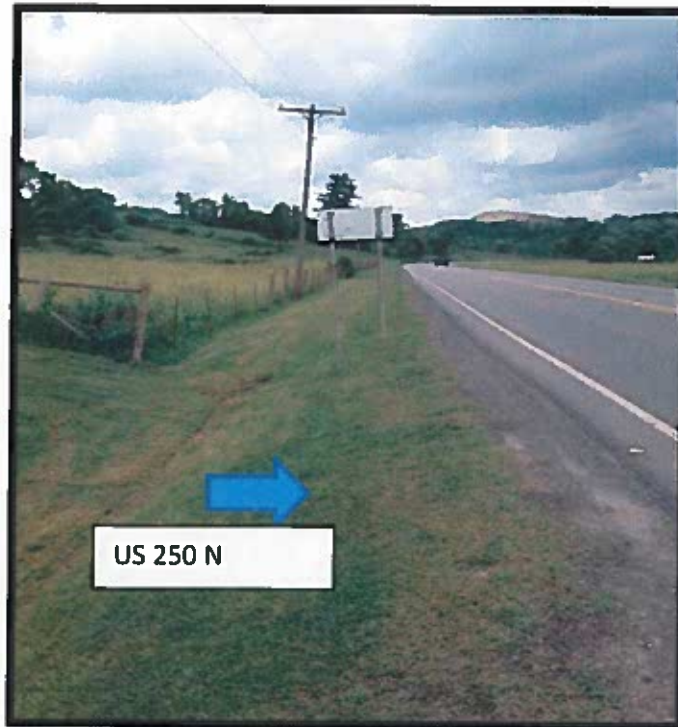
The force main route starts at the County Home and runs NE and then SE along US 250 and CR 11 to the Village of Cadiz.





**Harrison County Home Wastewater Improvement Project**

**The force main route starts at the County Home and runs NE and then SE along US 250 and CR 11 to the Village of Cadiz.**



# Harrison County Home Wastewater Treatment Project

## Photos of Pipeline Route

Pumping station  
installation

Pipeline Route



**Photo #1.)** Driving west on US 250. Harrison County Home is on the right. Pumping station installation site is indicated by an arrow, as is the pipe installation route.

Pipeline Route



**Photo #2.)** County Road 11 driving east toward Cadiz. Pipe will be installed on the north side of the road as indicated. Residences on right side of road are indicative of the style of homes along this route.

# Harrison County Home Wastewater Treatment System

## Pipeline Route



**Photo #3.)** Barn sits on Harrison County Home property as viewed from US 250 looking east from the County Home. Pumping station site and pipeline route is visible from this vantage point.



Pipeline  
Route

**Photo #4.)** View of US 250 east showing raw water line where new pipeline will be installed.

# Harrison County Home

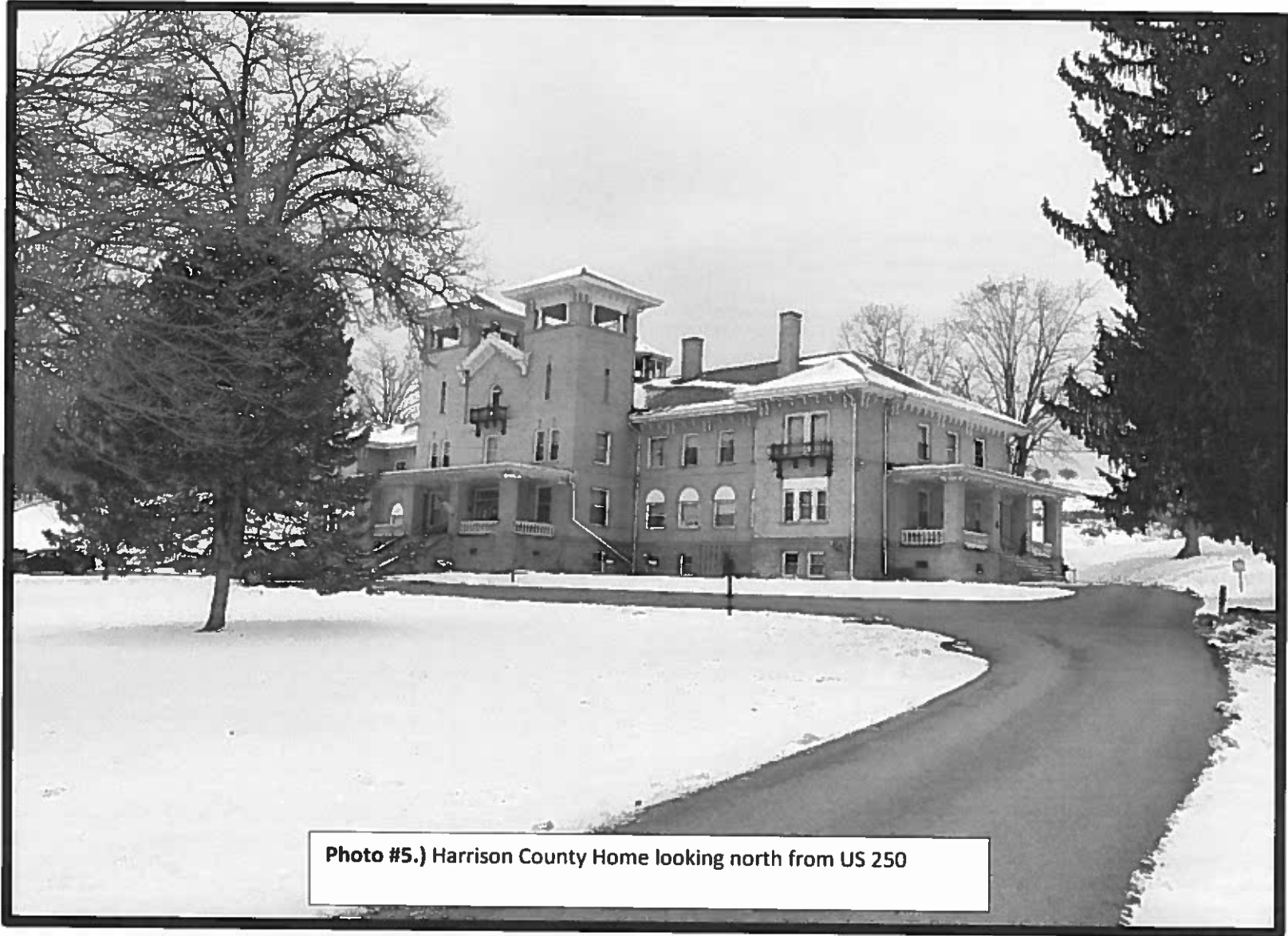


Photo #5.) Harrison County Home looking north from US 250

# Harrison County Wastewater Treatment Plant



Photo #6.) Harrison County Home wastewater treatment plant looking southwest from edge of County Home parking lot.



Photo #7.) Looking southwest from edge of County Home parking lot.

# Harrison County Home



Photo #8.) Harrison County Home looking north from US 250

# Harrison County Home Wastewater Treatment Plant

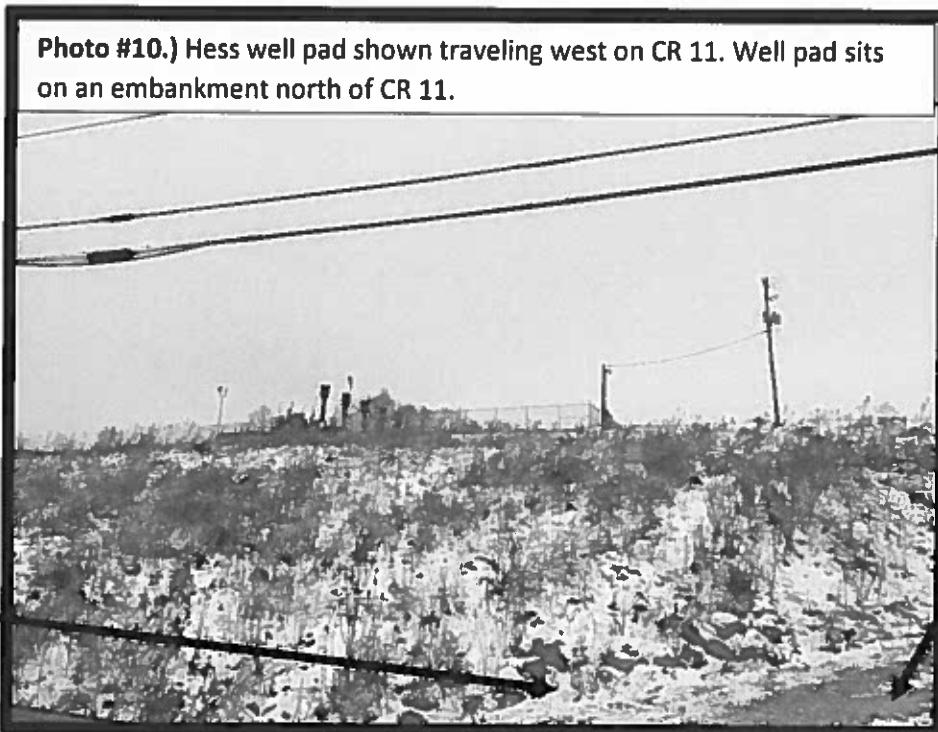
## Pipeline Route along US 250 & CR 11

Pipeline Route



Photo #9) Traveling east along US 250 toward Cadiz.

Photo #10.) Hess well pad shown traveling west on CR 11. Well pad sits on an embankment north of CR 11.



County Road 11

Pipeline Route

Copies of Other Environmental Analysis

N/A



## Other Relevant Correspondence and Notifications

This attachment includes:

- Correspondence: Ohio Historic Preservation Office
- Correspondence: Ohio EPA
- Correspondence: U.S. Army Corps of Engineers
- Correspondence: Ohio Department of Natural Resources
- Correspondence: Natural Resource Conservation Service



In reply refer to:  
2017-HAS-38304

March 24, 2017

Trina Woodland  
Ohio Mid-Eastern Governments Association  
326 Highland Avenue, Suite B  
Cambridge, OH 43725

RE: Section 106 Review, CDBG, Critical Infrastructure Grant, Wastewater Treatment Improvements, Harrison County Home, Village of Cadiz, Harrison County, Ohio

Dear Ms. Woodland:

This letter is in response to your correspondence, received March 13, 2017, regarding the proposed wastewater treatment improvements for the Harrison County Home, Village of Cadiz, Harrison County, Ohio. The comments of the State Historic Preservation Office are made in accordance with the provisions of Section 106 of the National Historic Preservation Act of 1966, as amended, and the associated regulations at 36 CFR Part 800.

This project involves replacement of the existing wastewater treatment plant (WWTP) along U.S. Route 250 just south of the Harrison County Home with a duplex pump station at the location of the existing WWTP. The new pump station will be significantly smaller than the existing WWTP. In addition, about 12,100 linear feet of 4-inch sanitary sewer force main will be installed along the northern sides of U.S. Route 250 and County Road 11 from the pump station to the intersection of Brokaw and Dennison Avenues in Cadiz where the force main will tie into the village's existing wastewater treatment system. An existing water line is currently located along the same route as the proposed sanitary sewer line. The Harrison County Home and associated barn are listed on the Ohio Historic Inventory (OHI Nos. HAS-310-11 and HAS-312-11) and appear eligible for listing on the National Register of Historic Places. Since the work involves installation of subsurface infrastructure or replacement of existing infrastructure in areas that have been previously disturbed by utility and roadway construction, the project is not likely to impact historic properties.

Based on the information provided, it is my opinion that this project will not adversely affect historic properties. No further coordination is required for the project unless the scope of work changes or archaeological remains are discovered during the course of the project. In such a situation, this office should be contacted as per 36 CFR § 800.13. If you have any questions, please contact me at [kkennedy@ohiohistory.org](mailto:kkennedy@ohiohistory.org) or (614) 298-2000. Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read "Kendra Kennedy", is written over a horizontal line.

Kendra Kennedy, Project Reviews Manager  
State Historic Preservation Office

cc: Tim Allen, DSA

Ser. No. 1067915

## Trina Woodland

---

**From:** Jenny Bellville-Marrion  
**Sent:** Monday, February 06, 2017 7:21 AM  
**To:** trinaw@omegadistrict.org  
**Cc:** Diana Welling; Kendra Kennedy  
**Subject:** RE: Question regarding 106 form

Hello Trina,

Generally, we are asking for photos of key points in and around a project area for larger undertakings (beginning point, ending point, water tank locations, etc.). We just need to have an idea of what the current setting looks like. Kendra Kennedy will be the reviewer for this project. During the review process, she may have more specific photo requests.

Please send a hard copy of all your documentation to our office since we do not accept electronic submissions at this time.

Thanks,

Jenny Bellville-Marrion | Project Reviews Coordinator, State Historic Preservation Office  
Ohio History Connection | 800 E. 17<sup>th</sup> Ave. Columbus, Ohio 43211  
p. 614.298.2000 | jbellville-marrion@ohiohistory.org

The Ohio History Connection's mission is to spark discovery of Ohio's stories. Embrace the present, share the past and transform the future.

---

**From:** Trina Woodland [<mailto:trinaw@omegadistrict.org>]  
**Sent:** Friday, February 3, 2017 10:15 AM  
**To:** Section106  
**Subject:** Question regarding 106 form

Good morning,

I am writing to request assistance with some of the requirements for completing the 106 Review Form for a project in one of our communities. The project is being funded through the CDBG Critical Infrastructure Program. It will involve installing a pump station at the Harrison County Home in Harrison County, a force main along the route, and laying pipe for the sewer line along a 2.3 mile stretch of highway along SR 250 and CR 11 into the Village of Cadiz. There are no historic structures in the APE according to the National Historic Registry. However, the instructions for Form 106 state that photos of the entire project area should be submitted. This does not seem feasible for a 2.3 mile area. What photos do you require in this case?

All ground involved in the pipe laying has been previously disturbed by the installation of a raw water line along this same route. I have attached a couple of maps, so that you can see the exact project area. I will appreciate any guidance you can provide.

Thank you,



***Trina Woodland***

Community Development Specialist

OMEGA

326 Highland Avenue, Suite B

Cambridge, OH

(740) 439-4471, Ext. 201

[trinaw@omegadistrict.org](mailto:trinaw@omegadistrict.org)

## Trina Woodland

---

**From:** Trina Woodland  
**Sent:** Friday, February 24, 2017 10:59 AM  
**To:** Jeannette Wierzbiki (jeannettew@omegadistrict.org)  
**Subject:** FW: Requesting wetland evaluation  
**Attachments:** Wetland Consultant List 11 August 2016.docx; Permitting Process.docx; Environmental Consultant Fact Sheet.pdf; 401 Water Quality Certification Fact Sheet.pdf

### **Trina Woodland**

**Community Development Specialist**

**OMEGA**

**326 Highland Avenue, Suite B**

**Cambridge, OH**

**(740) 439-4471, Ext. 201**

**trinaw@omegadistrict.org**

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**From:** maggie.selbe@epa.ohio.gov [mailto:maggie.selbe@epa.ohio.gov]  
**Sent:** Thursday, February 23, 2017 1:39 PM  
**To:** Trina Woodland <trinaw@omegadistrict.org>  
**Cc:** Laurie.Stevenson@epa.ohio.gov; Rachel.Taulbee@epa.ohio.gov  
**Subject:** RE: Requesting wetland evaluation

Hello, Ms. Woodland.

Thank you for reaching out to us early in project planning. The mapping that you have provided is a good starting point, but NWI mapping does not capture all wetlands and streams that may be present within a project area. To determine the amount and quality of streams and wetlands that will be impacted by the project the county will need to have a stream and wetland delineation performed.

While it is not a requirement that the county hire a professional, it is recommended that the person selected to perform the delineation should have knowledge of plants and soils. The Pittsburgh District of the Army Corps of Engineers has a list of consultants that operate in Ohio available on their website. I have attached it to this email, and it can be found at the following webpage: <http://www.lrp.usace.army.mil/Missions/Regulatory.aspx>

Once a delineation is performed it can be submitted to the Army Corps of Engineers so that they can verify the information. At that point it can be determined which water resources will be impacted, if any, and what type of permits are needed. Many water line and sewer line projects are covered through the Corps under Nationwide Permit 12.

I have attached a flow chart of the permitting process as well as a 401 fact sheet and information on choosing a consultant. More information is available on the Section 401 page of our website: <http://epa.ohio.gov/dsw/401/permitting.aspx>

This is a lot of information. If you feel that it would be helpful to have a pre-application meeting with Ohio EPA and/or the Corps please let me know. I am always available for emails or phone calls with any questions you may have.

The following documentation, including correspondence, stream crossing map, photos, and plans resulted from a walk along the force main route conducted between Harrison County and the Huntington District US Army Corps of Engineers on April 27, 2017. It was determined at that time that all affected stream crossings could be mitigated using directional bore.



Ms. Teresa D. Spagna  
Department of the Army  
Huntington District, Corps of Engineers  
502 Eighth Street  
Huntington, West Virginia 25701-2070

Dear Ms. Spagna:

i am writing in regard to a proposed project in Harrison County, Ohio to replace an existing wastewater treatment plant. OMEGA is the Local Development District that serves Harrison County, and as such i am conducting an environmental review for a CDBG Critical Infrastructure project for the Harrison County Board of Commissioners. The proposed project is to decommission the wastewater treatment plant that currently serves the Harrison County Home, (a 33-bed facility serving the elderly) located at 42235 Cadiz-Dennison Road, Cadiz, Ohio, and replace it with a dual pumping station and force main. The pumping station will be installed at the County Home property on the same site as the current treatment plant. In addition, 12,100 linear feet of 4-Inch HDPE force main will be installed on the north side of US 250 and CR 11 (within the existing right-of-way) where it will then tie into the Village of Cadiz's wastewater system at the intersection of Brokaw and Dennison Avenue on the western edge of the Village of Cadiz. There is a raw water line already installed along this route. The County owns the Home and has indicated that the right-of-way is 60' for the involved roadways. The pipeline will be laid in the path of the already existing raw water line.

I am requesting review of the project based on five small stream crossings which will be necessary to install the pipeline and possible wetland impact. There are several small freshwater emergent and forested/shrub wetland areas near the route, but based on the Wetland Map from the U.S. Fish and Wildlife mapping service, none of the wetlands appear to be directly involved in the project area.

i am enclosing two maps to assist you in your review. The first is the original wetland map from the U.S. Fish and Wildlife mapping site, and the second is a copy of the same map, which i have marked to clarify stream crossings and project area.

Please advise as to how we should proceed with this project regarding stream crossings and wetland areas.

Thank you,

Trina Woodland, Community Development Specialist

326 Highland Avenue, Suite B, Cambridge, OH 43725  
740-439-4471 1-800-726-6342 FAX: 740-439-7783  
HOMEPAGE: [www.omegadistrict.org](http://www.omegadistrict.org)

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## Trina Woodland

---

**From:** Jeannette Wierzbicki <jeannettew@omegadistrict.org>  
**Sent:** Tuesday, May 02, 2017 3:55 PM  
**To:** Marisavljevic, Nicole L CIV (US)  
**Cc:** Trina Woodland  
**Subject:** RE: 2017-173; Harrison County Home Sanitary Sewer Line Extension

Thanks Nicole! I will discuss with the County to see if they would want to notify the Corps prior to construction in order to obtain a letter stating that the notification is not required.

Jeannette

-----Original Message-----

**From:** Marisavljevic, Nicole L CIV (US)  
[mailto:Nicole.Marisavljevic@usace.army.mil]  
**Sent:** Tuesday, May 02, 2017 3:28 PM  
**To:** jeannettew@omegadistrict.org  
**Subject:** 2017-173; Harrison County Home Sanitary Sewer Line Extension

Hi Jeanette,

To follow up on our earlier conversation, it is not necessary to notify our office for the install of the sanitary sewer line extending from the Harrison County Home as it is already covered under NWP 12. As described, the proposed project does not meet any of the notification requirements.

Therefore, if you follow all of the terms and conditions of Nationwide Permit 12, it has already been verified for your use. If you do choose to notify us prior to construction, please use the pre-construction notification information that was provided to you as part of the 3/27/2017 letter and use the file number 2017-173.

If you have any further questions, please don't hesitate to contact me.

Thanks,

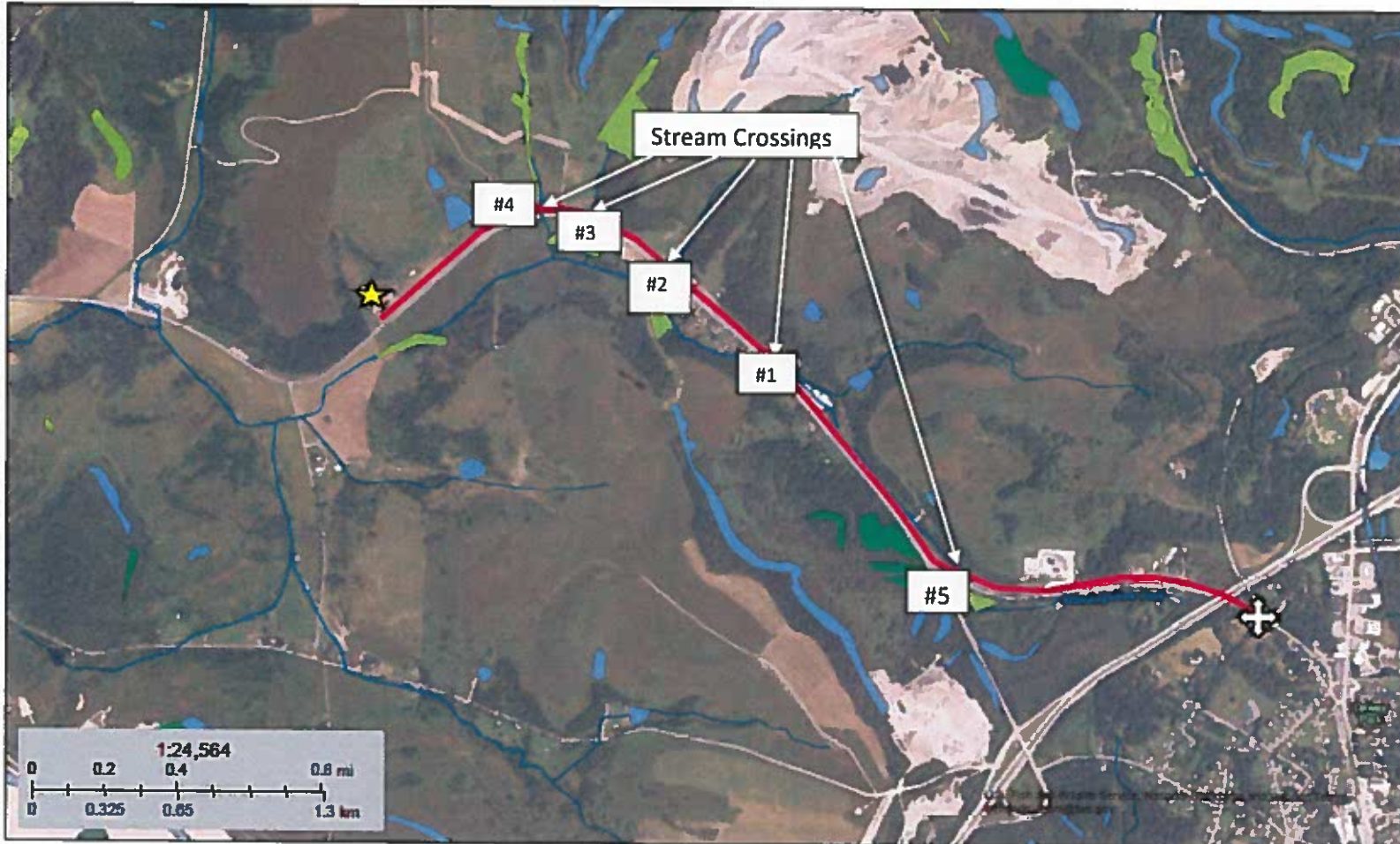
Nicole Marisavljevic  
(330) 365-4273  
Dover Field Office  
5336 State Route 800 NE  
Dover, Ohio 44622  
Regulatory Division, Huntington District US Army Corps of Engineers



# Harrison County Home – Stream Crossings for WWTP Pipeline



## Harrison County Home - Wetland Map



#4 – Directional bore – Photos #8 & #9

#3 – Directional bore - Inside guardrail – Photos - #5 & #6

#2 – Directional bore - Standing Stone Fork of Little Stillwater - Photo #4

#1 – Directional bore – Photos #1 & #2

#5 – Small stream with a deep culvert (>10'). Four-inch line will be installed well above. (No photos)

February 14, 2017

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

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.

- |                        |  |
|------------------------|--|
| Harrison County Home = |  |
| Project Route =        |  |
| Tie-in Site =          |  |

Stream Crossing Photos  
Harrison County Home WWTP



Photo #1



Photo #2

Stream Crossing Photos  
Harrison County Home WWTP



Photo #4 – Box  
Culvert,  
Wingwall, &  
Stream

Stream Crossing Photos  
Harrison County Home WWTP



Photo #5 –  
Inside Guardrail

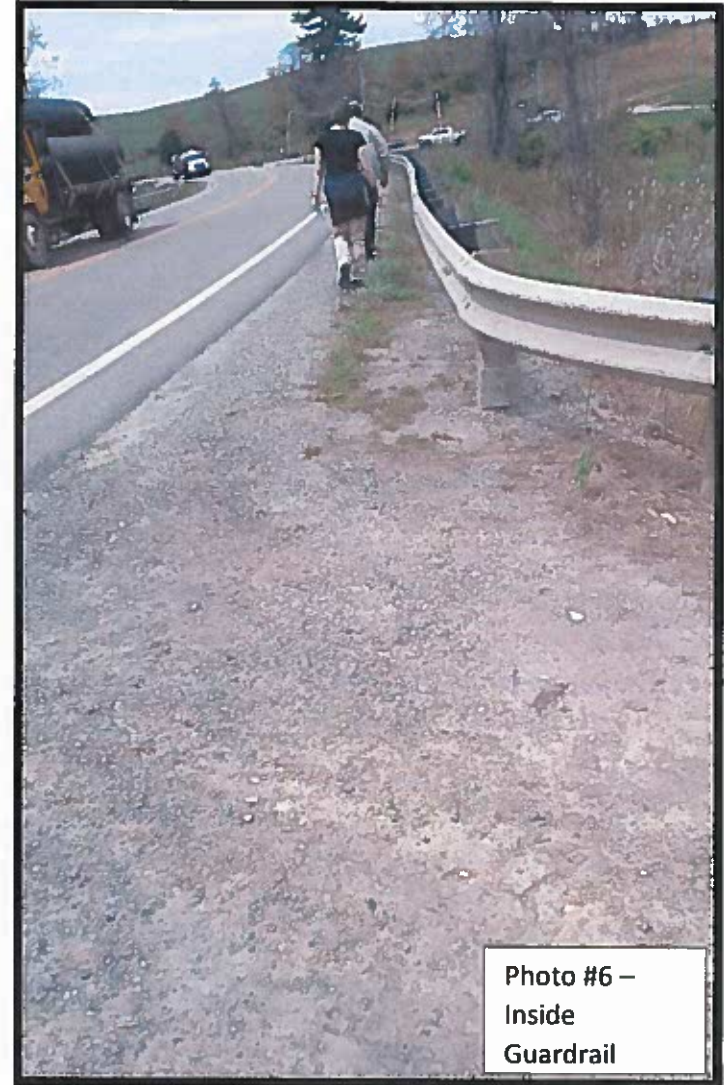


Photo #6 –  
Inside  
Guardrail

Stream Crossing Photos  
Harrison County Home WWTP

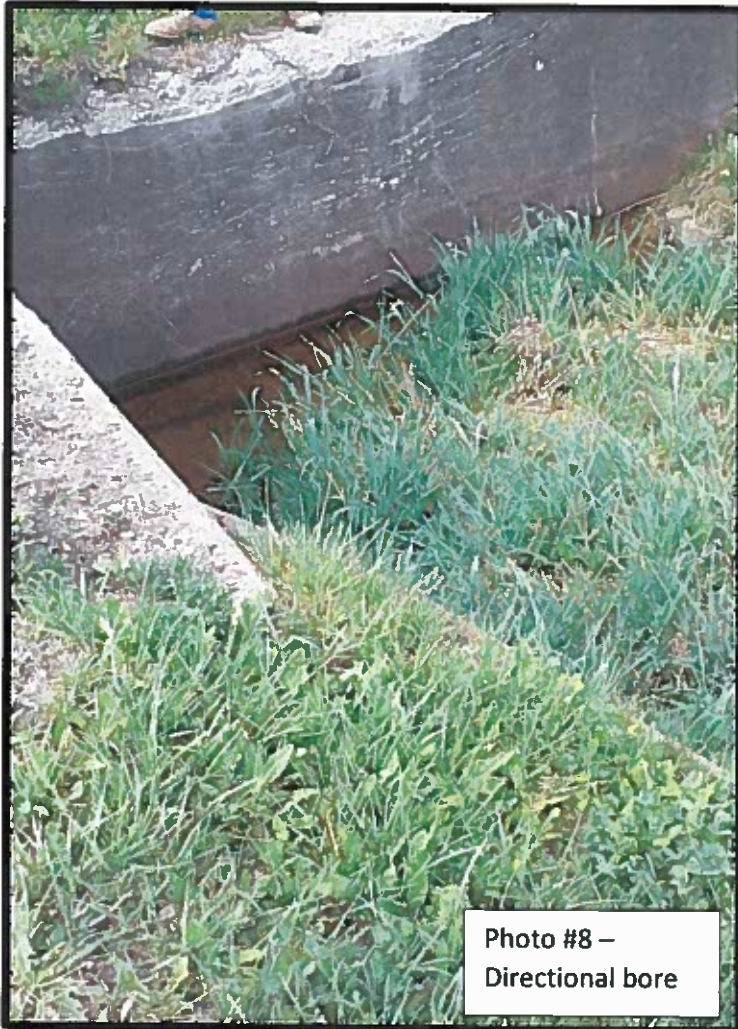
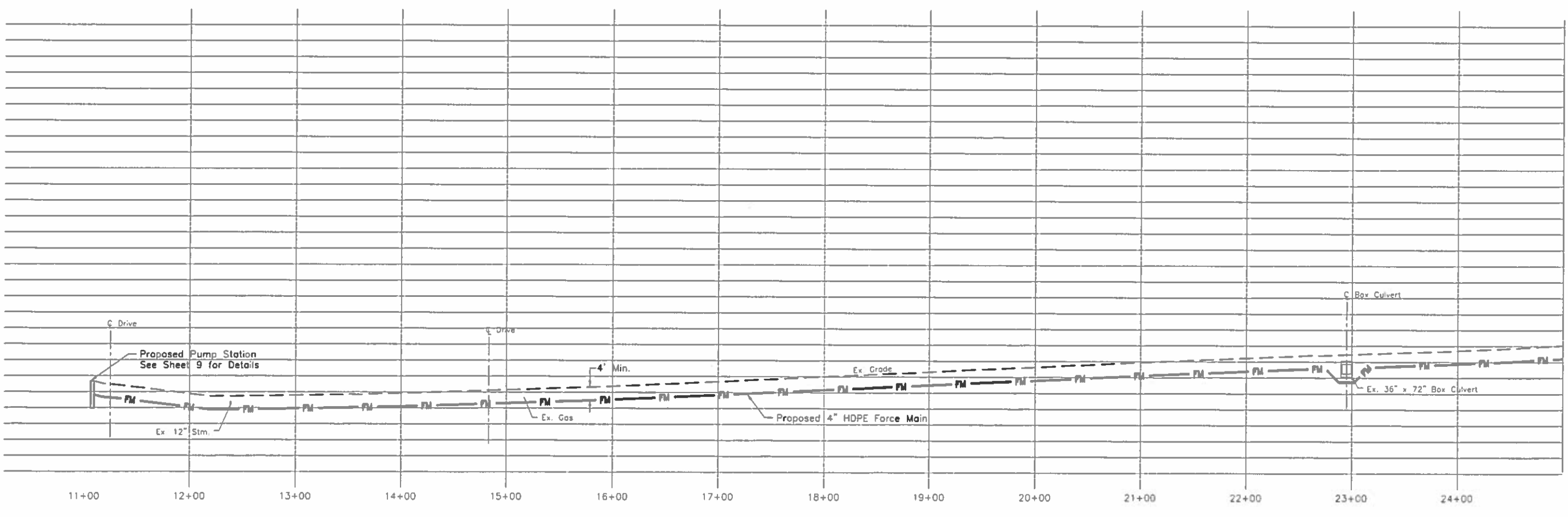
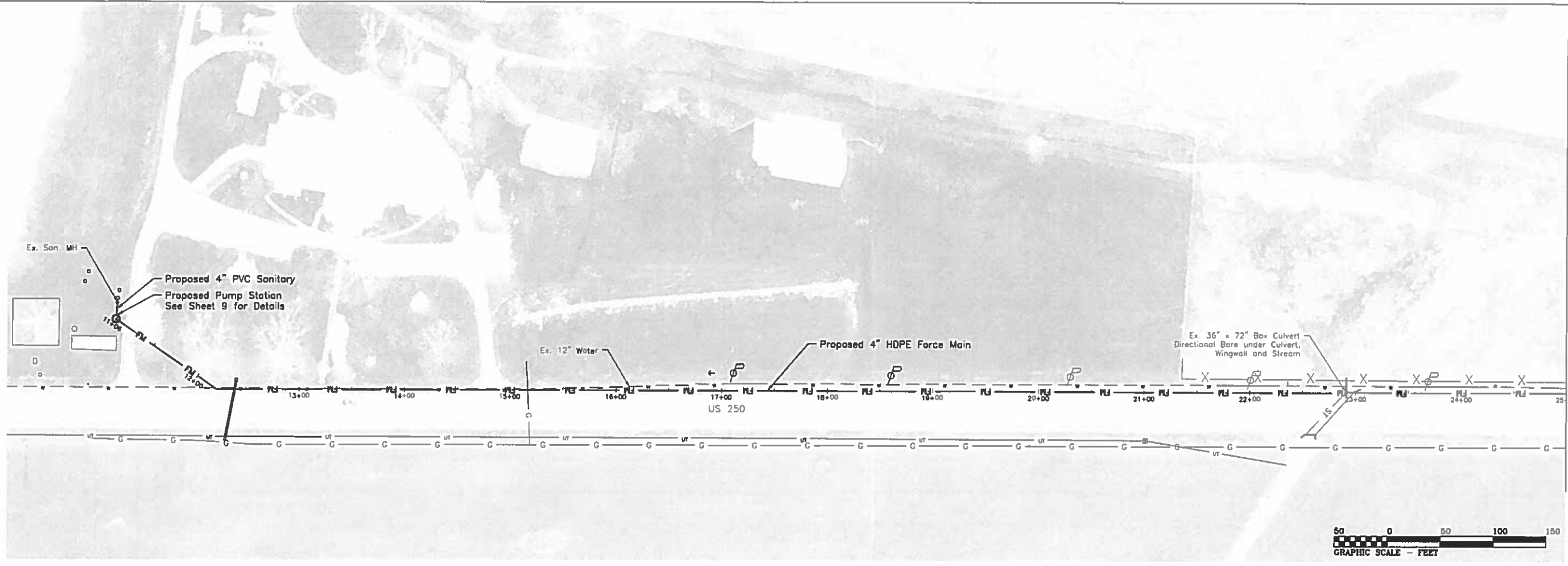


Photo #8 –  
Directional bore



Photo #9 –  
Directional bore

C:\Users\ISC-mer\Documents\Projects\Cadiz\S18110R05CountyHome\S18110R05CountyHomeSanitic...g



MATCH LINE Sheet 2 - Sta. 25+00

MATCH LINE Sheet 2 - Sta. 25+00

REVISIONS

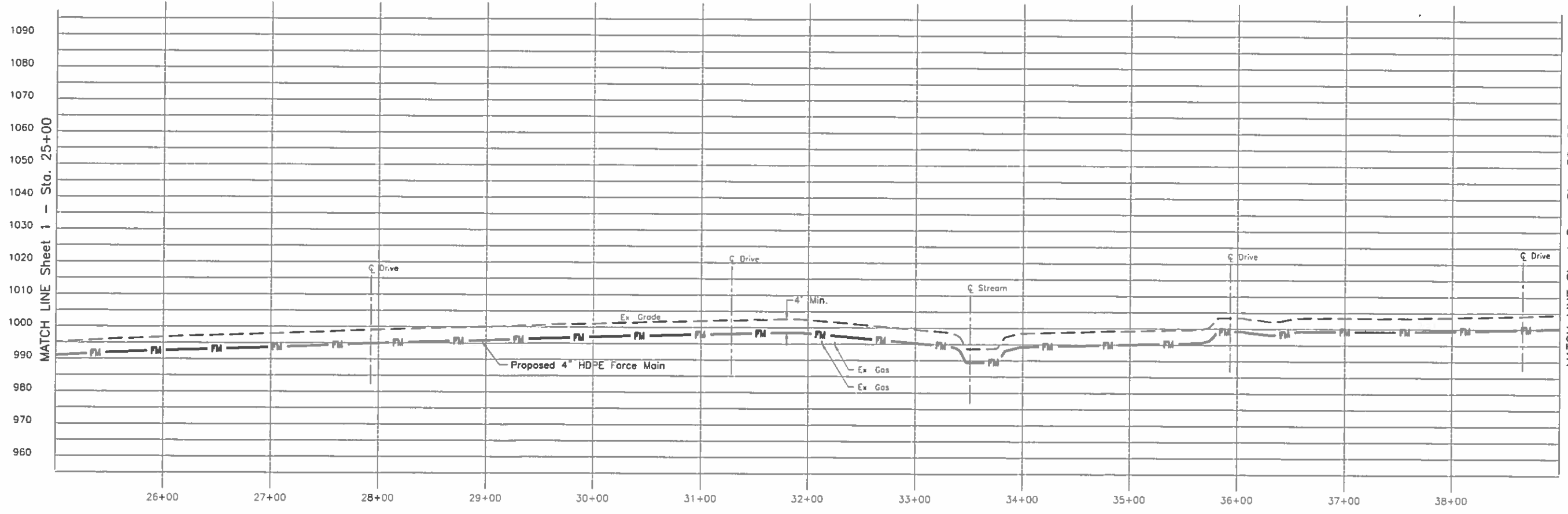
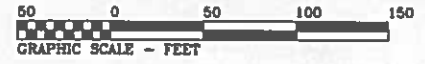
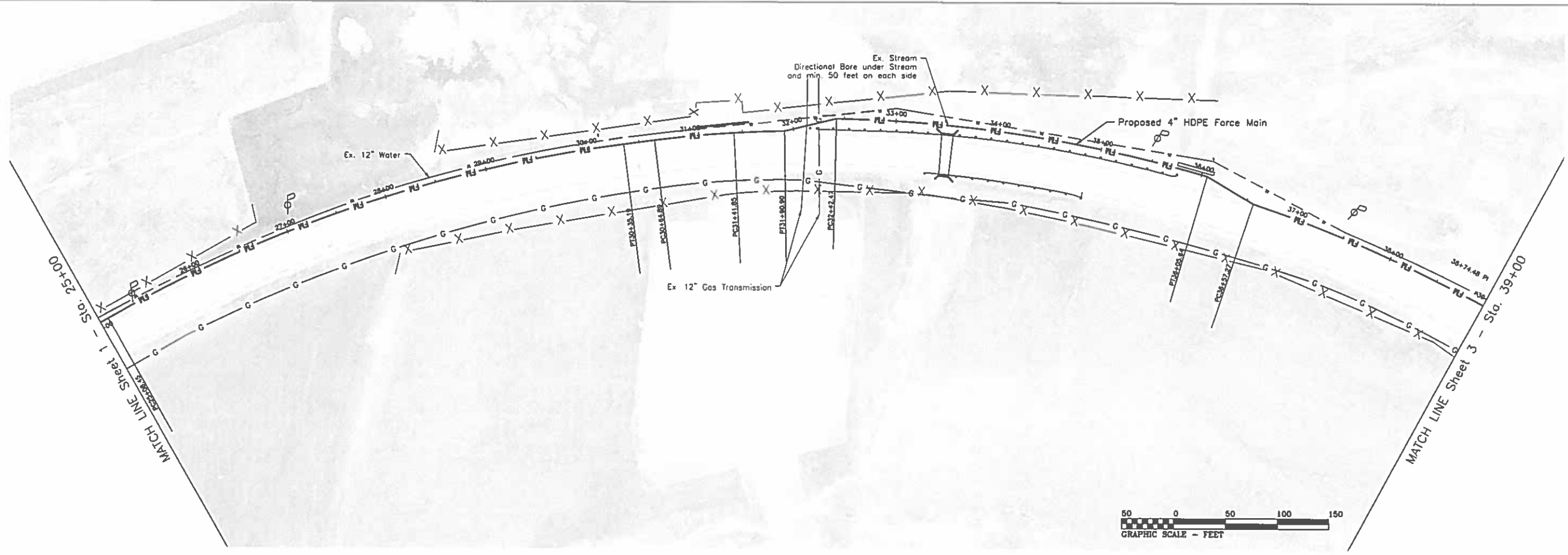
Description	Date	By	Chkd

Drawn By: DNB  
 Checked By:   
 Date: June 9, 2017  
 Sheet:

Harrison County Home Force Main  
 Located in Cadiz Township,  
 Harrison County, Ohio

Harrison County Engineer  
 Robert K. Sterling, P.E., P.S.  
 100 West Market Street  
 Cadiz, Ohio 43907

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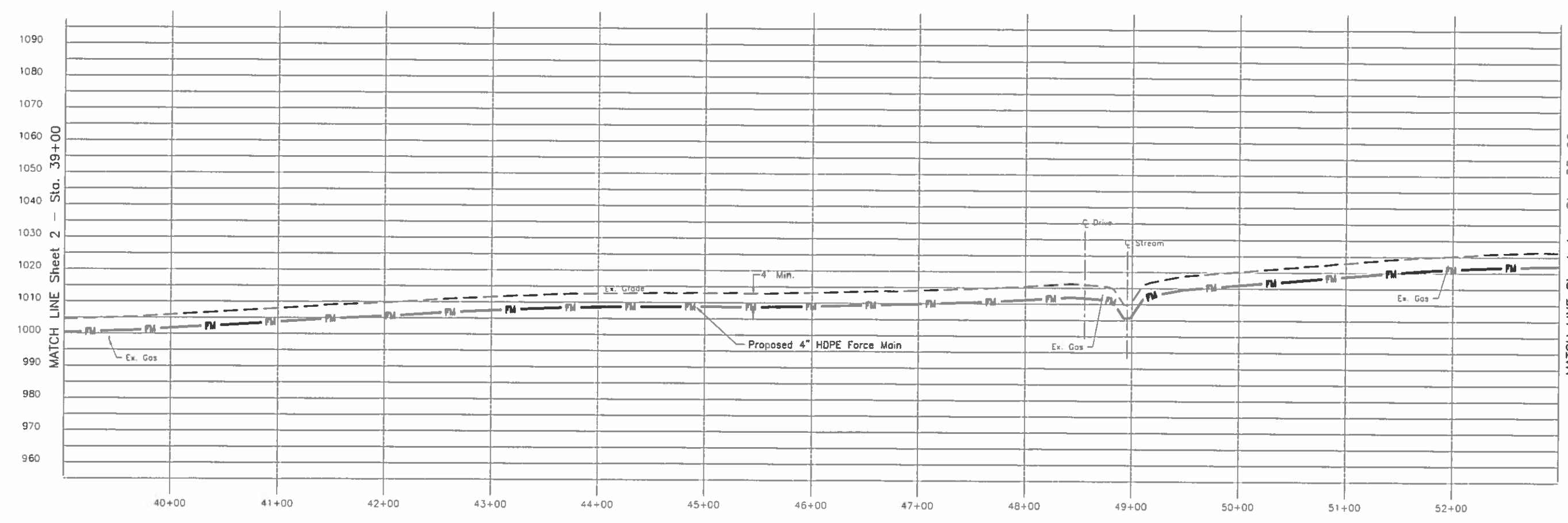
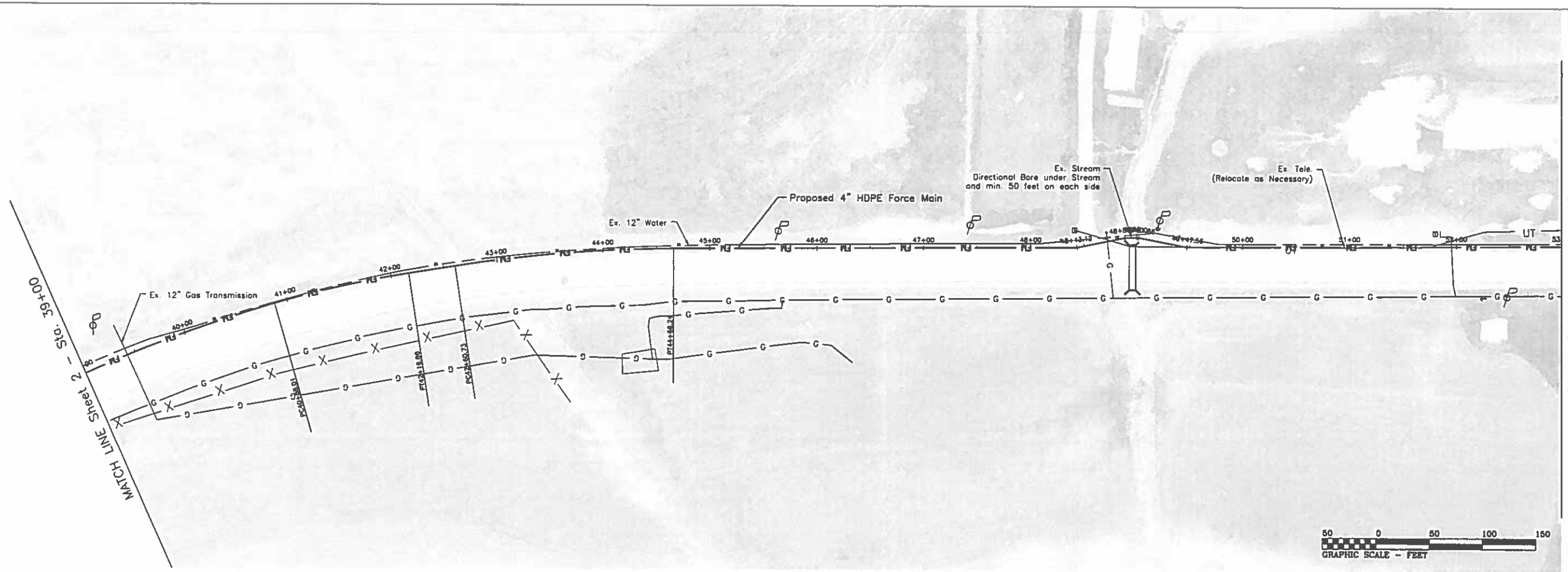
Harrison County Engineer  
 Robert K. Sterling, P.E., P.S.  
 100 West Market Street  
 Cadiz, Ohio 43907

Harrison County Home Force Main  
 Located in Cadiz Township,  
 Harrison County, Ohio

REVISIONS			
Description	Date	By	Chkd

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 Checked By: \_\_\_\_\_  
 Date: June 9, 2017  
 Sheet:

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Harrison County Engineer  
Robert K. Sterling, P.E., P.S.  
100 West Market Street  
Cadiz, Ohio 43907

Harrison County Home Force Main  
Located in Cadiz Township,  
Harrison County, Ohio

REVISIONS	
Description	By / Chkd

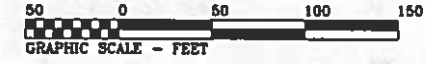
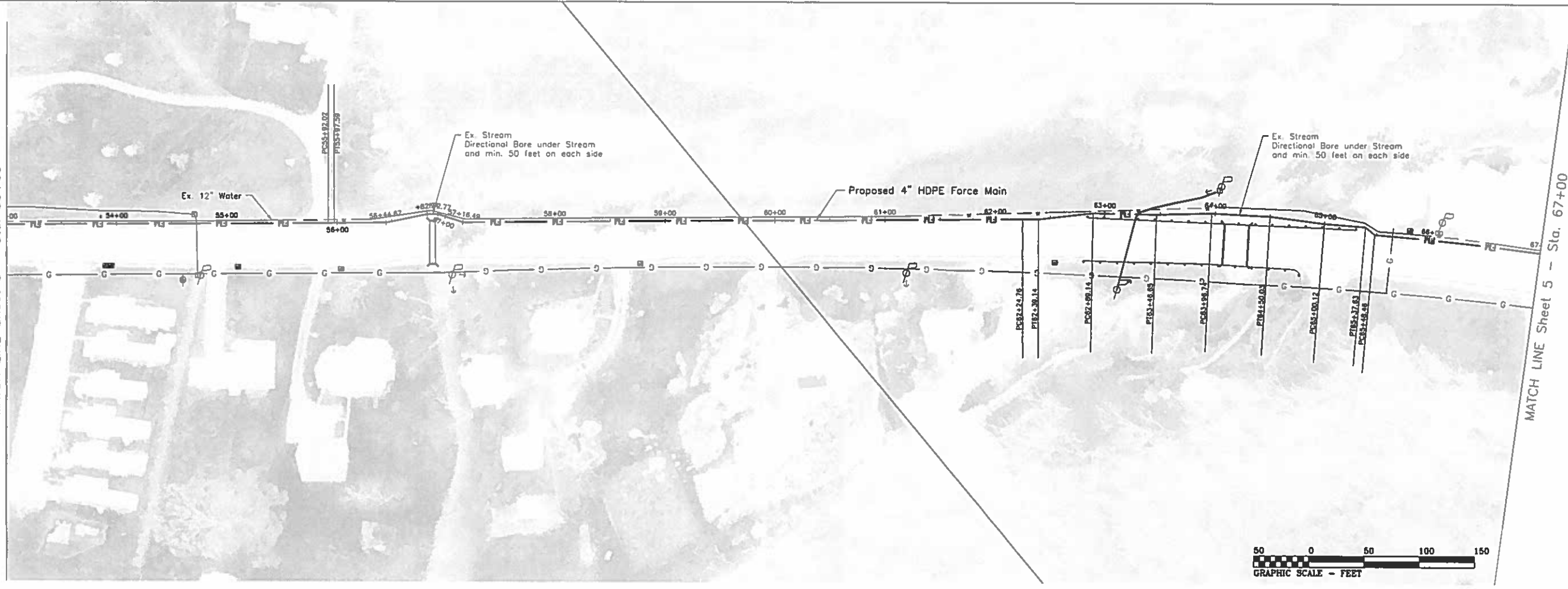
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Date: June 9, 2017

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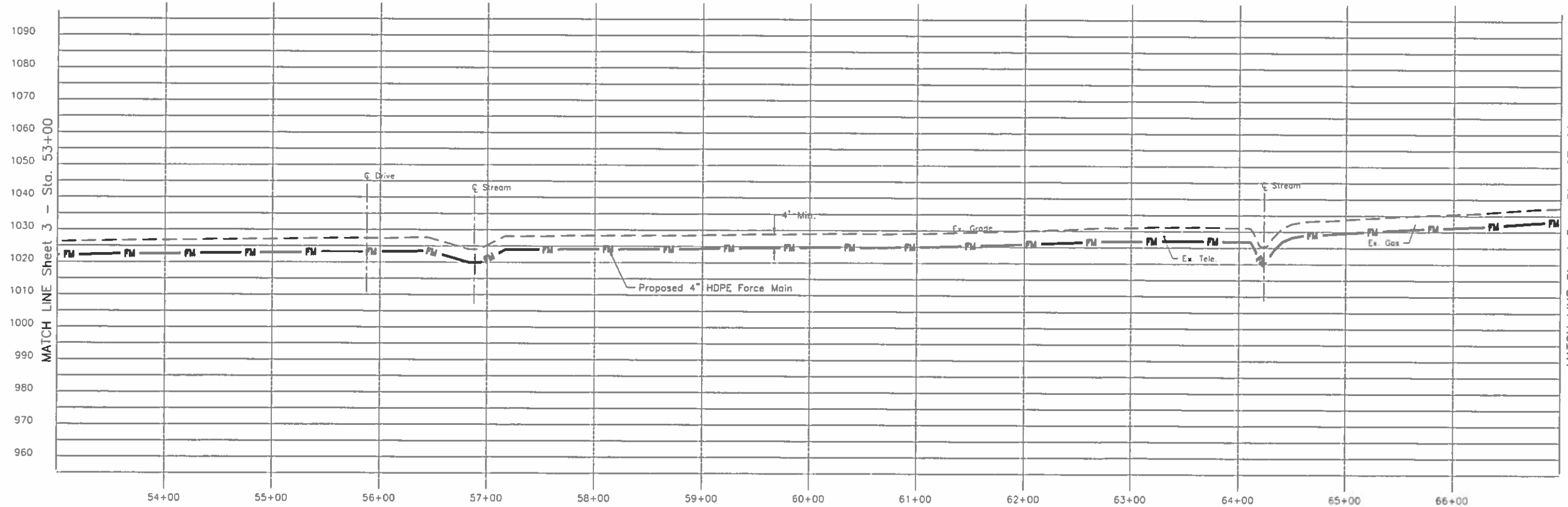


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MATCH LINE Sheet 3 - Sta. 53+00



MATCH LINE Sheet 5 - Sta. 67+00



REVISIONS

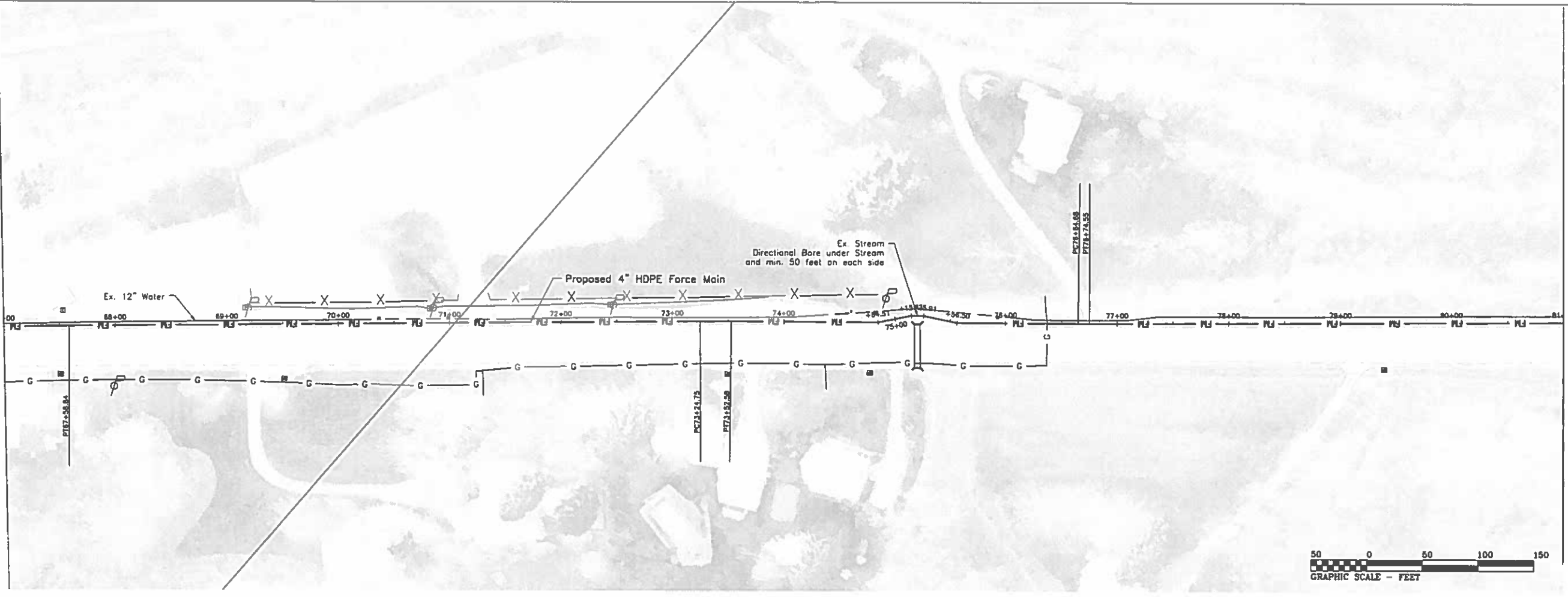
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 Date: June 9, 2017  
 Sheet:

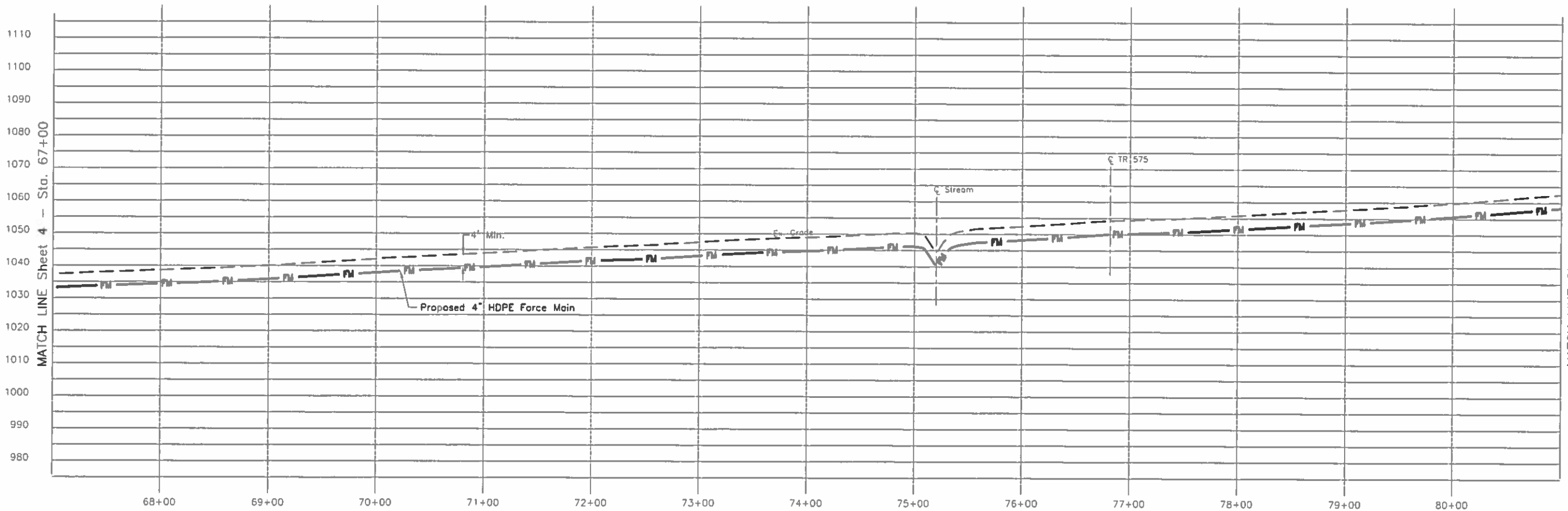
Harrison County Home Force Main  
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Harrison County Engineer  
 Robert K. Sterling, P.E., P.S.  
 100 West Market Street  
 Cadiz, Ohio 43907

MATCH LINE Sheet 4 - Sta. 67+00



MATCH LINE Sheet 6 - Sta. 81+00



MATCH LINE Sheet 6 - Sta. 81+00

Description	REVISIONS		
	Date	By	Chkd

Drawn By: DNB  
 Checked By:   
 Date: June 9, 2017

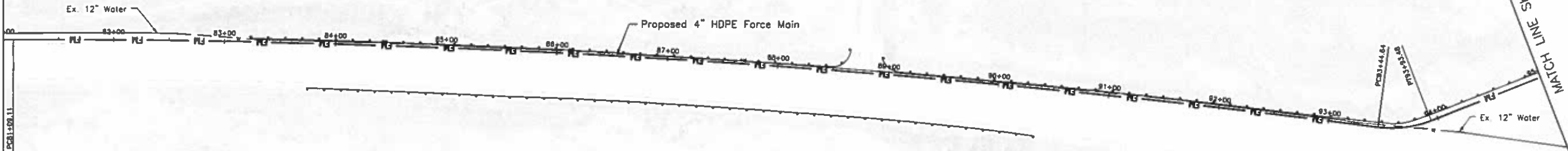
Sheet: **5**

Harrison County Engineer  
 Robert K. Sterling, P.E., P.S.  
 100 West Market Street  
 Cadiz, Ohio 43907

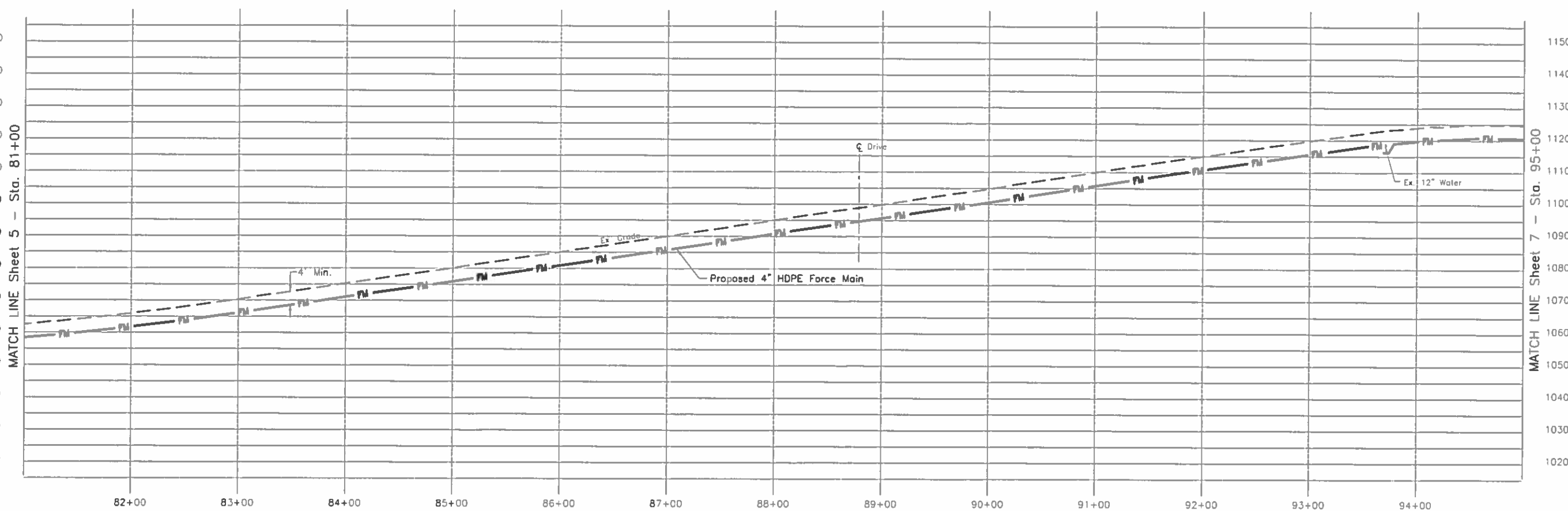
Harrison County Home Force Main  
 Located in Cadiz Township,  
 Harrison County, Ohio

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MATCH LINE Sheet 5 - Sta. 81+00



MATCH LINE Sheet 7 - Sta. 95+00



Harrison County Engineer  
Robert K. Sterling, P.E., P.S.  
100 West Market Street  
Cadiz, Ohio 43907

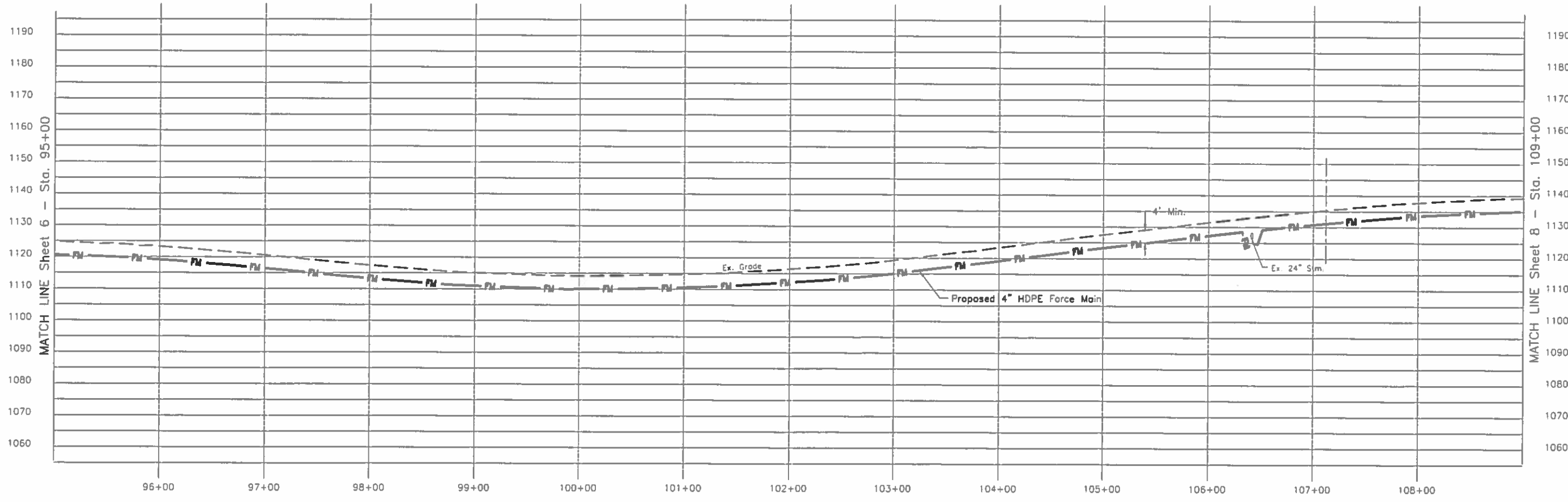
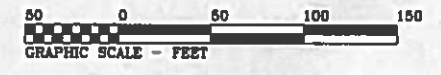
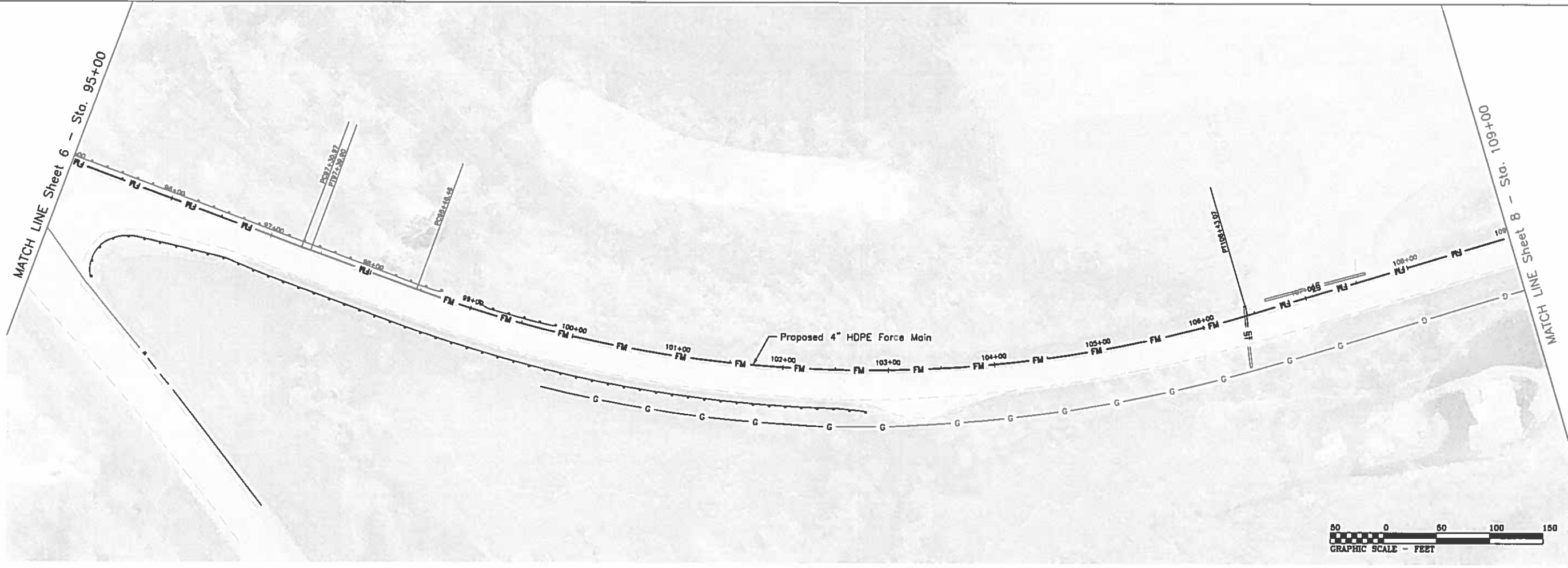
Harrison County Home Force Main  
Located in Cadiz Township,  
Harrison County, Ohio

REVISIONS	Description	Date	By	Chkd

Drawn By: DNB  
Checked By: \_\_\_\_\_  
Date: June 9, 2017  
Sheet:

6

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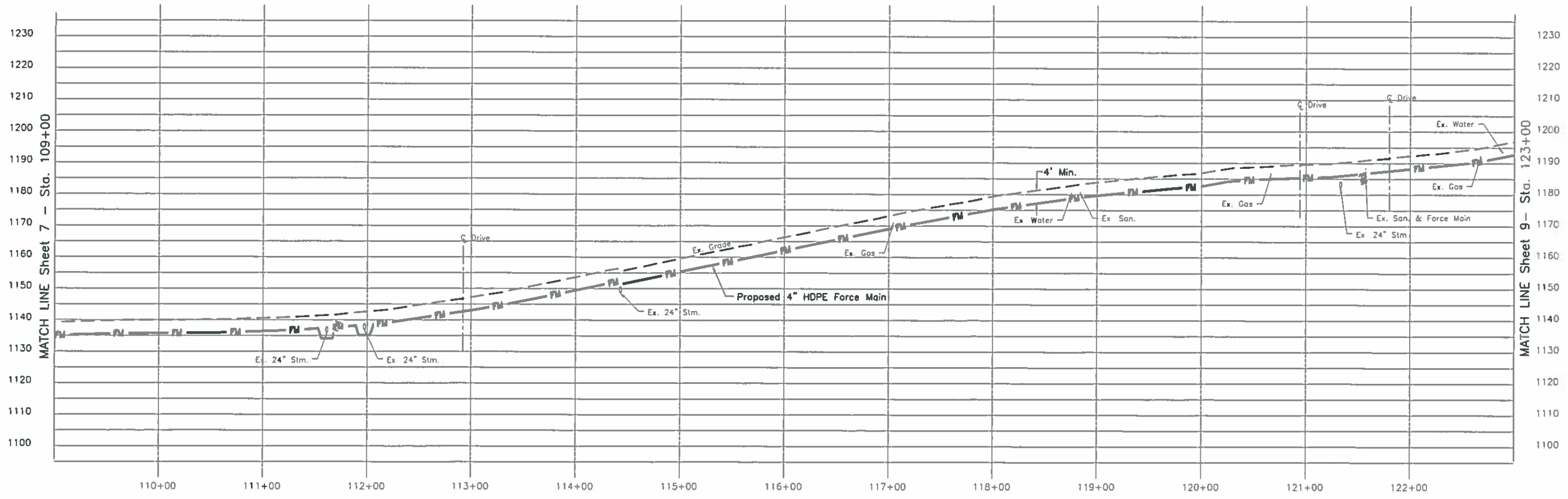


Harrison County Engineer  
 Robert K. Sterling, P.E., P.S.  
 100 West Market Street  
 Cadiz, Ohio 43907

Harrison County Home Force Main  
 Located in Cadiz Township,  
 Harrison County, Ohio

REVISIONS	Description	Date	By	Chkd

Drawn By:  
 DNB  
 Checked By:  
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 Date:  
 June 9, 2017  
 Sheet:



REVISIONS

Description	Date	By	Chkd

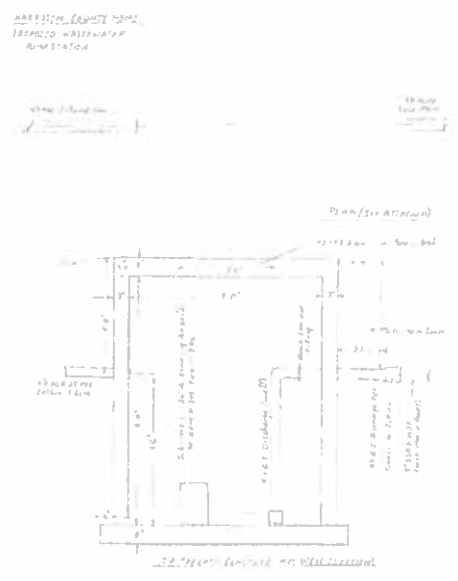
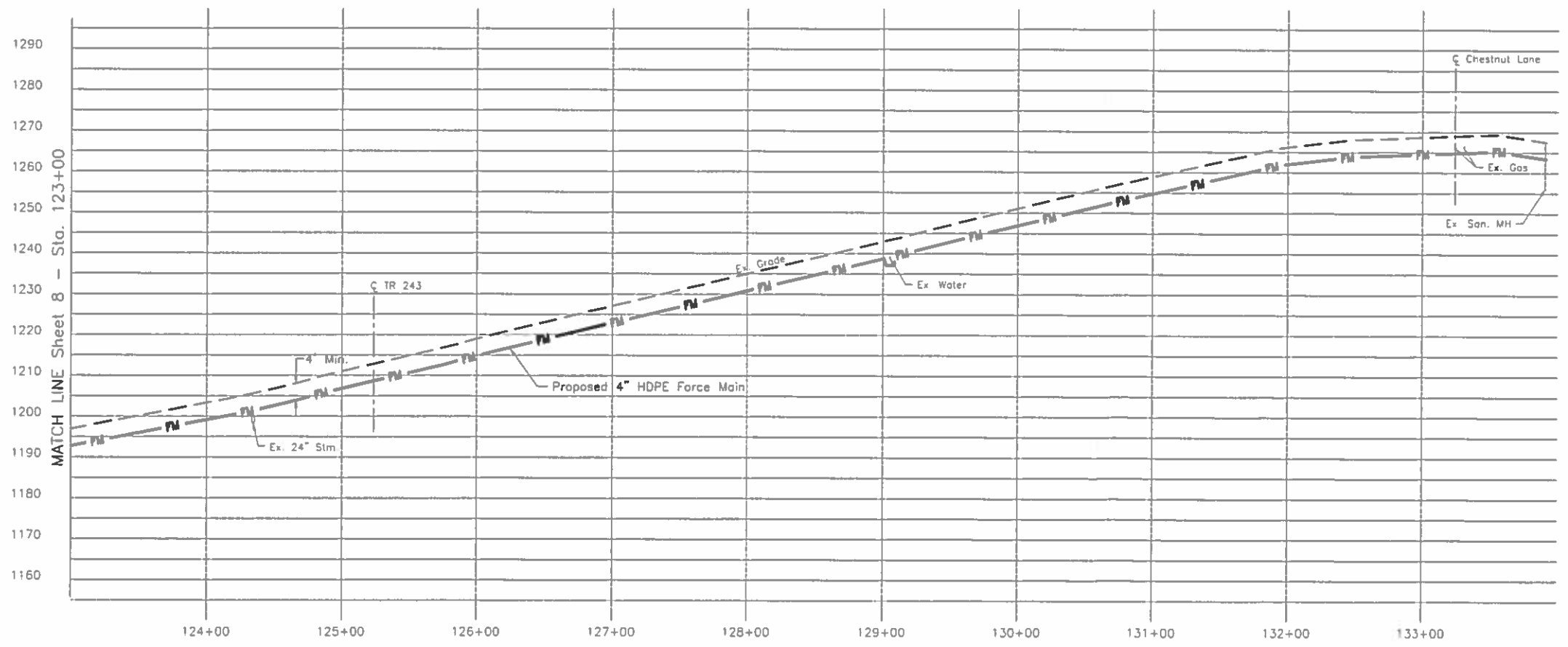
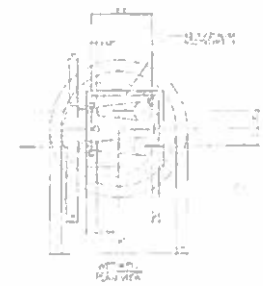
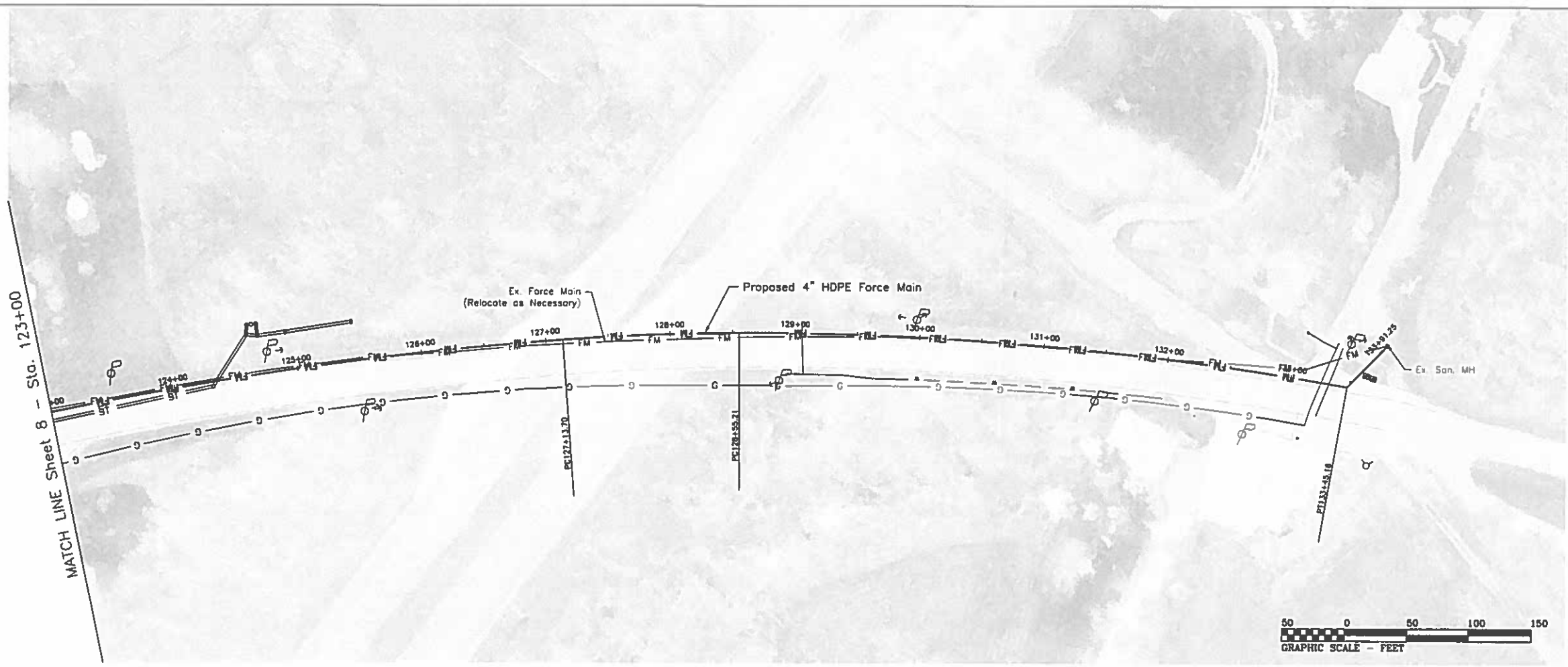
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DNB  
Checked By:  
Date:  
June 9, 2017

Sheet:  
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Harrison County Home Force Main  
Located in Cadiz Township,  
Harrison County, Ohio

Harrison County Engineer  
Robert K. Sterling, P.E., P.S.  
100 West Market Street  
Cadiz, Ohio 43907

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Description	REVISIONS	
	Date	By

Drawn By: DNB  
 Checked By: \_\_\_\_\_  
 Date: June 9, 2017

Sheet: 9

**Harrison County Home Force Main**  
 Located in Cadiz Township,  
 Harrison County, Ohio

Harrison County Engineer  
 Robert K. Sterling, P.E., P.S.  
 100 West Market Street  
 Cadiz, Ohio 43907



# Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

Ohio Division of Wildlife  
Raymond W. Petering, Chief  
2045 Morse Rd., Bldg. G  
Columbus, OH 43229-6693  
Phone: (614) 265-6300

23 February 2017

Trina Woodland  
Ohio Mid-Eastern Governments Assoc.  
326 Highland Ave.  
Cambridge, OH 43725

Dear Ms. Woodland,

After reviewing the Natural Heritage Database, I find the Division of Wildlife has no records of rare or endangered species in the Home Waste Water Treatment Plant project area, including a one-mile radius, in Cadiz Township, Harrison County, Ohio. We are unaware of any unique ecological sites, geologic features, animal assemblages, scenic rivers, state wildlife areas, nature preserves, parks or forests, national wildlife refuges, parks or forests or other protected natural areas within a one-mile radius of the project area.

Our inventory program has not completely surveyed Ohio and relies on information supplied by many individuals and organizations. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area. This letter only represents a review of rare species and natural features data within the Ohio Natural Heritage Database. It does not fulfill coordination under the National Environmental Policy Act (NEPA) or the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S. C. 661 et seq.) and does not supersede or replace the regulatory authority of any local, state or federal agency nor relieve the applicant of the obligation to comply with any local, state or federal laws or regulations.

Please contact me at 614-265-6818 if I can be of further assistance.

Sincerely,

A handwritten signature in blue ink that reads "Debbie Woischke".

Debbie Woischke  
Ohio Natural Heritage Database Program

## Trina Woodland

---

**From:** Baker, Steven - NRCS, Columbus, OH  
**Sent:** Thursday, February 16, 2017 11:19 AM  
**To:** Trina Woodland  
**Subject:** RE: Request for assistance with environmental review re: hydric soils  
**Attachments:** CadizSewerAD1006.pdf

Hi Trina,

Attached is the Prime Farmland review. You just need to fill out Part I for your project info then keep this with your files as proof you did your prime farmland check with us.

Thanks,

Steve

---

**From:** Trina Woodland [mailto:trinaw@omegadistrict.org]  
**Sent:** Wednesday, February 15, 2017 12:21 PM  
**To:** Baker, Steven - NRCS, Columbus, OH <Steven.Baker@oh.usda.gov>  
**Cc:** Jeannette Wierzbiki <jeannettew@omegadistrict.org>  
**Subject:** Request for assistance with environmental review re: hydric soils

Dear Mr. Baker:

OMEGA is the Local Development District that serves Harrison County, and as such we are conducting an environmental review for a CDBG Critical Infrastructure project for the Harrison County Board of Commissioners. The proposed project is to decommission the wastewater treatment plant that currently serves the Harrison County Home, ( a 33-bed facility serving the elderly) located at 42235 Cadiz-Dennison Road, Cadiz, Ohio. A dual pumping station will be installed at the County Home property and 12,100 linear feet of 4-inch HDPE force main will be installed on the north side of US 250 and CR 11 (within the existing right-of-way) where it will then tie into the Village of Cadiz's wastewater system at the intersection of Brokaw and Dennison Avenue on the western edge of the Village of Cadiz. There is a raw water line already installed along this route. The County owns the Home and has indicated that the right-of-way is 60' for the involved roadways.

As part of the environmental review, we are required to conduct a soil survey. Based on the soils map that was retrieved from USDA's Web Soil Survey site, there are three hydric soils present in the project area. I have attached a copy of the soils map and soils data, and circled the codes that indicate the presence of hydric soils. I have also indicated the site of the Harrison County Home and the project area route into the Village of Cadiz. Please refer to the map key in the bottom right hand corner for an explanation of added map symbols.

I am requesting assistance with how to proceed based on the presence of hydric soils in the project area. Please let me know if you need clarification on anything.

I will appreciate any guidance you can provide.

Sincerely,



**FARMLAND CONVERSION IMPACT RATING**

**PART I (To be completed by Federal Agency)**

Date Of Land Evaluation Request **2/15/17**

Name of Project **Harrison County Home Wastewater Treatment Plant**

Federal Agency Involved **HUD**

Proposed Land Use **Install pumping station and pipeline**

County and State county and state: **Harrison Co., Ohio**

**PART II (To be completed by NRCS)**

Date Request Received By NRCS **2/15/17**

Person Completing Form: **Steve Baker**

Does the site contain Prime, Unique, Statewide or Local Important Farmland?  
(If no, the FPPA does not apply - do not complete additional parts of this form)

YES  NO

Acres Irrigated

Average Farm Size

Major Crop(s)

Farmable Land in Govt. Jurisdiction

Amount of Farmland As Defined in FPPA

Acres: %

Acres: %

Name of Land Evaluation System Used

Name of State or Local Site Assessment System

Date Land Evaluation Returned by NRCS **2/16/17**

**PART III (To be completed by Federal Agency)**

**Alternative Site Rating**

Site A Site B Site C Site D

A. Total Acres To Be Converted Directly

B. Total Acres To Be Converted Indirectly

C. Total Acres In Site

**PART IV (To be completed by NRCS) Land Evaluation Information**

A. Total Acres Prime And Unique Farmland

B. Total Acres Statewide Important or Local Important Farmland

C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted

D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value

**PART V (To be completed by NRCS) Land Evaluation Criterion**

Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)

**PART VI (To be completed by Federal Agency) Site Assessment Criteria**

(Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)

	Maximum Points	Site A	Site B	Site C	Site D
1. Area In Non-urban Use	(15)				
2. Perimeter In Non-urban Use	(10)				
3. Percent Of Site Being Farmed	(20)				
4. Protection Provided By State and Local Government	(20)				
5. Distance From Urban Built-up Area	(15)				
6. Distance To Urban Support Services	(15)				
7. Size Of Present Farm Unit Compared To Average	(10)				
8. Creation Of Non-farmable Farmland	(10)				
9. Availability Of Farm Support Services	(5)				
10. On-Farm Investments	(20)				
11. Effects Of Conversion On Farm Support Services	(10)				
12. Compatibility With Existing Agricultural Use	(10)				
<b>TOTAL SITE ASSESSMENT POINTS</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**PART VII (To be completed by Federal Agency)**

Relative Value Of Farmland (From Part V)	100	0	0	0	0
Total Site Assessment (From Part VI above or local site assessment)	160	0	0	0	0
<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Site Selected:

Date Of Selection

Was A Local Site Assessment Used?

YES  NO

Reason For Selection:

**NRCS Note: Not Subject to FPPA Work to take place in ROW and areas committed to urban development**

Name of Federal agency representative completing this form: **Trina Woodland - OMEGA**

Date: **2/16/17**

(See Instructions on reverse side)

## STEPS IN THE PROCESSING THE FARMLAND AND CONVERSION IMPACT RATING FORM

- Step 1 - Federal agencies (or Federally funded projects) involved in proposed projects that may convert farmland, as defined in the Farmland Protection Policy Act (FPPA) to nonagricultural uses, will initially complete Parts I and III of the form. For Corridor type projects, the Federal agency shall use form NRCS-CPA-106 in place of form AD-1006. The Land Evaluation and Site Assessment (LESA) process may also be accessed by visiting the FPPA website, <http://fppa.nrcs.usda.gov/lesa/>
- Step 2 - Originator (Federal Agency) will send one original copy of the form together with appropriate scaled maps indicating location(s) of project site(s), to the Natural Resources Conservation Service (NRCS) local Field Office or USDA Service Center and retain a copy for their files. (NRCS has offices in most counties in the U.S. The USDA Office Information Locator may be found at [http://offices.usda.gov/scripts/ndISAPI.dll/oip\\_public/USA\\_map](http://offices.usda.gov/scripts/ndISAPI.dll/oip_public/USA_map), or the offices can usually be found in the Phone Book under U.S. Government, Department of Agriculture. A list of field offices is available from the NRCS State Conservationist and State Office in each State.)
- Step 3 - NRCS will, within 10 working days after receipt of the completed form, make a determination as to whether the site(s) of the proposed project contains prime, unique, statewide or local important farmland. (When a site visit or land evaluation system design is needed, NRCS will respond within 30 working days.
- Step 4 - For sites where farmland covered by the FPPA will be converted by the proposed project, NRCS will complete Parts II, IV and V of the form.
- Step 5 - NRCS will return the original copy of the form to the Federal agency involved in the project, and retain a file copy for NRCS records.
- Step 6 - The Federal agency involved in the proposed project will complete Parts VI and VII of the form and return the form with the final selected site to the servicing NRCS office.
- Step 7 - The Federal agency providing financial or technical assistance to the proposed project will make a determination as to whether the proposed conversion is consistent with the FPPA.

## INSTRUCTIONS FOR COMPLETING THE FARMLAND CONVERSION IMPACT RATING FORM

(For Federal Agency)

**Part I:** When completing the "County and State" questions, list all the local governments that are responsible for local land use controls where site(s) are to be evaluated.

**Part III:** When completing item B (Total Acres To Be Converted Indirectly), include the following:

1. Acres not being directly converted but that would no longer be capable of being farmed after the conversion, because the conversion would restrict access to them or other major change in the ability to use the land for agriculture.
2. Acres planned to receive services from an infrastructure project as indicated in the project justification (e.g. highways, utilities planned build out capacity) that will cause a direct conversion.

**Part VI:** Do not complete Part VI using the standard format if a State or Local site assessment is used. With local and NRCS assistance, use the local Land Evaluation and Site Assessment (LESA).

1. Assign the maximum points for each site assessment criterion as shown in § 658.5(b) of CFR. In cases of corridor-type project such as transportation, power line and flood control, criteria #5 and #6 will not apply and will, be weighted zero, however, criterion #8 will be weighed a maximum of 25 points and criterion #11 a maximum of 25 points.
2. Federal agencies may assign relative weights among the 12 site assessment criteria other than those shown on the FPPA rule after submitting individual agency FPPA policy for review and comment to NRCS. In all cases where other weights are assigned, relative adjustments must be made to maintain the maximum total points at 160. For project sites where the total points equal or exceed 160, consider alternative actions, as appropriate, that could reduce adverse impacts (e.g. Alternative Sites, Modifications or Mitigation).

**Part VII:** In computing the "Total Site Assessment Points" where a State or local site assessment is used and the total maximum number of points is other than 160, convert the site assessment points to a base of 160.

Example: if the Site Assessment maximum is 200 points, and the alternative Site "A" is rated 180 points:

$$\frac{\text{Total points assigned Site A}}{\text{Maximum points possible}} = \frac{180}{200} \times 160 = 144 \text{ points for Site A}$$

For assistance in completing this form or FPPA process, contact the local NRCS Field Office or USDA Service Center.

NRCS employees, consult the FPPA Manual and/or policy for additional instructions to complete the AD-1006 form.

# Statutory Checklist

## Item #1.) State Historic Preservation Office

This section includes:

- Correspondence: Ohio Historic Preservation Office
- 106 Form
- Project Photos (APE)
- APE Maps
- National Register of Historic Places in Harrison County
- Ohio Historic Preservation Office Map



In reply refer to:  
2017-HAS-38304

March 24, 2017

Trina Woodland  
Ohio Mid-Eastern Governments Association  
326 Highland Avenue, Suite B  
Cambridge, OH 43725

RE: Section 106 Review, CDBG, Critical Infrastructure Grant, Wastewater Treatment Improvements, Harrison County Home, Village of Cadiz, Harrison County, Ohio

Dear Ms. Woodland:

This letter is in response to your correspondence, received March 13, 2017, regarding the proposed wastewater treatment improvements for the Harrison County Home, Village of Cadiz, Harrison County, Ohio. The comments of the State Historic Preservation Office are made in accordance with the provisions of Section 106 of the National Historic Preservation Act of 1966, as amended, and the associated regulations at 36 CFR Part 800.

This project involves replacement of the existing wastewater treatment plant (WWTP) along U.S. Route 250 just south of the Harrison County Home with a duplex pump station at the location of the existing WWTP. The new pump station will be significantly smaller than the existing WWTP. In addition, about 12,100 linear feet of 4-inch sanitary sewer force main will be installed along the northern sides of U.S. Route 250 and County Road 11 from the pump station to the intersection of Brokaw and Dennison Avenues in Cadiz where the force main will tie into the village's existing wastewater treatment system. An existing water line is currently located along the same route as the proposed sanitary sewer line. The Harrison County Home and associated barn are listed on the Ohio Historic Inventory (OHI Nos. HAS-310-11 and HAS-312-11) and appear eligible for listing on the National Register of Historic Places. Since the work involves installation of subsurface infrastructure or replacement of existing infrastructure in areas that have been previously disturbed by utility and roadway construction, the project is not likely to impact historic properties.

Based on the information provided, it is my opinion that this project will not adversely affect historic properties. No further coordination is required for the project unless the scope of work changes or archaeological remains are discovered during the course of the project. In such a situation, this office should be contacted as per 36 CFR § 800.13. If you have any questions, please contact me at [kkennedy@ohiohistory.org](mailto:kkennedy@ohiohistory.org) or (614) 298-2000. Thank you for your cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read "Kendra Kennedy".

Kendra Kennedy, Project Reviews Manager  
State Historic Preservation Office

cc: Tim Allen, DSA

Ser. No. 1067915

## **Trina Woodland**

---

**From:** Trina Woodland  
**Sent:** Friday, February 03, 2017 10:15 AM  
**To:** 'Section106@ohiohistory.org'  
**Subject:** Question regarding 106 form  
**Attachments:** GIS Map of Project area.pdf; Route Map.docx

Good morning,

I am writing to request assistance with some of the requirements for completing the 106 Review Form for a project in one of our communities. The project is being funded through the CDBG Critical Infrastructure Program. It will involve installing a pump station at the Harrison County Home in Harrison County, a force main along the route, and laying pipe for the sewer line along a 2.3 mile stretch of highway along SR 250 and CR 11 into the Village of Cadiz. There are no historic structures in the APE according to the National Historic Registry. However, the instructions for Form 106 state that photos of the entire project area should be submitted. This does not seem feasible for a 2.3 mile area. What photos do you require in this case?

All ground involved in the pipe laying has been previously disturbed by the installation of a raw water line along this same route. I have attached a couple of maps, so that you can see the exact project area. I will appreciate any guidance you can provide.

Thank you,

***Trina Woodland***

**Community Development Specialist**

**OMEGA**

**326 Highland Avenue, Suite B**

**Cambridge, OH**

**(740) 439-4471, Ext. 201**

**trinaw@omegadistrict.org**

## Trina Woodland

---

**From:** Trina Woodland  
**Sent:** Monday, February 06, 2017 8:00 AM  
**To:** 'Jenny Bellville-Marrion'  
**Subject:** RE: Question regarding 106 form

Thank you, Jenny. This is very helpful.

## *Trina Woodland*

Community Development Specialist  
OMEGA  
326 Highland Avenue, Suite B  
Cambridge, OH  
(740) 439-4471, Ext. 201  
[trinaw@omegadistrict.org](mailto:trinaw@omegadistrict.org)

---

**From:** Jenny Bellville-Marrion [<mailto:jbellville@marrion@ohiohistory.org>]  
**Sent:** Monday, February 06, 2017 7:21 AM  
**To:** [trinaw@omegadistrict.org](mailto:trinaw@omegadistrict.org)  
**Cc:** Diana Welling <[dwelling@ohiohistory.org](mailto:dwelling@ohiohistory.org)>; Kendra Kennedy <[kkennedy@ohiohistory.org](mailto:kkennedy@ohiohistory.org)>  
**Subject:** RE: Question regarding 106 form

Hello Trina,

Generally, we are asking for photos of key points in and around a project area for larger undertakings (beginning point, ending point, water tank locations, etc.). We just need to have an idea of what the current setting looks like. Kendra Kennedy will be the reviewer for this project. During the review process, she may have more specific photo requests.

Please send a hard copy of all your documentation to our office since we do not accept electronic submissions at this time.

Thanks,

Jenny Bellville-Marrion | Project Reviews Coordinator, State Historic Preservation Office  
Ohio History Connection | 800 E. 17<sup>th</sup> Ave. Columbus, Ohio 43211  
p. 614.298.2000 | [jbellville@marrion@ohiohistory.org](mailto:jbellville@marrion@ohiohistory.org)

The Ohio History Connection's mission is to spark discovery of Ohio's stories. Embrace the present, share the past and transform the future.

---

**From:** Trina Woodland [<mailto:trinaw@omegadistrict.org>]  
**Sent:** Friday, February 3, 2017 10:15 AM



OHIO HISTORICAL SOCIETY  
Ohio Historic Preservation Office

## OHIO HISTORIC PRESERVATION OFFICE: RESOURCE PROTECTION AND REVIEW

### Section 106 Review - Project Summary Form

For projects requiring a license from the Federal Communications Commission, please use FCC Forms 620 or 621. **DO NOT USE THIS FORM.**

#### **SECTION 1: GENERAL PROJECT INFORMATION**

All contact information provided must include the name, address and phone number of the person listed. Email addresses should also be included, if available. Please refer to the Instructions or contact an OHPO reviewer (mailto:Section106@ohiohistory.org) if you need help completing this Form. Unless otherwise requested, we will contact the person submitting this Form with questions or comments about this project.

#### A. Project Info:

1. This Form provides information about:

New Project Submittal:

**YES** NO

Date:	2/2/17
Name/Affiliation of person submitting form:	<b>Trina Woodland – Ohio Mid-Eastern Governments Association</b>
Mailing Address:	<b>326 Highland Ave., Suite B, Cambridge, OH 43725</b>
Phone/Fax/Email:	<b>Ph: (740) 439-4471, Fax: (740) 439-7783, <u>trinaw@omegadistrict.org</u></b>

Additional information relating to previously submitted project:

YES **NO**

OHPO/RPR Serial Number from previous submission: N/A

2. Project Name (if applicable):

**Harrison County Home Wastewater Improvements**



3. Internal tracking or reference number used by Federal Agency, consultant, and/or applicant to identify this project (if applicable):

B. Project Address or vicinity: Project beings at **41500 Cadiz-Dennison, Cadiz, OH 43907, and ends at the intersection of Dennison and Brokaw Avenues in Cadiz, OH 43907. (Approx. 2.3 miles in length)**

C. City/Township: **Cadiz/Cadiz Township**

D. County: **Harrison**

E. Federal Agency and Agency Contact. *If you do not know the federal agency involved in your project, please contact the party asking you to apply for Section 106 Review, not OHPO, for this information. HUD Entitlement Communities acting under delegated environmental review authority should list their own contact information.*

**HUD**

F. Type of Federal Assistance. *List all known federal sources of federal funding, approvals, and permits to avoid repeated reviews.*

**CDBG Critical Infrastructure Grant**

G. State Agency and Contact Person (if applicable):

**ODSA office of Community Development, Mary Oakley, 614-644-9226**

H. Type of State Assistance: **CDBG funding is federal money administered by the state. State assistance is administrative only.**

I. Is this project being submitted at the direction of a state agency **solely** under Ohio Revised Code 149.53 or at the direction of a State Agency? *Answering yes to this question means that you are sure that no federal funding, permits or approvals will be used for any part of your project, and that you are seeking comments only under ORC 149.53.*

YES **NO**

J. Public Involvement- Describe how the public has been/will be informed about this project and its potential to affect historic properties. Please summarize how they will have an opportunity to provide comments about any effects to historic properties. (This step is required for all projects under 36 CFR § 800.2):

Harrison County has held three public hearings to date. The meetings have all been open to the public and the public has been invited and encouraged to attend and offer comments and voice concerns. Based on visual observation, maps of the area and the National Register of Historic Places, there are no listed historical properties in the project area. Therefore, it is believed that there is no risk of impact to any historic properties.

- K. Please list other consulting parties that you have contacted/will contact about this project, such as Indian Tribes, Certified Local Governments, local officials, property owners, or preservation groups. (See 36 CFR § 800.2 for more information about involving other consulting parties). Please summarize how they will have an opportunity to provide comments:

The Harrison County Commissioners, County engineer, and local government officials have been involved in the project since its inception. The initial project site is owned by the County, and the County also has a 60' right-of-way, (30' on either side) of U.S. 250 and CR 11, where the pipeline will be installed. Public meetings have provided opportunities for interested parties to address concerns regarding historical impacts. There has been no negative feedback or concerns regarding historical resources to this point. The proposed project will have a much smaller visual footprint and will improve the aesthetics of the project site.

## **SECTION 2: PROJECT DESCRIPTION AND AREA OF POTENTIAL EFFECTS (APE)**

Provide a description of your project, its site, and geographical information. You will also describe your project's Area of Potential Effects (APE). Please refer to the Instructions or contact an OHPO reviewer if you need help with developing the APE or completing this form.

The Harrison County Home, situated approximately two miles west of the Village of Cadiz along U.S. Route 250 is a 33 bed facility (26 are currently filled) with a daily staff of ten to twelve. The Harrison County Home has been served since 1973 by a 10,000 gallon per day extended aeration package wastewater treatment plant. Owing to wear and deterioration over its 43 years of service, the Harrison County Board of Commissioners, who are the system owners, has sought an alternative to either rehabilitating or replacing the package plant, and to discontinuing the constant effluent monitoring and testing. It was decided that decommissioning and removing the package plant and replacing it with a sewage pumping station and pressure line to transport wastewater generated at the County Home to the Village of Cadiz Municipal Sewage System for treatment and disposal would provide the best solution.

The proposed project, which will replace the treatment plant with the pump station provides Harrison County with the most viable long-term option. This will eliminate the continuous operation of the electric-powered blowers and dosing pumps, as well as chemicals for disinfection, dechlorination and odor control.

The project will involve the installation of a pumping station and force main with 2 solids handling pumps, road bore for 4" force main at the Harrison County Home and the installation of 12,100 linear feet of 4" HDPE along the north side of U.S. Route 250 and County Road 11. The County has a 60' right of way (30' on either side) of the road through these areas. The line will run for approximately 2.3 miles, and will tie into the Village of Cadiz's wastewater system at the intersection of Dennison and Brokaw Avenues, which lie on the western edge of the Village. Installation of the pumping station and force main at the Harrison County Home, will occur on the site of the

current waste water system where development has already taken place, and the installation of pipe along US 250 and CR 11 involves ground that has already been disturbed due to the presence of an existing raw water line. The old wastewater infrastructure will ultimately be removed. The project will require some ground disturbance to install the pumping station, force main, and pipe line, but all areas have been previously developed.

According to the National Register of Historic Places, and a map from the OHPO mapping site, there are no listed historic sites along the route. There are a few modern residential areas, a restaurant, a trailer park, and some storage units along US 250. There is also a well pad along CR 11, but nothing which could be classified as historic. However, the Harrison County Home itself appears to be a historic building, although it is not listed as such. The ohiocountyhomes.org website states the Harrison County Home was brought into service in 1905, which makes it approximately 112 years old. The pumping station and force main will be near the road, which is approximately 200' feet removed from the closest point of the building. As previously stated, the final visual footprint will be much smaller than the current system. There will be no interference with building structure due to this project. All pipeline will be installed underground in the right-of-way. Construction should not produce further disturbance beyond what was previously done. There are few structures along the route, and none of the development area involves farmland. All residential structures along the route appear to be modern in their construction. There is a locally-owned family restaurant along this route, but it does not appear to be historic. (Please see enclosed photos.)

The area of potential effects includes the Harrison County Home, and the 2.3 miles of roadway involving US 250 and CR 11 which will tie into the wastewater system in the Village of Cadiz. This will include land that is directly involved in the project, as well as land that is viewable from the project area in all directions. All ground involved in this development has been previously disturbed by installation of the former wastewater treatment plant and a raw water pipeline that runs along the project area route. In the long term, there will be no visible aftereffects from the project. The new pumping station will be installed at the site of the current treatment plant, and pipeline will be buried. Included photos provide a sampling of the landscape in the project area and various structures along the route, none of which appear to be historic. The significantly smaller visual footprint will be much more aesthetically beneficial to those within the viewing area.

*For challenging projects, provide as much information as possible in all sections, and then check the box in Section 5.A. to ask OHPO to offer preliminary comments or make recommendations about how to proceed with your project consultation. This is recommended if your project involves effects to significant historic properties or if there may be challenging procedural issues related to your project. Please note that providing information to complete all Sections will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.*

A. Does this project involve any Ground-Disturbing activity: **YES** NO  
(If Yes, you must complete all of Section 2.A. If No, proceed directly to Section 2. B.)

1. General description of width, length and depth of proposed ground disturbing activity:

According to the Harrison County Engineer's office, installation of the dual pumping station at the Harrison County Home will require a plot of land approximately 7' x 7', and approximately 12 feet deep. The 4" force main will involve the use of a trencher which will create a 6" wide path approximately 4 feet deep, running approximately 12,100 feet (2.3 miles) in length.

2. Narrative description of previous land use and past ground disturbances, if known:

**The Harrison County Home has stood on this site since 1905. Current local officials have no knowledge of land use prior to this time, including the 2.3 miles of pipeline route.**

3. Narrative description of current land use and conditions:

**The proposed project site is the current location of the wastewater treatment plant for the Harrison County Home. This system was installed in the 1970s and is still in use. However, if the proposed project is approved, the current system will be decommissioned and removed in favor of the updated pumping station and force main. The proposed water line route is also currently in use by a raw water line, which runs on the north side of US 250 and CR 11 along the same route where the new 4" HDPE pipe will be installed**

4. Does the landowner know of any archaeological resources found on the property?  
YES **NO** If yes, please describe:

- B. Submit the exact project site location on a USGS 7.5-minute topographic quadrangle map for all projects. Map sections, photocopies of map sections, and online versions of USGS maps are acceptable as long as the location is clearly marked. Show the project's Area of Potential Effects (APE). It should be clearly distinguished from other features shown on the map:

1. USGS Quad Map Name: **Harrison County Home – Wastewater Improvements (Please see Attachment A.)**
2. Township/City/Village Name: **Cadiz Township/Village of Cadiz**

- C. Provide a street-level map indicating the location of the project site; road names must be identified and legible. Your map must show the exact location of the boundaries for the project site. Show the project's Area of Potential Effects (APE). It should be clearly distinguished from other features shown on the map:

**(Please see attachment B.)**

- D. Provide a verbal description of the APE, including a discussion of how the APE will include areas with the potential for direct and indirect effects from the project. Explain the steps taken to identify the project's APE, and your justification for the specific boundaries chosen:

**The APE for this project includes the area in and around the Harrison County Home including the land and line of sight structures or features. It also includes land and properties along US 250 and CR 11 and line of sight where the pipe line will be installed. As previously noted, there are no features or structures in the project which are identified on the National Register of Historic Places as having historical significance. However, the County Home itself is approximately 112 years old and may potentially be a historic building. There is also a barn on the property which may need to be evaluated. The buildings will not be directly affected in any way as the installation site for the pumping station is approximately 200' south of the nearest point of the County Home.**

The proposed project, which will replace the current waste water system will have a much smaller visual impact than what is currently in place. Very little of the installed system will be visible above ground once installation is complete, and the old system is removed. All pipeline will be buried, so visual impacts from it will be nonexistent. Additionally, effluent from the newly installed pumping system will be tied into the Village of Cadiz's wastewater system.

It is probable that there will be some temporary noise disturbance at the main project site where the pumping station and force main will be installed, and possibly along the pipeline route during installation. There will also be some ground disturbance associated with the project, but installation will take place in areas that have been previously developed, so new ground disturbance should be minimal. All construction will be limited to daylight hours.

All determinations are based on visual examination of the project site, driving and photographing the pipeline route, and examining maps of the total project area.

- E. Provide a detailed description of the project. This is a critical part of your submission. Your description should be prepared for a cold reader who may not be an expert in this type of project. The information provided must help support your analysis of effects to historic properties, not other types of project impacts. Do not simply include copies of environmental documents or other types of specialized project reports. If there are multiple project alternatives, you should include information about all alternatives that are still under active consideration:

This project will replace the current wastewater system at The Harrison County Home, which is situated a little over two miles west of the Village of Cadiz along U.S. Route 250. This includes a 33 bed facility (26 are currently filled) which serves an elderly clientele with a daily staff of ten to twelve. The Harrison County Home has been served since 1973 by a 10,000 gallon per day extended aeration package wastewater treatment plant. Owing to wear and deterioration over its 43 years of service, the Harrison County Board of Commissioners, who are the system owners, has sought an alternative to either rehabilitating or replacing the package plant, and to discontinuing the constant effluent monitoring and testing. This will involve decommissioning and removing the package plant and replacing it with a sewage pumping station and pressure line to transport wastewater generated at the County Home to the Village of Cadiz Municipal Sewage System for treatment and disposal. This option has been proven to offer the most cost effect and efficient solution.

The proposed project will replace the existing WWTP that serves the County Home with a 50 gpm duplex pump station and 12,100 feet of 4-inch high density polyethylene force main (pipe). The pumping station will be installed on the site of the existing WWTP at the County Home, while the pipeline will be installed along the north side of US 250 and CR 11 and run for approximately 2.3 miles. It will then tie into the Village of Cadiz's wastewater treatment system at the intersection of Brokaw and Dennison Avenue.

The Harrison County Home is 112 years old and may potentially be a historic building although it is not listed as such. When the project is completed, it will have a positive effect on the visual aspect of the County Home, replacing the current highly visible and unsightly infrastructure with a dual pumping station which will have very little visual impact.

### **SECTION 3: IDENTIFICATION OF HISTORIC PROPERTIES**

Describe whether there are historic properties located within your project APE. To make that determination, use information generated from your own Background Research and Field Survey. Then choose one of the following options to report your findings. Please refer to the Instructions and/or contact an OHPO reviewer if you are unsure about how to identify historic properties for your project.

*If you read the Instructions and you're still confused as to which reporting option best fits your project, or you are not sure if your project needs a survey, you may choose to skip this section, but provide as much supporting documentation as possible in all other Sections, then check the box in Section 5.A. to request preliminary comments from OHPO. After reviewing the information provided, OHPO will then offer comments as to which reporting option is best suited to document historic properties for your project. Please note that providing information to complete this Section will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.*

#### **Recording the Results of Background Research and Field Survey:**

- A. **Summary of discussions and/or consultation with OHPO** about this project that demonstrates how the Agency Official and OHPO have agreed that no Field Survey was necessary for this project (typically due to extreme ground disturbance or other special circumstances). Please **attach copies** of emails/correspondence that document this agreement. You must explain how the project's potential to affect both archaeological and historic resources were considered.
- B. **A table that includes the minimum information** listed in the OHPO Section 106 Documentation Table (which is generally equivalent to the information found on an inventory form). This information must be printed and mailed with the Project Summary Form. To provide sufficient information to complete this Section, you must also include summary observations from your field survey, background research and eligibility determinations for each property that was evaluated in the project APE.
- C. **OHI (Ohio Historic Inventory) or OAI (Ohio Archaeological Inventory) forms**- New or updated inventory forms may be prepared using the OHI pdf form with data population capabilities, the Internet IForm, or typed on archival quality inventory forms. To provide sufficient information to complete this Section, you must include summary observations from your field survey and background research. You must also include eligibility determinations for each property that was evaluated in the project APE
- D. **A historic or archaeological survey report** prepared by a qualified consultant that meets professional standards. The survey report should meet the Secretary of the Interior's Standards and Guidelines for Identification and OHPO Archaeological Guidelines. You may also include new inventory forms with your survey, or update previous inventory forms. To complete this section, your survey report must include summary observations from your field survey, background research and eligibility determinations for each property that was evaluated within the APE.
- E. **Project Findings.** Based on the conclusions you reached in completing Section 3, please choose one finding for your project. There are (mark one):
  - Historic Properties Present in the APE:
  - No Historic Properties Present in the APE:

#### **SECTION 4: SUPPORTING DOCUMENTATION**

This information must be provided for all projects.

- A. Photographs must be keyed to a street-level map, and should be included as attachments to this application. Please label all forms, tables and CDs with the date of your submission and project name, as identified in Section 1. You must present enough documentation to clearly show existing conditions at your project site and convey details about the buildings, structures or sites that are described in your submission. Faxed or photocopied photographs are not acceptable. See Instructions for more info about photo submissions or 36 CFR § 800.11 for federal documentation standards.
  1. Provide photos of the entire project site and take photos to/from historic properties from/towards your project site to support your determination of effect in Section 5.
  2. Provide current photos of all buildings/structures/sites described.
- B. Project plan, specifications, site drawings and any other media presentation that conveys detailed information about your project and its potential to affect historic properties.
- C. Copies or summaries of any comments provided by consulting parties or the public.

#### **SECTION 5: DETERMINATION OF EFFECT**

- A. **Request Preliminary Comments.** For challenging projects, provide as much information as possible in previous sections and ask OHPO to offer preliminary comments or make recommendations about how to proceed with your project consultation. This is recommended if your project involves effects to significant historic properties, if the public has concerns about your project's potential to affect historic properties, or if there may be challenging procedural issues related to your project. Please be aware that providing information in all Sections will still be required and that asking OHPO for preliminary comments may tend to delay completion of the review process for some projects.

1. We request preliminary comments from OHPO about this project:

**YES** NO

2. Please specify as clearly as possible the particular issues that you would like OHPO to examine for your project (for example- help with developing an APE, addressing the concerns of consulting parties, survey methodology, etc.):

**We are requesting evaluation of the Harrison County Home and Barn which sit on the property where the pumping station and force main will be installed. These properties are not listed on the Ohio Register of Historic Properties, but the County Home is 112 years old, and we are uncertain of the age of the barn. As previously noted, the final visual footprint of the proposed pumping station and force main system will be significantly smaller than the system that is currently in place. All pipeline will be buried underground. The pumping station installation site is roughly 200 feet south of the closest portion of the County Home and will not create any structural impact to the building. Ground disturbance will be limited to an area that has been previously disturbed.**

- B. **Determination of Effect.** If you believe that you have gathered enough

information to conclude the Section 106 process, you may be ready to make a determination of effect and ask OHPO for concurrence, while considering public comments. Please select and mark one of the following determinations, then explain the basis for your decision on an attached sheet of paper:

**No historic properties will be affected** based on 36 CFR § 800.4(d) (1).

Please explain how you made this determination:

**All construction for this project will take place within the 30' right-of-way owned by the County.**

**No Adverse Effect [36 CFR § 800.5(b)] on historic properties.** This finding cannot be used if there are no historic properties present in your project APE. Please explain why the Criteria of Adverse Effect, [36 CFR Part 800.5(a) (1)], were found not to be applicable for your project:

**We are uncertain if the Harrison County Home is a historic property. We have requested evaluation of the Harrison County Home to determine if the property is historic. This also includes the barn that sits on the property. Even if they are determined to be historic, no adverse effects are anticipated from the project. The County Home currently serves 26 elderly in-house residents, and supports another 10-12 employees. This project will replace the outdated, inefficient wastewater treatment system that currently serves the Harrison County Home. Installation will be approximately 200 feet south of the closest portion of the building. Noise disturbance will be minimal and temporary. There will be some ground disturbance, but this will occur in areas that have been previously developed or disturbed. Work will be completed during daylight hours only. No physical characteristics of the buildings will be changed or affected in any way. Visually, the end result will be less intrusive than the current system.**

**Adverse Effect [36 CFR § 800.5(d) (2)] on historic properties.** Please explain why the criteria of adverse effect, [36 CFR Part 800.5(a) (1)], were found to be applicable to your project. You may also include an explanation of how these adverse effects might be avoided, reduced or mitigated:

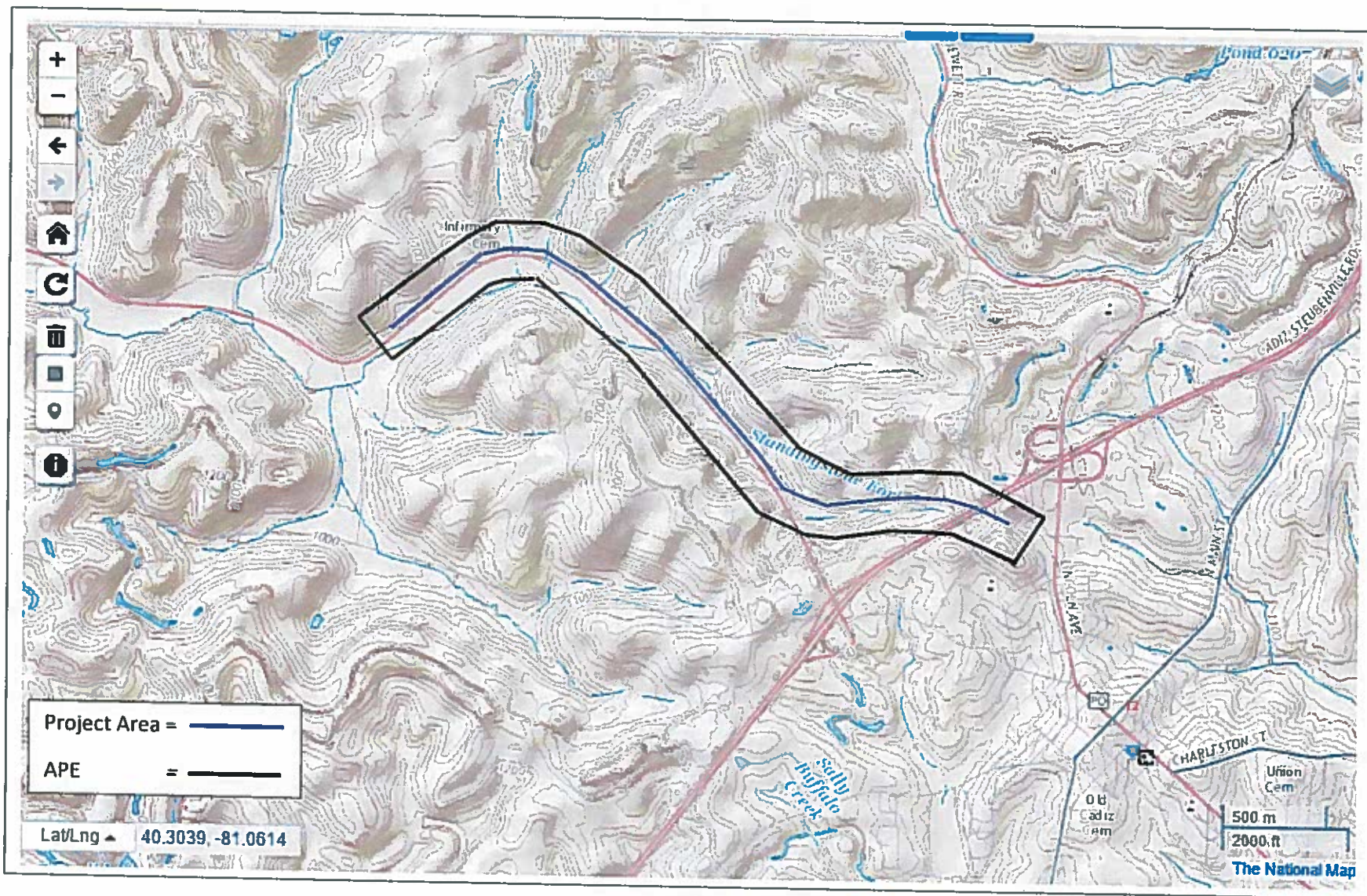
*Please print and mail completed form and supporting documentation to:*

*Ohio Historic Preservation Office  
Attn: Resource Protection and Review Department Head  
Resource Protection and Review  
800 E. 17<sup>th</sup> Avenue  
Columbus, OH 43211-2497*



# Harrison County Home – Wastewater Improvements Project

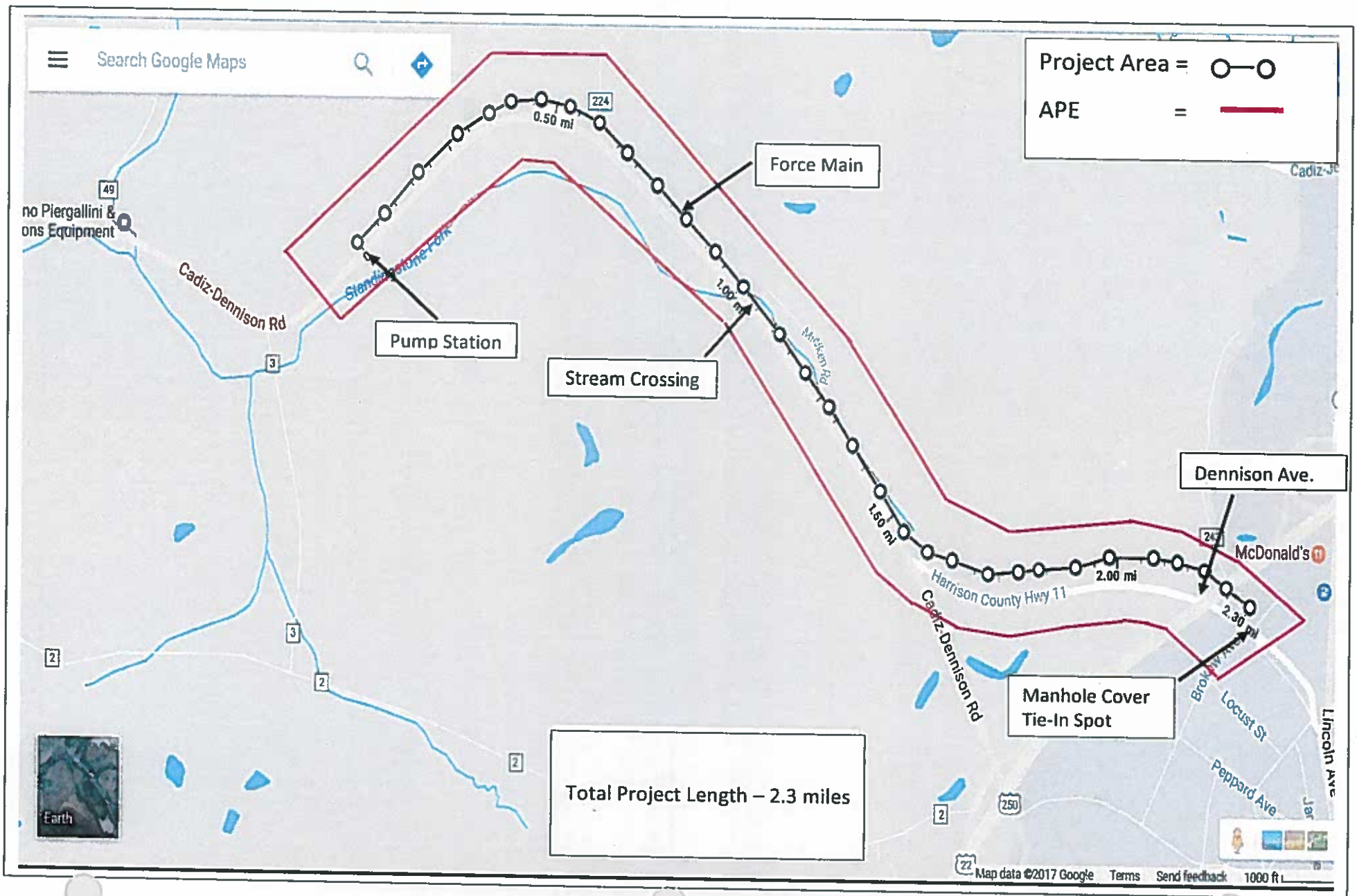
## Area of Potential Effects



Attachment A.

# Harrison County Home Sewer Connect Project

## Area of Potential Effects



Attachment B.

# Harrison County Home Wastewater Treatment Project

## Photos of Pipeline Route

Pumping station installation

Pipeline Route



**Photo #1.)** Driving west on US 250. Harrison County Home is on the right. Pumping station installation site is indicated by an arrow, as is the pipe installation route.

Pipeline Route



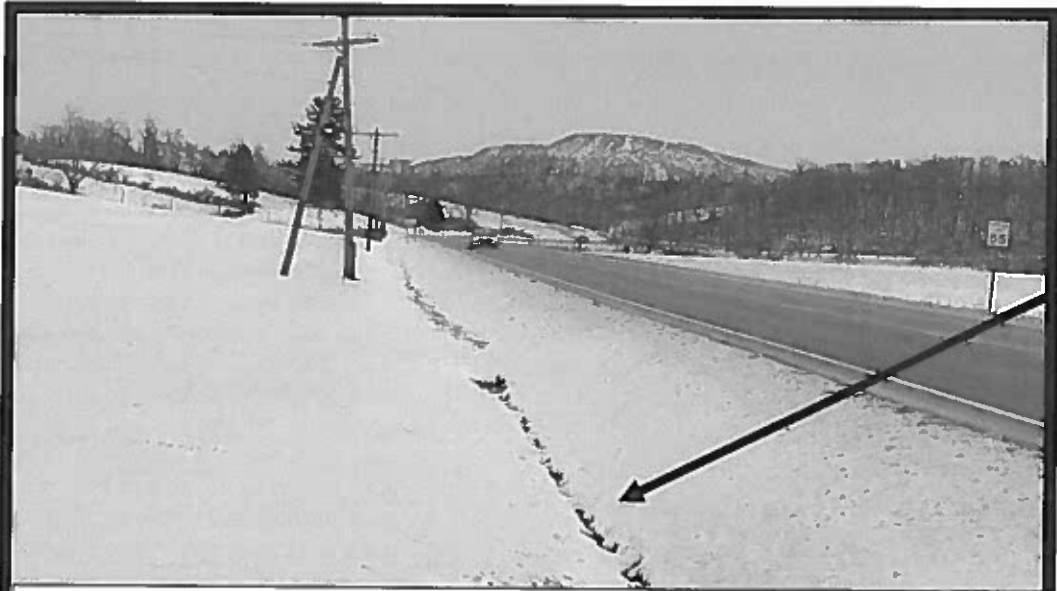
**Photo #2.)** County Road 11 driving east toward Cadiz. Pipe will be installed on the north side of the road as indicated. Residences on right side of road are indicative of the style of homes along this route.

# Harrison County Home Wastewater Treatment System

## Pipeline Route



**Photo #3.)** Barn sits on Harrison County Home property as viewed from US 250 looking east from the County Home. Pumping station site and pipeline route is visible from this vantage point.



Pipeline  
Route

**Photo #4.)** View of US 250 east showing raw water line where new pipeline will be installed.

## Harrison County Home

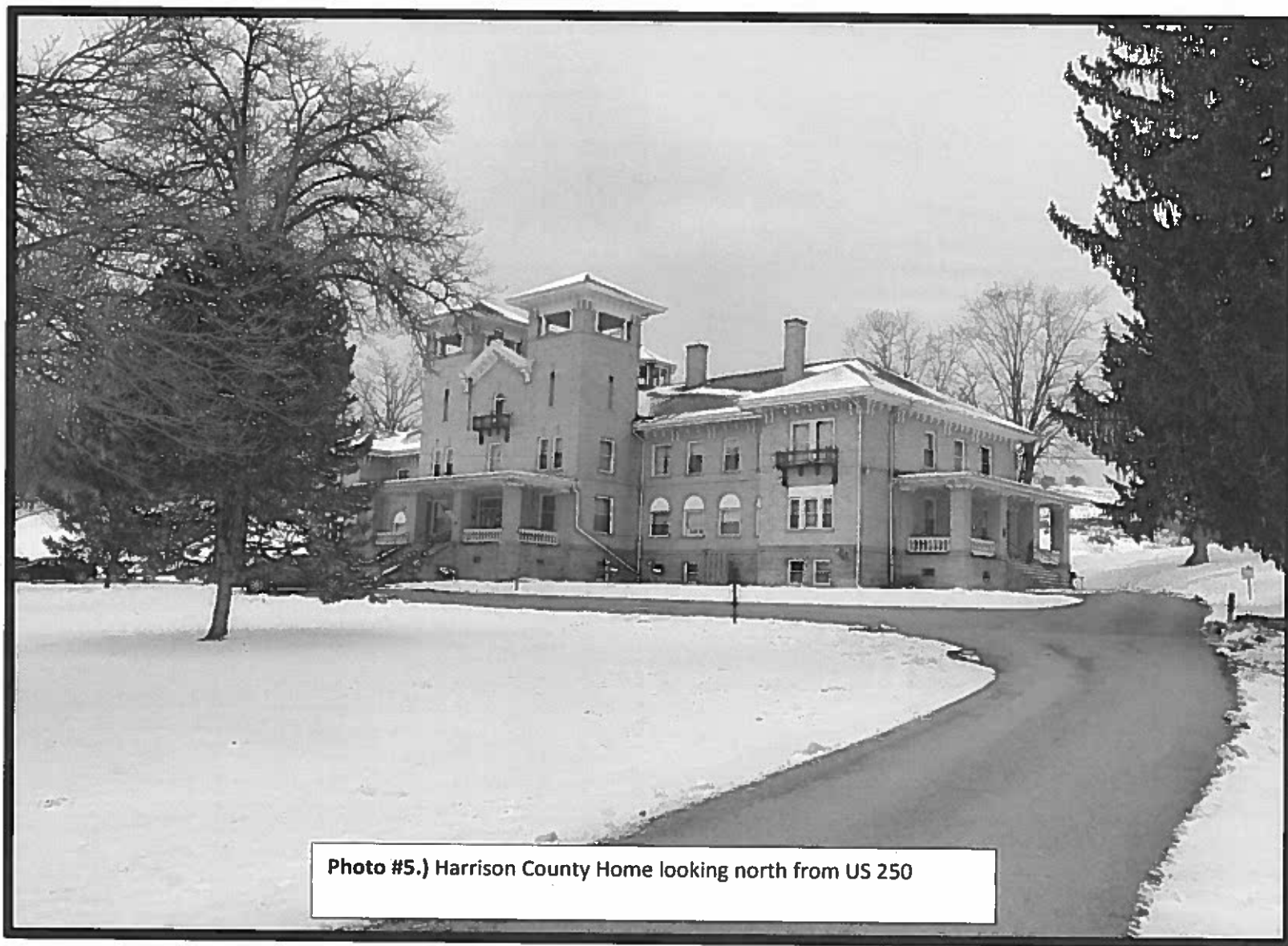


Photo #5.) Harrison County Home looking north from US 250

# Harrison County Wastewater Treatment Plant



Photo #6.) Harrison County Home wastewater treatment plant looking southwest from edge of County Home parking lot.



Photo #7.) Looking southwest from edge of County Home parking lot.

# Harrison County Home



Photo #8.) Harrison County Home looking north from US 250

# Harrison County Home Wastewater Treatment Plant

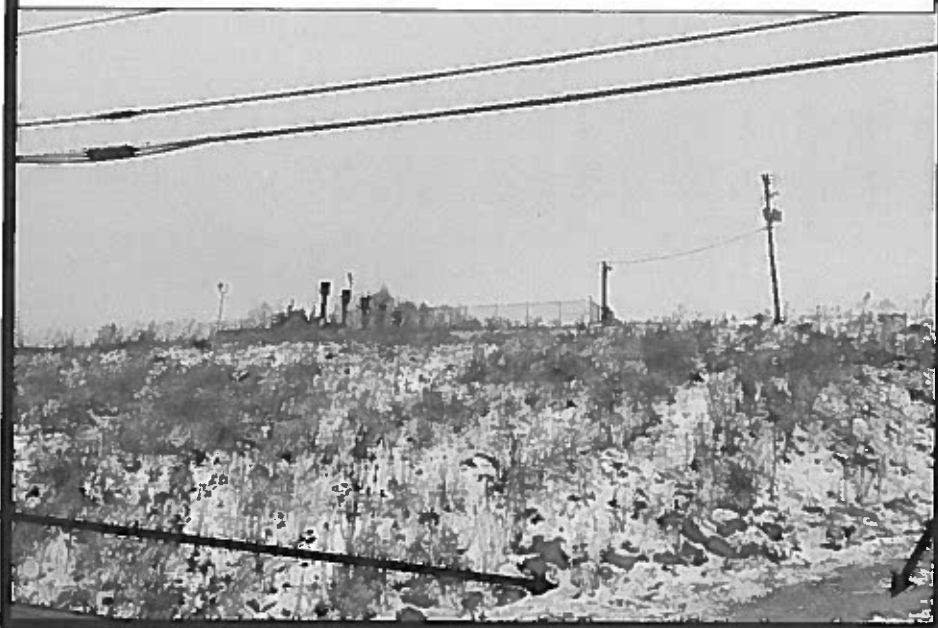
## Pipeline Route along US 250 & CR 11

Pipeline Route



Photo #9) Traveling east along US 250 toward Cadiz.

Photo #10.) Hess well pad shown traveling west on CR 11. Well pad sits on an embankment north of CR 11.



County Road 11

Pipeline Route





**Photo #11.) Restaurant that sits along US 250.**



Current view from Harrison County Home facing US 250

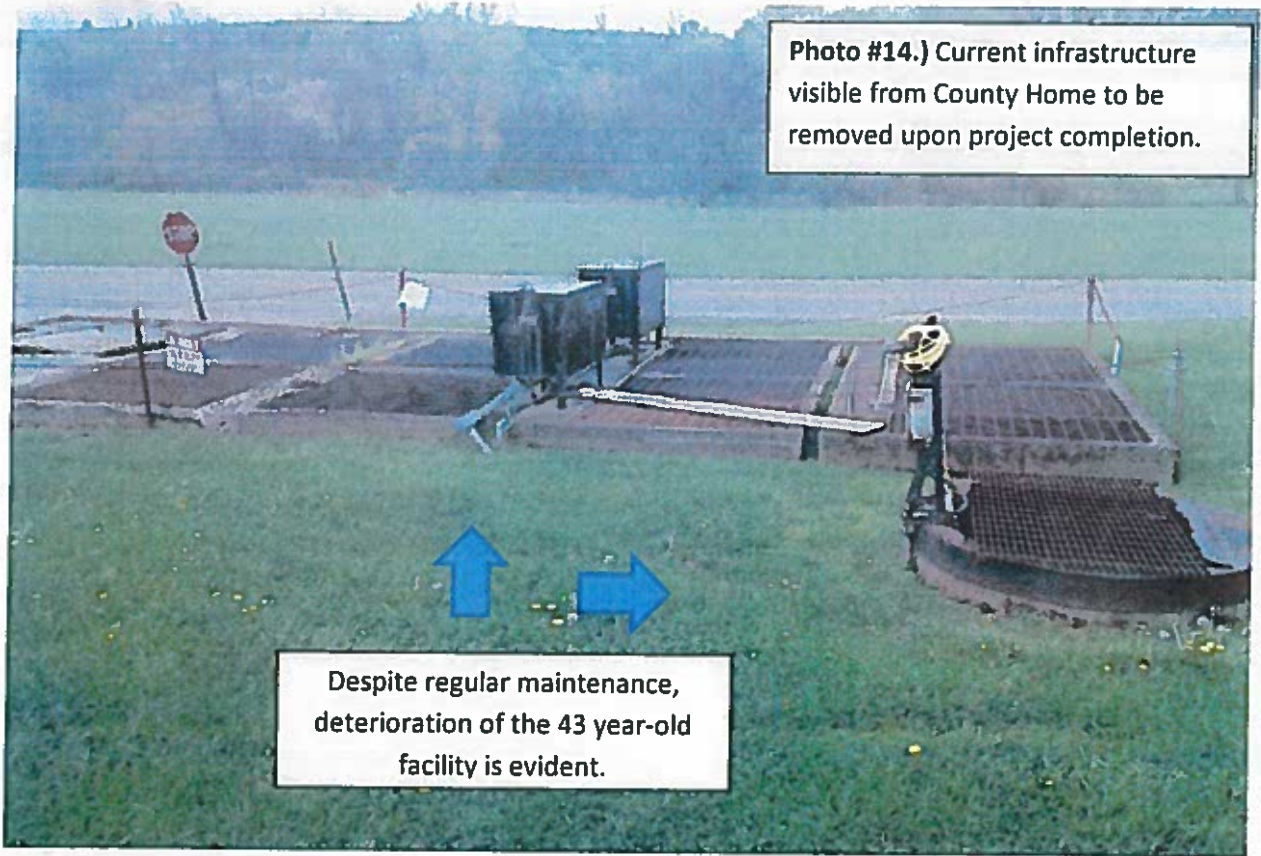
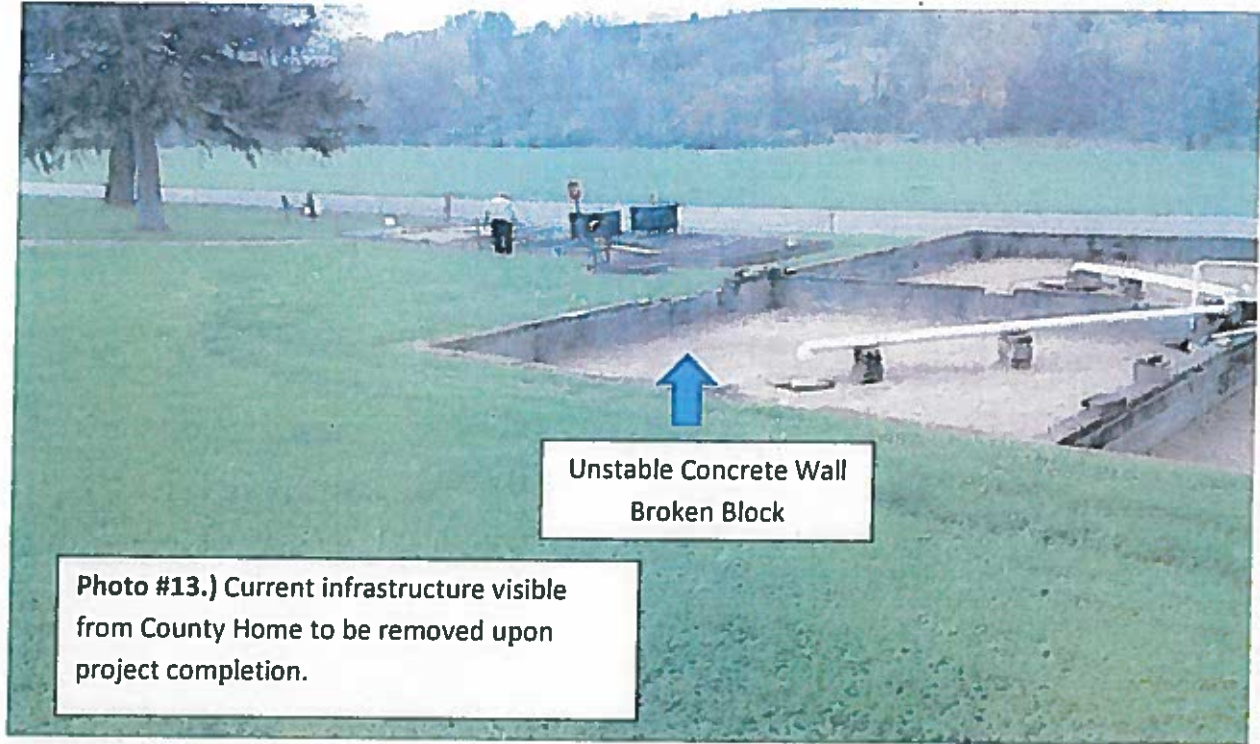
Photo #11.) Current infrastructure to be removed upon project completion.



Missing Cement Blocks

Cracked and broken concrete block

Photo #12.) Current infrastructure to be removed upon project completion.



# National Register of Historic Places listings in Harrison County, Ohio

from Wikipedia, the free encyclopedia

This is a list of the **National Register of Historic Places listings in Harrison County, Ohio**.

It is intended to be a complete list of the properties and districts on the National Register of Historic Places in Harrison County, Ohio, United States. The locations of National Register properties and districts for which the latitude and longitude coordinates are included below, may be seen in a Google map.<sup>[1]</sup>

There are 7 properties and districts listed on the National Register in the county.

*This National Park Service list is complete through NPS recent listings (<http://www.nps.gov/history/nr/nrlist.htm>) posted January 27, 2017.<sup>[2]</sup>*



Location of Harrison County in Ohio

## Current listings

[3]	Name on the Register <sup>[4]</sup>	Image	Date listed <sup>[5]</sup>	Location	City or town	Description
1	Deersville Historic District		October 27, 2004 (#04001199 ( <a href="http://focus.nps.gov/AssetDetail/NRIS/04001199">http://focus.nps.gov/AssetDetail/NRIS/04001199</a> ))	Roughly along W. Main St. from 230 W. Main St. to 212 W. Main St. 40°18'28"N 81°11'21"W	Deersville	
2	Franklin College Building No. 5		May 8, 1987 (#87000687 ( <a href="http://focus.nps.gov/AssetDetail/NRIS/87000687">http://focus.nps.gov/AssetDetail/NRIS/87000687</a> ))	Main St. 40°11'15"N 80°59'47"W	New Athens	
3	Harrison County Courthouse		July 18, 1974 (#74001524 ( <a href="http://focus.nps.gov/AssetDetail/NRIS/74001524">http://focus.nps.gov/AssetDetail/NRIS/74001524</a> ))	Courthouse Sq. 40°16'22"N 80°59'53"W	Cadiz	
4	Harrison National Bank		December 23, 1993 (#93001438 ( <a href="http://focus.nps.gov/AssetDetail/NRIS/93001438">http://focus.nps.gov/AssetDetail/NRIS/93001438</a> ))	101 E. Market St. 40°16'22"N 80°59'48"W	Cadiz	
5	Henry Law Farm Historic District		August 22, 2002 (#02000882 ( <a href="http://focus.nps.gov/AssetDetail/NRIS/02000882">http://focus.nps.gov/AssetDetail/NRIS/02000882</a> ))	87675 Reed Rd. 40°22'25"N 81°14'22"W	Monroe Township	
6	Ourant's School		March 17, 1994 (#94000241 ( <a href="http://focus.nps.gov/AssetDetail/NRIS/94000241">http://focus.nps.gov/AssetDetail/NRIS/94000241</a> ))	Ourant Rd. west of Cadiz 40°17'14"N 81°07'36"W	Nottingham Township	
7	John Reaves House		July 15, 1977 (#77001068 ( <a href="http://focus.nps.gov/AssetDetail/NRIS/77001068">http://focus.nps.gov/AssetDetail/NRIS/77001068</a> ))	Public Sq. 40°12'37"N 81°16'04"W	Freeport	

## See also

- List of National Historic Landmarks in Ohio
- National Register of Historic Places listings in Ohio

## References

- The latitude and longitude information provided in this table was derived originally from the National Register Information System, which has been found to be fairly accurate for about 99% of listings. For about 1% of NRIS original coordinates, experience has shown that one or both coordinates are typos or otherwise extremely far off; some corrections may have been made. A more subtle problem causes many locations to be off by up to 150 yards, depending on location in the country: most NRIS coordinates were derived from tracing out latitude and longitudes off of USGS topographical quadrant maps created under the North American Datum of 1927 (<http://www.ngs.noaa.gov/TOOLS/Nadcon/Nadcon.htm>)



Wikimedia Commons has media related to *National Register of Historic Places in Harrison County, Ohio*.

l), which differs from the current, highly accurate WGS84 GPS system used by most on-line maps. Chicago is about right, but NRIS longitudes in Washington are higher by about 4.5 seconds, and are lower by about 2.0 seconds in Maine. Latitudes differ by about 1.0 second in Florida. Some locations in this table may have been corrected to current GPS standards.

2. "National Register of Historic Places: Weekly List Actions" (<http://www.cr.nps.gov/nr/nrlist.htm>). National Park Service, United States Department of the Interior. Retrieved on January 27, 2017.
3. Numbers represent an ordering by significant words. Various colorings, defined here, differentiate National Historic Landmarks and historic districts from other NRHP buildings, structures, sites or objects.
4. National Park Service (2008-04-24). "National Register Information System". *National Register of Historic Places*. National Park Service.
5. The eight-digit number below each date is the number assigned to each location in the National Register Information System database, which can be viewed by clicking the number.

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Categories: National Register of Historic Places in Harrison County, Ohio  
| Lists of National Register of Historic Places in Ohio by county

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# National Register of Historic Places

Digital Archive on NPGallery

*enter keyword or phrase*

All Words

**Search All Assets »**

Your search returned 7 results, Showing page 1 of 1, Items 1 through 7

List View ▾

Photos	Text	Name
		Deersville Historic Distirct
<a href="/NRHP/AssetDetail?assetID=2e82424b-730b-462c-8301-0c7fc9b88c5f">{/NRHP/AssetDetail?assetID=2e82424b-730b-462c-8301-0c7fc9b88c5f}</a>	<a href="/NRHP/AssetDetail?assetID=259fbcb6-365c-4ac9-b693-da446bd7f738">{/NRHP/AssetDetail?assetID=259fbcb6-365c-4ac9-b693-da446bd7f738}</a>	
		Franklin College Building No. 5
<a href="/NRHP/AssetDetail?assetID=70c9eb8d-e9b1-462c-bfba-b7ba4994e481">{/NRHP/AssetDetail?assetID=70c9eb8d-e9b1-462c-bfba-b7ba4994e481}</a>	<a href="/NRHP/AssetDetail?assetID=5ba890c5-e1ab-4f12-9274-541e1ef63169">{/NRHP/AssetDetail?assetID=5ba890c5-e1ab-4f12-9274-541e1ef63169}</a>	
		Harrison County Courthouse
<a href="/NRHP/AssetDetail?assetID=e33580f2-890d-4afa-aecd-e31996a551c8">{/NRHP/AssetDetail?assetID=e33580f2-890d-4afa-aecd-e31996a551c8}</a>	<a href="/NRHP/AssetDetail?assetID=fb7d328a-a5cc-4d68-bfe3-cd831185f19f">{/NRHP/AssetDetail?assetID=fb7d328a-a5cc-4d68-bfe3-cd831185f19f}</a>	
		Harrison National Bank
<a href="/NRHP/AssetDetail?assetID=f4925f75-8824-4ad0-8807-9ac4309ff7d2">{/NRHP/AssetDetail?assetID=f4925f75-8824-4ad0-8807-9ac4309ff7d2}</a>	<a href="/NRHP/AssetDetail?assetID=ff6d1e87-3715-4c7a-8ac3-73568fb99451">{/NRHP/AssetDetail?assetID=ff6d1e87-3715-4c7a-8ac3-73568fb99451}</a>	



Law, Henry, Farm Historic District

(/NRHP/AssetDetail? assetID=f1563d15-5ea0-4df2-assetID=511e19e2-e360-9d11-f588f9fafd4c) (/NRHP/AssetDetail? assetID=511e19e2-e360-4ae8-962e-9c8c749b7b19)



Ourant's School

(/NRHP/AssetDetail? assetID=d072c548-3992-4864-82ff-f69de670964a) (/NRHP/AssetDetail? assetID=0546697c-e7b3-45aa-8b9d-4b3c7bf427dd)



Reaves, John, House

(/NRHP/AssetDetail? assetID=c4f2e970-9454-442c-assetID=ac4066d7-4d2a-a933-b18becae98ff) (/NRHP/AssetDetail? assetID=ac4066d7-4d2a-46c2-b999-ca23fd0ba2c)

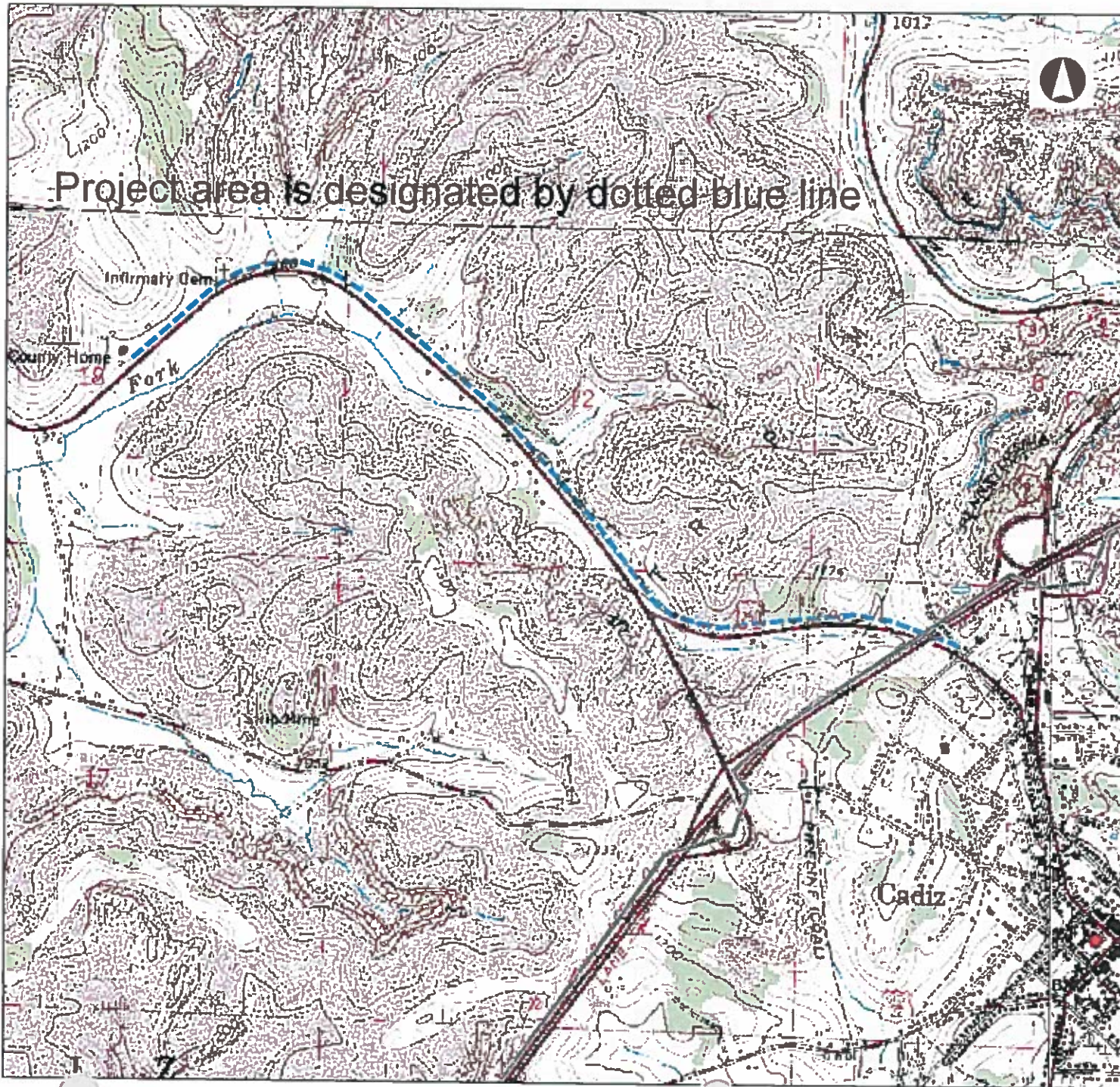
List View ▾

FREQUENTLY ASKED QUESTIONS (<https://www.nps.gov/aboutus/faqs.htm>)  
WEBSITE POLICIES (<https://www.nps.gov/aboutus/website-policies.htm>)  
CONTACT US (<http://www.nps.gov/aboutus/contactus.htm>)  
USA GOV (<http://www.usa.gov/>)

National Park Service (<http://www.nps.gov>)  
U.S. Department of the Interior (<http://www.doi.gov>)







**Legend**

- NR Public Listings**
- Listed
- ⊙ National Historic Landmark
- ✕ De-listed
- ★ OHC Sites
- Dams
- UTM Zone Split
- National Road**
- I-70
- National Road - Route 40
- Old National Road
- Highways
- Cities
- Counties
- NPS Parks
- Wayne National Forest

0 0.34 0.68 Miles

1: 26,892

**Copyright/Disclaimer**

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Datum: [Datum]  
 Projection: WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere



# Floodplains

Based on mapping from the FEMA Flood Map Service Center, no part of the project area is in a flood plain.

This section includes:

- All floodplain correspondence
- Floodplain maps

## **Trina Woodland**

---

**From:** Trina Woodland  
**Sent:** Tuesday, February 14, 2017 1:48 PM  
**To:** Robert Sterling (rsterling@harrisoncountyohio.org)  
**Subject:** Flood Plain Letter needed

Hi Rob,

In your capacity as Floodplain Administrator for Harrison County, could you please provide a letter stating that the Harrison County Home project site and pipeline route are not in a floodplain? I am required to provide this for the environmental review.

Please let me know if you have any questions.

Thank you,

***Trina Woodland***

Community Development Specialist

OMEGA

326 Highland Avenue, Suite B

Cambridge, OH

(740) 439-4471, Ext. 201

trinaw@omegadistrict.org

HARRISON COUNTY  
ENGINEER'S OFFICE

OFFICE 740.942.8867 • FAX 740.942.3034

100 V. Market St., Cadiz, OH 43907



ROBERT K. STERLING, P.E., P.S.  
Harrison County Engineer  
rsterling@harrisoncountyohio.org

DOUG BACHMAN, P.E.  
Assistant Engineer  
dbachman@harrisoncountyohio.org

March 7, 2017

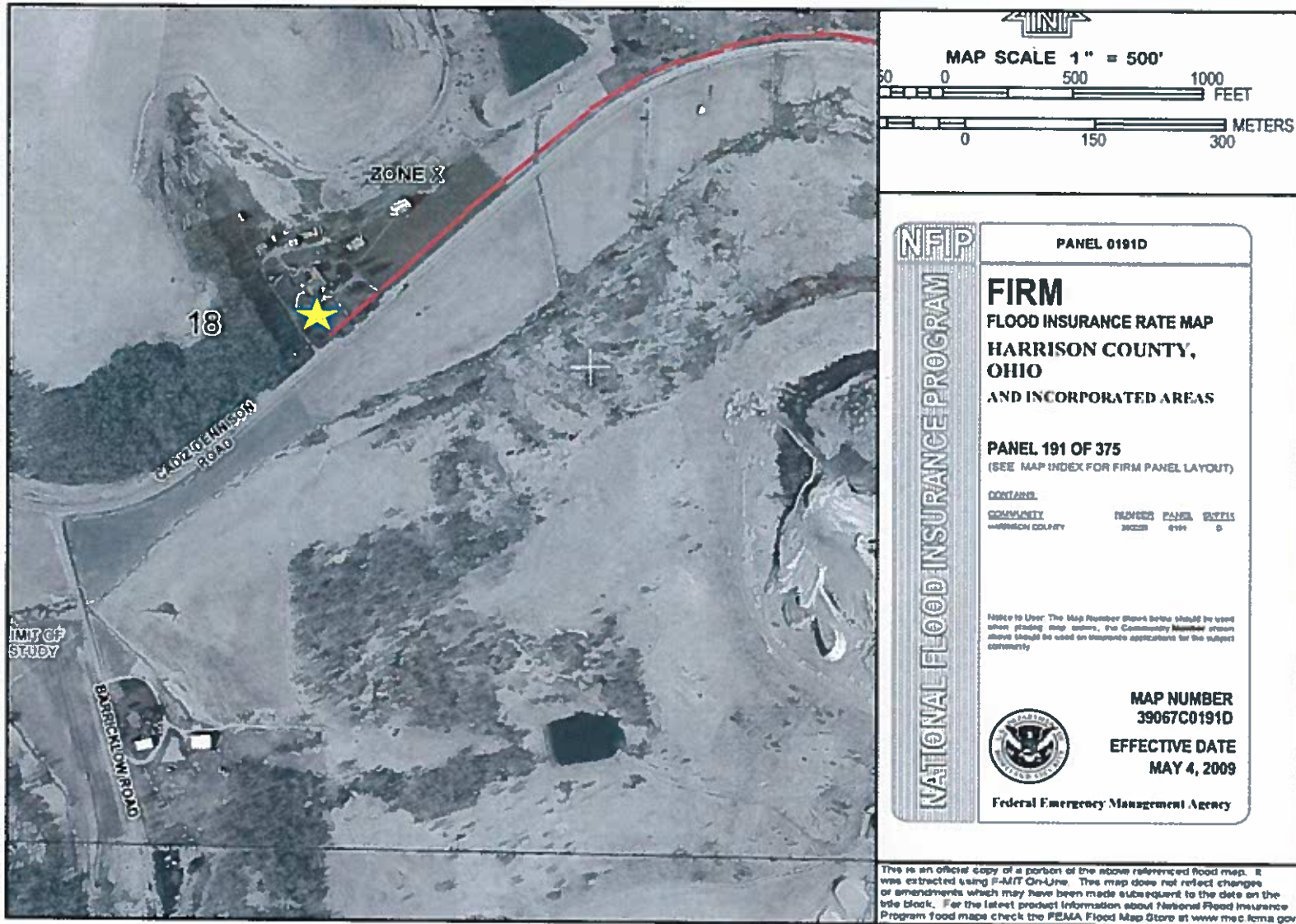
To Whom It May Concern:

The Harrison County Water and Sewer District is planning a project to convey wastewater from the Harrison County Home, located in Cadiz Township to the Village of Cadiz municipal sanitary sewer system for treatment and disposal. This will involve installation of a wastewater pumping station and approximately 12,500 lineal feet of pressure sewer, all within the right-of-way of U.S. Route 250 (north side) and Harrison County Road 11 (west side). Both the pump station and pressure sewer are located in Flood Zone X and not with the 100-year flood plain.

A handwritten signature in blue ink that reads "Robert K. Sterling".

Robert K. Sterling, PE., PS  
Harrison County Engineer  
Local Floodplain Administrator

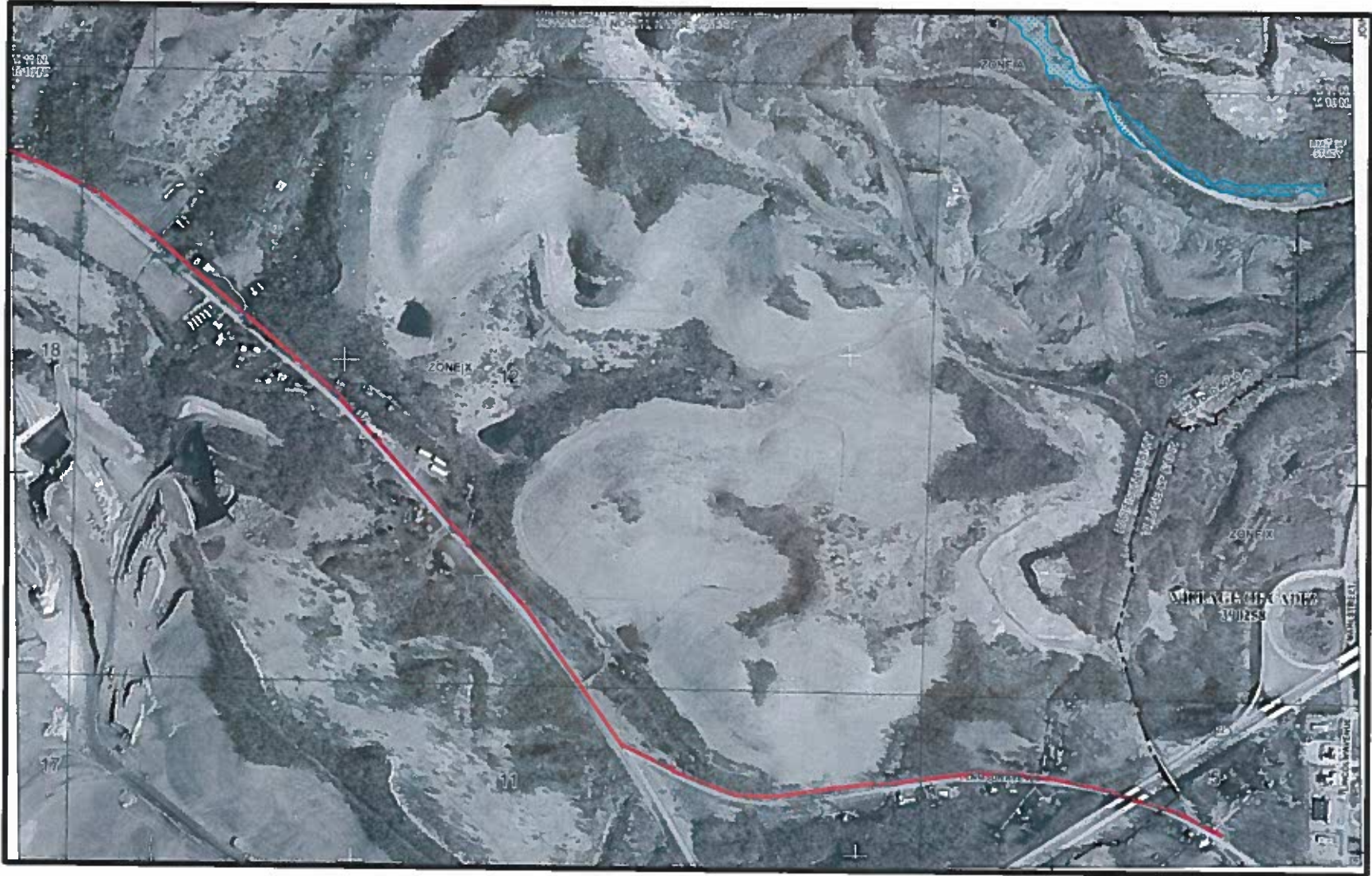
# Harrison County Wastewater Treatment System – County Home Site Floodplain Map – Western Half of Project Site




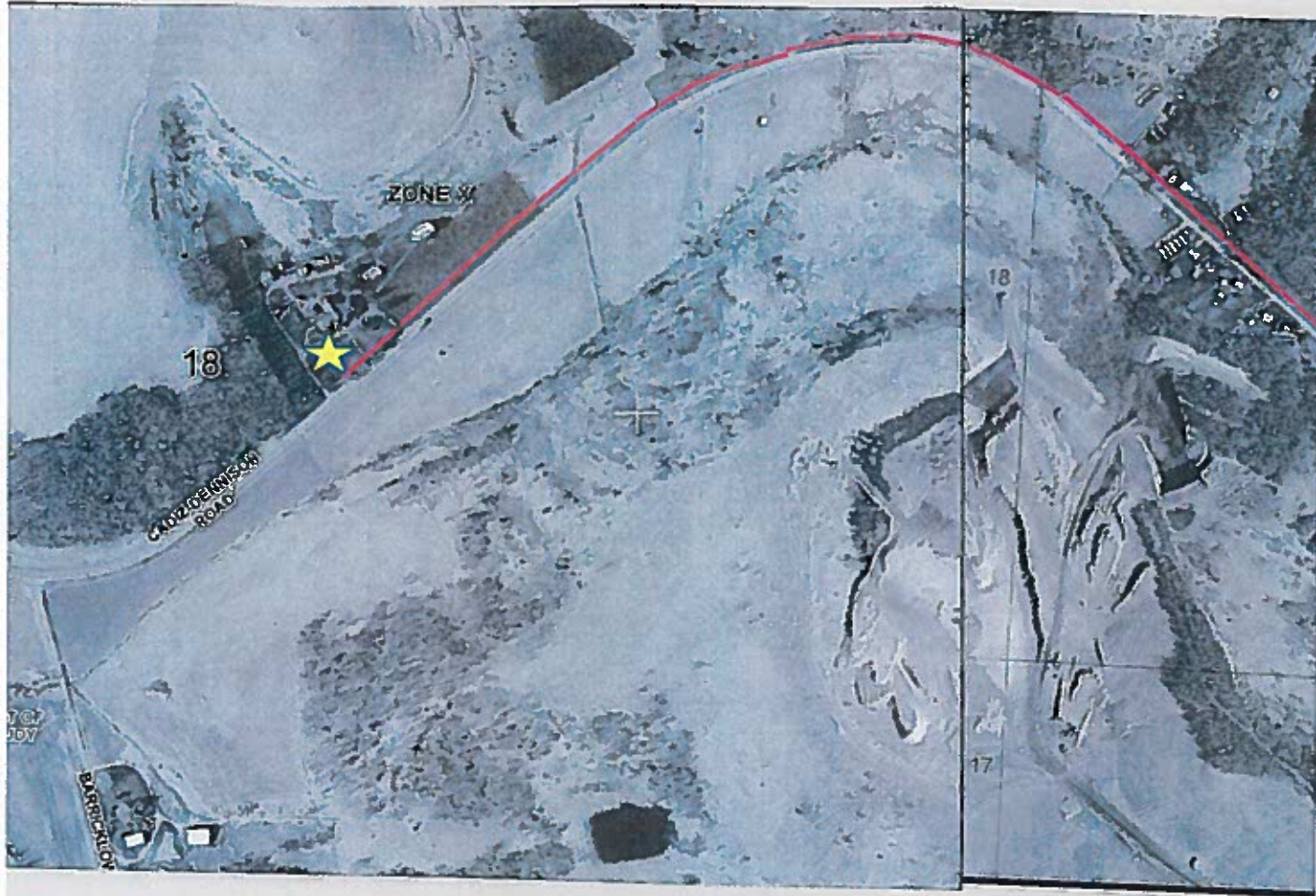
Harrison County Home = 

Project Route = 

# Harrison County Wastewater Treatment System Floodplain Map – Eastern Side of Project Area



Project Area = 



390255

T. 41 N.  
T. 10 N.

ZONE X

18

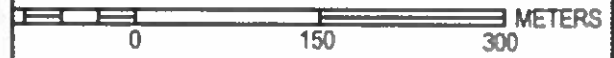
CADIZ DENNISON  
ROAD

IT OF  
UBY

BARBIC



MAP SCALE 1" = 500'



NIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0191D

**FIRM**  
FLOOD INSURANCE RATE MAP  
HARRISON COUNTY,  
OHIO  
AND INCORPORATED AREAS

PANEL 191 OF 375  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SHEET
HARRISON COUNTY	390255	0191	D

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



MAP NUMBER  
39067C0191D

EFFECTIVE DATE  
MAY 4, 2009

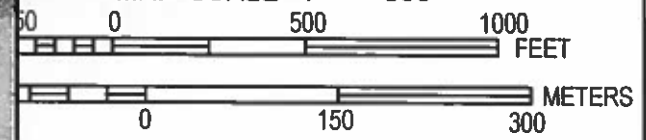
Federal Emergency Management Agency

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





MAP SCALE 1" = 500'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0192D

**FIRM**  
 FLOOD INSURANCE RATE MAP  
 HARRISON COUNTY,  
 OHIO  
 AND INCORPORATED AREAS

**PANEL 192 OF 375**  
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
CADIZ, VILLAGE OF	390258	0192	D
HARRISON COUNTY	390255	0192	D

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

**MAP NUMBER**  
 39067C0192D



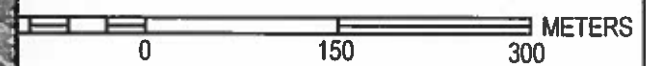
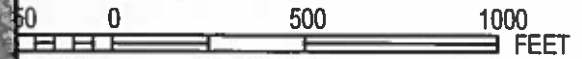
**EFFECTIVE DATE**  
 MAY 4, 2009

Federal Emergency Management Agency

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



MAP SCALE 1" = 500'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0192D

**FIRM**  
**FLOOD INSURANCE RATE MAP**  
**HARRISON COUNTY,**  
**OHIO**  
**AND INCORPORATED AREAS**

**PANEL 192 OF 375**  
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS:**

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

**MAP NUMBER**  
**39067C0192D**



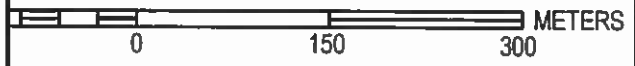
**EFFECTIVE DATE**  
**MAY 4, 2009**

**Federal Emergency Management Agency**

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



MAP SCALE 1" = 500'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0192D

**FIRM**  
**FLOOD INSURANCE RATE MAP**  
**HARRISON COUNTY,**  
**OHIO**  
**AND INCORPORATED AREAS**

**PANEL 192 OF 375**  
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

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**MAP NUMBER**  
**39067C0192D**

**EFFECTIVE DATE**  
**MAY 4, 2009**



Federal Emergency Management Agency

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

## Wetland Protection

This section includes:

- Correspondence with the following agencies:
  - Natural Resources Conservation Service (USDA)
  - U.S. Army Corp of Engineers
  - Ohio Department of Natural Resources
- Farmland Conversion Impact Rating
- Soil Map and data for Harrison County
- Marked soil map showing project area
- Web Soil Survey documents
- Wetland Map
- Marked wetland map showing project area

## Trina Woodland

---

**From:** Baker, Steven - NRCS, Columbus, OH  
**Sent:** Thursday, February 16, 2017 11:19 AM  
**To:** Trina Woodland  
**Subject:** RE: Request for assistance with environmental review re: hydric soils  
**Attachments:** CadizSewerAD1006.pdf

Hi Trina,

Attached is the Prime Farmland review. You just need to fill out Part I for your project info then keep this with your files as proof you did your prime farmland check with us.

Thanks,

Steve

---

**From:** Trina Woodland [mailto:trinaw@omegadistrict.org]  
**Sent:** Wednesday, February 15, 2017 12:21 PM  
**To:** Baker, Steven - NRCS, Columbus, OH <Steven.Baker@oh.usda.gov>  
**Cc:** Jeannette Wierzbiki <jeannettew@omegadistrict.org>  
**Subject:** Request for assistance with environmental review re: hydric soils

Dear Mr. Baker:

OMEGA is the Local Development District that serves Harrison County, and as such we are conducting an environmental review for a CDBG Critical Infrastructure project for the Harrison County Board of Commissioners. The proposed project is to decommission the wastewater treatment plant that currently serves the Harrison County Home, ( a 33-bed facility serving the elderly) located at 42235 Cadiz-Dennison Road, Cadiz, Ohio. A dual pumping station will be installed at the County Home property and 12,100 linear feet of 4-inch HDPE force main will be installed on the north side of US 250 and CR 11 (within the existing right-of-way) where it will then tie into the Village of Cadiz's wastewater system at the intersection of Brokaw and Dennison Avenue on the western edge of the Village of Cadiz. There is a raw water line already installed along this route. The County owns the Home and has indicated that the right-of-way is 60' for the involved roadways.

As part of the environmental review, we are required to conduct a soil survey. Based on the soils map that was retrieved from USDA's Web Soil Survey site, there are three hydric soils present in the project area. I have attached a copy of the soils map and soils data, and circled the codes that indicate the presence of hydric soils. I have also indicated the site of the Harrison County Home and the project area route into the Village of Cadiz. Please refer to the map key in the bottom right hand corner for an explanation of added map symbols.

I am requesting assistance with how to proceed based on the presence of hydric soils in the project area. Please let me know if you need clarification on anything.

I will appreciate any guidance you can provide.

Sincerely,

## Trina Woodland

---

**From:** Jeannette Wierzbicki  
**Sent:** Friday, February 24, 2017 11:11 AM  
**To:** Trina Woodland  
**Subject:** RE: Requesting wetland evaluation

Thanks Trina. I will follow-up with Rob Sterling on Monday.

Jeannette

---

**From:** Trina Woodland [mailto:[trinaw@omegadistrict.org](mailto:trinaw@omegadistrict.org)]  
**Sent:** Friday, February 24, 2017 10:59 AM  
**To:** Jeannette Wierzbicki  
**Subject:** FW: Requesting wetland evaluation

## *Trina Woodland*

Community Development Specialist  
OMEGA  
326 Highland Avenue, Suite B  
Cambridge, OH  
(740) 439-4471, Ext. 201  
[trinaw@omegadistrict.org](mailto:trinaw@omegadistrict.org)

---

**From:** [maggie.selbe@epa.ohio.gov](mailto:maggie.selbe@epa.ohio.gov) [mailto:[maggie.selbe@epa.ohio.gov](mailto:maggie.selbe@epa.ohio.gov)]  
**Sent:** Thursday, February 23, 2017 1:39 PM  
**To:** Trina Woodland <[trinaw@omegadistrict.org](mailto:trinaw@omegadistrict.org)>  
**Cc:** [Laurie.Stevenson@epa.ohio.gov](mailto:Laurie.Stevenson@epa.ohio.gov); [Rachel.Taulbee@epa.ohio.gov](mailto:Rachel.Taulbee@epa.ohio.gov)  
**Subject:** RE: Requesting wetland evaluation

Hello, Ms. Woodland.

Thank you for reaching out to us early in project planning. The mapping that you have provided is a good starting point, but NWI mapping does not capture all wetlands and streams that may be present within a project area. To determine the amount and quality of streams and wetlands that will be impacted by the project the county will need to have a stream and wetland delineation performed.

While it is not a requirement that the county hire a professional, it is recommended that the person selected to perform the delineation should have knowledge of plants and soils. The Pittsburgh District of the Army Corps of Engineers has a list of consultants that operate in Ohio available on their website. I have attached it to this email, and it can be found at the following webpage: <http://www.lrp.usace.army.mil/Missions/Regulatory.aspx>

Once a delineation is performed it can be submitted to the Army Corps of Engineers so that they can verify the information. At that point it can be determined which water resources will be impacted, if any, and what type of permits are needed. Many water line and sewer line projects are covered through the Corps under Nationwide Permit 12.

***Trina Woodland***

Community Development Specialist

OMEGA

326 Highland Avenue, Suite B

Cambridge, OH

(740) 439-4471, Ext. 201

[trinaw@omegadistrict.org](mailto:trinaw@omegadistrict.org)

## FARMLAND CONVERSION IMPACT RATING

<b>PART I</b> (To be completed by Federal Agency)		Date Of Land Evaluation Request <b>2/15/17</b>			
Name of Project <b>Harrison County Home Wastewater Treatment Plant</b>		Federal Agency Involved <b>HUD</b>			
Proposed Land Use <b>Install pumping station and pipeline</b>		County and State <b>county and state: Harrison Co., Ohio</b>			
<b>PART II</b> (To be completed by NRCS)		Date Request Received By NRCS <b>2/15/17</b>		Person Completing Form: <b>Steve Baker</b>	
Does the site contain Prime, Unique, Statewide or Local Important Farmland? <i>(If no, the FPPA does not apply - do not complete additional parts of this form)</i>		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		Acres Irrigated	
Major Crop(s)		Farmable Land In Govt. Jurisdiction Acres:            %		Average Farm Size	
Name of Land Evaluation System Used		Name of State or Local Site Assessment System		Date Land Evaluation Returned by NRCS <b>2/16/17</b>	
<b>PART III</b> (To be completed by Federal Agency)		Alternative Site Rating			
		Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly					
B. Total Acres To Be Converted Indirectly					
C. Total Acres In Site					
<b>PART IV</b> (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland					
B. Total Acres Statewide Important or Local Important Farmland					
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted					
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
<b>PART V</b> (To be completed by NRCS) Land Evaluation Criterion Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)					
<b>PART VI</b> (To be completed by Federal Agency) Site Assessment Criteria <i>(Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)</i>		Maximum Points	Site A	Site B	Site C
1. Area In Non-urban Use		(15)			
2. Perimeter In Non-urban Use		(10)			
3. Percent Of Site Being Farmed		(20)			
4. Protection Provided By State and Local Government		(20)			
5. Distance From Urban Built-up Area		(15)			
6. Distance To Urban Support Services		(15)			
7. Size Of Present Farm Unit Compared To Average		(10)			
8. Creation Of Non-farmable Farmland		(10)			
9. Availability Of Farm Support Services		(5)			
10. On-Farm Investments		(20)			
11. Effects Of Conversion On Farm Support Services		(10)			
12. Compatibility With Existing Agricultural Use		(10)			
<b>TOTAL SITE ASSESSMENT POINTS</b>		<b>160</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PART VII</b> (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100	0	0	0
Total Site Assessment (From Part VI above or local site assessment)		160	0	0	0
<b>TOTAL POINTS (Total of above 2 lines)</b>		<b>260</b>	<b>0</b>	<b>0</b>	<b>0</b>
Site Selected:		Date Of Selection		Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>	
Reason For Selection: <b>NRCS Note: Not Subject to FPPA Work to take place in ROW and areas committed to urban development</b>					
Name of Federal agency representative completing this form: <b>Trina Woodland - OMEGA</b>				Date: <b>2/16/17</b>	



## STEPS IN THE PROCESSING THE FARMLAND AND CONVERSION IMPACT RATING FORM

- Step 1 - Federal agencies (or Federally funded projects) involved in proposed projects that may convert farmland, as defined in the Farmland Protection Policy Act (FPPA) to nonagricultural uses, will initially complete Parts I and III of the form. For Corridor type projects, the Federal agency shall use form NRCS-CPA-106 in place of form AD-1006. The Land Evaluation and Site Assessment (LESA) process may also be accessed by visiting the FPPA website, <http://fppa.nrcs.usda.gov/lesn/>.
- Step 2 - Originator (Federal Agency) will send one original copy of the form together with appropriate scaled maps indicating location(s) of project site(s), to the Natural Resources Conservation Service (NRCS) local Field Office or USDA Service Center and retain a copy for their files. (NRCS has offices in most counties in the U.S. The USDA Office Information Locator may be found at [http://offices.usda.gov/scripts/ndISAPI.dll/oip\\_public/USA\\_map](http://offices.usda.gov/scripts/ndISAPI.dll/oip_public/USA_map), or the offices can usually be found in the Phone Book under U.S. Government, Department of Agriculture. A list of field offices is available from the NRCS State Conservationist and State Office in each State.)
- Step 3 - NRCS will, within 10 working days after receipt of the completed form, make a determination as to whether the site(s) of the proposed project contains prime, unique, statewide or local important farmland. (When a site visit or land evaluation system design is needed, NRCS will respond within 30 working days.
- Step 4 - For sites where farmland covered by the FPPA will be converted by the proposed project, NRCS will complete Parts II, IV and V of the form.
- Step 5 - NRCS will return the original copy of the form to the Federal agency involved in the project, and retain a file copy for NRCS records.
- Step 6 - The Federal agency involved in the proposed project will complete Parts VI and VII of the form and return the form with the final selected site to the servicing NRCS office.
- Step 7 - The Federal agency providing financial or technical assistance to the proposed project will make a determination as to whether the proposed conversion is consistent with the FPPA.

## INSTRUCTIONS FOR COMPLETING THE FARMLAND CONVERSION IMPACT RATING FORM

(For Federal Agency)

**Part I:** When completing the "County and State" questions, list all the local governments that are responsible for local land use controls where site(s) are to be evaluated.

**Part III:** When completing item B (Total Acres To Be Converted Indirectly), include the following:

1. Acres not being directly converted but that would no longer be capable of being farmed after the conversion, because the conversion would restrict access to them or other major change in the ability to use the land for agriculture.
2. Acres planned to receive services from an infrastructure project as indicated in the project justification (e.g. highways, utilities planned build out capacity) that will cause a direct conversion.

**Part VI:** Do not complete Part VI using the standard format if a State or Local site assessment is used. With local and NRCS assistance, use the local Land Evaluation and Site Assessment (LESA).

1. Assign the maximum points for each site assessment criterion as shown in § 658.5(b) of CFR. In cases of corridor-type project such as transportation, power line and flood control, criteria #5 and #6 will not apply and will, be weighted zero, however, criterion #8 will be weighed a maximum of 25 points and criterion #11 a maximum of 25 points.
2. Federal agencies may assign relative weights among the 12 site assessment criteria other than those shown on the FPPA rule after submitting individual agency FPPA policy for review and comment to NRCS. In all cases where other weights are assigned, relative adjustments must be made to maintain the maximum total points at 160. For project sites where the total points equal or exceed 160, consider alternative actions, as appropriate, that could reduce adverse impacts (e.g. Alternative Sites, Modifications or Mitigation).

**Part VII:** In computing the "Total Site Assessment Points" where a State or local site assessment is used and the total maximum number of points is other than 160, convert the site assessment points to a base of 160.

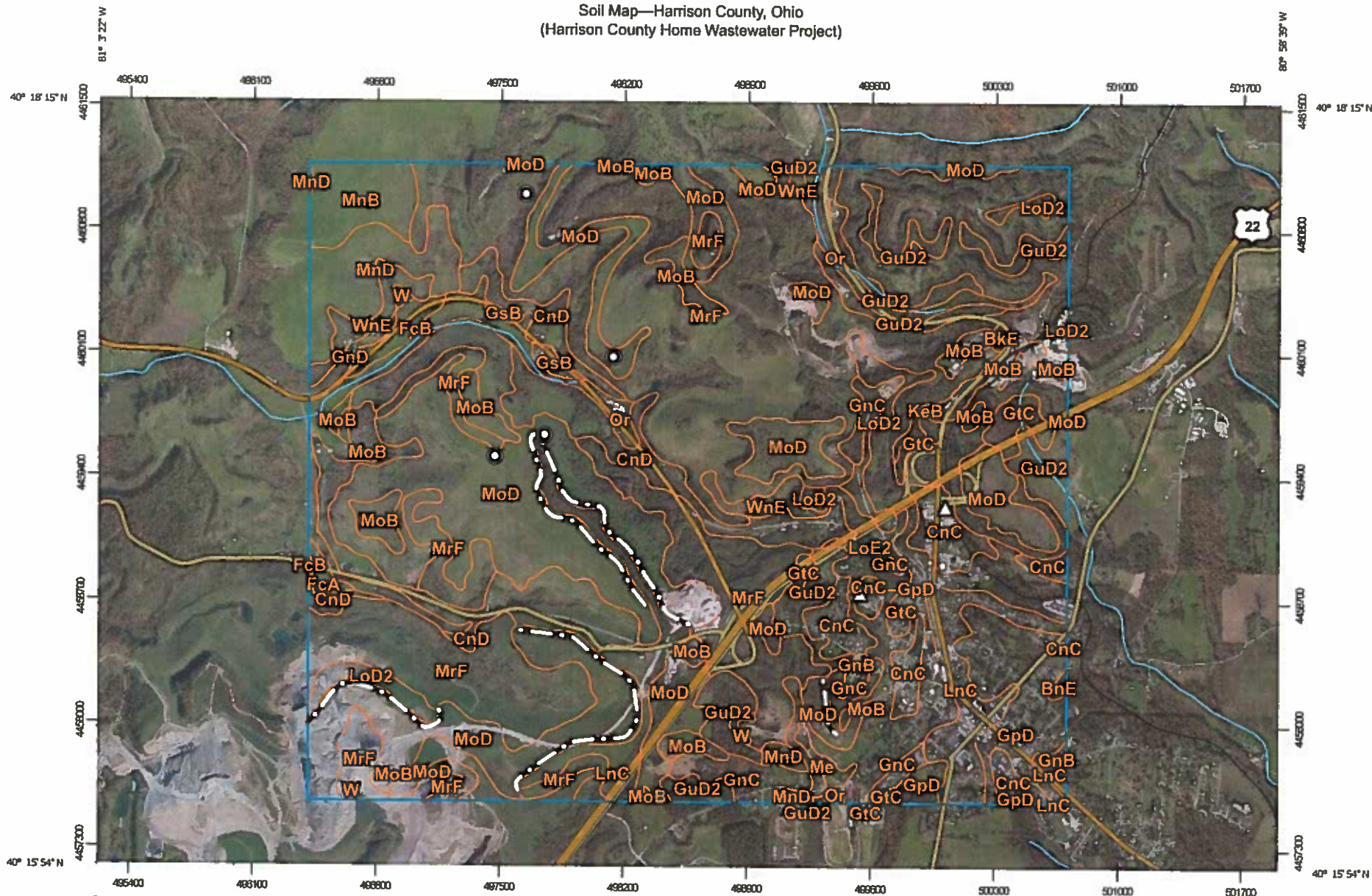
Example: if the Site Assessment maximum is 200 points, and the alternative Site "A" is rated 180 points:

$$\frac{\text{Total points assigned Site A}}{\text{Maximum points possible}} = \frac{180}{200} \times 160 = 144 \text{ points for Site A}$$

For assistance in completing this form or FPPA process, contact the local NRCS Field Office or USDA Service Center.

NRCS employees, consult the FPPA Manual and/or policy for additional instructions to complete the AD-1006 form.

Soil Map—Harrison County, Ohio  
(Harrison County Home Wastewater Project)



Map Scale: 1:30,600 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84







































Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

Soil Map—Harrison County, Ohio  
(Harrison County Home Wastewater Project)

**MAP LEGEND**

<b>Area of Interest (AOI)</b>		Area of Interest (AOI)		Spoil Area
<b>Soils</b>		Soil Map Unit Polygons		Stony Spot
		Soil Map Unit Lines		Very Stony Spot
		Soil Map Unit Points		Wet Spot
<b>Special Point Features</b>		Blowout		Other
		Borrow Pit		Special Line Features
		Clay Spot	<b>Water Features</b>	
		Closed Depression		Streams and Canals
		Gravel Pit	<b>Transportation</b>	
		Gravelly Spot		Rails
		Landfill		Interstate Highways
		Lava Flow		US Routes
		Marsh or swamp		Major Roads
		Mine or Quarry		Local Roads
		Miscellaneous Water	<b>Background</b>	
		Perennial Water		Aerial Photography
		Rock Outcrop		
		Saline Spot		
		Sandy Spot		
		Severely Eroded Spot		
		Sinkhole		
		Slide or Slip		
		Sodic Spot		

**MAP INFORMATION**

The soil surveys that comprise your AOI were mapped at 1:15,800.

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

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

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

Soil Survey Area: Harrison County, Ohio  
Survey Area Data: Version 14, Sep 19, 2016

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 27, 2011—Mar 14, 2012

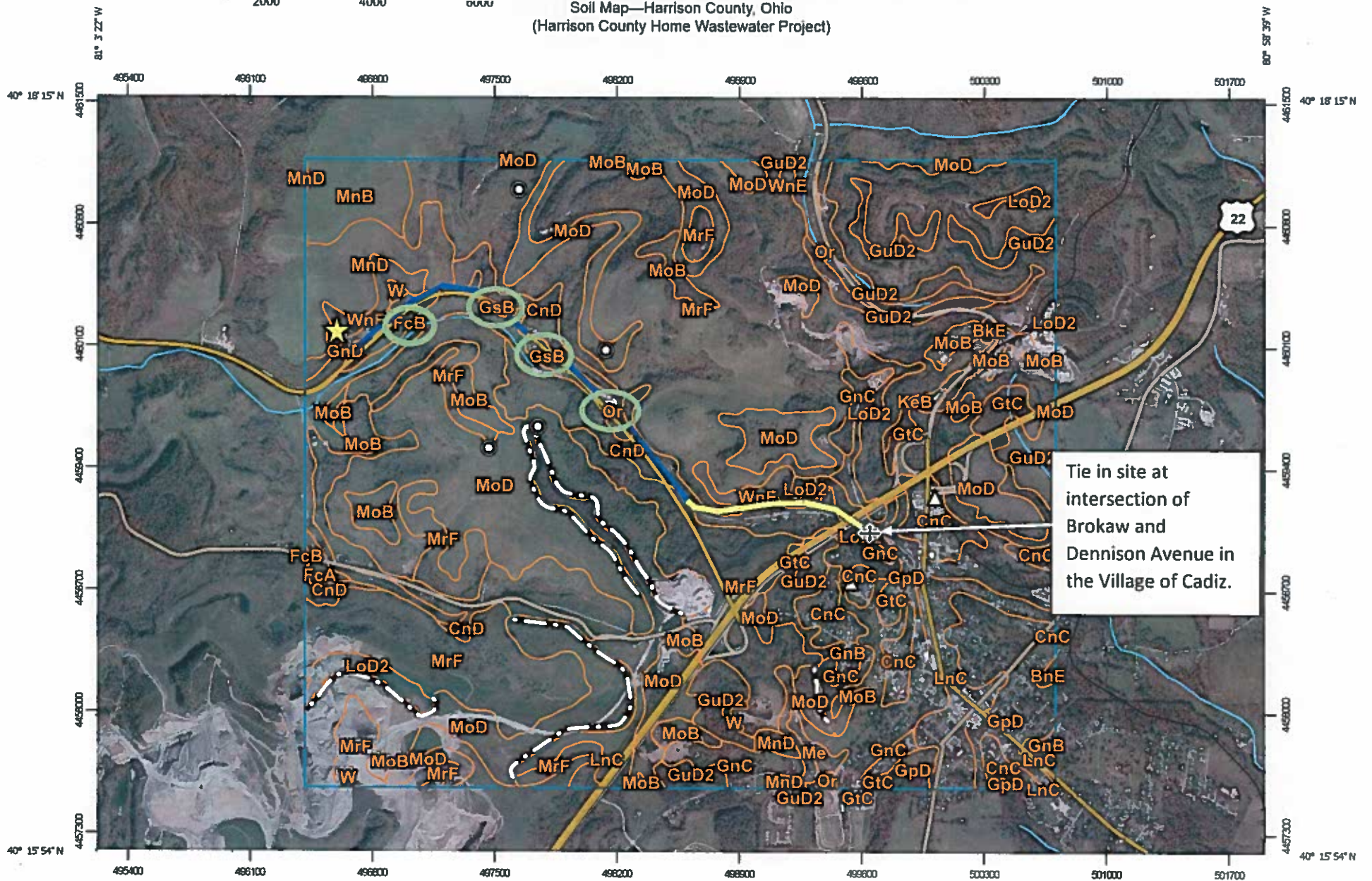
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

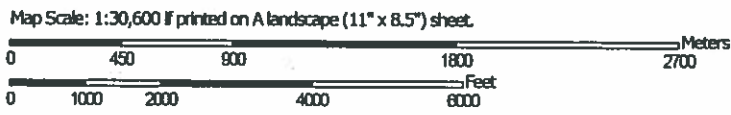
Harrison County, Ohio (OH067)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BkE	Berks channery silt loam, 25 to 35 percent slopes	2.7	0.1%
BnE	Berks-Guemsey complex, 25 to 40 percent slopes	2.5	0.1%
CnC	Coshocton silt loam, 6 to 15 percent slopes	104.1	2.7%
CnD	Coshocton silt loam, 15 to 25 percent slopes	249.2	6.5%
FcA	Fitchville silt loam, 0 to 3 percent slopes	8.2	0.2%
FcB	Fitchville silt loam, 3 to 8 percent slopes	18.7	0.5%
GnB	Gilpin silt loam, 3 to 8 percent slopes	9.8	0.3%
GnC	Gilpin silt loam, 8 to 15 percent slopes	69.1	1.8%
GnD	Gilpin silt loam, 15 to 25 percent slopes	11.1	0.3%
GpD	Gilpin-Lowell silt loams, 15 to 25 percent slopes	265.0	6.9%
GsB	Glenford silt loam, 3 to 8 percent slopes	9.7	0.3%
GtC	Guemsey silt loam, 8 to 15 percent slopes	42.7	1.1%
GuD2	Guemsey silty clay loam, 15 to 25 percent slopes, eroded	168.7	4.4%
KeB	Keene silt loam, 3 to 8 percent slopes	8.6	0.2%
LnC	Lowell silt loam, 8 to 15 percent slopes	155.5	4.0%
LoD2	Lowell silty clay loam, 15 to 25 percent slopes, eroded	61.1	1.6%
LoE2	Lowell silty clay loam, 25 to 40 percent slopes, eroded	33.1	0.9%
Me	Melvin silt loam, frequently ponded, 0 to 3 percent slopes	8.9	0.2%
MnB	Morristown silty clay loam, 0 to 8 percent slopes	60.7	1.6%
MnD	Morristown silty clay loam, 8 to 25 percent slopes	95.3	2.5%
MoB	Morristown channery silty clay loam, 0 to 8 percent slopes, stony	129.5	3.4%

Harrison County, Ohio (OH067)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MoD	Morristown channery silty clay loam, 8 to 25 percent slopes, stony	783.0	20.4%
MrF	Morristown channery silt loam, 25 to 70 percent slopes, bouldery	1,375.8	35.8%
Or	Orrville silt loam, 0 to 3 percent slopes, occasionally flooded	118.4	3.1%
W	Water	5.8	0.2%
WnE	Westmoreland-Dekalb complex, 25 to 40 percent slopes	47.6	1.2%
<b>Totals for Area of Interest</b>		<b>3,844.9</b>	<b>100.0%</b>

Soil Map—Harrison County, Ohio  
(Harrison County Home Wastewater Project)



Tie in site at intersection of Brokaw and Dennison Avenue in the Village of Cadiz.



- Harrison County Home = ★
- US 25 = [Blue line]
- CR 11 = [Yellow line]
- Hydric Soils = [Green circle]



View Soil Information By Use: All Uses

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Search

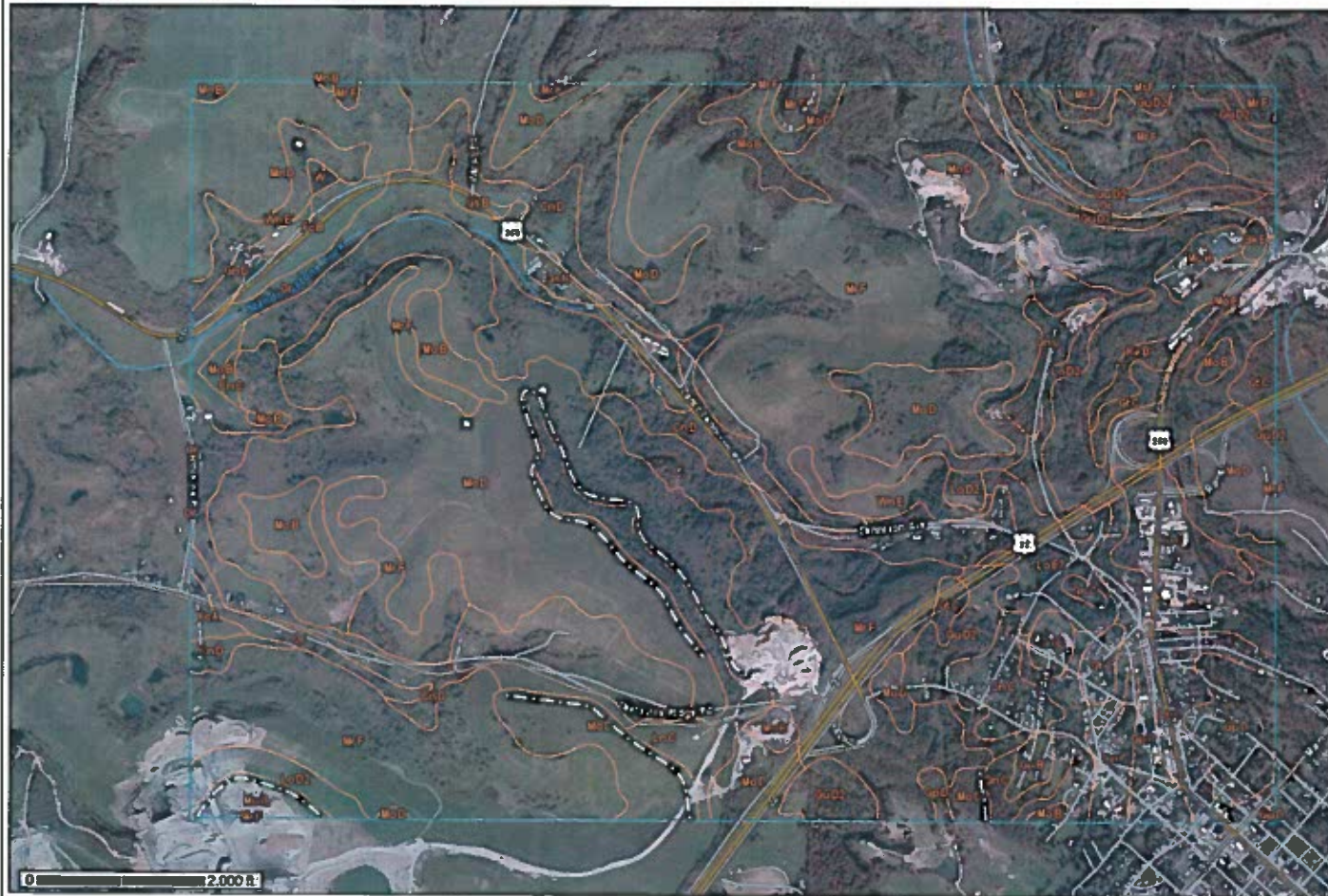
Soil Reports

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- Soil Health
- Soil Physical Properties**
  - Engineering Properties
  - Particle Size and Coarse Fragments
  - Physical Soil Properties
- Soil Qualities and Features**
  - Soil Features
  - Soil Locations
- Vegetative Productivity
- Waste Management
- Water Features**
  - Hydrologic Soil Group and Surface Runoff
    - [View Description](#) [View Soil Report](#)
  - Options
    - Include minor soils?
    - [View Description](#) [View Soil Report](#)
  - Water Features
  - Water Management

Soil Map

Scale: (not to scale)



Report — Hydrologic Soil Group and Surface Runoff

Absence of an entry indicates that the data were not estimated. The dash indicates no documented presence.

Harrison County, Ohio

Map symbol and soil name	Pct. of map unit	Surface Runoff	Hydrologic Soil Group
BkE—Berks channery silt loam, 25 to 35 percent slopes			

<a href="#">View Description</a>	<a href="#">View Soil Report</a>
Hydric Soils	
Land Capability Classification	
NCCPI Overall	
NCCPI Submodels	
Prime and other Important Farmlands	
Taxonomic Classification of the Soils	
<b>Land Management</b>	
Forestland Harvesting Activities (OH)	
Forestland Management (OH)	
Forestland Regeneration Activities (OH)	
<b>Recreational Development</b>	
Camp Areas, Picnic Areas, and Playgrounds (OH)	
Paths, Trails, and Golf Fairways (OH)	
<b>Sanitary Facilities</b>	
Landfills (OH)	
Sewage Disposal (OH)	
<b>Soil Chemical Properties</b>	
Chemical Soil Properties	
<b>Soil Erosion</b>	
Conservation Planning	
RUSLE2 Related Attributes	
Windbreaks and Environmental Plantings	
<b>Soil Health</b>	
Soil Health - Bulk Density and Texture	
Soil Health - Organic Matter	
<b>Soil Physical Properties</b>	
Engineering Properties	
Particle Size and Coarse Fragments	
Physical Soil Properties	
<b>Soil Qualities and Features</b>	
Soil Features	
Soil Locations	
<b>Vegetative Productivity</b>	
Forestland Productivity	
Map Unit Productivity Index (MO)	
Map Unit Productivity Index (OH)	
Nonirrigated Yields by Map Unit	
Rangeland and Forest Vegetation Classification, Productivity, and Plant Composition	
<b>Waste Management</b>	
Agricultural Disposal of Wastewater by Irrigation and Overland Flow	
Agricultural Disposal of Wastewater by Rapid Infiltration and Slow Rate Treatment	

**OH067-Harrison County, Ohio**

	Weikert	0-10	Hillslopes	No	--
	Guemsey	0-10	Hillslopes	No	--
CnC: Coshocton silt loam, 6 to 15 percent slopes	Coshocton	85	Hills	No	--
	Gilpin	5	Hills	--	--
	Guemsey	5	Hills	--	--
	Keene	5	Hills	--	--
	well drained soils	--	--	--	--
CnD: Coshocton silt loam, 15 to 25 percent slopes	Coshocton	85	Hills	No	--
	Gilpin	8	Hills	--	--
	Guemsey	7	Hills	--	--
	better drained soils	--	--	--	--
FcA: Fitchville silt loam, 0 to 3 percent slopes	Fitchville	80-90	Terraces	No	--
	Glenford	5-15	Terraces	No	--
	Sebring	0-10	Terraces	Yes	2,3
FcB: Fitchville silt loam, 3 to 8 percent slopes	Fitchville	80-90	Terraces	No	--
	Glenford	5-15	Terraces	No	--
	Sebring	0-10	Terraces	Yes	2,3
GnB: Gilpin silt loam, 3 to 8 percent slopes	Gilpin	75-100	Ridges	No	--
	Coolville	0-10	Ridges	No	--
	Berks	0-15	Ridges	No	--
	Coshocton	0-10	Ridges	No	--
GnC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	70-100	Ridges	No	--
	Upshur	0-20	Ridges	No	--
	Berks	0-15	Ridges	No	--
	Coshocton	0-15	Ridges	No	--
GnD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	70-100	Hillslopes	No	--
	Coolville	0-10	Hillslopes	No	--
	Berks	0-15	Hillslopes	No	--
	Coshocton	0-15	Hillslopes	No	--
GpD: Gilpin-Lowell silt loams, 15 to 25 percent slopes	Gilpin	50-60	Hillslopes	No	--
	Lowell	30-40	Hillslopes	No	--
	Berks	0-15	Hillslopes	No	--
GsB: Glenford silt loam, 3 to 8 percent slopes	Glenford	75-95	Terraces	No	--
	Fitchville	0-20	Terraces	No	--
	Sebring	0-10	Terraces	Yes	2,3
GtC: Guemsey silt loam, 8 to 15 percent slopes	Guemsey	80-100	Hills	No	--
	Westmoreland	4-10	Hills	No	--
	Berks	4-5	Hills	No	--
	Coshocton	4-5	Ridges	No	--
GuD2: Guemsey silty clay loam, 15 to 25 percent slopes, eroded	Guemsey	85	Hills	No	--
	Berks	5	Hills	--	--
	Gilpin	5	Hills	--	--



Agricultural Manure and Sewage Sludge Disposal (OH)
Large Animal Carcass Disposal
Vegetated Filter Group (OH)
<b>Water Features</b>
Hydrologic Soil Group and Surface Runoff
Water Features
<b>Water Management</b>
Irrigation - General and Sprinkler
Irrigation - Micro
Irrigation - Surface
Ponds and Embankments (OH)
Waterways, Terraces and Diversions, and Drainage (OH)

**OH067-Harrison County, Ohio**

	Upshur	5	Hills	--	--
	silt loam surface layer		--	--	--
KeB: Keene silt loam, 3 to 8 percent slopes	Keene	80-100	Ridges	No	--
	Gilpin	0-20	Ridges	No	--
LnC: Lowell silt loam, 8 to 15 percent slopes	Lowell	80-90	Hills	No	--
	Culleoka	5-20	Hills	No	--
	Guernsey	5-20	Hills	No	--
LoD2: Lowell silty clay loam, 15 to 25 percent slopes, eroded	Lowell	75-90	Hills	No	--
	Culleoka	5-25	Hills	No	--
	Guernsey	5-25	Hillslopes	No	--
LoE2: Lowell silty clay loam, 25 to 40 percent slopes, eroded	Lowell	85	Hills	No	--
	Berks	8	Hills	--	--
	Westmoreland	7	Hills	--	--
	carbonates in the subsoil		--	--	--
	moderately well drained soils		--	--	--
MnB: Morrystown silty clay loam, 0 to 8 percent slopes	Morrystown-Unstable fill	90-100	Ridges	No	--
	Fairpoint-Unstable fill	0-10	Ridges	No	--
MnD: Morrystown silty clay loam, 8 to 25 percent slopes	Morrystown-Unstable fill	90-100	Hillslopes	No	--
	Fairpoint-Unstable fill	0-10	Hillslopes	No	--
	Water	0-5	--	--	--
	Rock outcrop	0-5	--	--	--
MoB: Morrystown channery silty clay loam, 0 to 8 percent slopes, stony	Morrystown-Unstable fill	80-100	Ridges	No	--
	Unnamed-Hydric	0-10	Ridges	Yes	3
	Fairpoint-Unstable fill	0-10	Ridges	No	--
MoD: Morrystown channery silty clay loam, 8 to 25 percent slopes, stony	Morrystown-Unstable fill	75-100	Hillslopes	No	--
	Unnamed-Hydric	0-10	Ridges	Yes	3
	Water	0-5	--	--	--
	Fairpoint-Unstable fill	0-15	Hillslopes	No	--
MrF: Morrystown channery silt loam, 25 to 70 percent slopes, bouldery	Morrystown-Unstable fill	75-100	Hillslopes	No	--
	Unnamed-Hydric	0-10	Ridges	Yes	3
	Fairpoint-Unstable fill	0-10	Hillslopes	No	--
	Rock outcrop	0-5	--	--	--
	Water	0-5	--	--	--
Or: Orrville silt loam, 0 to 3 percent slopes, occasionally flooded	Orrville	80-100	Flood plains	No	--
	Lobdell	0-10	Flood plains	No	--
	Melvin	0-10	Flood plains	Yes	2
	Nolin	0-10	Flood plains	No	--
W: Water	Water	100	--	Unranked	--
WnE: Westmoreland-Dekalb complex, 25 to 40 percent slopes	Westmoreland	55	Hills	No	--

OH067-Harrison County, Ohio					
	Dekalb	30	Hills	No	—
	Rigley	15	Hills	—	—
	many sandstone fragments in subsoil; bedrock at 40-60 inches		—	—	—
	gray mottles in the lower part of the subsoil		—	—	—
	channery loam surface layer		—	—	—
	silt loam surface layer		—	—	—

## Description — Hydric Soil List - All Components

**Hydric Soils**

This table lists the map unit components and their hydric status in the survey area. This list can help in planning land uses; however, onsite investigation is recommended to determine the hydric soils on a specific site (National Research Council, 1995; Hurt and others, 2002).

The three essential characteristics of wetlands are hydrophytic vegetation, hydric soils, and wetland hydrology (Cowardin and others, 1979; U.S. Army Corps of Engineers, 1987; National Research Council, 1995; Tiner, 1985). Criteria for all of the characteristics must be met for areas to be identified as wetlands. Undrained hydric soils that have natural vegetation should support a dominant population of ecological wetland plant species. Hydric soils that have been converted to other uses should be capable of being restored to wetlands.

Hydric soils are defined by the National Technical Committee for Hydric Soils (NTCHS) as soils that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part (Federal Register, 1994). These soils, under natural conditions, are either saturated or inundated long enough during the growing season to support the growth and reproduction of hydrophytic vegetation.

The NTCHS definition identifies general soil properties that are associated with wetness. In order to determine whether a specific soil is a hydric soil or nonhydric soil, however, more specific information, such as information about the depth and duration of the water table, is needed. Thus, criteria that identify those estimated soil properties unique to hydric soils have been established (Federal Register, 2002). These criteria are used to identify map unit components that normally are associated with wetlands. The criteria used are selected estimated soil properties that are described in "Soil Taxonomy" (Soil Survey Staff, 1999) and "Keys to Soil Taxonomy" (Soil Survey Staff, 2006) and in the "Soil Survey Manual" (Soil Survey Division Staff, 1993).

If soils are wet enough for a long enough period of time to be considered hydric, they should exhibit certain properties that can be easily observed in the field. These visible properties are indicators of hydric soils. The indicators used to make onsite determinations of hydric soils are specified in "Field Indicators of Hydric Soils in the United States" (Hurt and Vasilas, 2006).

Hydric soils are identified by examining and describing the soil to a depth of about 20 inches. This depth may be greater if determination of an appropriate indicator so requires. It is always recommended that soils be excavated and described to the depth necessary for an understanding of the redoximorphic processes. Then, using the completed soil descriptions, soil scientists can compare the soil features required by each indicator and specify which indicators have been matched with the conditions observed in the soil. The soil can be identified as a hydric soil if at least one of the approved indicators is present.

Map units that are dominantly made up of hydric soils may have small areas, or inclusions, of nonhydric soils in the higher positions on the landform, and map units dominantly made up of nonhydric soils may have inclusions of hydric soils in the lower positions on the landform.

The criteria for hydric soils are represented by codes in the table (for example, 2). Definitions for the codes are as follows:

1. All Histels except for Folistels, and Histosols except for Folists.
2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that:
  - a. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
  - b. Show evidence that the soil meets the definition of a hydric soil;
3. Soils that are frequently ponded for long or very long duration during the growing season.
  - a. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
  - b. Show evidence that the soil meets the definition of a hydric soil;
4. Map unit components that are frequently flooded for long duration or very long duration during the growing season that:
  - a. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
  - b. Show evidence that the soil meets the definition of a hydric soil;

Hydric Condition: Food Security Act information regarding the ability to grow a commodity crop without removing woody vegetation or manipulating hydrology.

## References:

Federal Register. July 13, 1994. Changes in hydric soils of the United States.  
Federal Register. Doc. 2012-4733 Filed 2-28-12. February, 28, 2012. Hydric soils of the United States.  
Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18.  
Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service. U.S. Department of Agriculture Handbook 436.  
Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service.  
Vasilas, L.M., G.W. Hurt, and C.V. Noble, editors. Version 7.0, 2010. Field indicators of hydric soils in the United States.

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U.S. Fish and Wildlife Service

# National Wetlands Inventory

## Harrison County Home - Wetland Map



February 14, 2017

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

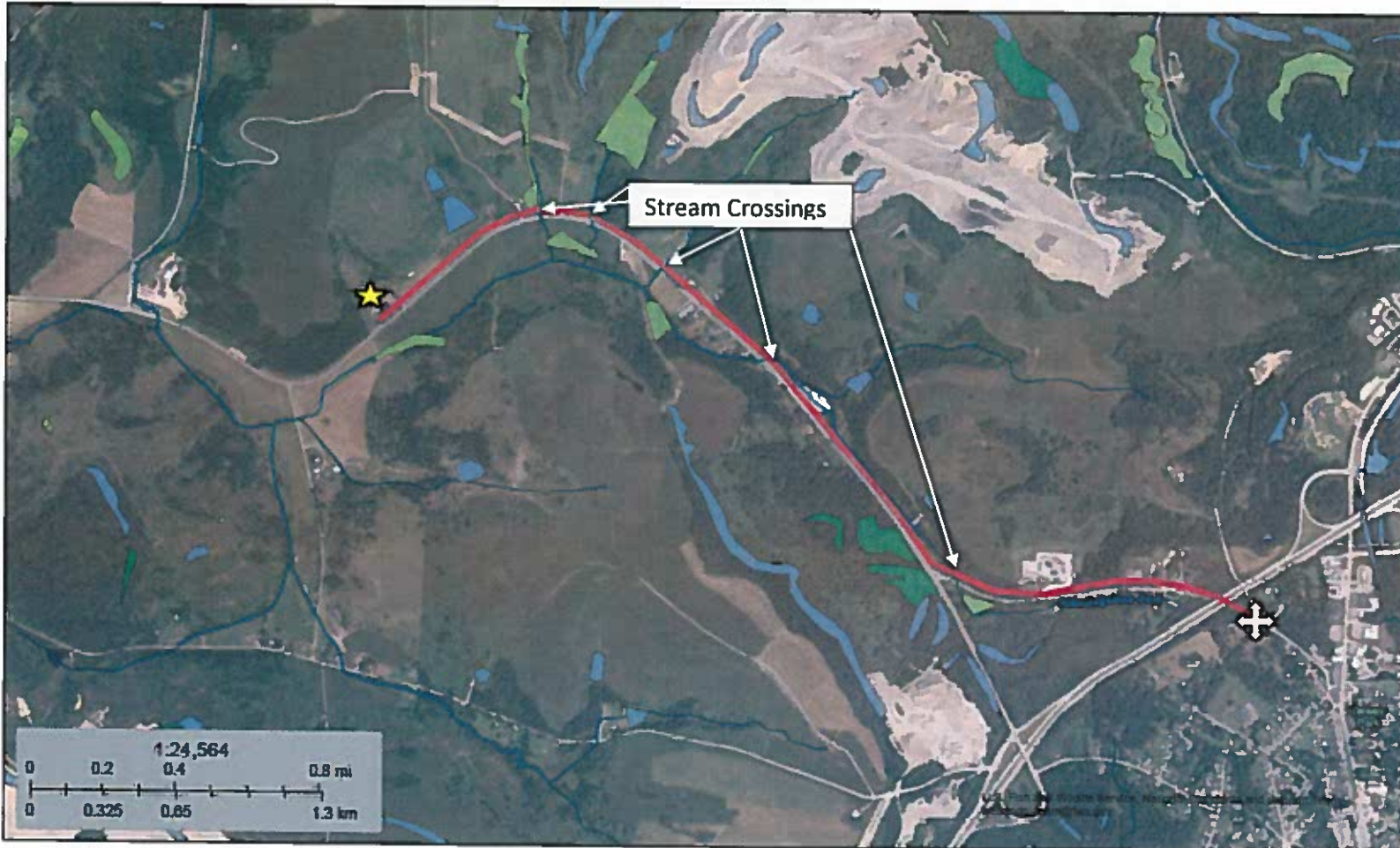
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



U.S. Fish and Wildlife Service

# National Wetlands Inventory

## Harrison County Home - Wetland Map



February 14, 2017

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

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.

- |                        |  |
|------------------------|--|
| Harrison County Home = |  |
| Project Route =        |  |
| Tie-in Site =          |  |

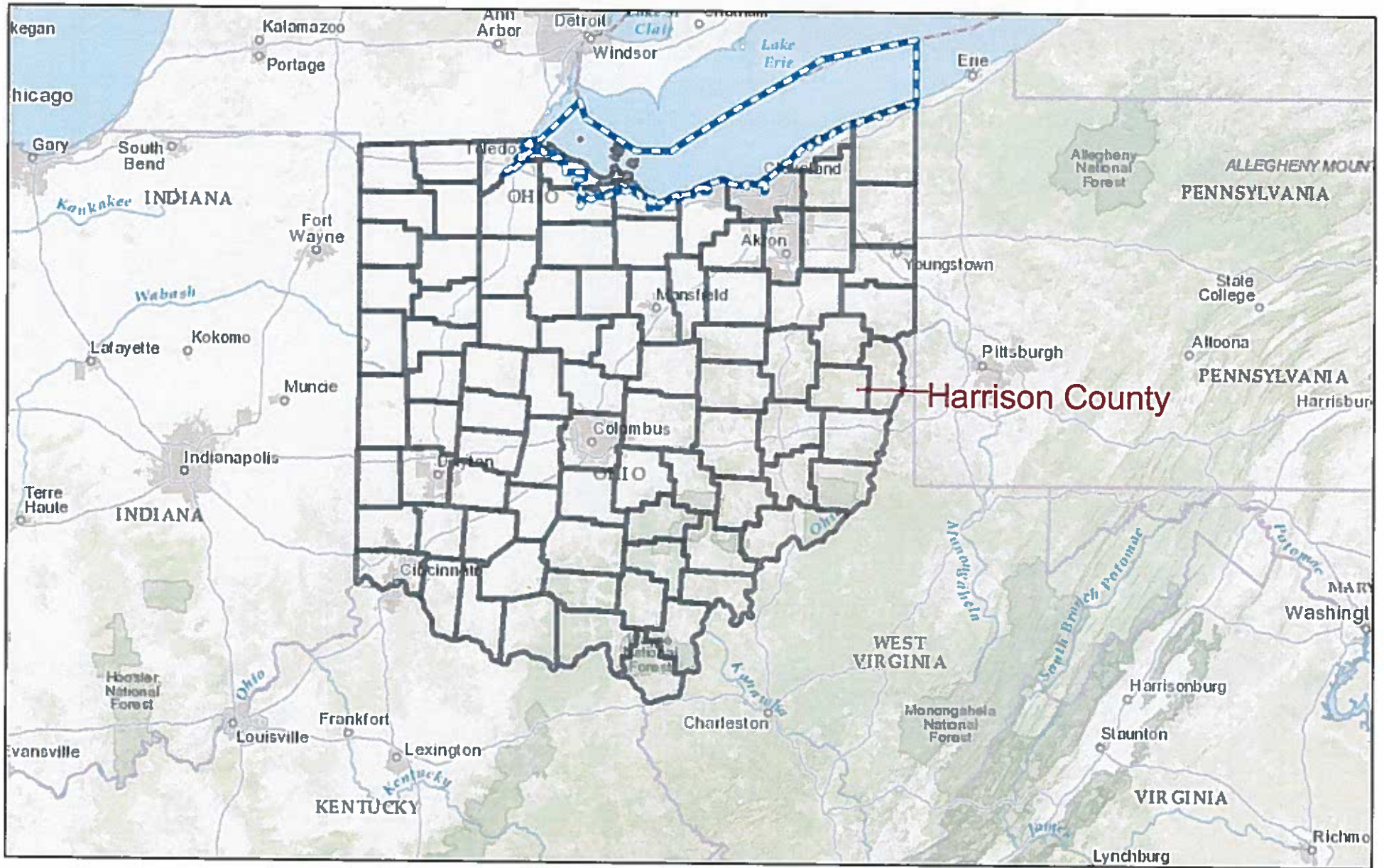
## Coastal Zone Management

Harrison County is not in a coastal zone.

This section includes:

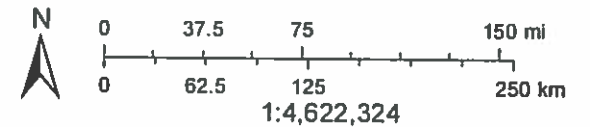
- Ohio Coastal Map

# Ohio Coastal Atlas Map Viewer



February 17, 2017

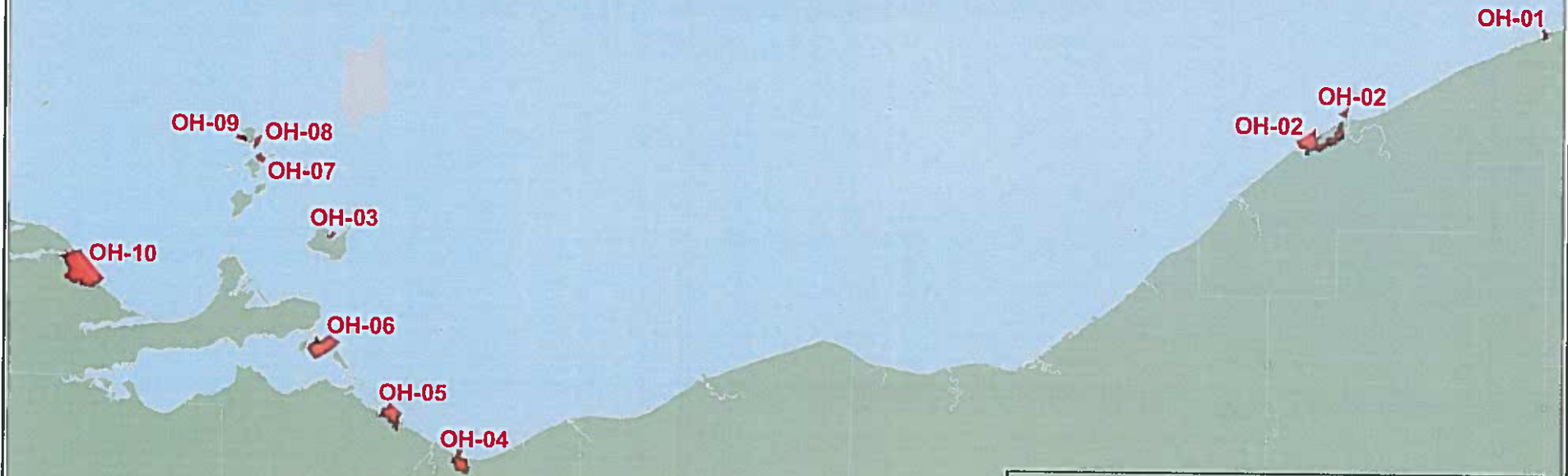
 Coastal Management Area Boundary



# JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

## OHIO

LAKE  
ERIE



Number of CBRS Units:	10
Number of System Units:	10
Number of Otherwise Protected Areas:	0
Total Acres:	5,195
Upland Acres:	2,020
Associated Aquatic Habitat Acres:	3,175
Shoreline Miles:	10

3

Boundaries of the John H. Chafee Coastal Barrier Resources System (CBRS) shown on this map were transferred from the official CBRS maps for this area and are depicted on this map (in red) for informational purposes only. The official CBRS maps are enacted by Congress via the Coastal Barrier Resources Act, as amended, and are maintained by the U.S. Fish and Wildlife Service. The official CBRS maps are available for download at [http://www.fws.gov/habitatconservation/coastal\\_barrier.html](http://www.fws.gov/habitatconservation/coastal_barrier.html).



## Sole Source Aquifers

Harrison County is not served by a Sole Source Aquifer.

This section includes:

- Description of Sole Source Aquifers in Ohio
- Map of Sole Source Aquifers in Ohio



Search...



# Ground Water Quality Characterization Program



As the designated state water quality management agency, Ohio EPA is responsible for defining and reporting on ambient ground water quality conditions, assessing ground water quality problems and recommending strategies for preventing contamination. Good information on past and present ambient ground water quality, the extent of ground water contamination problems and the relationship of land-use practices to ground water quality is critical to developing effective strategies to prevent ground water contamination. To provide this water quality data, the Ground Water Quality Characterization Program collects and reviews water quality data.

## QUICK LINKS

**Ambient Ground Water Monitoring Program**  
Get the Basics on Where Your Water Comes From and How to Keep it Safe

**How Well Do You Know Your Water Well?**  
Get the Basics on Where Your Water Comes From and How to Keep it Safe

**Know Your Well Water: Test, Understand, Protect**  
Online Water Quality Interpretation Tool

**State Coordinating Committee on GW**  
A Sub-committee of Ohio's Water Resources Council

## Be Aware of Your Ground Water

In Ohio, nearly half of all cities, villages, schools, businesses and industries depend on ground water for drinking, processing and irrigation. This amounts to more than 1 BILLION GALLONS PER DAY! Ground water is a shared resource. Do your part to protect it.

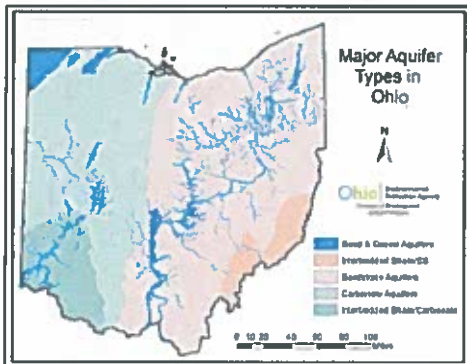
Do you have your own well? Visit [www.wellowner.org](http://www.wellowner.org), or visit the Ohio Department of Health at <http://www.odh.ohio.gov/odhprograms/eh/water/PrivateWaterSystems/main.aspx>

## DDAGW Site Links

Select an item and click "Go" to navigate  **Go**



<a href="#">Ambient Monitoring</a>	<a href="#">Water Quality Data Distribution</a>	<a href="#">Ohio's Aquifers</a>	<a href="#">Access Data</a>
<a href="#">Publications</a>	<a href="#">Special Investigations</a>		



### Major Aquifers in Ohio

Ohio's aquifers can be divided into three major types: sand and gravel; sandstone; and carbonate.

The sand and gravel valley aquifers are distributed through the state (click on the map at left to enlarge). The valleys these sands fill are cut into sandstone and shale in eastern Ohio and into carbonate aquifers in western Ohio. The sandstone and carbonate aquifers generally provide sufficient production for water wells except where dominated by shale, as in southeast Ohio.

## CONTACTS

For more information on ground water quality in Ohio, contact:

- Mike Slattery at (614) 728-1221

Or send an email to [gwq@epa.ohio.gov](mailto:gwq@epa.ohio.gov)

### Sole Source Aquifers in Ohio

U.S. EPA defines a Sole Source Aquifer (SSA) as an aquifer that supplies at least 50 percent of the drinking water consumed in the area overlying the aquifer. These areas may have no alternative drinking water source(s) that could physically, legally and economically supply all those who depend on the aquifer for drinking water.

The Sole Source Aquifer designation protects an area's ground water resource by requiring U.S. EPA to review certain proposed projects within the designated area. All proposed projects receiving federal funds are subject to review to ensure that they do not endanger the water source.

**Greater Miami SSA**

- Detailed Map
- GIS Metadata for the Sole Source Aquifer Maps
- Petition for Northern SSA Designation as listed in the Federal Register
- Petition for Southern SSA Designation as listed in the Federal Register

**Allen County SSA**

- Detailed Map
- GIS Metadata for the Sole Source Aquifer Maps
- Petition for SSA Designation as listed in the Federal Register

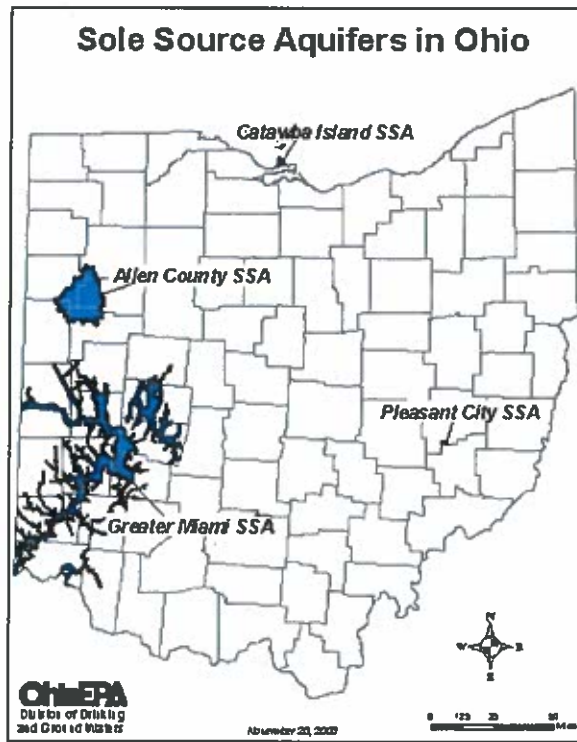
**Catawba Island SSA**

- Detailed Map
- GIS Metadata for the Sole Source Aquifer Maps
- Petition for SSA Designation as listed in the Federal Register

**Pleasant City SSA**

- Detailed Map
- GIS Metadata for the Sole Source Aquifer Maps
- Petition for SSA Designation as listed in the Federal Register

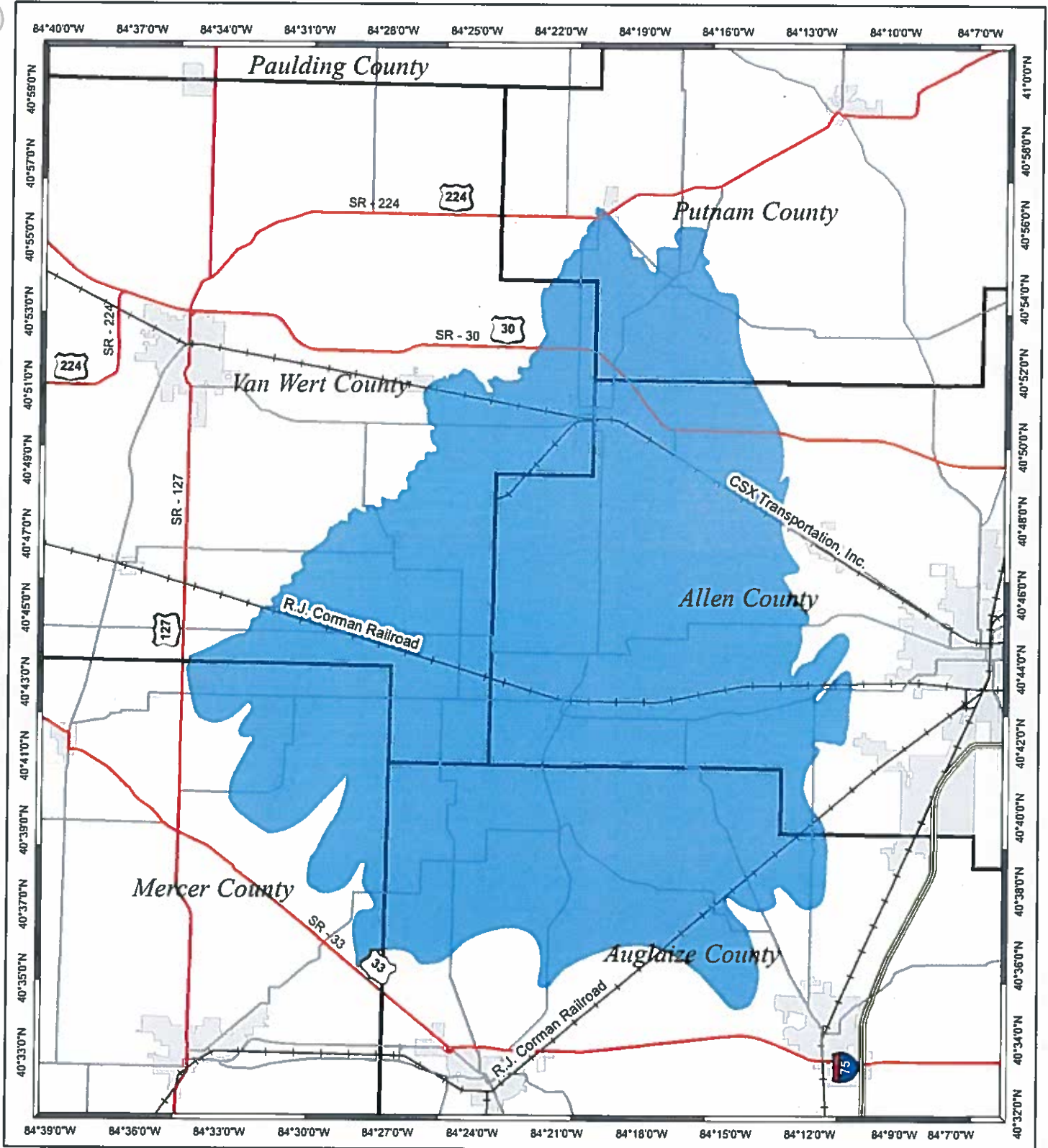
For more information on Sole Source Aquifers, visit [U.S. EPA's website](http://www.epa.gov).





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 Staff Contacts and Expertise ~ Electronic Mailing Lists

Mailing Address: P.O. Box 1049, Columbus, OH 43216-1049  
 Street Address: 50 West Town Street, Suite 700, Columbus, OH 43215  
 Report a Spill, Release or Environmental Crime  
 (800) 282-9378 or (614) 224-0946

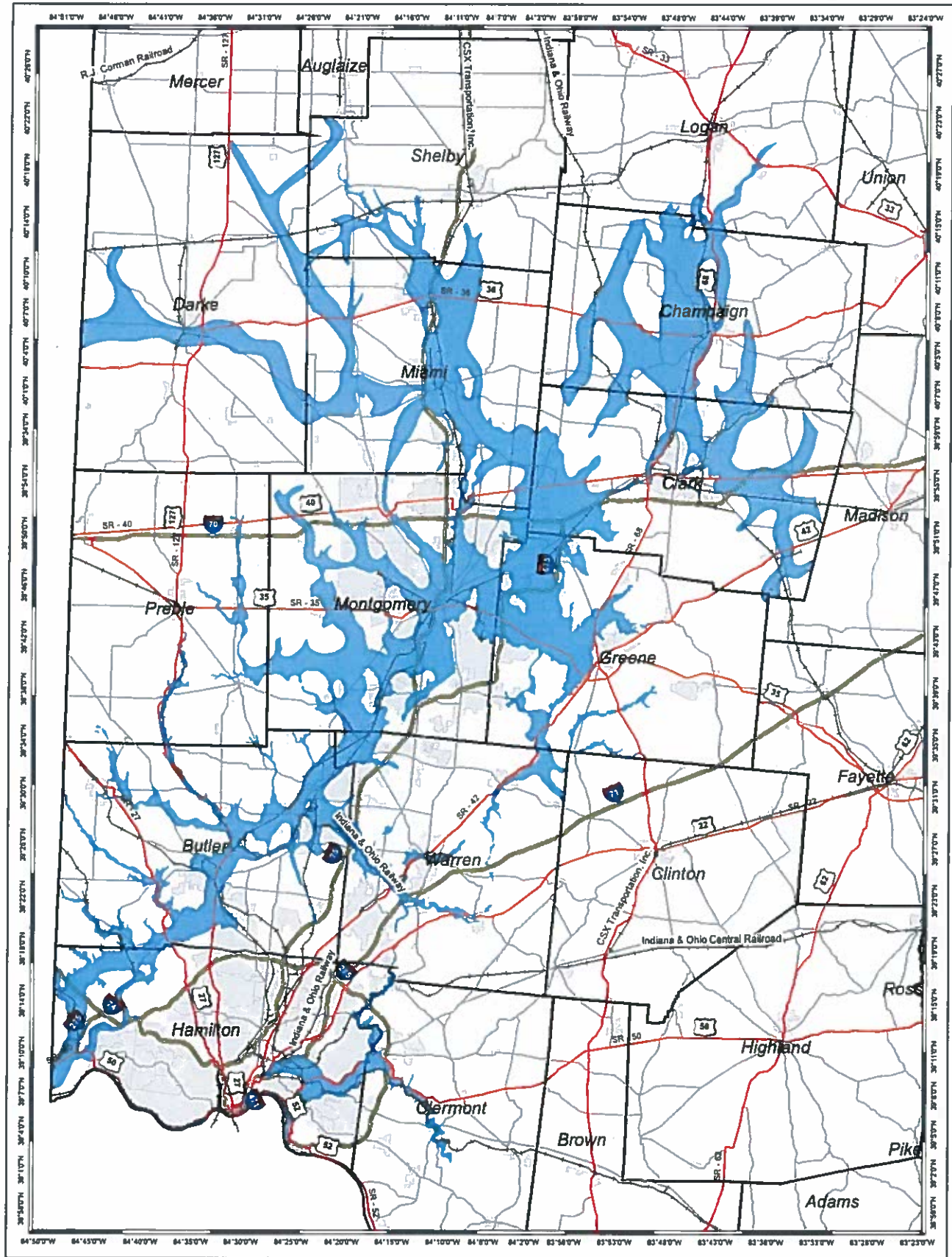
# Allen County Sole Source Aquifer





	Ohio Sole Source Aquifers
	County Boundaries



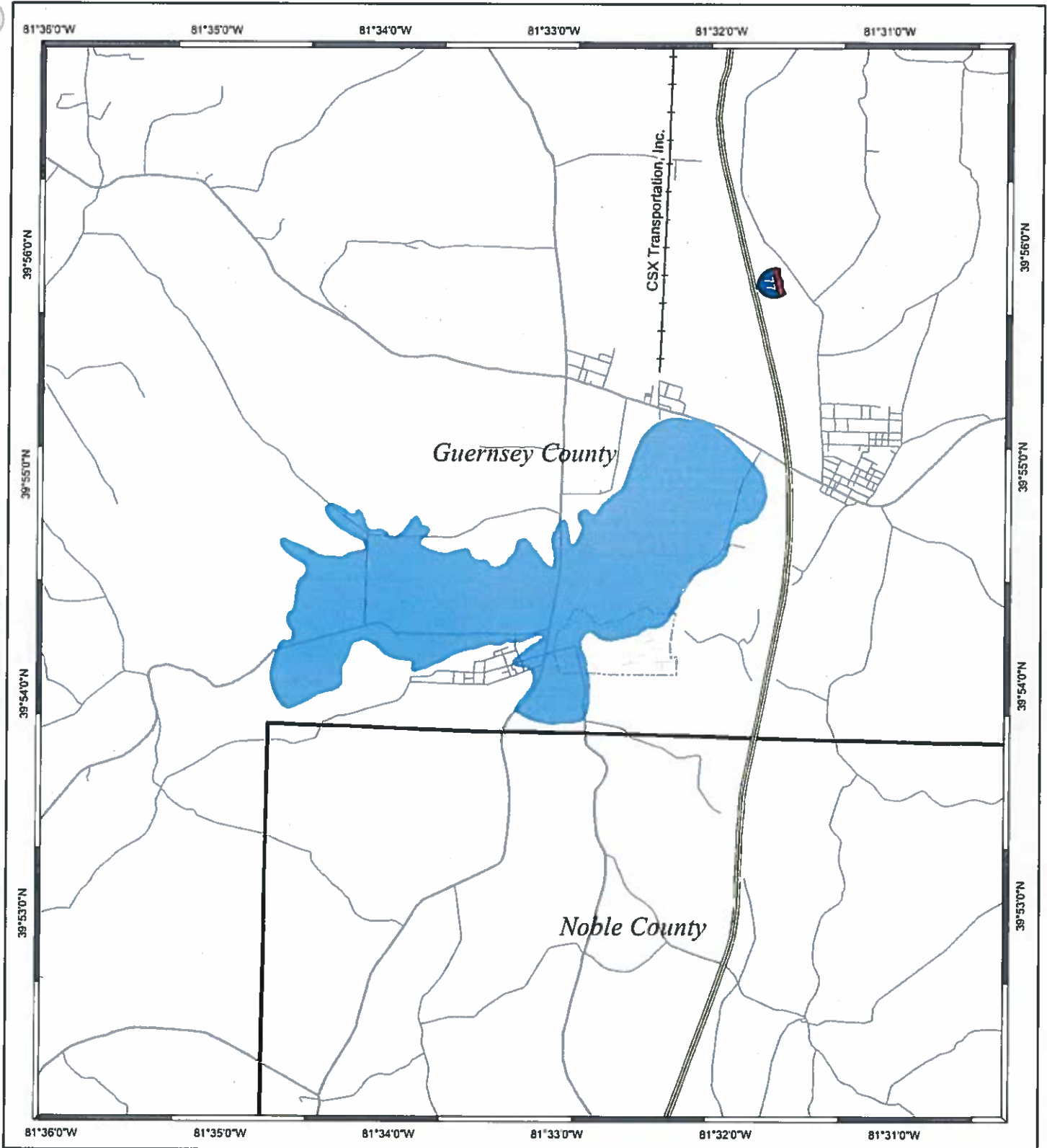
# Greater Miami Sole Source Aquifer





 Ohio Sole Source Aquifers  
 County Boundaries

  
0 5 10 20  
Miles

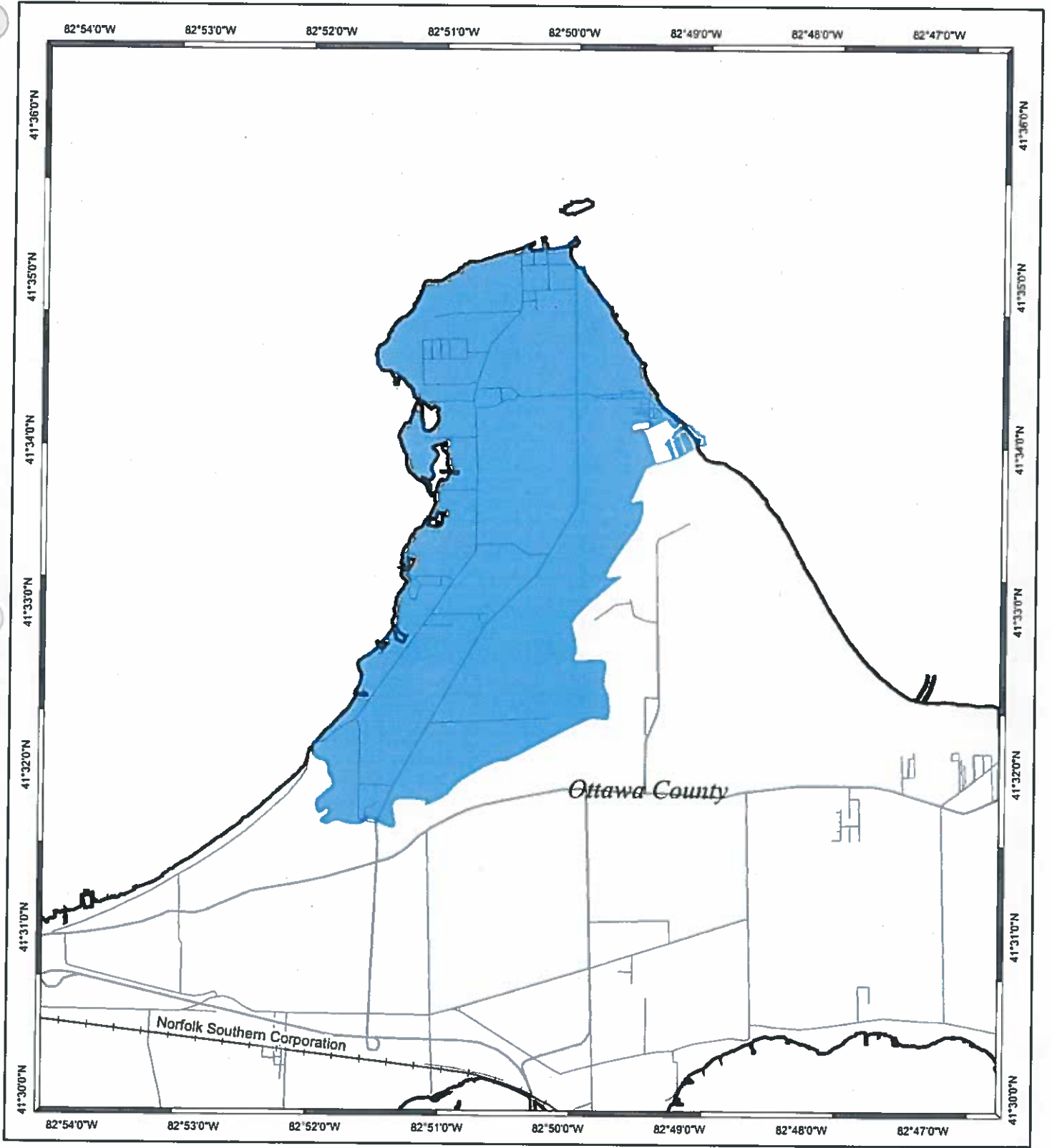
# Pleasant City Sole Source Aquifer





	Ohio Sole Source Aquifers
	County Boundaries



# Catawba Island Sole Source Aquifer



	Ohio Sole Source Aquifers
	County Boundaries



## Endangered Species

This section includes:

- Correspondence with the following agencies:
  - Ohio Department of Natural Resources
- Natural Heritage Database Request Form
- Listed threatened or endangered species in Harrison County



## **Trina Woodland**

---

**To:** obdrequest@dnr.state.oh.us  
**Subject:** Natural Heritage Data Request Form  
**Attachments:** Route Map.docx; Natural Heritage Data Request Form.pdf

Good afternoon,

I am requesting an initial assessment for a project area in Harrison County. The request form and map are attached. The project involves the installation of a wastewater treatment plant at the Harrison County Home, (a 33-bed facility serving the elderly). The initial installation site will be on the same site as the existing wastewater system, which will then be decommissioned. The pipeline will run along US 250 and CR 11 tying in at the intersection of Brokaw and Dennison Avenue in the Village of Cadiz.

Please let me know if you need additional information.

Thank you,

***Trina Woodland***

Community Development Specialist

OMEGA

326 Highland Avenue, Suite B

Cambridge, OH

(740) 439-4471, Ext. 201

trinaw@omegadistrict.org



# Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

Ohio Division of Wildlife  
*Raymond W. Petering, Chief*  
2045 Morse Rd., Bldg. G  
Columbus, OH 43229-6693  
Phone: (614) 265-6300

23 February 2017

Trina Woodland  
Ohio Mid-Eastern Governments Assoc.  
326 Highland Ave.  
Cambridge, OH 43725

Dear Ms. Woodland,

After reviewing the Natural Heritage Database, I find the Division of Wildlife has no records of rare or endangered species in the Home Waste Water Treatment Plant project area, including a one-mile radius, in Cadiz Township, Harrison County, Ohio. We are unaware of any unique ecological sites, geologic features, animal assemblages, scenic rivers, state wildlife areas, nature preserves, parks or forests, national wildlife refuges, parks or forests or other protected natural areas within a one-mile radius of the project area.

Our inventory program has not completely surveyed Ohio and relies on information supplied by many individuals and organizations. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area. This letter only represents a review of rare species and natural features data within the Ohio Natural Heritage Database. It does not fulfill coordination under the National Environmental Policy Act (NEPA) or the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S. C. 661 et seq.) and does not supersede or replace the regulatory authority of any local, state or federal agency nor relieve the applicant of the obligation to comply with any local, state or federal laws or regulations.

Please contact me at 614-265-6818 if I can be of further assistance.

Sincerely,

A handwritten signature in cursive script that reads "Debbie Woischke".

Debbie Woischke  
Ohio Natural Heritage Database Program



## NATURAL HERITAGE DATA REQUEST FORM

ODNR Division of Wildlife  
Ohio Natural Heritage Program  
2045 Morse Rd., Bldg. G-3  
Columbus, OH 43229-6693  
Phone: 614-265-6818  
Email: obdrequest@dnr.state.oh.us

### INSTRUCTIONS:

Please complete all the information on both sides of this form, sign (required) and email it to the address given above. Please provide a description of the work to be performed at the project site, and a map detailing your project site boundaries. If you have GIS capabilities or request a GIS response, please also submit a shapefile of your project site (unbuffered). Data requests will be completed within approximately 30 days, usually sooner. There is currently no charge to process requests.

### WHAT WE PROVIDE:

As applicable to your project, the Ohio Natural Heritage Database (ONHD) will provide records for state and federally listed plants and animals, high quality plant communities, geologic features, breeding animal concentrations, scenic rivers, protected natural areas (managed areas), and significant unprotected natural areas (conservation sites). A one mile radius around the project site will automatically be searched. Because the ONHD contains sensitive information, it is our policy to provide only the data needed to complete your project.

*Please note that this information is provided without comment on potential impacts to the species and their habitats, and therefore does not constitute coordination with ODNR under NEPA, the Fish & Wildlife Coordination Act, the Federal Water Pollution Control Act and other laws. If your project requires ODNR coordination, please submit it for a more extensive environmental review to [environmentalreviewrequest@dnr.state.oh.us](mailto:environmentalreviewrequest@dnr.state.oh.us). Additional information on the environmental review process is available at <http://realestate.ohiodnr.gov/environmental-review>. If you have questions, please contact John Kessler at 614-265-6621 or [john.kessler@dnr.state.oh.us](mailto:john.kessler@dnr.state.oh.us). A ONHD search is included as part of the environmental review process.*

---

Date: 2/15/17 Company name: Ohio Mid-Eastern Governments Association

Name of person response letter should be addressed to:

Mr.  Ms.  Trina Woodland

Address: 326 Highland Avenue, Suite B

City/State/Zip: Cambridge, OH 43725

Phone: (740) 439-4471

E-mail address: [trinaw@omegadistrict.org](mailto:trinaw@omegadistrict.org)

Project Name: Harrison County Home Wastewater Treatment Plant Project

Project Site Address: 42247 Cadiz-Dennison Road & ends @ intersection/Brokaw & Dennison

Project County: Harrison County

Project City or Township: Cadiz Township

Project site is located on the following USGS 7.5 minute topographic quad(s):

Cadiz Quadrangle - Ohio

Project latitude and longitude: Project begins at 40.2912, -81.0385, ends at 40.2823, -81.0054

**Description of work to be performed at the project site:**

Dual pumping station will be installed at the Harrison County Home, (a 33-bed facility serving the elderly). This is the beginning point of the project sitewhich will continue with 12,100 linear feet of HDPE pipeline being installed on the north side of US 250 and CR 11 ending at the intersection of Brokaw and Dennison Avenue in the Village of Cadiz. This is where the wastewater will tie in with the Village of Cadiz. There will very little new area disturbed by this project. The pumping station is being installed at the site of the existing wastewater system and there is a raw water line that runs along the pipeline route. Pipeline route covers approximately 2.3 miles.

How do you want your data reported? (Both formats provide the same data. The manual search is most appropriate for small scale projects or for those without GIS capabilities. With this option we will send you a list of records and a map showing their location. If you request a GIS shapefile, we will send you a shapefile of data layers. You will then need to make your own map and list of data for your report. You must have GIS capabilities. If you choose this option, please email your project shapefile with your request. If you do not make a selection, a manual search will be performed. Please choose only one option below.)

Printed list and map (manual search)    OR     GIS shapefile (computer search)

Other than the standard data (see "what we provide" at top of form), additional information you require:

**How will the information be used?**

The information will be used to determine if further coordination is required to ensure the safety of plants, animals, etc, that may be affected by the project.

The chief of the Division of Wildlife has determined that the release of the ONHD information you have requested could be detrimental to the conservation of a species or unique natural feature. Pursuant to section 1531.04 of the Ohio Revised Code, this information is not subject to section 149.43 of the Revised Code. By signing below, you certify that the data provided will not be disclosed, published, or distributed beyond the scope of your specific project.

Signature Jina Woodlawn, Community Development Specialist

Date: 2/15/17

# Ohio

## County Distribution of Federally-Listed Threatened, Endangered, Proposed, and Candidate Species

January 11, 2017

County	Species	Status	Habitat
<b>Adams</b>	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Hibernacula = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Northern long-eared bat <i>Myotis septentrionalis</i>	Threatened	Hibernates in caves and mines - swarming in surrounding wooded areas in autumn. During late spring and summer roosts and forages in upland forests.
	Fanshell ( <i>Cyprogenia stegaria</i> ) (= <i>C. irrorata</i> )	Endangered	Found in areas of packed sand and gravel at locations in a good current
	Pink mucket pearlymussel ( <i>Lampsilis abrupta</i> )	Endangered	The lower Ohio River and its larger tributaries
	Rayed bean ( <i>Villosa fabalis</i> )	Endangered	Smaller, headwater creeks, but they are sometimes found in large rivers
	Sheepnose ( <i>Plethobasus cyphus</i> )	Endangered	Shallow areas in larger rivers and streams
	Snuffbox ( <i>Epioblasma triquetra</i> )	Endangered	Small to medium-sized creeks and some larger rivers, in areas with a swift current
	Running buffalo clover ( <i>Trifolium stoloniferum</i> )	Endangered	Disturbed bottomland meadows; disturbed sites that have shade during part of each day
<b>Allen</b>	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Hibernacula = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Northern long-eared bat <i>Myotis septentrionalis</i>	Threatened	Hibernates in caves and mines - swarming in surrounding wooded areas in autumn. During late spring and summer roosts and forages in upland forests.
<b>Ashland</b>	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Hibernacula = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Northern long-eared bat <i>Myotis septentrionalis</i>	Threatened	Hibernates in caves and mines - swarming in surrounding wooded areas in autumn. During late spring and summer roosts and forages in upland forests.
<b>Ashtabula</b>	Indiana bat ( <i>Myotis sodalis</i> )	Endangered	Hibernacula = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Northern long-eared bat <i>Myotis septentrionalis</i>	Threatened	Hibernates in caves and mines - swarming in surrounding wooded areas in autumn. During late spring and summer roosts and forages in upland forests.

	Northern long-eared bat <i>Myotis septentrionalis</i>	Threatened	Hibernates in caves and mines - swarming in surrounding wooded areas in autumn. During late spring and summer roosts and forages in upland forests.
	Copperbelly water snake <i>(Nerodia erythrogaster neglecta)</i>	Threatened	Wooded and permanently wet areas such as oxbows, sloughs, brushy ditches and floodplain woods
	Eastern massasauga <i>(Sistrurus catenatus)</i>	Threatened	Wetlands and adjacent uplands
	Clubshell <i>(Pleurobema clava)</i>	Endangered	Found in coarse sand and gravel areas of runs and riffles within streams and small rivers
	Rayed bean <i>(Villosa fabalis)</i>	Endangered	Smaller, headwater creeks, but they are sometimes found in large rivers
<b>Harrison</b>	Indiana bat <i>(Myotis sodalis)</i>	Endangered	Hibernacula = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Northern long-eared bat <i>Myotis septentrionalis</i>	Threatened	Hibernates in caves and mines - swarming in surrounding wooded areas in autumn. During late spring and summer roosts and forages in upland forests.
<b>Henry</b>	Indiana bat <i>(Myotis sodalis)</i>	Endangered	Hibernacula = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Northern long-eared bat <i>Myotis septentrionalis</i>	Threatened	Hibernates in caves and mines - swarming in surrounding wooded areas in autumn. During late spring and summer roosts and forages in upland forests.
<b>Highland</b>	Indiana bat <i>(Myotis sodalis)</i>	Endangered	Hibernacula = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Northern long-eared bat <i>Myotis septentrionalis</i>	Threatened	Hibernates in caves and mines - swarming in surrounding wooded areas in autumn. During late spring and summer roosts and forages in upland forests.
<b>Hocking</b>	Indiana bat <i>(Myotis sodalis)</i>	Endangered	Hibernacula = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests
	Northern long-eared bat <i>Myotis septentrionalis</i>	Threatened	Hibernates in caves and mines - swarming in surrounding wooded areas in autumn. During late spring and summer roosts and forages in upland forests.
	Northern monkshood <i>(Aconitum noveboracense)</i>	Threatened	Cool, moist, shaded cliff faces or talus slopes in wooded ravines, near water seeps
	American burying beetle <i>(Nicrophorus americanus)</i>	Endangered	
	Running buffalo clover <i>(Trifolium stoloniferum)</i>	Endangered	Disturbed bottomland meadows; disturbed sites that have shade during part of each day
	Small whorled pogonia <i>(Isotria medeoloides)</i>	Threatened	Dry woodland; upland sites in mixed forests (second or third growth stage)
<b>Holmes</b>	Indiana bat <i>(Myotis sodalis)</i>	Endangered	Hibernacula = Caves and mines; Maternity and foraging habitat = small stream corridors with well developed riparian woods; upland forests

## Wild and Scenic Rivers

This section includes:

- Map indicating that there are no “Wild and Scenic” Rivers in the project area. Document also includes a list of rivers with these designations, none of which run through any portion of Harrison County.



# ODNR Division of STATE PARKS & WATERCRAFT

OHIO DNR HOME



Scenic Rivers > Program > Map of Ohio's Scenic Rivers > Map of Scenic Rivers

## Map of Scenic Rivers in Ohio

### Rivers with "Scenic" Designation

- Ashtabula
- Chagrin
- Big & Little Darby
- Kokosing
- Little Miami
- Mohican
- Olentangy
- Sandusky
- Upper Cuyahoga

### Rivers Designated as "Wild & Scenic"

- Conneaut
- Grand
- Little Beaver

### Rivers with "Scenic & Recreational" Designation

- Maumee
- Stillwater/Greenville



#### LIST OF SCENIC RIVERS

Select a River

#### SCENIC RIVERS MENU

[Stream Quality](#)

[Stream Life](#)

[Designation](#)

[Project Reviews](#)

[Watercraft Home](#)

Harrison County

#### Support Scenic Rivers

Specialty plates help preserve Ohio's Scenic Rivers

Details >



Ohio Department of  
**NATURAL RESOURCES**  
vision of Parks and Watercraft

#### BOATING LINKS

- [Online Boat Registration Renewal](#)
- [Find a Watercraft Registration Agent](#)
- [What It Costs to Register a Boat](#)
- [Required Safety Equipment](#)
- [Paddle Ohio](#)
- [Ohio State Parks](#)

#### LATEST TWEETS

#### CONTACT INFO

ODNR Division of Parks and Watercraft  
2045 Morse Road  
Columbus, Ohio 43229-6693

1-877-4BOATER toll-free, in Ohio only  
(614) 265-6480  
(614) 261-8407 Fax

watercraft@dnr.state.oh.us

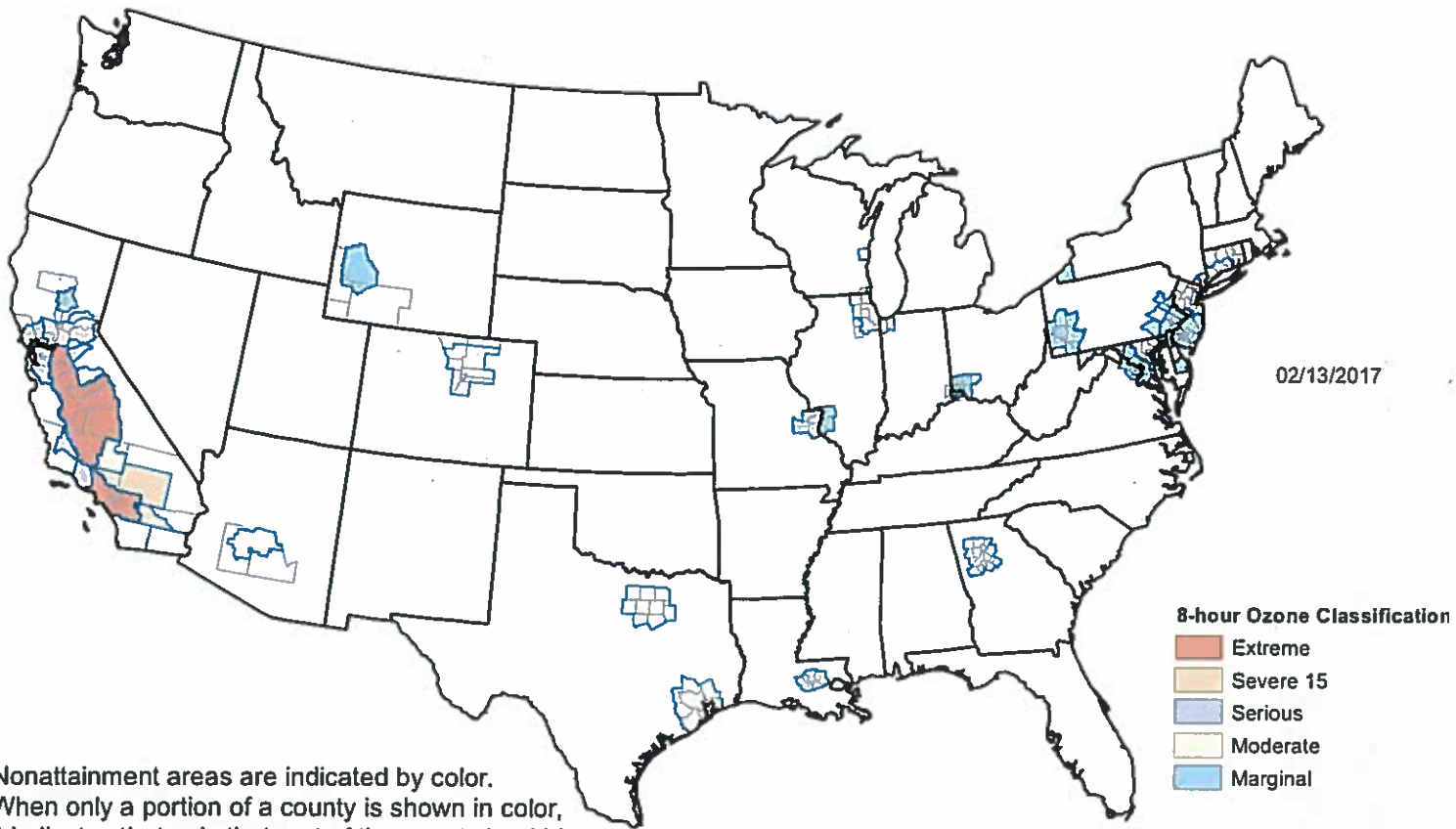


## Air Quality

This section includes:

- Map of 8-Hour Ozone Nonattainment Areas (2008 Standard) indicating that the project area is not in a nonattainment area.
- Map of Ohio PM-2.5 Nonattainment Areas (2012 Standard) indicating that the project area is not in a Nonattainment area.
- Map of Ohio SO<sub>2</sub> Nonattainment Areas (2010 Standard) indicating that the project area is not in a Nonattainment area.
- Map of Ohio Lead Nonattainment Areas (2008 Standard) indicating that the project area is not in a Nonattainment area.
- Carbon Monoxide (1971 – Updated as of February 13, 2017) Maintenance Area (Re-designated from Nonattainment) Area/State/County Report - The project area does not appear on this report.
- Nitrogen Dioxide (1971 – Updated as of February 13, 2017) Maintenance Area (Re-designated from Nonattainment) State/Area/County Report – There is only one location in California on this list.
- Ohio Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants (As of February 13, 2017) – Harrison County, in which the project is located, does not appear on this list.
- Current Nonattainment Counties for All Criteria Pollutants/Green Book/US EPA – Harrison County does not appear on this list.

# 8-Hour Ozone Nonattainment Areas (2008 Standard)



Nonattainment areas are indicated by color. When only a portion of a county is shown in color, it indicates that only that part of the county is within a nonattainment area boundary.

For the Ozone-8Hr (2008) Cincinnati, OH-KY-IN nonattainment area, the Ohio portion was redesignated on December 16, 2016. The Kentucky and Indiana portions have not been redesignated. The entire area is not considered in maintenance until all states in a multi-state area are redesignated.

# Ohio PM-2.5 Nonattainment Areas (2012 Standard)

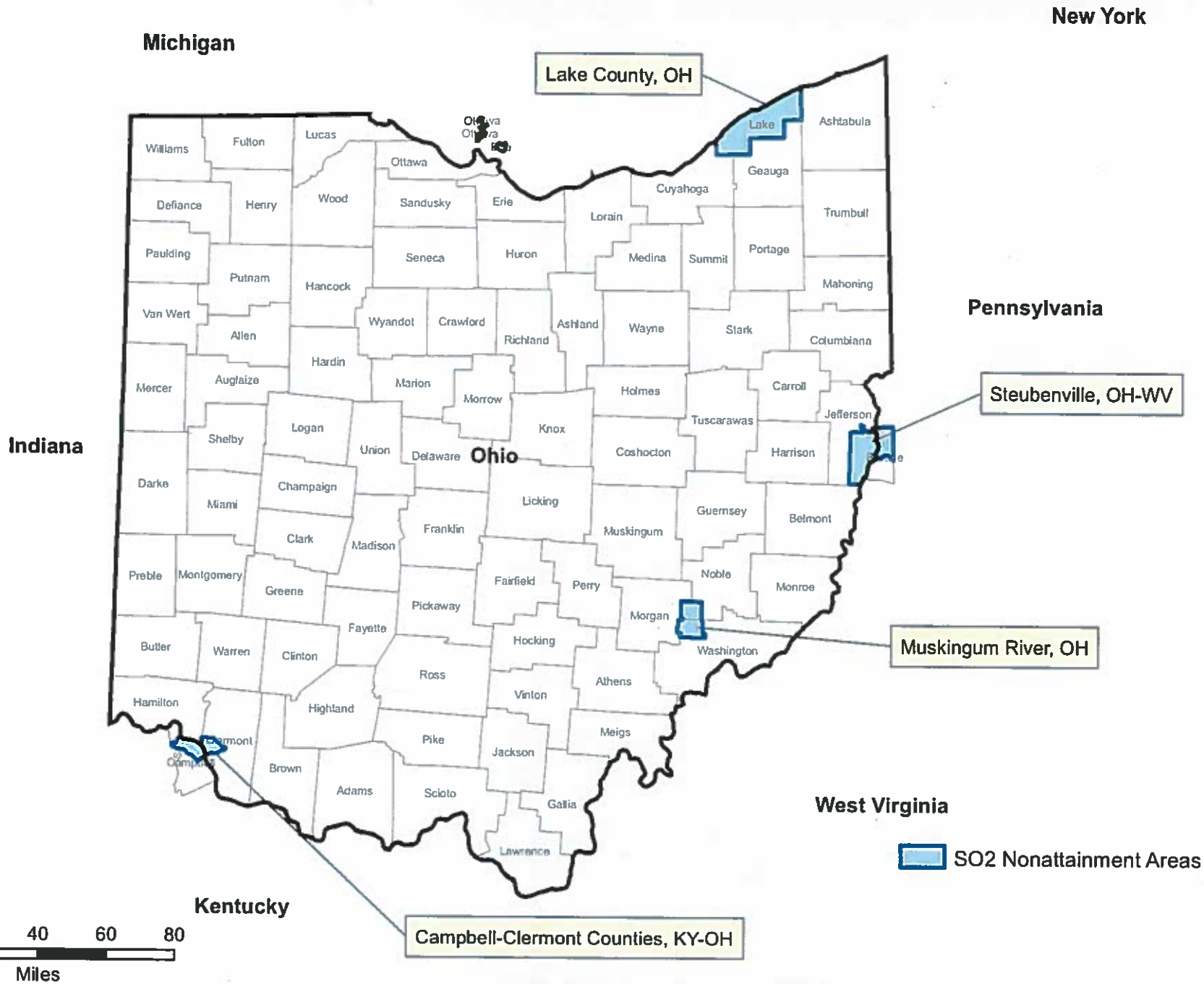
02/13/2017



 PM-2.5 Nonattainment Areas

# Ohio SO2 Nonattainment Areas (2010 Standard)

02/13/2017



For the SO2 (2010) Campbell-Clermont Counties, KY-OH nonattainment area, the Ohio portion was redesignated on November 21, 2016. The Kentucky portion has not been redesignated.

# Ohio Lead Nonattainment Areas (2008 Standard)

02/13/2017

Delta, OH  
Clean Data

Cleveland, OH  
Clean Data



- Nonattainment Areas (2008 Standard)
- Nonattainment Areas (2008 Standard) with Clean Data





You are here: EPA Home > Carbon Monoxide (1971) Maintenance Area (Redesignated from Nonattainment) Area/State/County Report

## Carbon Monoxide (1971) Maintenance Area (Redesignated from Nonattainment) Area/State/County Report

As of February 13, 2017

---

**Albuquerque, NM** (Moderate  $\leq$  12.7ppm - Maintenance)  
NEW MEXICO (Region VI)  
Bernalillo Co

**Anchorage, AK** (Serious - Maintenance)  
ALASKA (Region X)  
Anchorage Municipality (P)  
*Portion of Anchorage urban area*

**Atlantic City, NJ** (Not Classified - Maintenance)  
NEW JERSEY (Region II)  
Atlantic Co (P)  
*The City of Atlantic City*

**Bakersfield, CA** (Not Classified - Maintenance)  
CALIFORNIA (Region IX)  
Kern Co (P)

**Baltimore, MD** (Moderate  $\leq$  12.7ppm - Maintenance)  
MARYLAND (Region III)  
Baltimore (City) (P)

**Billings, MT** (Not Classified - Maintenance)  
MONTANA (Region VIII)  
Yellowstone Co (P)  
*Certain ranges and townships*

**Boise-Northern Ada County, ID** (Not Classified - Maintenance)  
IDAHO (Region X)  
Ada Co (P)  
*Northern half of Ada Co*

**Boston, MA** (Moderate  $\leq$  12.7ppm - Maintenance)  
MASSACHUSETTS (Region I)  
Middlesex Co (P)  
*Cities of: Cambridge, Everett, Malden, Medford, and Somerville.*  
Norfolk Co (P)  
*Quincy City*  
Suffolk Co (P)  
*Cities of: Boston, Chelsea, and Revere*

**Burlington, NJ** (Not Classified - Maintenance)  
NEW JERSEY (Region II)  
Burlington Co (P)

*City of Burlington*

**Charlotte, NC (Not Classified - Maintenance)**  
 NORTH CAROLINA (Region IV)  
 Mecklenburg Co

**Chico, CA (Moderate  $\leq$  12.7ppm - Maintenance)**  
 CALIFORNIA (Region IX)  
 Butte Co (P)

**Cleveland, OH (Moderate  $\leq$  12.7ppm - Maintenance)**  
 OHIO (Region V)  
 Cuyahoga Co

**Colorado Springs, CO (Moderate  $\leq$  12.7ppm - Maintenance)**  
 COLORADO (Region VIII)  
 El Paso Co (P)  
 Teller Co (P)

**Denver-Boulder, CO (Serious - Maintenance)**  
 COLORADO (Region VIII)  
 Adams Co (P)  
*Denver Metro Area*  
 Arapahoe Co (P)  
*Denver Metro Area*  
 Boulder Co (P)  
*Denver Metro Area*  
 Broomfield Co  
 Denver Co  
 Douglas Co (P)  
*Denver Metro Area*  
 Jefferson Co (P)  
*Denver Metro Area*

**Detroit, MI (Not Classified - Maintenance)**  
 MICHIGAN (Region V)  
 Macomb Co (P)  
*A portion of Detroit*  
 Oakland Co (P)  
*A portion of Detroit*  
 Wayne Co (P)  
*A portion of Detroit*

**Duluth, MN (Moderate  $\leq$  12.7ppm - Maintenance)**  
 MINNESOTA (Region V)  
 St Louis Co (P)  
*City of Duluth*

**East Chicago, IN (Not Classified - Maintenance)**  
 INDIANA (Region V)  
 Lake Co (P)

**El Paso, TX (Moderate  $\leq$  12.7ppm - Maintenance)**  
 TEXAS (Region VI)  
 El Paso Co (P)  
*Portion of the City Limits of El Paso*

**Eugene-Springfield, OR (Not Classified - Maintenance)**  
 OREGON (Region X)  
 Lane Co (P)  
*Air Quality Maintenance Area*

**Fairbanks, AK (Serious - Maintenance)**

ALASKA (Region X)

Fairbanks North Star Borough (P)

*Portion of Fairbanks urban area***Fort Collins, CO (Moderate  $\leq$  12.7ppm - Maintenance)**

COLORADO (Region VIII)

Larimer Co (P)

**Freehold, NJ (Not Classified - Maintenance)**

NEW JERSEY (Region II)

Monmouth Co (P)

*Borough of Freehold***Fresno, CA (Moderate  $>$  12.7ppm - Maintenance)**

CALIFORNIA (Region IX)

Fresno Co (P)

*Fresno Urbanized Area (11/20/85, 50 FR 47735)***Grants Pass, OR (Moderate  $\leq$  12.7ppm - Maintenance)**

OREGON (Region X)

Josephine Co (P)

*Central Business District***Great Falls, MT (Not Classified - Maintenance)**

MONTANA (Region VIII)

Cascade Co (P)

**Greeley, CO (Not Classified - Maintenance)**

COLORADO (Region VIII)

Weld Co (P)

**Hartford-New Britain-Middletown, CT (Moderate  $\leq$  12.7ppm - Maintenance)**

CONNECTICUT (Region I)

Hartford Co (P)

Litchfield Co (P)

*Plymouth Town*

Middlesex Co (P)

Tolland Co (P)

**Indianapolis, IN (Not Classified - Maintenance)**

INDIANA (Region V)

Marion Co (P)

**Klamath Falls, OR (Moderate  $\leq$  12.7ppm - Maintenance)**

OREGON (Region X)

Klamath Co (P)

*Urban Growth Boundary***Lake Tahoe North Shore, CA (Not Classified - Maintenance)**

CALIFORNIA (Region IX)

Placer Co (P)

**Lake Tahoe South Shore, CA (Moderate  $\leq$  12.7ppm - Maintenance)**

CALIFORNIA (Region IX)

El Dorado Co (P)

**Lake Tahoe, NV (Not Classified - Maintenance)**

NEVADA (Region IX)



Carson City (P)  
*Hydrographic Area 90*  
 Douglas Co (P)  
*Hydrographic Area 90*  
 Washoe Co (P)  
*Hydrographic Area 90*

**Las Vegas, NV (Serious - Maintenance)**  
 NEVADA (Region IX)  
 Clark Co (P)  
*Las Vegas Valley Hydrographic Area 212*

**Longmont, CO (Moderate  $\leq$  12.7ppm - Maintenance)**  
 COLORADO (Region VIII)  
 Boulder Co (P)  
*Portion of Longmont*  
 Weld Co (P)  
*Portion of Longmont*

**Los Angeles-South Coast Air Basin, CA (Serious - Maintenance)**  
 CALIFORNIA (Region IX)  
 Los Angeles Co (P)  
 Orange Co  
 Riverside Co (P)  
 San Bernardino Co (P)

**Lowell, MA (Not Classified - Maintenance)**  
 MASSACHUSETTS (Region I)  
 Middlesex Co (P)  
*Lowell City*

**Manchester, NH (Not Classified - Maintenance)**  
 NEW HAMPSHIRE (Region I)  
 Hillsborough Co (P)  
*City of Manchester*

**Medford, OR (Moderate  $\leq$  12.7ppm - Maintenance)**  
 OREGON (Region X)  
 Jackson Co (P)  
*Medford-Ashland Urban Growth Boundary*

**Memphis, TN (Moderate  $\leq$  12.7ppm - Maintenance)**  
 TENNESSEE (Region IV)  
 Shelby Co

**Minneapolis-St. Paul, MN (Moderate  $\leq$  12.7ppm - Maintenance)**  
 MINNESOTA (Region V)  
 Anoka Co  
 Carver Co (P)  
 Dakota Co (P)  
 Hennepin Co  
 Ramsey Co  
 Scott Co (P)  
 Washington Co (P)  
*All cities and townships except Denmark Township.*  
 Wright Co (P)

**Missoula, MT (Moderate  $\leq$  12.7ppm - Maintenance)**  
 MONTANA (Region VIII)  
 Missoula Co (P)

**Modesto, CA (Moderate  $\leq$  12.7ppm - Maintenance)**  
 CALIFORNIA (Region IX)  
 Stanislaus Co (P)

**Morristown, NJ (Not Classified - Maintenance)**  
 NEW JERSEY (Region II)  
 Morris Co (P)  
*City of Morristown*

**Nashua, NH (Not Classified - Maintenance)**  
 NEW HAMPSHIRE (Region I)  
 Hillsborough Co (P)  
*City of Nashua*

**New Haven-Meriden-Waterbury, CT (Not Classified - Maintenance)**  
 CONNECTICUT (Region I)  
 Fairfield Co (P)  
*Shelton City*  
 Litchfield Co (P)  
*Bethlehem Town, Thomaston Town, Watertown, Woodbury Town.*  
 New Haven Co

**New York-N. New Jersey-Long Island, NY-NJ-CT (Moderate  $>$  12.7ppm - Maintenance)**

CONNECTICUT (Region I)  
 Fairfield Co (P)  
*All cities and townships except Shelton city*  
 Litchfield Co (P)  
*Bridgewater town, New Milford town*

NEW JERSEY (Region II)  
 Bergen Co  
 Essex Co  
 Hudson Co  
 Passaic Co (P)  
*City of Clifton, City of Patterson, City of Passaic*

Union Co  
 NEW YORK (Region II)  
 Bronx Co  
 Kings Co  
 Nassau Co  
 New York Co  
 Queens Co  
 Richmond Co  
 Westchester Co

**Ogden, UT (Moderate  $\leq$  12.7ppm - Maintenance)**  
 UTAH (Region VIII)  
 Weber Co (P)  
*City of Ogden*

**Penns Grove, NJ (Not Classified - Maintenance)**  
 NEW JERSEY (Region II)  
 Salem Co (P)

**Perth Amboy, NJ (Not Classified - Maintenance)**  
 NEW JERSEY (Region II)  
 Middlesex Co (P)  
*City of Perth Amboy*

**Philadelphia-Camden Co, PA-NJ (Moderate  $\leq$  12.7ppm - Maintenance)**  
 NEW JERSEY (Region II)

Camden Co  
PENNSYLVANIA (Region III)  
Philadelphia Co (P)

Phoenix, AZ (Serious - Maintenance)  
ARIZONA (Region IX)  
Maricopa Co (P)

Pittsburgh, PA (Not Classified - Maintenance)  
PENNSYLVANIA (Region III)  
Allegheny Co (P)

Portland, OR (Moderate  $\leq$  12.7ppm - Maintenance)  
OREGON (Region X)  
Clackamas Co (P)  
*Portland Metro Service District Boundary*  
Multnomah Co (P)  
*Portland Metro Service District Boundary*  
Washington Co (P)  
*Portland Metro Service District Boundary*

Provo, UT (Moderate  $>$  12.7ppm - Maintenance)  
UTAH (Region VIII)  
Utah Co (P)  
*City of Provo*

Raleigh-Durham, NC (Moderate  $\leq$  12.7ppm - Maintenance)  
NORTH CAROLINA (Region IV)  
Durham Co  
Wake Co

Reno, NV (Moderate  $\leq$  12.7ppm - Maintenance)  
NEVADA (Region IX)  
Washoe Co (P)  
*Truckee Meadows Hydrographic Area 87*

Sacramento, CA (Moderate  $\leq$  12.7ppm - Maintenance)  
CALIFORNIA (Region IX)  
Placer Co (P)  
Sacramento Co (P)  
Yolo Co (P)

Salem, OR (Not Classified - Maintenance)  
OREGON (Region X)  
Marion Co (P)  
*City of Salem*  
Polk Co (P)  
*City of Salem*

Salt Lake City, UT (Not Classified - Maintenance)  
UTAH (Region VIII)  
Salt Lake Co (P)  
*Salt Lake City*

San Diego, CA (Moderate  $\leq$  12.7ppm - Maintenance)  
CALIFORNIA (Region IX)  
San Diego Co (P)

San Francisco-Oakland-San Jose, CA (Moderate  $\leq$  12.7ppm - Maintenance)  
CALIFORNIA (Region IX)  
Alameda Co (P)

Contra Costa Co (P)  
Marin Co (P)  
Napa Co (P)  
San Francisco Co  
San Mateo Co (P)  
Santa Clara Co (P)  
Solano Co (P)  
Sonoma Co (P)

**Seattle-Tacoma, WA (Moderate > 12.7ppm - Maintenance)**

WASHINGTON (Region X)  
King Co (P)  
Pierce Co (P)  
Snohomish Co (P)

**Somerville, NJ (Not Classified - Maintenance)**

NEW JERSEY (Region II)  
Somerset Co (P)  
*Borough of Somerville*

**Spokane, WA (Serious - Maintenance)**

WASHINGTON (Region X)  
Spokane Co (P)

**Springfield, MA (Not Classified - Maintenance)**

MASSACHUSETTS (Region I)  
Hampden Co (P)  
*Springfield City*

**St. Louis, MO (Not Classified - Maintenance)**

MISSOURI (Region VII)  
St Louis  
St Louis Co (P)  
*The area encompassed by the I-270 and the Mississippi River.*

**Stockton, CA (Moderate <= 12.7ppm - Maintenance)**

CALIFORNIA (Region IX)  
San Joaquin Co (P)

**Syracuse, NY (Moderate <= 12.7ppm - Maintenance)**

NEW YORK (Region II)  
Onondaga Co

**Toms River, NJ (Not Classified - Maintenance)**

NEW JERSEY (Region II)  
Ocean Co (P)  
*City of Toms River*

**Trenton, NJ (Not Classified - Maintenance)**

NEW JERSEY (Region II)  
Mercer Co (P)  
*City of Trenton*

**Tucson, AZ (Not Classified - Maintenance)**

ARIZONA (Region IX)  
Pima Co (P)  
*Portion of Tucson urban area*

**Vancouver, WA (Moderate <= 12.7ppm - Maintenance)**

WASHINGTON (Region X)  
Clark Co (P)

**Waltham, MA (Not Classified - Maintenance)**

MASSACHUSETTS (Region I)

Middlesex Co (P)

*Waltham City***Washington, DC-MD-VA (Moderate  $\leq$  12.7ppm - Maintenance)**

DISTRICT OF COLUMBIA (Region III)

Entire District

MARYLAND (Region III)

Montgomery Co (P)

*Election Districts 4, 7, 13*

Prince George's Co (P)

*Election Districts 2, 6, 12, 16, 17, 18*

VIRGINIA (Region III)

Alexandria

Arlington Co

**Winston-Salem, NC (Moderate  $\leq$  12.7ppm - Maintenance)**

NORTH CAROLINA (Region IV)

Forsyth Co

**Worcester, MA (Not Classified - Maintenance)**

MASSACHUSETTS (Region I)

Worcester Co (P)

*City of Worcester***Yakima, WA (Not Classified - Maintenance)**

WASHINGTON (Region X)

Yakima Co (P)

*Portion of the Central Business District*

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## Nitrogen Dioxide (1971) Maintenance Area (Redesignated from Nonattainment) State/Area/County Report

As of February 13, 2017

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*CALIFORNIA (Region IX)*  
**Los Angeles-South Coast Air Basin, CA (Maintenance)**  
Los Angeles Co (P)  
Orange Co  
Riverside Co (P)  
San Bernardino Co (P)

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## Ohio Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

As of February 13, 2017

Listed by County, NAAQS, Area. The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

Change the State:

OHIO

### Important Notes

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/Part County	Population (2010)	State/County FIPS Codes
<b>OHIO</b>								
Adams Co	PM-2.5 (1997)	Huntington-Ashland, WV-KY-OH	05 06 07 08 09 10 11	12/31/2012	Former Subpart 1	Part	3,355	39/001
Allen Co	8-Hour Ozone (1997)-NAAQS revoked	Lima, OH	04 05 06	06/15/2007	Former Subpart 1	Whole	106,331	39/003
Ashtabula Co	1-Hour Ozone (1979)-NAAQS revoked	Cleveland-Akron-Lorain, OH	92 93 94 95	05/07/1996	Moderate	Whole	101,497	39/007
Ashtabula Co	8-Hour Ozone (1997)-NAAQS revoked	Cleveland-Akron-Lorain, OH	04 05 06 07 08	09/15/2009	Moderate	Whole	101,497	39/007
Ashtabula Co	8-Hour Ozone (2008)	Cleveland-Akron-Lorain, OH	12 13 14 15 16	01/06/2017	Marginal	Whole	101,497	39/007
Ashtabula Co	PM-2.5 (1997)	Cleveland-Akron-Lorain, OH	05 06 07 08 09 10 11 12	09/18/2013	Former Subpart 1	Part	22,514	39/007

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
Belmont Co	8-Hour Ozone (1997)-NAAQS revoked	Wheeling, WV-OH	04 05 06	06/15/2007	Former Subpart 1	Whole	70,400	39/013
Belmont Co	PM-2.5 (1997)	Wheeling, WV-OH	05 06 07 08 09 10 11 12	08/29/2013	Former Subpart 1	Whole	70,400	39/013
Butler Co	1-Hour Ozone (1979)-NAAQS revoked	Cincinnati-Hamilton, OH-KY	92939495969798990001020304	06/14/2005	Moderate	Whole	368,130	39/017
Butler Co	8-Hour Ozone (1997)-NAAQS revoked	Cincinnati-Hamilton, OH-KY-IN	04 05 06 07 08 09	05/11/2010	Former Subpart 1	Whole	368,130	39/017
Butler Co	8-Hour Ozone (2008)	Cincinnati, OH-KY-IN	12 13 14 15	12/16/2016 [Split]	Marginal	Whole	368,130	39/017
Butler Co	PM-2.5 (1997)	Cincinnati-Hamilton, OH-KY-IN (OH portion)	05060708091011121314151617	// [Split]	Moderate	Whole	368,130	39/017
Clark Co	1-Hour Ozone (1979)-NAAQS revoked	Dayton-Springfield, OH	929394	07/05/1995	Moderate	Whole	138,333	39/023
Clark Co	8-Hour Ozone (1997)-NAAQS revoked	Dayton-Springfield, OH	04 05 06	08/13/2007	Former Subpart 1	Whole	138,333	39/023
Clark Co	PM-2.5 (1997)	Dayton-Springfield, OH	05 06 07 08 09 10 11 12	09/26/2013	Former Subpart 1	Whole	138,333	39/023
Clermont Co	1-Hour Ozone (1979)-NAAQS revoked	Cincinnati-Hamilton, OH-KY	92939495969798990001020304	06/14/2005	Moderate	Whole	197,363	39/025



County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Clermont Co	8-Hour Ozone (1997)-NAAQS revoked	Cincinnati-Hamilton, OH-KY-IN	04 05 06 07 08 09	05/11/2010	Former Subpart 1	Whole	197,363	39/025
Clermont Co	8-Hour Ozone (2008)	Cincinnati, OH-KY-IN	12 13 14 15	12/16/2016 [Split]	Marginal	Whole	197,363	39/025
Clermont Co	PM-2.5 (1997)	Cincinnati-Hamilton, OH-KY-IN (OH portion)	05 06 07 08 09 10 11 12 13 14 15 16 17	// [Split]	Moderate	Whole	197,363	39/025
Clermont Co	Sulfur Dioxide (2010)	Campbell-Clermont Counties, KY-OH	13 14 15	11/21/2016 [Split]		Part	14,349	39/025
Clinton Co	1-Hour Ozone (1979)-NAAQS revoked	Clinton Co, OH	92 93 94 95	03/21/1996	Section 185A	Whole	42,040	39/027
Clinton Co	8-Hour Ozone (1997)-NAAQS revoked	Cincinnati-Hamilton, OH-KY-IN	04 05 06 07 08 09	05/11/2010	Former Subpart 1	Whole	42,040	39/027
Clinton Co	8-Hour Ozone (2008)	Cincinnati, OH-KY-IN	12 13 14 15	12/16/2016 [Split]	Marginal	Whole	42,040	39/027
Columbiana Co	1-Hour Ozone (1979)-NAAQS revoked	Columbiana Co, OH	92 93 94	03/10/1995	Incomplete Data	Whole	107,841	39/029
Columbiana Co	8-Hour Ozone (1997)-NAAQS revoked	Youngstown-Warren-Sharon, OH-PA	04 05 06	06/12/2007	Former Subpart 1	Whole	107,841	39/029
Coshocton Co	PM-2.5 (1997)	Columbus, OH	05 06 07 08 09 10 11 12	11/07/2013	Former Subpart 1	Part	1,535	39/031

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
Coshocton Co	Sulfur Dioxide (1971)	Franklin Township (Coshocton County), OH	9293949596979899	07/05/2000		Part	1,229	39/031
Cuyahoga Co	1-Hour Ozone (1979)-NAAQS revoked	Cleveland-Akron-Lorain, OH	92939495	05/07/1996	Moderate	Whole	1,280,122	39/035
Cuyahoga Co	8-Hour Ozone (1997)-NAAQS revoked	Cleveland-Akron-Lorain, OH	0405060708	09/15/2009	Moderate	Whole	1,280,122	39/035
Cuyahoga Co	8-Hour Ozone (2008)	Cleveland-Akron-Lorain, OH	1213141516	01/06/2017	Marginal	Whole	1,280,122	39/035
Cuyahoga Co	Carbon Monoxide (1971)	Cleveland, OH	9293	03/07/1994	Moderate <= 12.7ppm	Whole	1,280,122	39/035
Cuyahoga Co	Lead (2008)	Cleveland, OH	1011121314151617	//		Part	7,816	39/035
Cuyahoga Co	PM-10 (1987)	Cuyahoga Co, OH	929394959697989900	01/10/2001	Moderate	Whole	1,280,122	39/035
Cuyahoga Co	PM-2.5 (1997)	Cleveland-Akron-Lorain, OH	0506070809101112	09/18/2013	Former Subpart 1	Whole	1,280,122	39/035
Cuyahoga Co	PM-2.5 (2006)	Cleveland-Akron-Lorain, OH	09101112	09/18/2013	Former Subpart 1	Whole	1,280,122	39/035
Cuyahoga Co	PM-2.5 (2012)	Cleveland, OH	151617	//	Moderate	Whole	1,280,122	39/035
Cuyahoga Co	Sulfur Dioxide (1971)	Cuyahoga Co, OH	92939495969798990001020304	02/28/2005		Part	996,159	39/035
Delaware Co	1-Hour Ozone (1979)-NAAQS revoked	Columbus, OH	92939495	04/01/1996	Marginal	Whole	174,214	39/041

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
Delaware Co	8-Hour Ozone (1997)-NAAQS revoked	Columbus, OH	04 05 06 07 08	09/15/2009	Former Subpart 1	Whole	174,214	39/041
Delaware Co	8-Hour Ozone (2008)	Columbus, OH	12 13 14 15	12/21/2016	Marginal	Whole	174,214	39/041
Delaware Co	PM-2.5 (1997)	Columbus, OH	05 06 07 08 09 10 11 12	11/07/2013	Former Subpart 1	Whole	174,214	39/041
Fairfield Co	8-Hour Ozone (1997)-NAAQS revoked	Columbus, OH	04 05 06 07 08	09/15/2009	Former Subpart 1	Whole	146,156	39/045
Fairfield Co	8-Hour Ozone (2008)	Columbus, OH	12 13 14 15	12/21/2016	Marginal	Whole	146,156	39/045
Fairfield Co	PM-2.5 (1997)	Columbus, OH	05 06 07 08 09 10 11 12	11/07/2013	Former Subpart 1	Whole	146,156	39/045
Franklin Co	1-Hour Ozone (1979)-NAAQS revoked	Columbus, OH	92 93 94 95	04/01/1996	Marginal	Whole	1,163,414	39/049
Franklin Co	8-Hour Ozone (1997)-NAAQS revoked	Columbus, OH	04 05 06 07 08	09/15/2009	Former Subpart 1	Whole	1,163,414	39/049
Franklin Co	8-Hour Ozone (2008)	Columbus, OH	12 13 14 15	12/21/2016	Marginal	Whole	1,163,414	39/049
Franklin Co	PM-2.5 (1997)	Columbus, OH	05 06 07 08 09 10 11 12	11/07/2013	Former Subpart 1	Whole	1,163,414	39/049
Fulton Co	Lead (2008)	Delta, OH	10 11 12 13 14 15 16 17	//		Part	3,243	39/051
Gallia Co	PM-2.5 (1997)	Huntington-Ashland, WV-KY-OH	05 06 07 08 09 10 11	12/31/2012	Former Subpart 1	Part	4,275	39/053

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/County FIPS Codes
Gallia Co	Sulfur Dioxide (1971)	Addison Township (Gallia County), OH	9293949596979899	07/05/2000		Part	2,197	39/053
Geauga Co	1-Hour Ozone (1979)-NAAQS revoked	Cleveland-Akron-Lorain, OH	92939495	05/07/1996	Moderate	Whole	93,389	39/055
Geauga Co	8-Hour Ozone (1997)-NAAQS revoked	Cleveland-Akron-Lorain, OH	0405060708	09/15/2009	Moderate	Whole	93,389	39/055
Geauga Co	8-Hour Ozone (2008)	Cleveland-Akron-Lorain, OH	1213141516	01/06/2017	Marginal	Whole	93,389	39/055
Greene Co	1-Hour Ozone (1979)-NAAQS revoked	Dayton-Springfield, OH	929394	07/05/1995	Moderate	Whole	161,573	39/057
Greene Co	8-Hour Ozone (1997)-NAAQS revoked	Dayton-Springfield, OH	040506	08/13/2007	Former Subpart 1	Whole	161,573	39/057
Greene Co	PM-2.5 (1997)	Dayton-Springfield, OH	0506070809101112	09/26/2013	Former Subpart 1	Whole	161,573	39/057
Hamilton Co	1-Hour Ozone (1979)-NAAQS revoked	Cincinnati-Hamilton, OH-KY	92939495969798990001020304	06/14/2005	Moderate	Whole	802,374	39/061
Hamilton Co	8-Hour Ozone (1997)-NAAQS revoked	Cincinnati-Hamilton, OH-KY-IN	040506070809	05/11/2010	Former Subpart 1	Whole	802,374	39/061
Hamilton Co	8-Hour Ozone (2008)	Cincinnati, OH-KY-IN	12131415	12/16/2016 [Split]	Marginal	Whole	802,374	39/061

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
Hamilton Co	PM-2.5 (1997)	Cincinnati-Hamilton, OH-KY-IN (OH portion)	05060708091011121314151617	// [Split]	Moderate	Whole	802,374	39/061
Jefferson Co	1-Hour Ozone (1979)-NAAQS revoked	Steubenville, OH	929394	03/10/1995	Section 185A	Whole	69,709	39/081
Jefferson Co	8-Hour Ozone (1997)-NAAQS revoked	Steubenville-Weirton, OH-WV	040506	06/15/2007	Former Subpart 1	Whole	69,709	39/081
Jefferson Co	PM-10 (1987)	Jefferson Co, OH	929394959697989900	01/10/2001	Moderate	Part	3,472	39/081
Jefferson Co	PM-2.5 (1997)	Steubenville-Weirton, OH-WV	0506070809101112	09/18/2013	Former Subpart 1	Whole	69,709	39/081
Jefferson Co	PM-2.5 (2006)	Steubenville-Weirton, OH-WV	09101112	09/18/2013	Former Subpart 1	Whole	69,709	39/081
Jefferson Co	Sulfur Dioxide (1971)	Steubenville & Mingo Junction, OH	92939495969798	09/29/1999		Part	69,712	39/081
Jefferson Co	Sulfur Dioxide (2010)	Steubenville, OH-WV	1314151617	//		Part	38,854	39/081
Knox Co	8-Hour Ozone (1997)-NAAQS revoked	Columbus, OH	0405060708	09/15/2009	Former Subpart 1	Whole	60,921	39/083
Knox Co	8-Hour Ozone (2008)	Columbus, OH	12131415	12/21/2016	Marginal	Whole	60,921	39/083
Lake Co	1-Hour Ozone (1979)-NAAQS revoked	Cleveland-Akron-Lorain, OH	92939495	05/07/1996	Moderate	Whole	230,041	39/085

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Lake Co	8-Hour Ozone (1997)-NAAQS revoked	Cleveland-Akron-Lorain, OH	04 05 06 07 08	09/15/2009	Moderate	Whole	230,041	39/085
Lake Co	8-Hour Ozone (2008)	Cleveland-Akron-Lorain, OH	12 13 14 15 16	01/06/2017	Marginal	Whole	230,041	39/085
Lake Co	PM-2.5 (1997)	Cleveland-Akron-Lorain, OH	05 06 07 08 09 10 11 12	09/18/2013	Former Subpart 1	Whole	230,041	39/085
Lake Co	PM-2.5 (2006)	Cleveland-Akron-Lorain, OH	09 10 11 12	09/18/2013	Former Subpart 1	Whole	230,041	39/085
Lake Co	Sulfur Dioxide (1971)	Lake Co, OH	92 93 94 95 96 97 98	09/29/1999		Part	229,760	39/085
Lake Co	Sulfur Dioxide (2010)	Lake County, OH	13 14 15 16 17	//		Whole	230,041	39/085
Lawrence Co	PM-2.5 (1997)	Huntington-Ashland, WV-KY-OH	05 06 07 08 09 10 11	12/31/2012	Former Subpart 1	Whole	62,450	39/087
Licking Co	1-Hour Ozone (1979)-NAAQS revoked	Columbus, OH	92 93 94 95	04/01/1996	Marginal	Whole	166,492	39/089
Licking Co	8-Hour Ozone (1997)-NAAQS revoked	Columbus, OH	04 05 06 07 08	09/15/2009	Former Subpart 1	Whole	166,492	39/089
Licking Co	8-Hour Ozone (2008)	Columbus, OH	12 13 14 15	12/21/2016	Marginal	Whole	166,492	39/089
Licking Co	PM-2.5 (1997)	Columbus, OH	05 06 07 08 09 10 11 12	11/07/2013	Former Subpart 1	Whole	166,492	39/089
Logan Co	Lead (2008)	Bellefontaine, OH	10 11 12 13	09/26/2014		Part	6,220	39/091

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
Lorain Co	1-Hour Ozone (1979)-NAAQS revoked	Cleveland-Akron-Lorain, OH	92 93 94 95	05/07/1996	Moderate	Whole	301,356	39/093
Lorain Co	8-Hour Ozone (1997)-NAAQS revoked	Cleveland-Akron-Lorain, OH	04 05 06 07 08	09/15/2009	Moderate	Whole	301,356	39/093
Lorain Co	8-Hour Ozone (2008)	Cleveland-Akron-Lorain, OH	12 13 14 15 16	01/06/2017	Marginal	Whole	301,356	39/093
Lorain Co	PM-2.5 (1997)	Cleveland-Akron-Lorain OH	05 06 07 08 09 10 11 12	09/18/2013	Former Subpart 1	Whole	301,356	39/093
Lorain Co	PM-2.5 (2006)	Cleveland-Akron-Lorain, OH	09 10 11 12	09/18/2013	Former Subpart 1	Whole	301,356	39/093
Lorain Co	PM-2.5 (2012)	Cleveland, OH	15 16 17	//	Moderate	Whole	301,356	39/093
Lorain Co	Sulfur Dioxide (1971)	Lorain Co, OH	92 93 94 95 96 97 98 99	07/05/2000		Part	301,074	39/093
Lucas Co	1-Hour Ozone (1979)-NAAQS revoked	Toledo, OH	92 93 94	08/01/1995	Moderate	Whole	441,815	39/095
Lucas Co	8-Hour Ozone (1997)-NAAQS revoked	Toledo, OH	04 05 06	08/09/2007	Former Subpart 1	Whole	441,815	39/095
Lucas Co	Sulfur Dioxide (1971)	Lucas Co, OH	92 93 94 95 96 97 98 99 00 01 02 03	03/18/2004		Part	441,812	39/095
Madison Co	8-Hour Ozone (1997)-NAAQS revoked	Columbus, OH	04 05 06 07 08	09/15/2009	Former Subpart 1	Whole	43,435	39/097

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Madison Co	8-Hour Ozone (2008)	Columbus, OH	12 13 14 15	12/21/2016	Marginal	Whole	43,435	39/097
Mahoning Co	1-Hour Ozone (1979)-NAAQS revoked	Youngstown-Warren-Sharon, OH-PA (OH portion)	92 93 94 95	04/01/1996 [Split]	Marginal	Whole	238,823	39/099
Mahoning Co	8-Hour Ozone (1997)-NAAQS revoked	Youngstown-Warren-Sharon, OH-PA	04 05 06	06/12/2007	Former Subpart 1	Whole	238,823	39/099
Medina Co	1-Hour Ozone (1979)-NAAQS revoked	Cleveland-Akron-Lorain, OH	92 93 94 95	05/07/1996	Moderate	Whole	172,332	39/103
Medina Co	8-Hour Ozone (1997)-NAAQS revoked	Cleveland-Akron-Lorain, OH	04 05 06 07 08	09/15/2009	Moderate	Whole	172,332	39/103
Medina Co	8-Hour Ozone (2008)	Cleveland-Akron-Lorain, OH	12 13 14 15 16	01/06/2017	Marginal	Whole	172,332	39/103
Medina Co	PM-2.5 (1997)	Cleveland-Akron-Lorain OH	05 06 07 08 09 10 11 12	09/18/2013	Former Subpart 1	Whole	172,332	39/103
Medina Co	PM-2.5 (2006)	Cleveland-Akron-Lorain, OH	09 10 11 12	09/18/2013	Former Subpart 1	Whole	172,332	39/103
Miami Co	1-Hour Ozone (1979)-NAAQS revoked	Dayton-Springfield, OH	92 93 94	07/05/1995	Moderate	Whole	102,506	39/109
Miami Co	8-Hour Ozone (1997)-NAAQS revoked	Dayton-Springfield, OH	04 05 06	08/13/2007	Former Subpart 1	Whole	102,506	39/109



County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/County FIPS Codes
Montgomery Co	1-Hour Ozone (1979)-NAAQS revoked	Dayton-Springfield, OH	92 93 94	07/05/1995	Moderate	Whole	535,153	39/113
Montgomery Co	8-Hour Ozone (1997)-NAAQS revoked	Dayton-Springfield, OH	04 05 06	08/13/2007	Former Subpart 1	Whole	535,153	39/113
Montgomery Co	PM-2.5 (1997)	Dayton-Springfield, OH	05 06 07 08 09 10 11 12	09/26/2013	Former Subpart 1	Whole	535,153	39/113
Morgan Co	Sulfur Dioxide (1971)	Center Township (Morgan County), OH	92 93	10/21/1994		Part	15,053	39/115
Morgan Co	Sulfur Dioxide (2010)	Muskingum River, OH	13 14 15 16 17	//		Part	743	39/115
Portage Co	1-Hour Ozone (1979)-NAAQS revoked	Cleveland-Akron-Lorain, OH	92 93 94 95	05/07/1996	Moderate	Whole	161,419	39/133
Portage Co	8-Hour Ozone (1997)-NAAQS revoked	Cleveland-Akron-Lorain, OH	04 05 06 07 08	09/15/2009	Moderate	Whole	161,419	39/133
Portage Co	8-Hour Ozone (2008)	Cleveland-Akron-Lorain, OH	12 13 14 15 16	01/06/2017	Marginal	Whole	161,419	39/133
Portage Co	PM-2.5 (1997)	Cleveland-Akron-Lorain, OH	05 06 07 08 09 10 11 12	09/18/2013	Former Subpart 1	Whole	161,419	39/133
Portage Co	PM-2.5 (2006)	Cleveland-Akron-Lorain, OH	09 10 11 12	09/18/2013	Former Subpart 1	Whole	161,419	39/133

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Preble Co	1-Hour Ozone (1979)-NAAQS revoked	Preble Co, OH	92 93 94	03/10/1995	Section 185A	Whole	42,270	39/135
Scioto Co	PM-2.5 (1997)	Huntington-Ashland, WV-KY-OH	05 06 07 08 09 10 11	12/31/2012	Former Subpart 1	Whole	79,499	39/145
Stark Co	1-Hour Ozone (1979)-NAAQS revoked	Canton, OH	92 93 94 95	04/01/1996	Marginal	Whole	375,586	39/151
Stark Co	8-Hour Ozone (1997)-NAAQS revoked	Canton-Massillon, OH	04 05 06	06/15/2007	Former Subpart 1	Whole	375,586	39/151
Stark Co	PM-2.5 (1997)	Canton-Massillon, OH	05 06 07 08 09 10 11 12	10/22/2013	Former Subpart 1	Whole	375,586	39/151
Stark Co	PM-2.5 (2006)	Canton-Massillon, OH	09 10 11 12	10/22/2013	Former Subpart 1	Whole	375,586	39/151
Summit Co	1-Hour Ozone (1979)-NAAQS revoked	Cleveland-Akron-Lorain, OH	92 93 94 95	05/07/1996	Moderate	Whole	541,781	39/153
Summit Co	8-Hour Ozone (1997)-NAAQS revoked	Cleveland-Akron-Lorain, OH	04 05 06 07 08	09/15/2009	Moderate	Whole	541,781	39/153
Summit Co	8-Hour Ozone (2008)	Cleveland-Akron-Lorain, OH	12 13 14 15 16	01/06/2017	Marginal	Whole	541,781	39/153
Summit Co	PM-2.5 (1997)	Cleveland-Akron-Lorain, OH	05 06 07 08 09 10 11 12	09/18/2013	Former Subpart 1	Whole	541,781	39/153
Summit Co	PM-2.5 (2006)	Cleveland-Akron-Lorain, OH	09 10 11 12	09/18/2013	Former Subpart 1	Whole	541,781	39/153

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Trumbull Co	1-Hour Ozone (1979)-NAAQS revoked	Youngstown-Warren-Sharon, OH-PA (OH portion)	92 93 94 95	04/01/1996 [Split]	Marginal	Whole	210,312	39/155
Trumbull Co	8-Hour Ozone (1997)-NAAQS revoked	Youngstown-Warren-Sharon, OH-PA	04 05 06	06/12/2007	Former Subpart 1	Whole	210,312	39/155
Warren Co	1-Hour Ozone (1979)-NAAQS revoked	Cincinnati-Hamilton, OH-KY	92 93 94 95 96 97 98 99 00 01 02 03 04	06/14/2005	Moderate	Whole	212,693	39/165
Warren Co	8-Hour Ozone (1997)-NAAQS revoked	Cincinnati-Hamilton, OH-KY-IN	04 05 06 07 08 09	05/11/2010	Former Subpart 1	Whole	212,693	39/165
Warren Co	8-Hour Ozone (2008)	Cincinnati, OH-KY-IN	12 13 14 15	12/16/2016 [Split]	Marginal	Whole	212,693	39/165
Warren Co	PM-2.5 (1997)	Cincinnati-Hamilton, OH-KY-IN (OH portion)	05 06 07 08 09 10 11 12 13 14 15 16 17	// [Split]	Moderate	Whole	212,693	39/165
Washington Co	8-Hour Ozone (1997)-NAAQS revoked	Parkersburg-Marietta, WV-OH	04 05 06	06/15/2007	Former Subpart 1	Whole	61,778	39/167
Washington Co	PM-2.5 (1997)	Parkersburg-Marietta, WV-OH	05 06 07 08 09 10 11 12	08/29/2013	Former Subpart 1	Whole	61,778	39/167
Washington Co	Sulfur Dioxide (1971)	Waterford Township (Washington County), OH	92 93	10/21/1994		Part	61,777	39/167
Washington Co	Sulfur Dioxide (2010)	Muskingum River, OH	13 14 15 16 17	//		Part	3,713	39/167

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Wood Co	1-Hour Ozone (1979)-NAAQS revoked	Toledo, OH	929394	08/01/1995	Moderate	Whole	125,488	39/173
Wood Co	8-Hour Ozone (1997)-NAAQS revoked	Toledo, OH	04 05 06	08/09/2007	Former Subpart 1	Whole	125,488	39/173

Important Notes

Discover.

Connect.

Ask.

Follow.

2017-2-13

8-Hr Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Moderate)  
 Westchester Co  
 8-Hr Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Moderate)

**OHIO**

Butler Co  
 PM-2.5 (1997) Cincinnati-Hamilton, OH-KY-IN (OH portion) - (Moderate)  
 Clermont Co  
 PM-2.5 (1997) Cincinnati-Hamilton, OH-KY-IN (OH portion) - (Moderate)  
 Cuyahoga Co  
 Lead (2008) \*Cleveland, OH  
 PM-2.5 (2012) Cleveland, OH - (Moderate)  
 Fulton Co  
 Lead (2008) \*Delta, OH  
 Hamilton Co  
 PM-2.5 (1997) Cincinnati-Hamilton, OH-KY-IN (OH portion) - (Moderate)  
 Jefferson Co  
 Sulfur Dioxide (2010)\*Steubenville, OH-WV  
 Lake Co  
 Sulfur Dioxide (2010) Lake County, OH  
 Lorain Co  
 PM-2.5 (2012) Cleveland, OH - (Moderate)  
 Morgan Co  
 Sulfur Dioxide (2010)\*Muskingum River, OH  
 Warren Co  
 PM-2.5 (1997) Cincinnati-Hamilton, OH-KY-IN (OH portion) - (Moderate)  
 Washington Co  
 Sulfur Dioxide (2010)\*Muskingum River, OH

**OREGON**

Klamath Co  
 PM-2.5 (2006) \*Klamath Falls, OR - (Moderate)  
 Lane Co  
 PM-10 (1987) \*Lane Co, OR - (Moderate)  
 PM-2.5 (2006) \*Oakridge, OR - (Moderate)

**PENNSYLVANIA**

Allegheny Co  
 PM-2.5 (1997) \*Liberty-Clairton, PA - (Moderate)  
 PM-2.5 (2006) \*Liberty-Clairton, PA - (Moderate)  
 PM-2.5 (2012) Allegheny County, PA - (Moderate)  
 Sulfur Dioxide (2010)\*Allegheny, PA  
 8-Hr Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)  
 Armstrong Co  
 Sulfur Dioxide (1971)\*Armstrong Co, PA  
 Sulfur Dioxide (2010)\*Indiana, PA  
 8-Hr Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)  
 Beaver Co  
 Lead (2008) \*Lower Beaver Valley, PA

## Farmland Protection

- The project does not affect any farmland property and does not involve any land use conversion.

## Trina Woodland

---

**From:** Baker, Steven - NRCS, Columbus, OH  
**Sent:** Thursday, February 16, 2017 11:19 AM  
**To:** Trina Woodland  
**Subject:** RE: Request for assistance with environmental review re: hydric soils  
**Attachments:** CadizSewerAD1006.pdf

Hi Trina,

Attached is the Prime Farmland review. You just need to fill out Part I for your project info then keep this with your files as proof you did your prime farmland check with us.

Thanks,

Steve

---

**From:** Trina Woodland [mailto:trinaw@omegadistrict.org]  
**Sent:** Wednesday, February 15, 2017 12:21 PM  
**To:** Baker, Steven - NRCS, Columbus, OH <Steven.Baker@oh.usda.gov>  
**Cc:** Jeannette Wierzbiki <jeannettew@omegadistrict.org>  
**Subject:** Request for assistance with environmental review re: hydric soils

Dear Mr. Baker:

MEGA is the Local Development District that serves Harrison County, and as such we are conducting an environmental review for a CDBG Critical Infrastructure project for the Harrison County Board of Commissioners. The proposed project is to decommission the wastewater treatment plant that currently serves the Harrison County Home, ( a 33-bed facility serving the elderly) located at 42235 Cadiz-Dennison Road, Cadiz, Ohio. A dual pumping station will be installed at the County Home property and 12,100 linear feet of 4-inch HDPE force main will be installed on the north side of US 250 and CR 11 (within the existing right-of-way) where it will then tie into the Village of Cadiz's wastewater system at the intersection of Brokaw and Dennison Avenue on the western edge of the Village of Cadiz. There is a raw water line already installed along this route. The County owns the Home and has indicated that the right-of-way is 60' for the involved roadways.

As part of the environmental review, we are required to conduct a soil survey. Based on the soils map that was retrieved from USDA's Web Soil Survey site, there are three hydric soils present in the project area. I have attached a copy of the soils map and soils data, and circled the codes that indicate the presence of hydric soils. I have also indicated the site of the Harrison County Home and the project area route into the Village of Cadiz. Please refer to the map key in the bottom right hand corner for an explanation of added map symbols.

I am requesting assistance with how to proceed based on the presence of hydric soils in the project area. Please let me know if you need clarification on anything.

I will appreciate any guidance you can provide.

Sincerely,

**FARMLAND CONVERSION IMPACT RATING**

**PART I (To be completed by Federal Agency)**

Date Of Land Evaluation Request **2/15/17**

Name of Project **Harrison County Home Wastewater Treatment Plant**

Federal Agency Involved **HUD**

Proposed Land Use **Install pumping station and pipeline**

County and State **county and state: Harrison Co., Ohio**

**PART II (To be completed by NRCS)**

Date Request Received By NRCS **2/15/17**

Person Completing Form: **Steve Baker**

Does the site contain Prime, Unique, Statewide or Local Important Farmland?  
(If no, the FPPA does not apply - do not complete additional parts of this form)

YES  NO

Acres Irrigated

Average Farm Size

Major Crop(s)

Farmable Land In Govt. Jurisdiction  
Acres: %

Amount of Farmland As Defined in FPPA  
Acres: %

Name of Land Evaluation System Used

Name of State or Local Site Assessment System

Date Land Evaluation Returned by NRCS  
**2/16/17**

**PART III (To be completed by Federal Agency)**

Alternative Site Rating

Site A Site B Site C Site D

A. Total Acres To Be Converted Directly

B. Total Acres To Be Converted Indirectly

C. Total Acres In Site

**PART IV (To be completed by NRCS) Land Evaluation Information**

A. Total Acres Prime And Unique Farmland

B. Total Acres Statewide Important or Local Important Farmland

C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted

D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value

**PART V (To be completed by NRCS) Land Evaluation Criterion**

Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)

**PART VI (To be completed by Federal Agency) Site Assessment Criteria**  
(Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)

Maximum Points

Site A

Site B

Site C

Site D

1. Area In Non-urban Use

(15)

2. Perimeter In Non-urban Use

(10)

3. Percent Of Site Being Farmed

(20)

4. Protection Provided By State and Local Government

(20)

5. Distance From Urban Built-up Area

(15)

6. Distance To Urban Support Services

(15)

7. Size Of Present Farm Unit Compared To Average

(10)

8. Creation Of Non-farmable Farmland

(10)

9. Availability Of Farm Support Services

(5)

10. On-Farm Investments

(20)

11. Effects Of Conversion On Farm Support Services

(10)

12. Compatibility With Existing Agricultural Use

(10)

TOTAL SITE ASSESSMENT POINTS

160

0

0

0

0

**PART VII (To be completed by Federal Agency)**

Relative Value Of Farmland (From Part V)

100

0

0

0

0

Total Site Assessment (From Part VI above or local site assessment)

160

0

0

0

0

TOTAL POINTS (Total of above 2 lines)

260

0

0

0

0

Site Selected:

Date Of Selection

Was A Local Site Assessment Used?

YES

NO

Reason For Selection:

**NRCS Note: Not Subject to FPPA Work to take place in ROW and areas committed to urban development**

Name of Federal agency representative completing this form: **Trina Woodland - OMEGA**

Date: **2/16/17**

(See Instructions on reverse side)



## STEPS IN THE PROCESSING THE FARMLAND AND CONVERSION IMPACT RATING FORM

- Step 1 - Federal agencies (or Federally funded projects) involved in proposed projects that may convert farmland, as defined in the Farmland Protection Policy Act (FPPA) to nonagricultural uses, will initially complete Parts I and III of the form. For Corridor type projects, the Federal agency shall use form NRCS-CPA-106 in place of form AD-1006. The Land Evaluation and Site Assessment (LESA) process may also be accessed by visiting the FPPA website, <http://fppa.nrcs.usda.gov/lesa/>
- Step 2 - Originator (Federal Agency) will send one original copy of the form together with appropriate scaled maps indicating location(s) of project site(s), to the Natural Resources Conservation Service (NRCS) local Field Office or USDA Service Center and retain a copy for their files. (NRCS has offices in most counties in the U.S. The USDA Office Information Locator may be found at [http://offices.usda.gov/scripts/ndISAPI.dll/oin\\_public/USA\\_map](http://offices.usda.gov/scripts/ndISAPI.dll/oin_public/USA_map), or the offices can usually be found in the Phone Book under U.S. Government, Department of Agriculture. A list of field offices is available from the NRCS State Conservationist and State Office in each State.)
- Step 3 - NRCS will, within 10 working days after receipt of the completed form, make a determination as to whether the site(s) of the proposed project contains prime, unique, statewide or local important farmland. (When a site visit or land evaluation system design is needed, NRCS will respond within 30 working days.
- Step 4 - For sites where farmland covered by the FPPA will be converted by the proposed project, NRCS will complete Parts II, IV and V of the form.
- Step 5 - NRCS will return the original copy of the form to the Federal agency involved in the project, and retain a file copy for NRCS records.
- Step 6 - The Federal agency involved in the proposed project will complete Parts VI and VII of the form and return the form with the final selected site to the servicing NRCS office.
- Step 7 - The Federal agency providing financial or technical assistance to the proposed project will make a determination as to whether the proposed conversion is consistent with the FPPA.

## INSTRUCTIONS FOR COMPLETING THE FARMLAND CONVERSION IMPACT RATING FORM (For Federal Agency)

**Part I:** When completing the "County and State" questions, list all the local governments that are responsible for local land use controls where site(s) are to be evaluated.

**Part III:** When completing item B (Total Acres To Be Converted Indirectly), include the following:

1. Acres not being directly converted but that would no longer be capable of being farmed after the conversion, because the conversion would restrict access to them or other major change in the ability to use the land for agriculture.
2. Acres planned to receive services from an infrastructure project as indicated in the project justification (e.g. highways, utilities planned build out capacity) that will cause a direct conversion.

**Part VI:** Do not complete Part VI using the standard format if a State or Local site assessment is used. With local and NRCS assistance, use the local Land Evaluation and Site Assessment (LESA).

1. Assign the maximum points for each site assessment criterion as shown in § 658.5(b) of CFR. In cases of corridor-type project such as transportation, power line and flood control, criteria #5 and #6 will not apply and will, be weighted zero, however, criterion #8 will be weighed a maximum of 25 points and criterion #11 a maximum of 25 points.
2. Federal agencies may assign relative weights among the 12 site assessment criteria other than those shown on the FPPA rule after submitting individual agency FPPA policy for review and comment to NRCS. In all cases where other weights are assigned, relative adjustments must be made to maintain the maximum total points at 160. For project sites where the total points equal or exceed 160, consider alternative actions, as appropriate, that could reduce adverse impacts (e.g. Alternative Sites, Modifications or Mitigation).

**Part VII:** In computing the "Total Site Assessment Points" where a State or local site assessment is used and the total maximum number of points is other than 160, convert the site assessment points to a base of 160.

Example: if the Site Assessment maximum is 200 points, and the alternative Site "A" is rated 180 points:

$$\frac{\text{Total points assigned Site A}}{\text{Maximum points possible}} = \frac{180}{200} \times 160 = 144 \text{ points for Site A}$$

For assistance in completing this form or FPPA process, contact the local NRCS Field Office or USDA Service Center.

NRCS employees, consult the FPPA Manual and/or policy for additional instructions to complete the AD-1006 form.

## Noise Abatement and Control

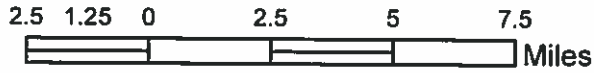
This section includes:

- [ODOT Traffic Count Data](#)
- [Ohio Airport Information](#)
- [Airport Maps](#)
- [Railroad Crossing Query Results](#)

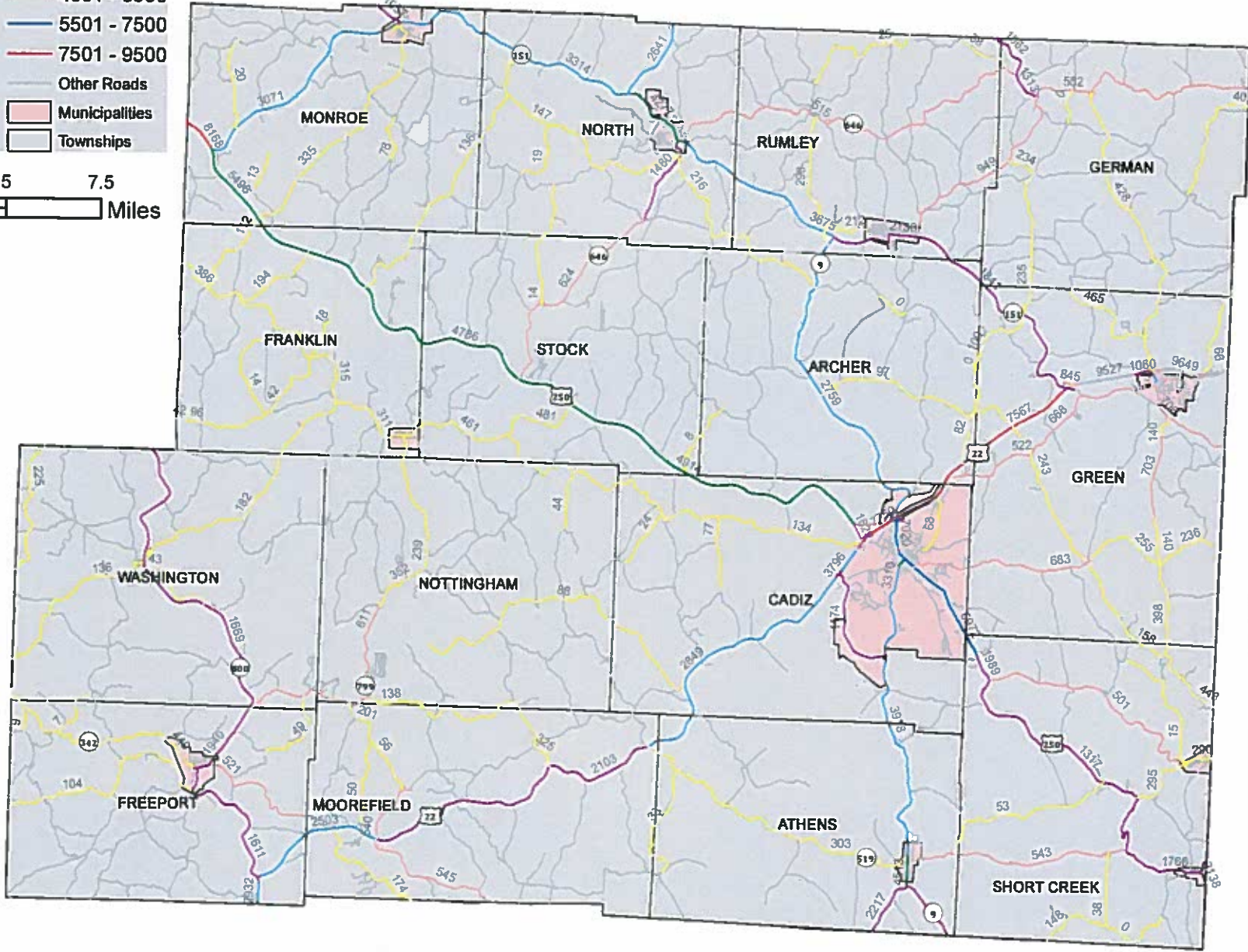
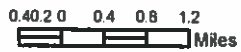
# Harrison County Annual Average Daily Traffic 2015

- 2015 Annual Average Daily Traffic**
- 0 - 500
  - 501 - 1000
  - 1001 - 2500
  - 2501 - 4000
  - 4001 - 5500
  - 5501 - 7500
  - 7501 - 9500

- Other Roads
- Municipalities
- Townships



Cadiz



2014 HARRISON COUNTY 1  
AVERAGE 24-HR TRAFFIC VOLUME

SECT. BEGINS	TRAFFIC SECTION	SECT. LENGTH	PASS & A COM'L	B & C COM'L	TOTAL VEH.
SR-9					
	00.00 BELMONT CO. LINE	1.31	2250	160	2410
	01.31 SR 149	.54	3800	650	4450
U	01.85 SR 519 (WHEELING ST.) IN NEW ATHENS	4.64	3300	560	3860
U	06.49 S. CORP. CADIZ	1.84	3080	190	3270
U	08.33 ST. CLAIR AVE. ENTER MAIN ST.	.18	4720	410	5130
	08.51 US 250 ENTER LINCOLN AVE.	.82	SEE PREFERRED ROUTE		
U	09.33 US 250	7.22	2470	220	2690
	16.55 SR 151	1.83	1860	240	2100
U	18.38 SR 151 ENTER JEFFERSON ST. IN JEWETT	4.30	850	80	930
	22.68 SR 646	.59	1180	110	1290
	23.27 SR 646	1.01	770	280	1050
	24.28 EQUALS STA. 0.00 IN CARROLL CO.	.00			
US-22					
	00.00 GUERNSEY CO. LINE	.51	2580	270	2850
	00.51 SR 800	2.86	1930	490	2420
	03.37 SR 331	6.52	1600	430	2030
	09.89 SR 519	3.29	2200	550	2750
	13.18 T-320 (ARNOLD RD.)	3.46	2980	680	3660
	16.64 US 250	.85	5680	1810	7490
	17.49 US 250	4.39	5760	1550	7310
	21.88 SR 151	1.74	7880	1330	9210
U	23.62 SR 151 IN HOPEDALE	1.61	8220	1100	9320
	25.23 EQUALS STA. 0.00 IN JEFFERSON CO.	.00			
SR-149					
	00.00 BELMONT CO. LINE	1.21	1550	540	2090
	01.21 ROUTE ENDS AT SR 9	.00			
SR-151					
	00.00 US 250	4.58	2710	320	3030
U	04.58 W. CORP. BOWERSTON	.38	2790	350	3140
U	04.96 SR 212	5.27	2900	370	3270
	10.23 SR 332	1.32	3790	380	4170
U	11.55 EASTPORT ST. IN SCIO	.18	4450	480	4930
U	11.73 SR 646	.05	4570	500	5070
U	11.78 SR 646	3.81	3230	350	3580
	15.59 SR 9	1.83	SEE PREFERRED ROUTE		
U	17.42 SR 9 / US 22 AT 22.46 IN JEWETT	5.20	1590	230	1820
	22.62 C-23 (GABLE RD.) ENTER RAMP	.13	1460	160	1620

2014 HARRISON COUNTY 2  
AVERAGE 24-HR TRAFFIC VOLUME

SECT. BEGINS	TRAFFIC SECTION	SECT. LENGTH	PASS & A COM'L	B & C COM'L	TOTAL VEH.
SR-151 (Cont'd)					
	22.75 US 22	1.26	SEE PREFERRED ROUTE		
	24.01 US 22 ENTER RAMP	.27	2030	130	2160
U	24.28 RAMP ENTR MILLERS STATION IN HOPEDALE	.22	2630	150	2780
U	24.50 MAIN ST. ENTER CADIZ-STEUBENVILLE RD.	2.13	630	70	700
	26.63 EQUALS STA. 0.00 IN JEFFERSON CO.	.00			
SR-151 INTERCHANGE CONNECTOR					
	00.00 ROUTE BEGINS AT SR 151	.03	2700	240	2940
	00.03 ROUTE ENDS AT C-4	.00			
SR-212					
	00.00 CARROLL CO. LINE	.58	1550	100	1650
	00.58 ROUTE ENDS AT SR 151 IN BOWERSTON	.00			
US-250					
	00.00 TUSCARAWAS CO. LINE	.77	6480	1410	7890
	00.77 SR 151	4.38	4110	1190	5300
	05.15 C-25 (BEAVER DAM RD.)	4.13	3730	890	4620
	09.28 SR 646	8.43	3920	830	4750
	17.71 C-2 (DEERSVILLE AVE.) ENTER RAMP	.20	2370	1120	3490
	17.91 US 22	1.03	SEE PREFERRED ROUTE		
	18.94 US 22 ENTER RAMP	.23	2110	310	2420
U	19.17 N. CORP. CADIZ SR 9	.67	6200	720	6920
U	19.84 LINCOLN AVE. ENTER MARKET ST.	.15	7250	840	8090
U	19.99 SR 9 (MAIN ST.)	2.04	6520	350	6870
	22.03 S.E. CORP. CADIZ	1.02	1780	180	1960
	23.05 C-15 (FOX'S BOTTOM RD.)	6.03	1180	120	1300
	29.08 SR 519	1.73	1520	220	1740
U	30.81 CHERRY ST. IN HARRISVILLE	.22	2850	190	3040
	31.03 EQUALS STA. 0.00 IN JEFFERSON CO.	.00			
SR-258					
	00.00 TUSCARAWAS CO. LINE	3.02	200	10	210
	03.02 EQUALS STA. 19.45 IN TUSCARAWAS CO.	.00			
SR-331					
	00.00 US 22	3.05	510	20	530
	03.05 EQUALS STA. 0.00 IN BELMONT CO.	.00			

2014 HARRISON COUNTY 3  
 AVERAGE 24-HR TRAFFIC VOLUME

SECT. BEGINS	TRAFFIC SECTION	SECT. LENGTH	PASS & A COM'L	B & C COM'L	TOTAL VEH.
SR-332					
00.00	SR 151	1.77	2250	370	2620
01.77	EQUALS STA. 0.00 IN CARROLL CO.	.00			
SR-342					
00.00	TUSCARAWAS CO. LINE	4.78	410	40	450
U 04.78	HIGH ST. ENTER MAIN ST. IN FREEPORT	.09	910	90	1000
04.87	ROUTE ENDS AT SR 800 IN FREEPORT	.00			
SR-519					
00.00	US 22	6.42	260	40	300
U 06.42	SR 9 (MAIN ST.) IN NEW ATHENS	4.66	470	70	540
11.08	ROUTE ENDS AT US 250	.00			
SR-646					
00.00	US 250	4.65	500	110	610
04.65	C-44 (GUNDY RIDGE RD.)	1.74	1330	130	1460
U 06.39	COLLEGE ST. IN SCIO	.14	1490	150	1640
06.53	SR 151 ENTER MAIN ST.	.05	SEE PREFERRED ROUTE		
U 06.58	SR 151 ENTER HUMLEY ST.	8.23	430	60	490
14.81	SR 9	.59	SEE PREFERRED ROUTE		
15.40	SR 9	4.92	500	30	530
20.32	EQUALS STA. 0.00 IN JEFFERSON CO.	.00			
SR-799					
00.00	SR 800	4.80	550	50	600
04.80	T-311 (KOVAL RD.)	1.25	310	40	350
06.05	ROUTE ENDS AT C-60 (REDEYE RD.)	.00			
SR-800					
00.00	GUERNSEY CO. LINE US 22	.51	SEE PREFERRED ROUTE		
00.51	US 22	3.31	1390	180	1570
U 03.82	SR 342 ENTER MAIN ST. IN FREEPORT	1.64	1540	350	1890
05.46	SR 799	6.93	1360	270	1630
12.39	EQUALS STA. 0.00 IN TUSCARAWAS CO.	.00			



Airports

Nav aids

Airspace Fixes

Aviation Fuel

iPhone App

My AirNav

1723 users online LOGIN

## 8G6 Harrison County Airport

Cadiz, Ohio, USA



### GOING TO CADIZ?

## FAA INFORMATION EFFECTIVE 02 MARCH 2017

[Loc](#) | [Ons](#) | [Rwys](#) | [IFR](#) | [FBO](#) | [Links](#)  
[Com](#) | [Nav](#) | [Svcs](#) | [Stats](#) | [Notes](#)

### Location

FAA Identifier: 8G6

Lat/Long: 40-14-18.1000N / 081-00-46.4000W

40-14.301667N / 081-00.773333W

40.2383611 / -81.0128889

(estimated)

Elevation: 1173.7 ft. / 357.7 m (surveyed)

Variation: 08W (2000)

From city: 2 miles S of CADIZ, OH

Time zone: UTC -5 (UTC -4 during Daylight Saving Time)

Zip code: 43907

### Airport Operations

Airport use: Open to the public

Activation date: 11/1960

Control tower: no

ARTCC: CLEVELAND CENTER

FSS: CLEVELAND FLIGHT SERVICE STATION

NOTAMS facility: CLE (NOTAM-D service available)

Attendance: MON-SAT 0900-1700

Wind indicator: lighted

Segmented circle: no

Lights: ACTVT MIRL RY 13/31 AND PAPI'S RYS 13 AND 31 - CTAF.

Beacon: white-green (lighted land airport)

Operates sunset to sunrise.

### Airport Communications

CTAF/UNICOM: 122.8

WX ASOS at HLG (17 nm E): 127.375 (304-277-3504)

- APCH/DEP SERVICE PROVIDED BY CLEVELAND ARTCC ON FREQS 126.95/239.30 (BELMONT RCAG).

**Fuel Prices in Your Pocket**

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iPhone App

- Save searches for in-flight/offline use
- Write comments and update prices on the spot
- Confirm fuel prices when you pay

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Leave your AirBoss card at home? Use the App!

Click below to watch the video

**YouTube**



Road maps at: [MapQuest](#) [Bing](#) [Google](#)

### Aerial photo

WARNING: Photo may not be current or correct

## Nearby radio navigation aids

### VOR radial/distance

VOR name	Freq	Var
<a href="#">AIR</a> r333/16.0	BELLAIRE VOR/DME 117.10	07W
<a href="#">HLG</a> r273/20.4	WHEELING VOR/DME 112.20	07W
<a href="#">CTW</a> r096/21.2	NEWCOMERSTOWN VOR/DME 111.80	07W
<a href="#">BSV</a> r152/35.7	BRIGGS VOR/DME 112.40	04W

### NDB name Hdg/Dist Freq Var ID

[CADIZ](#) at field 239 07W CFX -.-. .-. .-. .-

## Airport Services

- Fuel available: 100LL
- Parking: tie-downs
- Airframe service: MAJOR
- PAINT SHOP ON FIELD. 740-942-3216.
- Powerplant service: MAJOR
- Bottled oxygen: NONE
- Bulk oxygen: NONE

## Runway Information

### Runway 13/31

Dimensions: 4154 x 75 ft. / 1266 x 23 m  
 Surface: asphalt, in poor condition  
 EXTENSIVE PVMT CRACKING,  
 VEGETATION GROWING THROUGH  
 CRACKS.

Weight bearing capacity: Single wheel: 30.0

Runway edge lights: medium intensity

#### RUNWAY 13

Latitude: 40-14.505017N

Longitude: 081-01.132583W

Elevation: 1173.4 ft.

Gradient: 1.6%

Traffic pattern: left

Runway heading: 134 magnetic, 126 true

Displaced threshold: 874 ft.

Markings: nonprecision, in good condition

Visual slope indicator: 2-light PAPI on left (4.00 degrees glide path)

Runway end identifier lights: no

Touchdown point: yes, no lights

Obstructions: 11 ft. hill, 201 ft. from runway, 105 ft. both sides of centerline  
 0-40 FT HILL 0-200

#### RUNWAY 31

Latitude: 40-14.099647N

Longitude: 081-00.413732W

Elevation: 1105.1 ft.

Gradient: 1.6% UP

Traffic pattern: left

Runway heading: 314 magnetic, 306 true

Displaced threshold: 410 ft.

Markings: nonprecision, in good condition

Visual slope indicator: 2-light PAPI on left (4.00 degrees glide path)

Runway end identifier lights: no

Touchdown point: yes, no lights

Obstructions: 21 ft. tree, 250 ft. from runway, 150 ft. left of centerline, 2:1 slope to clear  
 6 FT MOUND 115-200



Do you have a better or more recent aerial photo of Harrison County Airport that you would like to share? If so, please [send us your photo](#).

## Sectional chart



## Airport distance calculator

Flying to Harrison County Airport? Find the distance to fly.

From  to 8G6

[CALCULATE DISTANCE](#)

## Sunrise and sunset

Times for 03-Mar-2017

	Local (UTC-5)	Zulu (UTC)
Morning civil twilight	06:28	11:28
Sunrise	06:56	11:56
Sunset	18:17	23:17
Evening civil twilight	18:44	23:44

## Current date and time

Zulu (UTC)	03-Mar-2017 17:09:26
Local (UTC-5)	03-Mar-2017 12:09:26

## METAR

**KHLG** 031700Z 28013G25KT 3/4SM  
 17nm E R03/3000VP6000FT -SN SCT022  
 BKN033 OVC080 M03/M08 A3039  
 RMK AO2 VIS 1/4V5 P0000  
 T10331078

**KPHD** 031701Z AUTO 31015G27KT 1  
 23nm NW 1/2SM -SN SCT018 BKN023 BKN030  
 M03/M06 A3045 RMK AO2 PK WND  
 28027/1655 SNB1657 P0000  
 T10331061



FT FM 100 FT LEFT FT FM 165-250 FT  
- 140 FT RIGHT. LEFT.

**KCDI** 031652Z AUTO 30007G18KT 10SM  
30nm SW SCT031 BKN037 BKN043 M01/M07  
A3047 RMK AO2 T10111074

## Airport Ownership and Management from official FAA records

Ownership: Publicly-owned

Owner: HARRISON CO ARPT AUTH  
43000 AIRPORT RD  
CADIZ, OH 43907  
Phone 740-942-2316

Manager: DARRIN LEAS  
43000 AIRPORT ROAD  
CADIZ, OH 43907  
Phone 740-942-2316

## TAF

**KHLG** 031131Z 0312/0412 28010KT P6SM  
17nm E SCT050 FM031700 30013G25KT 6SM -  
SN BKN035 TEMPO 0317/0319 3SM -  
SN BKN015 FM040200 29010KT P6SM  
OVC025 FM040900 30012G18KT P6SM  
BKN035

## NOTAMs

▼ [Click for the latest NOTAMs](#)  
NOTAMs are issued by the DoD/FAA and will open in a separate window not controlled by AirNav.

## Airport Operational Statistics

Aircraft based on the field: 24	Aircraft operations: avg 96/week *
Single engine airplanes: 22	79% transient general aviation
Gliders airplanes: 1	20% local general aviation
Ultralights: 1	1% military

\* for 12-month period ending 07 July 2016

## Additional Remarks

- APCH/ DEP SVC PRVVD BY CLEVELAND ARTCC (ZOB) ON 126.95/239.3 OR PH# 440-774-0226.

## Instrument Procedures

NOTE: All procedures below are presented as PDF files. If you need a reader for these files, you should [download](#) the free Adobe Reader.

**NOT FOR NAVIGATION.** Please procure official charts for flight.

FAA instrument procedures published for use between 2 March 2017 at 0901Z and 30 March 2017 at 0900Z.

### IAPs - Instrument Approach Procedures

RNAV (GPS) RWY 13

[download](#) (171KB)

RNAV (GPS) RWY 31

[download](#) (176KB)

VOR-A

[download](#) (145KB)

NOTE: Special Take-Off Minimums/Departure Procedures apply

[download](#) (164KB)

Other nearby airports with instrument procedures:

[2P7](#) - Alderman Airport (11 nm S)

[2G2](#) - Jefferson County Airpark (16 nm NE)

[6G5](#) - Barnesville-Bradfield Airport (16 nm SW)

[KHLG](#) - Wheeling Ohio County Airport (17 nm E)

[KTSO](#) - Carroll County-Tolson Airport (20 nm N)

## FBO, Fuel Providers, and Aircraft Ground Support

**Business Name**

**Contact**

**Services / Description**

**Fuel Prices**

**Comments**

no information available

 **DESAPI Air Services**

740-942-2316

If you are affiliated with DESAPI Air Services and would like to show here your services, contact info, web link, logo, and more, [click here](#)

100LL  
SS \$4.93  
Updated 24-Feb-2017

not yet rated  
1 [read](#) [write](#)

**SS=Self service**

**UPDATE PRICES**

### Would you like to see your business listed on this page?

If your business provides an interesting product or service to pilots, flight crews, aircraft, or users of the Harrison County Airport, you should consider listing it here. To start the listing process, click on the button below

**ADD YOUR BUSINESS OR SERVICE**

### Other Pages about Harrison County Airport

[users.1st.net/...](#)

**UPDATE, REMOVE OR ADD A LINK**

Airport Name:	<b>HARRISON COUNTY</b>	Associated City:	<b>CADIZ</b>
FAA Site:	<b>17664.2*A</b>	Location Identifier:	<b>8G6</b>
NPIAS Number:	<b>39-0012</b>	Hub Type:	
Service Level:	<b>General Aviation</b>		



Data Effective Date: 03/02/2017

Provided By GCR Inc.

<b>General Information</b>	<b>Services &amp; Facilities</b>	<b>Based Aircraft &amp; Operations</b>	<b>Runway Information</b>	<b>Remarks</b>
----------------------------	----------------------------------	--	---------------------------	----------------

CBD To Airport(NM) & Direction: 02 S

County: HARRISON

FAA Region / ADO Code: AGL DET

Sectional Aeronautical Chart:

**DETROIT**

Ownership: PUBLIC

Owner:

**HARRISON CO ARPT AUTH**  
**43000 AIRPORT RD**  
**CADIZ, OH 43907**  
**740-942-2316**

Manager:

**DARRIN LEAS**  
**43000 AIRPORT ROAD**  
**CADIZ, OH 43907**  
**740-942-2316**

Attendance Schedule:

MONTHS	DAYS	HOURS
ALL	MON-SAT	0900-1700

Airport Use: PUBLIC

Airport Latitude: 40-14-18.1000N ESTIMATED

Airport Longitude: 081-00-46.4000W

Airport Elevation: 1173.7 SURVEYED

Acreage: 72

Right Traffic: NO

Non-Commercial Landing Fee: NO

NPIAS/Federal Agreement: N

FAR 139 Index:

Last Inspection Date: 07/07/2016

Last Information Request:



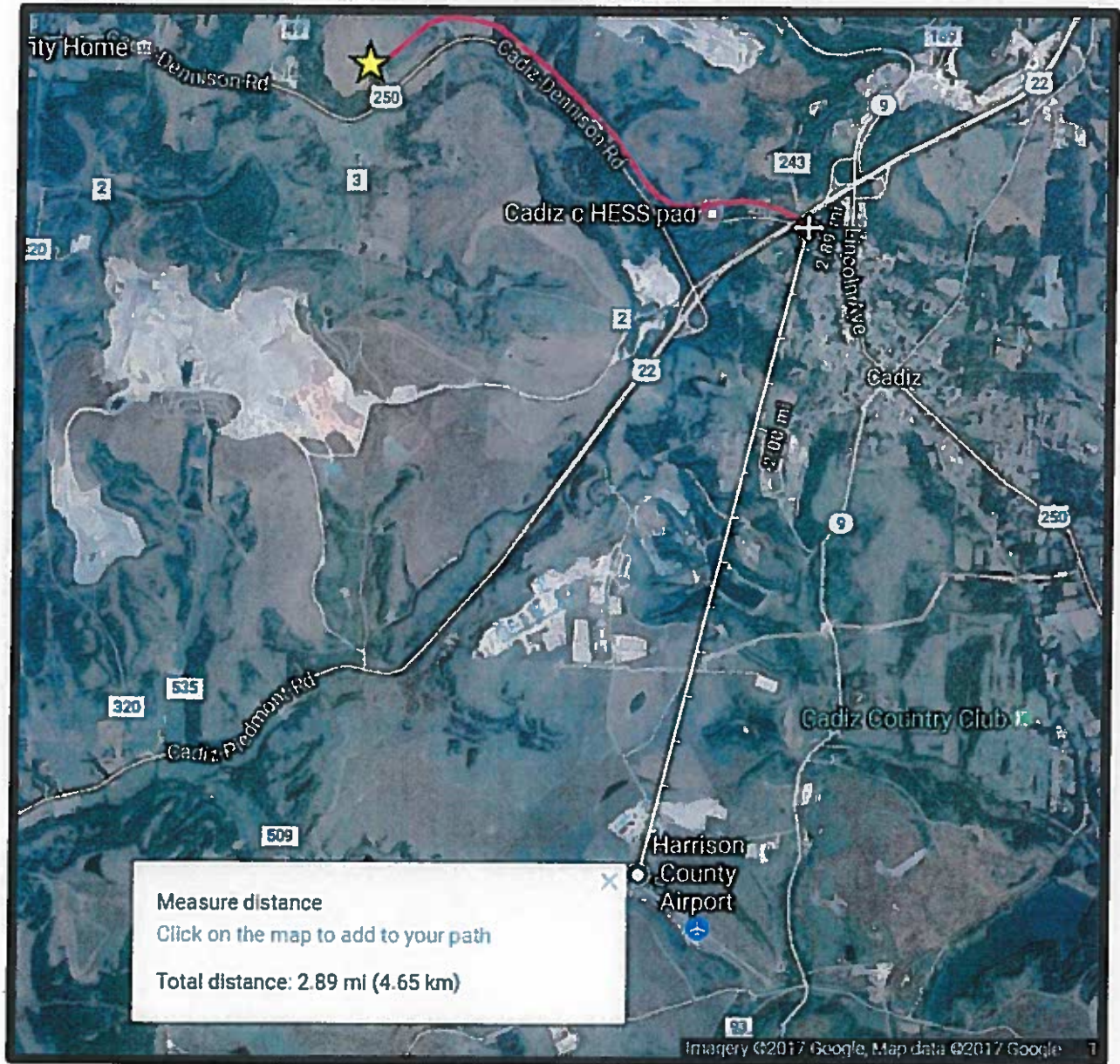
Google

Map data ©2017 Google Imagery Report a map error

Click on the weather icons for an additional information

[Open larger map](#)

# Harrison County Wastewater Treatment Plant Project Distance from Harrison County Airport



Airport location: 43000 Airport Road, Cadiz, OH 43907

Harrison County Home =	★
Project Route =	—
Manhole Tie-in Spot =	⬡
(Village of Cadiz, Intersection of Brokaw and Dennison)	



There are **43** items in your query.

To view detailed information on a specific crossing site, click on the AARDOT number link. To sort the list, click on a column title link. The list is sorted in ascending order by the column displayed with a gray background.

HARRISON County Crossings							
<a href="#">ID</a>	<a href="#">AARDOT</a>	<a href="#">Street Name</a>	<a href="#">Highway</a>	<a href="#">Railroad</a>	<a href="#">LHA</a>	<a href="#">Ownership</a>	<a href="#">Position</a>
<a href="#">1158</a>	473046U	HURFORD RD	TR74	Wheeling & Lake Erie Railway Co	SHORT CREEK TWP	Public	At-Grade
<a href="#">1159</a>	473047B	SPRINGDALE HILL RD	TR79	Wheeling & Lake Erie Railway Co	GREEN TWP	Public	At-Grade
<a href="#">1160</a>	473049P	UNIONVALE-KENWOOD RD	CR13	Wheeling & Lake Erie Railway Co	HARRISON COUNTY	Public	At-Grade
<a href="#">1161</a>	473056A	UPPER-CLEARFORK RD	CR13	Wheeling & Lake Erie Railway Co	HARRISON COUNTY	Public	At-Grade
<a href="#">1162</a>	473058N	OLD HOPEDALE RD	CR5	Wheeling & Lake Erie Railway Co	HARRISON COUNTY	Public	At-Grade
<a href="#">1163</a>	473076L	BOYCE DR	SR151-5.16	Wheeling & Lake Erie Railway Co	VILLAGE OF BOWERSTON	Public	At-Grade
<a href="#">1287</a>	472918D	Main Street	CR 5	Wheeling & Lake Erie Railway Co	VILLAGE OF HOPEDALE	Public	At-Grade
<a href="#">2513</a>	510731N	CENTER ST	SR9/151-17.80	Columbus & Ohio River Railroad Co	VILLAGE OF JEWETT	Public	At-Grade
<a href="#">2514</a>	510732V	SOUTH CADIZ ST		Columbus & Ohio River Railroad Co	VILLAGE OF JEWETT	Public	At-Grade
<a href="#">2515</a>	510735R	BRADDOCK RD	TR173	Columbus & Ohio River Railroad Co	GERMAN TWP	Public	At-Grade
<a href="#">2516</a>	510736X	TIPTON RD	TR175	Columbus & Ohio River Railroad Co	GERMAN TWP	Public	At-Grade

<a href="#">2517</a>	510737E	SINFIELD RD	TR171	Columbus & Ohio River Railroad Co	GERMAN TWP	Public	At-Grade
<a href="#">2518</a>	510738L	MILLER STATION RD	CR 4	Columbus & Ohio River Railroad Co	HARRISON COUNTY	Public	At-Grade
<a href="#">2523</a>	510719G	CALDWELL RD	TR198	Columbus & Ohio River Railroad Co	MONROE TWP	Public	At-Grade
<a href="#">2524</a>	510724D	CONOTTON RD	CR25	Columbus & Ohio River Railroad Co	HARRISON COUNTY	Public	At-Grade
<a href="#">2525</a>	510725K	EASTPORT ST		Columbus & Ohio River Railroad Co	VILLAGE OF SCIO	Public	At-Grade
<a href="#">2526</a>	510726S	MAIN ST	SR646-6.53	Columbus & Ohio River Railroad Co	VILLAGE OF SCIO	Public	At-Grade
<a href="#">2527</a>	510727Y	HAVOVER RD	TR237	Columbus & Ohio River Railroad Co	NORTH TWP	Public	At-Grade
<a href="#">2528</a>	510729M	NEW RUMLEY RD	CR50	Columbus & Ohio River Railroad Co	HARRISON COUNTY	Public	At-Grade
<a href="#">2532</a>	510689S	MCAFEE RD	TR178	Columbus & Ohio River Railroad Co	GREEN TWP	Public	At-Grade
<a href="#">2533</a>	510690L	NEMETH RD	TR552	Columbus & Ohio River Railroad Co	GREEN TWP	Public	At-Grade
<a href="#">2534</a>	510692A	UPPER CLEARFORK RD	CR13	Columbus & Ohio River Railroad Co	HARRISON COUNTY	Public	At-Grade
<a href="#">2725</a>	510683B	TIPTON RD	TR175	Columbus & Ohio River Railroad Co	GREEN TWP	Public	At-Grade
<a href="#">2726</a>	510688K	JEWETT-HOPEDALE RD	SR 151-21.84	Columbus & Ohio River Railroad Co	STATE	Public	At-Grade
<a href="#">2988</a>	503261R	ANNAPOLIS ROAD	SR646-17.94	OHI-RAIL Corp	STATE	Public	At-Grade
<a href="#">3002</a>	503256U	BLUERIDGE RD	TR165	OHI-RAIL Corp	GERMAN TWP	Public	At-Grade
<a href="#">3003</a>	503260J	TOKER/MADER RD	TR159/164	OHI-RAIL Corp	GERMAN TWP	Public	At-Grade

<a href="#">10124</a>	503191D	AUSTIN POWDER COMPANY		Ohio Central Railroad, Inc.		Private	At-Grade
<a href="#">11802</a>	473064S			Wheeling & Lake Erie Railway Co		Private	At-Grade
<a href="#">11810</a>	473051R			Wheeling & Lake Erie Railway Co		Private	At-Grade
<a href="#">11812</a>	473053E			Wheeling & Lake Erie Railway Co		Private	At-Grade
<a href="#">11813</a>	473054L	Y&O COAL CO		Wheeling & Lake Erie Railway Co		Private	At-Grade
<a href="#">11814</a>	473055T			Wheeling & Lake Erie Railway Co		Private	At-Grade
<a href="#">11815</a>	473057G			Wheeling & Lake Erie Railway Co		Private	At-Grade
<a href="#">11816</a>	473060P			Wheeling & Lake Erie Railway Co		Private	At-Grade
<a href="#">11827</a>	473050J			Wheeling & Lake Erie Railway Co		Private	At-Grade
<a href="#">11959</a>	473077T			Wheeling & Lake Erie Railway Co		Private	At-Grade
<a href="#">12014</a>	472916P			Wheeling & Lake Erie Railway Co		Private	At-Grade
<a href="#">13589</a>	503204C	WATERWORKS RD	TR180	OHI-RAIL Corp	GREEN TWP	Public	At-Grade
<a href="#">13600</a>	510693G	BAKERS RIDGE ROAD	CR51	Columbus & Ohio River Railroad Co	HARRISON COUNTY	Public	At-Grade
<a href="#">18491</a>	927763A	PRIVATE		Wheeling & Lake Erie Railway Co		Private	At-Grade
<a href="#">19288</a>	967150F	Leffler Road		Columbus & Ohio River Railroad Co	Harrison County	Public	At-Grade
<a href="#">19427</a>	929247A	Markwest Road		Wheeling & Lake Erie Railway Co		Private	At-Grade

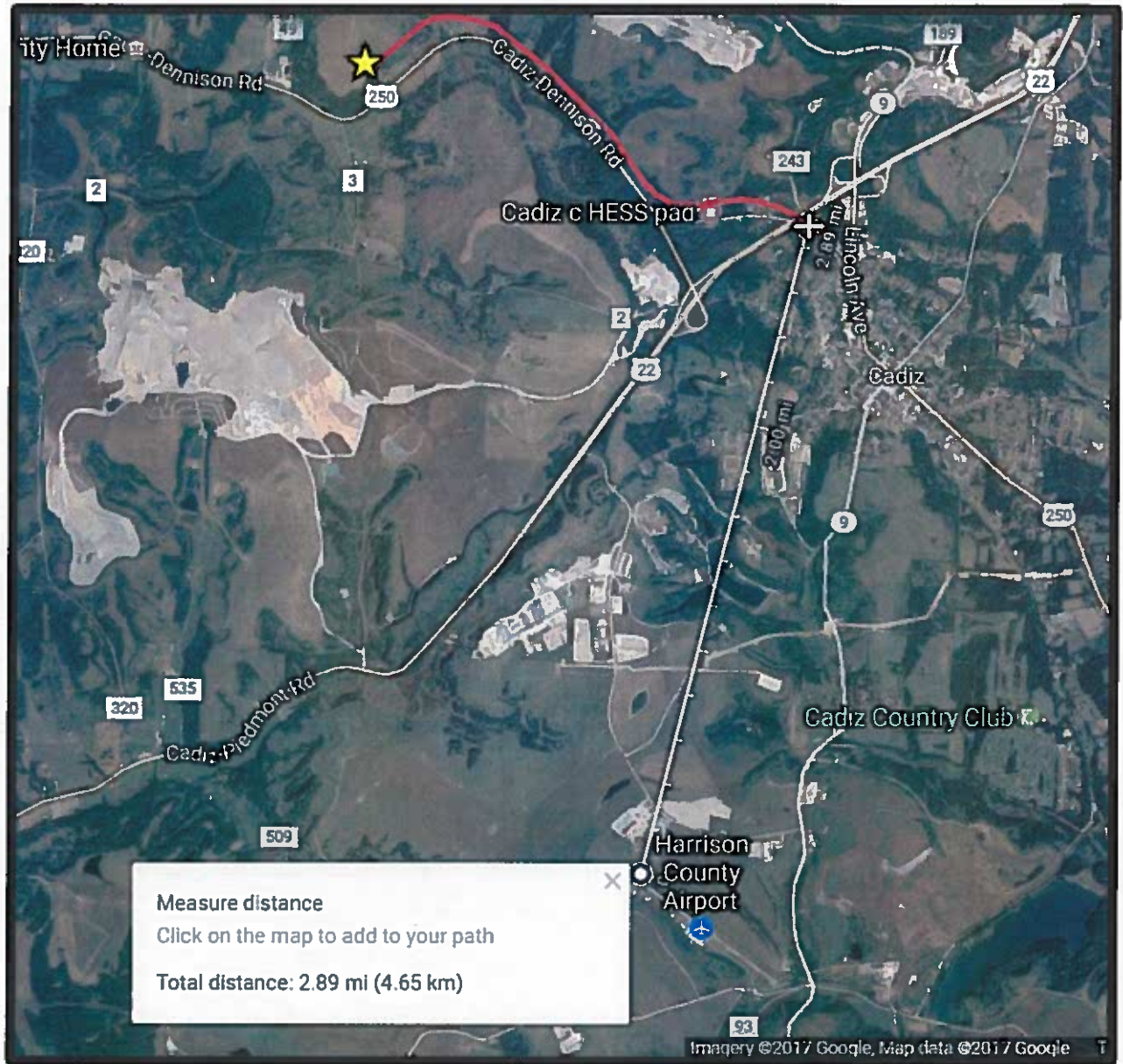
## Airport Clear Zones and Accident Potential Zones

This section includes:




- Airport Distance Map
- County Airport Information
- Airport Information Map



# Harrison County Wastewater Treatment Plant Project Distance from Harrison County Airport



Airport location: 43000 Airport Road, Cadiz, OH 43907

Harrison County Home =	
Project Route =	
Manhole Tie-in Spot =	
(Village of Cadiz, Intersection of Brokaw and Dennison)	

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## 8G6 Harrison County Airport

Cadiz, Ohio, USA



### GOING TO CADIZ?

### FAA INFORMATION EFFECTIVE 02 MARCH 2017

[Loc](#) | [Ops](#) | [Rwys](#) | [IFR](#) | [FBO](#) | [Links](#)  
[Com](#) | [Nav](#) | [Svcs](#) | [Stats](#) | [Notes](#)

### Location

FAA Identifier: 8G6

Lat/Long: 40-14-18.1000N / 081-00-46.4000W  
 40-14.301667N / 081-00.773333W  
 40.2383611 / -81.0128889  
 (estimated)

Elevation: 1173.7 ft. / 357.7 m (surveyed)

Variation: 08W (2000)

From city: 2 miles S of CADIZ, OH

Time zone: UTC -5 (UTC -4 during Daylight Saving Time)

Zip code: 43907

### Airport Operations

Airport use: Open to the public

Activation date: 11/1960

Control tower: no

ARTCC: CLEVELAND CENTER

FSS: CLEVELAND FLIGHT SERVICE STATION

NOTAMs facility: CLE (NOTAM-D service available)

Attendance: MON-SAT 0900-1700

### Fuel Prices in Your Pocket



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- Save searches for in-flight/offline use
- Write comments and update prices on the spot
- Confirm fuel prices when you pay

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Leave your AirBoss card at home? Use the App!

Click below to watch the video



Wind indicator: lighted  
 Segmented circle: no  
 Lights: ACTVT MIRL RY 13/31 AND PAPI'S RYS 13 AND 31 - CTAF.  
 Beacon: white-green (lighted land airport)  
 Operates sunset to sunrise.

## Airport Communications

CTAF/UNICOM: 122.8  
 WX ASOS at HLG (17 nm E): 127.375 (304-277-3504)

- APCH/DEP SERVICE PROVIDED BY CLEVELAND ARTCC ON FREQS 126.95/239.30 (BELMONT RCAG).

## Nearby radio navigation aids

VOR radial/distance	VOR name	Freq	Var
<a href="#">AIR</a> r333/16.0	BELLAIRE VOR/DME	117.10	07W
<a href="#">HLG</a> r273/20.4	WHEELING VOR/DME	112.20	07W
<a href="#">CTW</a> r096/21.2	NEWCOMERSTOWN VOR/DME	111.80	07W
<a href="#">BSV</a> r152/35.7	BRIGGS VOR/DME	112.40	04W

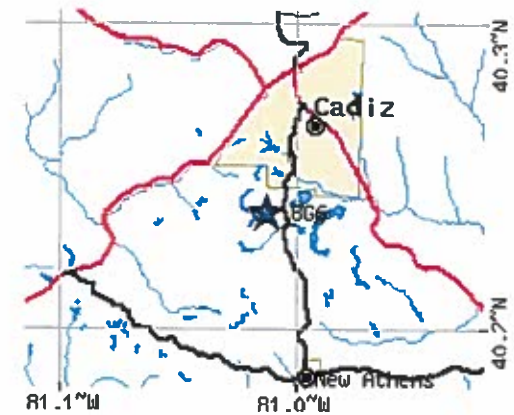
NDB name	Hdg/Dist	Freq	Var	ID
<a href="#">CADIZ</a>	at field	239	07W	CFX -.-. .-. .-. -

## Airport Services

Fuel available: 100LL  
 Parking: tiedowns  
 Airframe service: MAJOR  
 PAINT SHOP ON FIELD. 740-942-3216.  
 Powerplant service: MAJOR  
 Bottled oxygen: NONE  
 Bulk oxygen: NONE

## Runway Information

### Runway 13/31



Road maps at: [MapQuest](#) [Bing](#) [Google](#)

## Aerial photo

WARNING: Photo may not be current or correct



Do you have a better or more recent aerial photo of Harrison County Airport that you would like to share? If so, please [send us your photo](#).

## Sectional chart

Dimensions: 4154 x 75 ft. / 1266 x 23 m

Surface: asphalt, in poor condition

EXTENSIVE PVMT CRACKING, VEGETATION GROWING THROUGH CRACKS.

Weight bearing capacity: Single wheel: 30.0

Runway edge lights: medium intensity

**RUNWAY 13**

Latitude: 40-14.505017N

Longitude: 081-01.132583W

Elevation: 1173.4 ft.

Gradient: 1.6%

Traffic pattern: left

Runway heading: 134 magnetic, 126 true

Displaced threshold: 874 ft.

Markings: nonprecision, in good condition

Visual slope indicator: 2-light PAPI on left (4.00 degrees glide path)

Runway end identifier lights: no

Touchdown point: yes, no lights

Obstructions: 11 ft. hill, 201 ft. from runway, 105 ft. both sides of centerline  
0-40 FT HILL 0-200 FT FM 100 FT LEFT - 140 FT RIGHT.

**RUNWAY 31**

40-14.099647N

081-00.413732W

1105.1 ft.

1.6% UP

left

314 magnetic, 306 true

410 ft.

nonprecision, in good condition

2-light PAPI on left (4.00 degrees glide path)

no

yes, no lights

21 ft. tree, 250 ft. from runway, 150 ft. left of centerline, 2:1 slope to clear  
6 FT MOUND 115-200 FT FM 165-250 FT LEFT.

**Airport Ownership and Management from official FAA records**

Ownership: Publicly-owned

Owner: HARRISON CO ARPT AUTH

43000 AIRPORT RD

CADIZ, OH 43907

Phone 740-942-2316

Manager: DARRIN LEAS

43000 AIRPORT ROAD

CADIZ, OH 43907

Phone 740-942-2316

**Airport Operational Statistics**

Aircraft based on the field: 24 Aircraft operations: avg 96/week \*

Single engine airplanes: 22 79% transient general aviation



**Airport distance calculator**

Flying to Harrison County Airport? Find the distance to fly.

From  to 8G6

**CALCULATE DISTANCE**

**Sunrise and sunset**

Times for 02-Mar-2017

	Local (UTC-5)	Zulu (UTC)
Morning civil twilight	06:30	11:30
Sunrise	06:57	11:57
Sunset	18:15	23:15
Evening civil twilight	18:43	23:43

**Current date and time**

Zulu (UTC)	02-Mar-2017 20:04:25
Local (UTC-5)	02-Mar-2017 15:04:25

**METAR**

**KHLG** 021953Z 28013G22KT 10SM  
17nm E FEW045 OVC065 02/M08 A3010  
RMK AO2 SLP205 T00221078

**KPHD** 021953Z AUTO 30011G18KT 9SM  
23nm NW SCT044 OVC065 03/M07 A3013  
RMK AO2 SNB41E50 SLP212 P0000  
T00331067

**KCDI** 021952Z AUTO 26007KT 10SM  
30nm SW SCT028 SCT050 OVC070 03/M02  
A3016 RMK AO2 T00311019

Guiders airplanes: 1 20% local general aviation  
 Ultralights: 1 1% military  
 \* for 12-month period ending 07 July 2016

**TAF**

**KHLG** 021720Z 0218/0318 28013G20KT  
 17nm E P6SM BKN040 FM030000 29007KT  
 SSM -SN BKN025 FM030600 29007KT  
 P6SM BKN050 FM031600 30012KT  
 SSM -SN BKN035

**NOTAMS**

Click for the latest **NOTAMS**  
 NOTAMS are issued by the DoD/FAA and will open in a separate window not controlled by AirNav.

**Additional Remarks**

- APCH/ DEP SVC PRVVD BY CLEVELAND ARTCC (ZOB) ON 126.95/239.3 OR PH# 440-774-0226.

**Instrument Procedures**

NOTE: All procedures below are presented as PDF files. If you need a reader for these files, you should [download](#) the free Adobe Reader.

**NOT FOR NAVIGATION.** Please procure official charts for flight.  
 FAA instrument procedures published for use between 2 March 2017 at 0901Z and 30 March 2017 at 0900Z.


**IAPs - Instrument Approach Procedures**

- RNAV (GPS) RWY 13 [download](#) (171KB)
- RNAV (GPS) RWY 31 [download](#) (176KB)
- VOR-A [download](#) (145KB)
- NOTE: Special Take-Off Minimums/Departure Procedures apply [download](#) (164KB)

Other nearby airports with instrument procedures:

- [2P7](#) - Alderman Airport (11 nm S)
- [2G2](#) - Jefferson County Airpark (16 nm NE)
- [6G5](#) - Barnesville-Bradfield Airport (16 nm SW)
- [KHLG](#) - Wheeling Ohio County Airport (17 nm E)
- [KTSO](#) - Carroll County-Tolson Airport (20 nm N)

**FBO, Fuel Providers, and Aircraft Ground Support**

Business Name	Contact	Services / Description	Fuel Prices	Comments
DESAPI Air Services	740-942-2316	no information available If you are affiliated with DESAPI Air Services and would like to show here your services, contact info, web link, logo, and more, <a href="#">click here</a>	100LL SS \$4.93 Updated 24-Feb-2017	not yet rated 1 <a href="#">read</a> <a href="#">write</a>
			<a href="#">SS=Self service</a> 	



Imagery ©2017 Google, Map data ©2017 Google 200 ft

Airport Name	HARRISON COUNTY	Associated City	CADIZ
FAA Site	17664.2*A	Location Identifier	8G6
NPIAS Number	39-0012	Hub Type	
Service Level	General Aviation		



Data Effective Date: 03/02/2017

Provided By GCR Inc.

General Information	Services & Facilities	Based Aircraft & Operations	Runway Information	Remarks
---------------------	-----------------------	-----------------------------	--------------------	---------

CBD To Airport(NM) & Direction: 02 S

County: HARRISON

FAA Region / ADO Code: AGL DET

Sectional Aeronautical Chart:

DETROIT

Ownership: PUBLIC

Owner:

HARRISON CO ARPT AUTH  
 43000 AIRPORT RD  
 CADIZ, OH 43907  
 740-942-2316

Manager:

DARRIN LEAS  
 43000 AIRPORT ROAD  
 CADIZ, OH 43907  
 740-942-2316

Attendance Schedule:

MONTHS	DAYS	HOURS
ALL	MON-SAT	0900-1700

Airport Use: PUBLIC

Airport Latitude: 40-14-18.1000N ESTIMATED

Airport Longitude: 081-00-46.4000W

Airport Elevation: 1173.7 SURVEYED

Acreage: 72

Right Traffic: NO

Non-Commercial Landing Fee: NO

NPIAS/Federal Agreement: N

FAR 139 Index:

Last Inspection Date: 07/07/2016

Last Information Request:



Click on the weather icons for an additional information  
[Open larger map](#)

Airport Name	HARRISON COUNTY	Associated City	CADIZ
FAA Site	17664.2*A	Location Identifier	8G6
NPIAS Number	39-0012	Hub Type	
Service Level	General Aviation		



Data Effective Date: 03/02/2017

Provided By GCR Inc.

General Information      Services & Facilities      Based Aircraft & Operations      Runway Information      Remarks

CBD To Airport(NM) & Direction: 02 S

County: HARRISON

FAA Region / ADO Code: AGL DET

Sectional Aeronautical Chart:

DETROIT

Ownership: PUBLIC

Owner:

HARRISON CO ARPT AUTH  
43000 AIRPORT RD  
CADIZ, OH 43907  
740-942-2316

Manager:

DARRIN LEAS  
43000 AIRPORT ROAD  
CADIZ, OH 43907  
740-942-2316

Attendance Schedule:

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NPIAS/Federal Agreement: N

FAR 139 Index:

Last Inspection Date: 07/07/2016

Last Information Request:



Google

Map data ©2017 Google Imagery Report a map error

Click on the weather icons for an additional information  
[Open larger map](#)



## Explosive and Flammable Operations

This section includes:

- NEPA Assist Map showing no explosive or flammable operations in the project area
- EPA Map showing no explosive or flammable operations in the project area and no nonattainment area.

# NEPAssist

Find address or place   Basemap   Imagery   Draw   Erase   Bookmarks   Tools   More Data

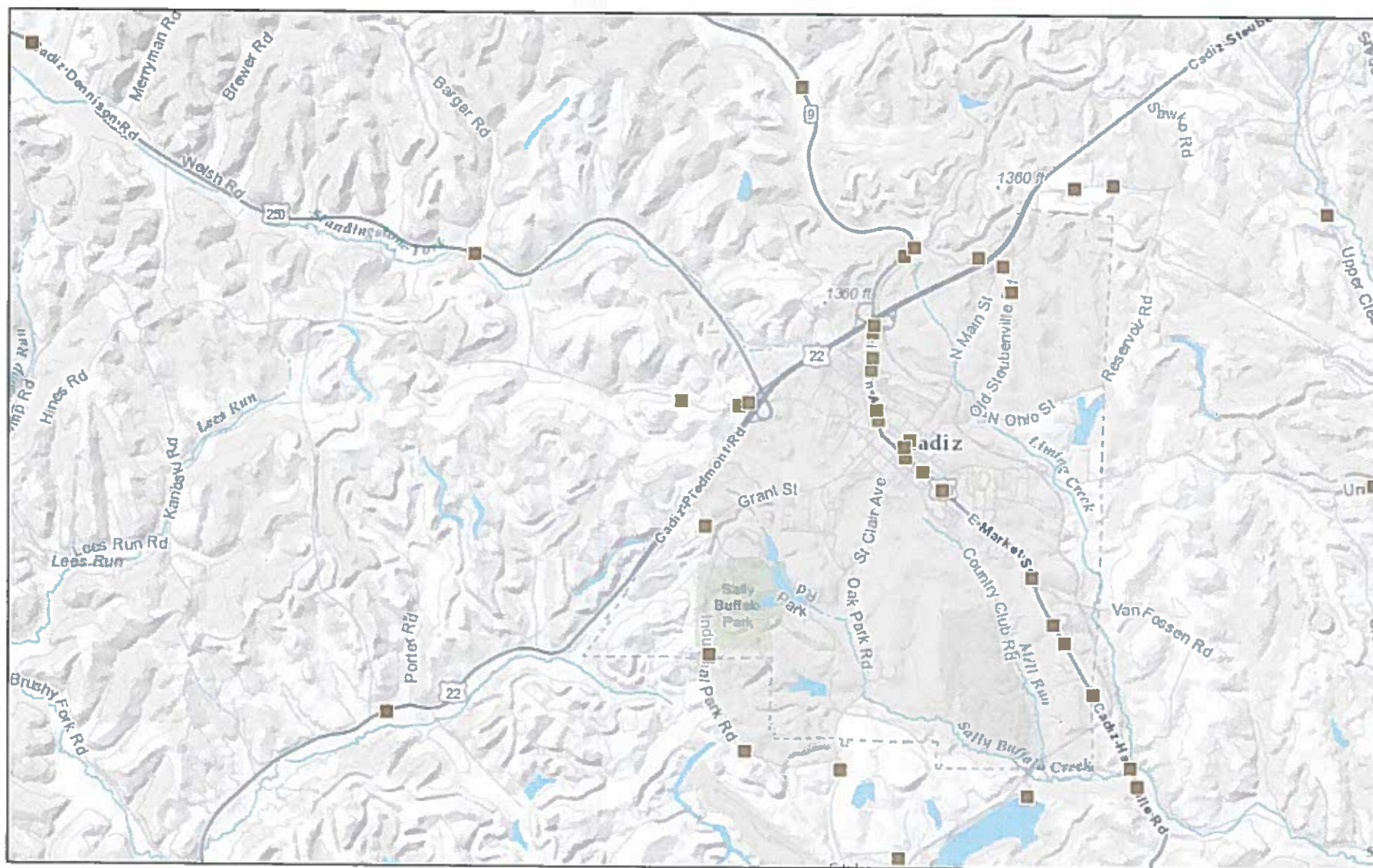
40.261126, -81.112371

The map displays a topographic view of the Cadiz, Ohio region. Major roads shown include US-250, US-22, and OH-9. Local roads such as Welsh Rd, Cadiz-Dennison Rd, and Cadiz-Piedmont Rd are also visible. Landmarks include Sally Buffalo Park and Harrison County Airport. The terrain is hilly with numerous streams and small reservoirs. A search bar at the top left contains the coordinates 40.261126, -81.112371. Navigation controls like zoom in (+) and zoom out (-) are present on the left side.

Map labels include: Addy Rd, Ourant Rd, Slab Camp Rd, Brushy Fcck Rd, Casville Rd, Arnold rd, Kanoski Rd, Deersville Ridge Rd, Brewer Rd, Bargar Rd, Welsh Rd, Cadiz-Dennison R, Cadiz-Dennison Rd, Cadiz-Piedmont Rd, Cadiz-Jewett Rd, Lincoln, N Main St, Reservoir Rd, Charleston St, St Clair Ave, E Market St, Appala, Harrison County Airport, and Sally Buffalo Park.

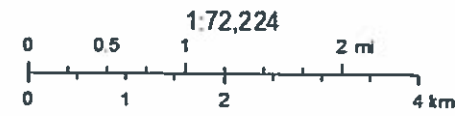
Map controls: + (Zoom In), - (Zoom Out), 1 (Scale indicator).

# EPA Map



March 6, 2017

Single Facility	Ozone 8-hr (2008 standard) Maintenance	Lead (2008 standard) Maintenance	SO2 1-hr (2010 standard) Maintenance	PM2.5 24hr (2006 standard) Maintenance
Ozone 8-hr (1997 standard) Maintenance (NAAQS revoked)	Nonattainment	Nonattainment	Nonattainment	Nonattainment
Nonattainment (NAAQS revoked)				



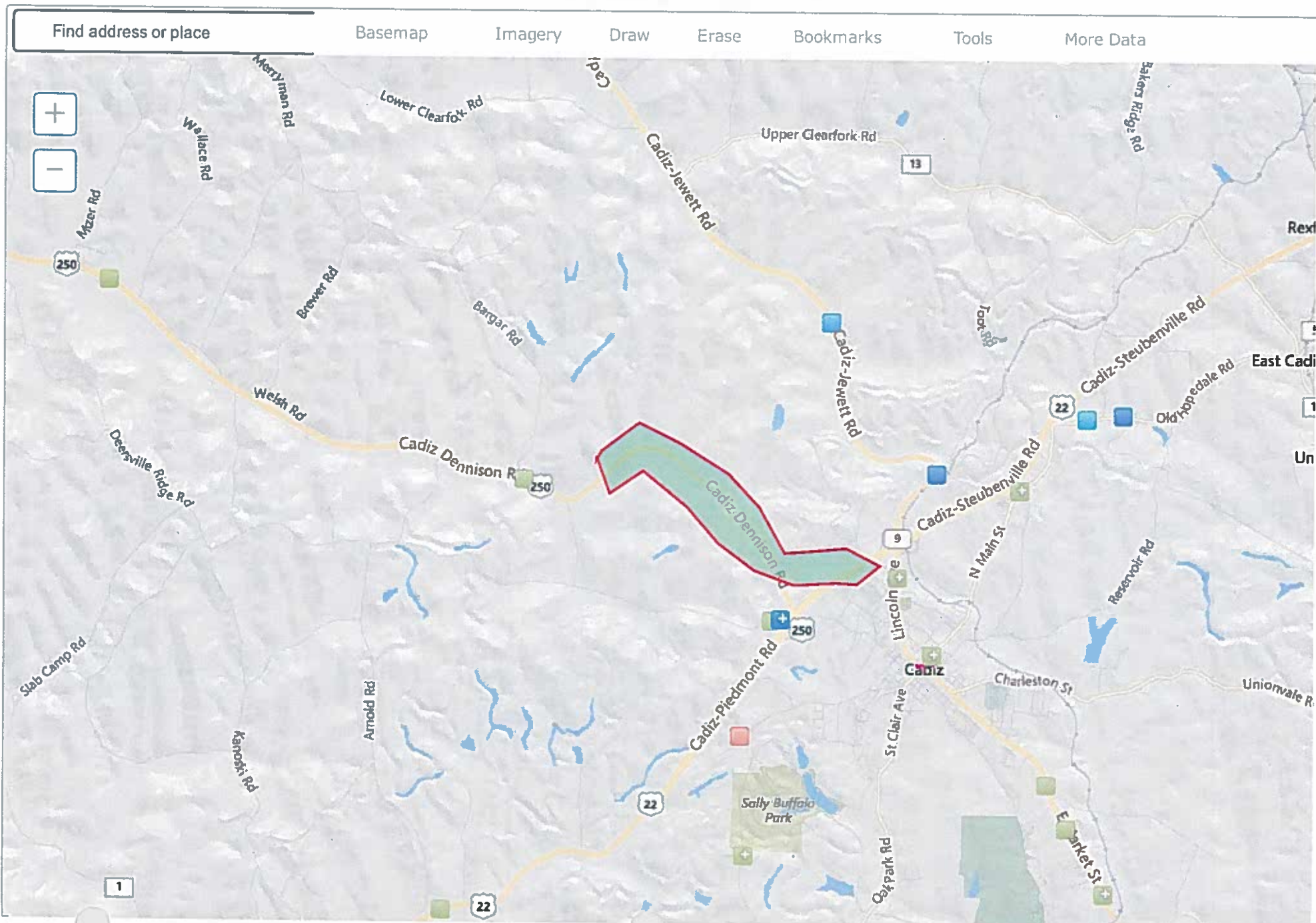
Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeBCO, IGN, Kadaster NL, Ordnance Survey,

## Toxic Chemicals and Radioactive Materials

This section includes:

- NEPA Assist Map showing no toxic chemical or radioactive sites in the project area
- EnviroMapper map showing no explosive or flammable operations in the project area
- List of EPA regulated facilities in Envirofacts showing no violations or non-compliances
- List of BUSTR sites in the Cadiz area, confirming that there are none in the project area.

# NEPAssist



# EnviroMapper

Search Place: Cadiz, OH

Basem

X

Clear

Select EPA program system(s) to map:

- Air Pollution (ICIS-AIR)(13)
- Superfund Sites (NPL)(0)
- Toxic Releases (TRI)(1)
- Hazardous Waste (RCRAInfo)(31)
- Water Dischargers (NPDES)(7)
- Brownfields (ACRES)(0)
- Biennial Reporting (BR)(0)
- RADInfo(0)
- Toxic Substances Control Act (TSCA)(1)

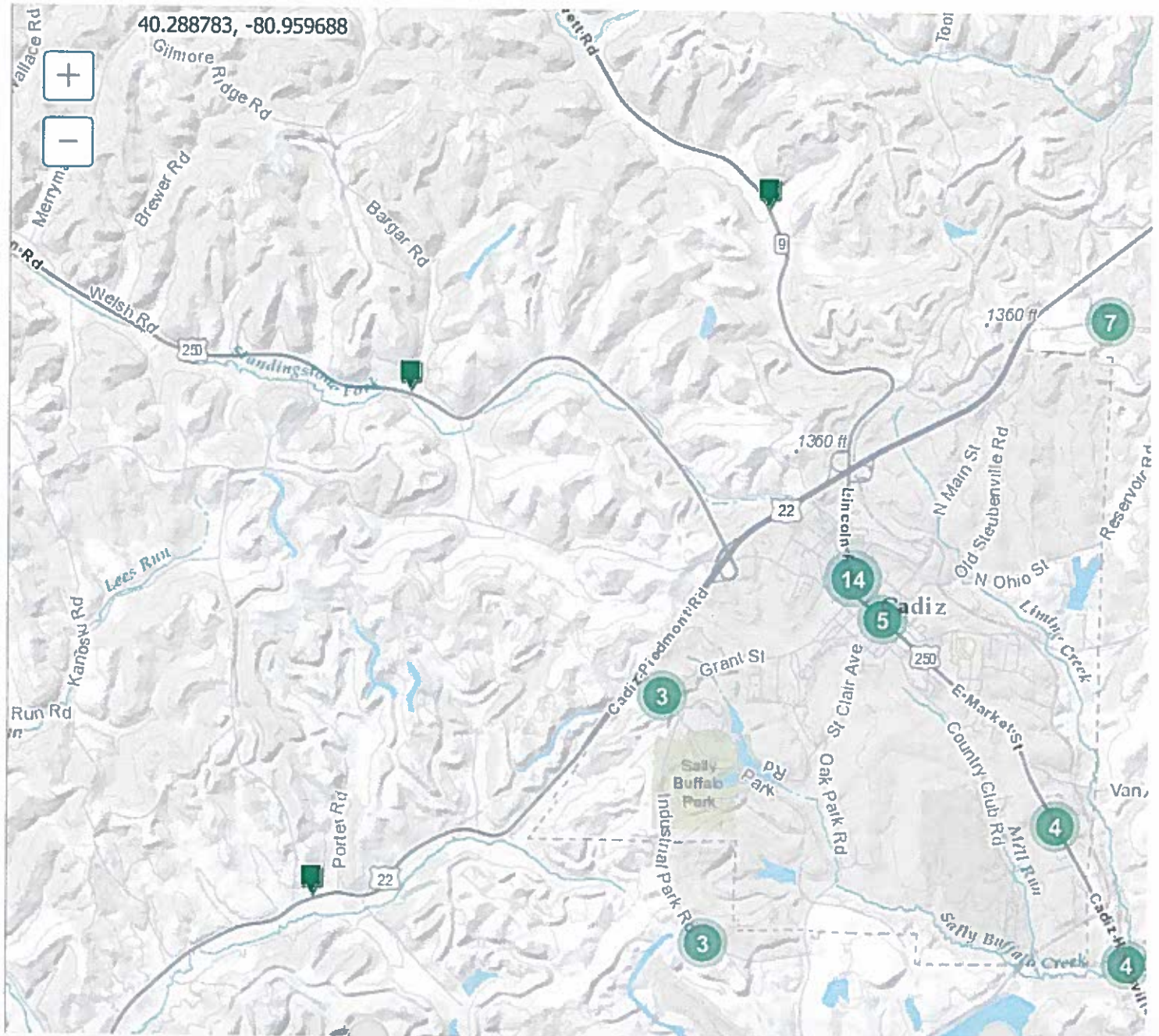
View:

All  20 per page

Single facility

Clustered facilities

Download





# Envirofacts Search Results

Search Results for:  
Cadiz, OH



Envirofacts Links

- [EE Overview](#)
- [Search](#)
- [Model](#)
- [Data Update](#)
- [Multisystem Search User Guide](#)
- [Contact Us](#)

[Report an Error](#)

The facility list below is based upon the facilities that are visible with the map above. To refine your search to a more targeted area of interest, please visit the [Envirofacts Multisystem Search Form](#). To search Envirofacts via an interactive map, please view your results in [EnviroMapper for Envirofacts](#)

## List of EPA-Regulated Facilities in Envirofacts

[Copy](#) [CSV](#) [Excel](#) [PDF](#) [Print](#)

Showing 1 to 10 of 23 entries Search:

[First](#) [Previous](#) [1](#) [2](#) [3](#) [Next](#) [Last](#)

FACILITY INFORMATION	AFS	ACRES	BR	SEMS	GHG	PCS/CIS	RADInfo	RCRAInfo	TR	TSCA
BP OIL CO 339 LINCOLN CADIZ, OH 43907-1025 Latitude: 40.27576 Longitude: -80.99955 <a href="#">Summary Report</a> <a href="#">Facility Report</a> <a href="#">Compliance Report</a>										

[View Report](#)

FACILITY INFORMATION	AFS	ACRES	BR	SEMS	GHG	PCS/CIS	RADInfo	RCRAInfo	TR	TSCA
Latitude: 40.27233 Longitude: -80.99029 <a href="#">Summary Report</a> <a href="#">Facility Report</a> <a href="#">Compliance Report</a>										

**CADIZ GAS PROCESSING PLANT**  
 43071 INDUSTRIAL PARK RD. CADIZ, OH 43907  
 Latitude: 40.265856 Longitude: -81.020299  
[Summary Report](#) [Facility Report](#) [Compliance Report](#)

[View Report](#) [View Report](#) [View Report](#)

FACILITY INFORMATION	AFS	ACRES	BR	SEMS	GHG	PCS/CIS	RADInfo	RCRAInfo	TRI	TSCA
<p><b>CADIZ HIGH SCHOOL</b>                      440 E MARKET ST CADIZ, OH 43907                      Latitude: 40.26932 Longitude: -80.99188</p> <p><a href="#">Summary Report</a> <a href="#">Facility Report</a> <a href="#">Compliance Report</a></p>								<a href="#">View Report</a>		
<p><b>DOLLAR GENERAL STORE # 1861</b>                      628 LINCOLN AVE CADIZ, OH 43907                      Latitude: 40.281479 Longitude: -81.000348</p> <p><a href="#">Summary Report</a> <a href="#">Facility Report</a> <a href="#">Compliance Report</a></p>								<a href="#">View Report</a>		
<p><b>FAMILY DOLLAR #3325</b>                      129 N MAIN ST CADIZ, OH 439071104                      Latitude: 40.27325 Longitude: -80.99657</p> <p><a href="#">Summary Report</a> <a href="#">Facility Report</a> <a href="#">Compliance Report</a></p>								<a href="#">View Report</a>		
<p><b>GAMMETER WF CO</b>                      620 LINCOLN AVE CADIZ, OH 43907                      Latitude: 40.2803 Longitude: -81.00042</p> <p><a href="#">Summary Report</a> <a href="#">Facility Report</a> <a href="#">Compliance Report</a></p>								<a href="#">View Report</a>		
<p><b>GORDONS SERVICE</b>                      301 E MARKET ST CADIZ, OH 43907                      Latitude: 40.27096 Longitude: -80.99422</p> <p><a href="#">Summary Report</a> <a href="#">Facility Report</a> <a href="#">Compliance Report</a></p>								<a href="#">View Report</a>		
<p><b>HARRISON CAREER CENTER</b>                      82500 CADIZ-JEWETT RD CADIZ, OH 43907-9427                      Latitude: 40.29095 Longitude: -80.99646</p> <p><a href="#">Summary Report</a> <a href="#">Facility Report</a> <a href="#">Compliance Report</a></p>								<a href="#">View Report</a>		
<p><b>HARRISON CO GARAGE FORMER DRUM STORAGE</b>                      ST RTE 9 &amp; TOOT RD CADIZ, OH 43907                      Latitude: 40.284484 Longitude: -81.000071</p> <p><a href="#">Summary Report</a> <a href="#">Facility Report</a> <a href="#">Compliance Report</a></p>								<a href="#">View Report</a>		

Showing 1 to 10 of 23 entries

Show 10 entries

Search:

[First](#) [Previous](#) [2](#) [3](#) [Next](#) [Last](#)

Total Number of Facilities Displayed: 23

[Return to more topical information](#)





Ohio Tank Tracking & Environmental Regulations

**Existing User**

Username (Owner Id):

Password:

[Forgot Password?](#)

[Inquiry](#)

[Registrations](#)

[Public Information Request](#)

[Red Tag Information](#)

[County Map](#)

**Facility / Corrective Action Search**

Welcome to the BUSTR Public Inquiry page. It is BUSTR policy to make the fullest possible disclosure of information without unjustifiable expense or unnecessary delay to any requester. If additional information is required, please click on the "Public Information Request" tab. Before making a request, please make sure the information you seek is not already available on the [BUSTR website](#) (e.g., complete list of active registered facilities or active releases).

**Instructions**

Enter the known information and click the "Search" button. You may sort the results in ascending or descending order by clicking on any of the column headers. To do another search, click the "Reset" button.

**Search**

Owner Name	<input type="text"/>	County	<input type="text" value="Harrison"/>
Facility ID	<input type="text"/>	Facility Name	<input type="text"/>
Address	<input type="text"/>	City	<input type="text" value="Cadiz"/>
Zip	<input type="text"/>	State	<input type="text" value="Ohio"/>
Local Fire Department	<input type="text" value="- Any -"/>	Tank Status	<input type="text" value="All"/>
Release #	<input type="text"/>	Old Incident #	<input type="text"/>

**Facility Search Results**

« 1/6 » 10 ▼

Facility	Owner Business Name	Address	City	Zip	County	Date Reported	Release Number	Old Incident ID	
<a href="#">34009760</a> (UNKNOWN)		46515 OLD HOPEWELL RD	CADIZ	43907	Harrison				No
<a href="#">34000042</a> (OHIO MACHINERY CO.)	OHIO MACHINERY CO.	1016 E MARKET ST US HWY 250	CADIZ	43907	Harrison	6/20/2000	<a href="#">N00002</a>	347122200.0	Bo
<a href="#">34000042</a> (OHIO MACHINERY CO.)	OHIO MACHINERY CO.	1016 E MARKET ST US HWY 250	CADIZ	43907	Harrison	12/12/1991	<a href="#">N00003</a>	341331000.0	Bo
<a href="#">34000042</a> (OHIO MACHINERY CO.)	OHIO MACHINERY CO.	1016 E MARKET ST US HWY 250	CADIZ	43907	Harrison	10/28/1997	<a href="#">N00001</a>	341331001.0	Bo
<a href="#">34003170</a> (TUSCARAWAS LANDMARK INC.)	LANDMARK CO-OP, INC.	104 LINCOLN AVE	CADIZ	43907	Harrison	9/12/1991	<a href="#">N00001</a>	341214000.0	No
<a href="#">34000087</a> (HARRISON HILLS SCHOOL)	LAUREL VALLEY OIL CO.	ST RT 250 & ST RT 22	CADIZ	43907	Harrison	4/7/1998	<a href="#">N00001</a>	348014100.0	No
<a href="#">34000009</a> (MURRAY OIL)	JOHN MURRAY	LINCOLN & DEERFEILD ST	CADIZ	43907	Harrison	8/24/1989	<a href="#">N00001</a>	34964101.0	No
<a href="#">34009720</a> (CADIZ SUNOCO)	JOHN MURRAY	157 N MAIN ST	CADIZ	43907	Harrison	9/1/1990	<a href="#">N00001</a>	340123900.0	No
<a href="#">34009753</a> (MOBILE FUEL DEPOT)	JOHN MURRAY	300 LINCOLN	CADIZ	43907	Harrison	5/22/2000	<a href="#">N00001</a>		No
<a href="#">34000039</a> (R&F COAL CO.)	R&F COAL CO.	538 N MAIN ST	CADIZ	43907	Harrison		<a href="#">N00001</a>	343114001.0	No

54 Results listed.

[BUSTR Acronyms and Definitions](#)

## Environmental Justice

- There are no Environmental Justice Issues:
  - The Harrison County Home, which is the beneficiary of this project, is a 33-bed facility for the elderly. There are currently 26 beds filled. All residents of the home, regardless of age, sex, ethnicity or race, income, sexual preference, or poverty level will benefit from this project. Therefore, Environmental Justice issue do not apply to this project.



# Environmental Assessment Checklist

**Environmental Assessment Checklist Instructions:**

Evaluate the significance of the effects of the proposed activity on the character, features, and resources of the project area. Provide a narrative explanation and list of supporting documentation. **The narrative must explain decision-making and compliance procedures.** Attach all supporting documentation to this worksheet. For technical assistance, see HUD's [Environmental Assessment Factors Guidance](#).

**Environmental Assessment Checklist**

Land Development		
Impact Category	Impact Code	Explanation and List of Source Documentation
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	Potentially Beneficial	The installation of a new wastewater treatment facility and force main for the Harrison County Home will replace a faulty and outdated system. The new system will be in conformance with Harrison County's Strategic Plan for the County, which was adopted a few years ago.
Soil Suitability / Slope / Erosion / Drainage / Storm Water Runoff	Potentially Beneficial	The installations of the pumping station will take place at the site of the existing wastewater treatment system. All components will be installed within the existing right-of-way owned by the County. The new force main will be buried and will tie in to the Village of Cadiz's wastewater system. The water will no longer be discharged into Little Stillwater Creek, which will provide a long-term benefit to the County.
Hazards and Nuisances Including Site Safety and Noise	No Impact Anticipated	There will be no night time construction activities. All noise levels will remain within acceptable parameters.
Energy Consumption	No Impact Anticipated	The pumping station will include the installation of the most energy efficient pumps available to handle the discharge of wastewater.

**Environmental Assessment Checklist**

<b>Socioeconomic</b>		
<b>Impact Category</b>	<b>Impact Code</b>	<b>Explanation and List of Source Documentation</b>
Employment and Income Patterns	<b>No Impact Anticipated</b>	The project will produce no changes to employment and income patterns in the area.
Demographic Character Changes, Displacement	<b>No Impact Anticipated</b>	The project is not expected to produce any demographic changes, and will not result in the displacement of any families or individuals.

<b>Community Facilities and Services</b>		
<b>Impact Category</b>	<b>Impact Code</b>	<b>Explanation and List of Source Documentation</b>
Educational and Cultural Facilities	<b>No Impact Anticipated</b>	There are no educational or cultural facilities in the project area.
Commercial Facilities	<b>No Impact Anticipated</b>	There is a small family restaurant, an excavating business and some storage units present in the project area. None of these will be impacted by the project.
Health Care and Social Services	<b>No Impact Anticipated</b>	The project will have no effect on health care or social services in the area.
Solid Waste Disposal / Recycling	<b>No Impact Anticipated</b>	The project will not impact solid waste disposal or recycling activities.
Waste Water / Sanitary Sewers	<b>No Impact Anticipated</b>	Public water and sewer is not available to residents and businesses within the project area. The project is not expected to affect any private wells or water systems in the area.
Water Supply	<b>No Impact Anticipated</b>	Public water and sewer is not available in the project area. The project will produce no adverse affects to private water supplies.

**Environmental Assessment Checklist**

**Community Facilities and Services**

<b>Impact Category</b>	<b>Impact Code</b>	<b>Explanation and List of Source Documentation</b>
Public Safety – Police, Fire and Emergency Medical	<b>No Impact Anticipated</b>	Emergency service providers in the project area include the Harrison County Sheriff, the Cadiz Fire Department and the Harrison County EMS. This project is not expected to impact these services.
Parks, Open Space and Recreation	<b>No Impact Anticipated</b>	Tappan Lake, located between Uhrichsville and Cadiz along US 250 is part of the Muskingum Watershed Conservancy District. The lake provides recreational opportunities such as fishing, swimming, boating, and camping to tourists and residents of Harrison County. The proposed project is not expected to have an impact on the lake or associated activities.
Transportation and Accessibility	<b>No Impact Anticipated</b>	Harrison County is served by the Harrison County Rural Transit Authority, which will not be impacted by this project.

**Natural Features**

<b>Impact Category</b>	<b>Impact Code</b>	<b>Explanation and List of Source Documentation</b>
Unique Natural Features, Water Resources	<b>No Impact Anticipated</b>	There are some private ponds along the project route, but none directly in the project area. No impact to private ponds or fish are anticipated from the project.
Vegetation and Wildlife	<b>No Impact Anticipated</b>	All construction will take place within the 30' right-of-way on the north side of US 250. The right-of-way is owned by the County. No natural areas of vegetation or wildlife will be impacted. (Please see letter from ODNR regarding endangered or threatened species.)
Other Factors	<b>No Impact Anticipated</b>	There are no other factors which will be affected by the project.