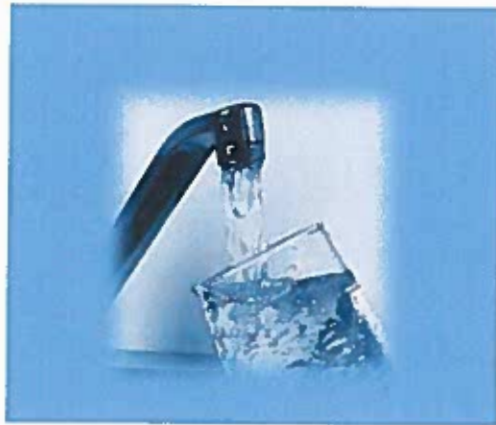


**Environmental Review Record**  
**CDBG Residential Public Infrastructure**

**Grant # C-W-17-2HB-1**



**WATER TREATMENT PLANT IMPROVEMENTS**  
**VILLAGE OF SCIO**



**August 9, 2017**

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**ENVIRONMENTAL REVIEW RECORD**  
**Village of Scio**

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**Attachments**

Location Map	Attachment #1
Site Photographs	Attachment #2
Copies of Other Environmental Analysis	Attachment #3
Other Relevant Correspondence and Notifications	Attachment #4

**Statutory Checklist Items**

Ohio Historic Preservation	Item #1
Floodplain Management	Item #2
Wetland Protection	Item #3
Coastal Zone Management	Item #4
Sole Source Aquifers	Item #5
Endangered Species	Item #6
Wild and Scenic Rivers	Item #7
Air Quality	Item #8
Farmland Protection	Item #9
Noise Abatement and Control	Item #10
Airport Clear Zones and Accident Potential Zones	Item #11
Explosive and Flammable Operations	Item #12
Toxic Chemical and Radioactive Materials	Item #13
Environmental Justice	Item #14

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

**Page #7**

### Environmental Assessment Worksheet

<b>Grantee</b>	Village of Scio
<b>Grant Number</b>	C-W-17-2HB-1
<b>Activity Name</b>	Scio Water Treatment Plant Improvements
<b>Activity Location</b>	39003 Scio New Rumley Road, Scio, Ohio 43988
<b>Activity Description:</b>	
<p>The project will involve improvements to the Village of Scio's water treatment facility to address high levels of iron and manganese in the water. Improvements will include the installation of two new Clearwells, high service pumps, and a polyphosphate feed system. With these improvements, the backwash supply water will no longer be sourced from the distribution system; thereby preventing disruptions to the system. Chemicals such as polyphosphate (to help sequester the iron and manganese) can be fed without fear of harming the filtration process. This phase provides an additional 16,000 gallons of treated water storage and will reduce the pressure inside the plant to 40-60 psi. All improvements will take place inside the facility except the two Clearwell tanks, which will be installed along the outside wall of the building. Ground disturbance will be minimal and will take place solely inside the fenced area.</p>	
<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	
Signature: <u>Trina Woodland</u>	<b>Date:</b> 8/9/2017

### 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: [redacted]
<input checked="" type="checkbox"/> Other Relevant Correspondence and Notifications (if applicable) List: <b>Ohio Historic Preservation Office</b> [redacted] <b>Floodplain Letter</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: [redacted]
<input type="checkbox"/> Request for Release of Funds (RROF) Date: [redacted]
<input type="checkbox"/> Release of Funds (ROF) Date: [redacted]
<input type="checkbox"/> Additional Documentation Describe: [redacted]

**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>Form 106 was completed and submitted to the Ohio Historic Preservation Office. Response was received dated July 18, 2017. The Ohio Historic Preservation Office determined that no historic properties would be affected by the project. (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>This area is in the floodplain. However, the water treatment plant site has been elevated to avoid flooding, so the actual project site is not in the floodplain. This is demonstrated by the attached photos showing that the building sits on ground that is several feet above the surrounding area. The Harrison County Floodplain Administrator has submitted a letter stating that the project will have no effect on 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>No</b></p>	<p>Project is excluded from Wetland Review based on HUD Guidance 55.12 (a) 4. Project does not meet the definition of Substantial Improvement as defined under HUD Guidelines 55.2 (b)(10)(ii)A, and is therefore eligible for exclusion from Wetland Review. Based on this terminology, substantial improvement does not include:</p> <p>Any project for improvement of a structure to comply with existing state or local health, sanitary or safety code specifications that is solely necessary to assure safe living conditions. As the water treatment improvements have been compelled by the US. EPA based on high levels of manganese in the water, it is not considered a Substantial Improvement, and is therefore excluded from Wetland Review. Additional documentation (Wetland Map) is included from the Fish and Wildlife National Wetlands Inventory showing that there are no wetlands present in the project area. (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. (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 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>This project does not involve any activities that have the potential to affect species or habitats. Almost all development will take place inside the water treatment facility. The only outdoor development will be the installation of two Clearwell tanks along the outside walls of the water treatment plant. This will involve ground disturbance that is limited to one 12' by 12' section and one 12' by 24' section inside the fenced area where the WTP is located. This area is dedicated for use by the WTP and is consistently maintained and mowed to facilitate entry into the WTP. The only threatened and/or endangered species that are federally listed for Harrison County are the Indiana bat and the Northern long-eared bat, both of which hibernate in caves or mines. They roost and forage in riparian wooded areas during the summer months. There are no trees or riparian areas close enough to the development area to be a threat to either species of bat, and no trees will be cut down during construction. Therefore a No Effect determination has been made for this 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>There are no wild or scenic rivers in the project area. (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></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. There are no air quality concerns in the project area. (Please see Item #8.)</p>



**Statutory Checklist**

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	Compliance Required?	Explanation and List of Compliance Documentation
<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 align="center"><b>Farmland Protection</b></p> <p>Resources:  <a href="#">NRCS Farmland Protection Policy Act</a>  <a href="#">HUD Farmlands Protection</a></p>	<b>No</b>	<p>Although the project area has been raised above the flood plain, the surrounding area is in a flood plain and has never been used as farmland. The current project involves no conversion of land use and no farmland will be adversely affected. (Please see Item #9.)</p>
<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>	<b>No</b>	<p>Short term impacts will be limited to the noise associated with construction. Most of the construction will take place inside the facility and will not create any adverse noise impact. A small amount of construction will take place outside the building but inside the fenced area consisting of one 12' by 12' area and one 12' by 24' area. All construction will take place during daylight hours. The project site is not within 1000 feet of any major roadways. Closest intersection with US Route 250 is approximately 6.5 miles away and Interstate 77 is approximately 30 miles away. There is a railroad line approximately 1200 feet to the south of the project site. However there is a grove of trees approximately 612 feet wide between the rail line and the project site which creates a significant sound barrier. Additionally, the fact that the majority of project activities will be conducted inside the water treatment facility creates an additional noise barrier. (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>	<b>No</b>	<p>The Harrison County Airport, located at 43000 Airport Road, Cadiz, OH is approximately 11 miles away from the project site at its closest point. This is a public, civilian general aviation airport, which is more than 2500 feet removed from the project site as required by HUD Airport Hazards Guidelines. (Please see Item #11.)</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>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>The project does not include development, construction, or rehabilitation that will increase residential densities, or involve land use conversion. Project is to install improvements at the existing water treatment facility in the Village of Scio and involves no storage, handling or processing of flammable or combustible chemicals such as bulk fuel storage. US EPA NEPAAssist and US EPA Envirofacts databases were reviewed. No explosive or flammable operations were identified in the project area. (Item #12.)</p>
<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 align="center"><b>No</b></p>	<p>US EPA NEPAAssist and US EPA Environfacts databases were reviewed. There are 4 EPA regulated sites listed for the Village of Scio. Three of the sites are listed due to the presence of potentially flammable materials on site. The closest to the project site is a Dairy Mart approximately .19 miles away and is listed due to potentially flammable materials. All sites are regulated by the EPA and pose no threat to the the water treatment facility project. The closest listing for Underground Storage Tanks is the Laurel Valley Oil Company located almost 10 miles southwest of Scio. Based on this information, no adverse effects related to toxic chemicals 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 align="center"><b>No</b></p>	<p>This project will impact approximately 763 persons and 300 households in the Village of Scio. All residents will benefit from this project by having a safe supply of drinking water that will consistently meet drinking water standards. All residents served by the Village of Scio water treatment facility, regardless of age, sex, ethnicity, race, income, sexual preference, or poverty level will benefit from this project.</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	<b>Potentially Beneficial</b>	Improvements are being made to an existing water treatment facility. This will provide a long term solution to Violation Notices issued by the Ohio EPA with regard to elevated and unsafe levels of manganese in the water. This 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	<b>No Impact Anticipated</b>	Water treatment facility sits in the middle of a flood plain, but is located above the 100-year flood elevation. The 4-inch diameter pressure line will be installed four feet below the existing grade. The Harrison County Floodplain Administrator has determined that this project will have no impact and will not raise the 100-year flood elevation. Building has been elevated above the heavy flooding area. Improvements will take place mostly inside the building except for the installation of two Clearwell tanks along the outside wall of the facility. This will require minimal ground disturbance and should not impact the soil or water runoff.
Hazards and Nuisances Including Site Safety and Noise	<b>No Impact Anticipated</b>	Construction will involve minimal noise as most of the improvements will take place inside the building. Minimal ground disturbance activities will take place outside of the building and will be conducted during daylight hours. There will be no adverse noise impact overall.
Energy Consumption	<b>No Impact Anticipated</b>	The project is not expected to impact energy consumption in a significant way.

**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 not affect employment and income patterns except for very short term construction work.
Demographic Character Changes, Displacement	<b>No Impact Anticipated</b>	The project will not affect the demographic character of the area or result in any displacement of 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>	The project will not affect any educational or cultural facilities.
Commercial Facilities	<b>No Impact Anticipated</b>	There will be no impact to commercial facilities.
Health Care and Social Services	<b>No Impact Anticipated</b>	The project will have no impact on area health care and social services.
Solid Waste Disposal / Recycling	<b>No Impact Anticipated</b>	The project will not impact solid waste disposal services or recycling.
Waste Water / Sanitary Sewers	<b>No Impact Anticipated</b>	The project will have no impact on waste water or sanitary sewer in the service area.

**Environmental Assessment Checklist**

**Community Facilities and Services**

<b>Impact Category</b>	<b>Impact Code</b>	<b>Explanation and List of Source Documentation</b>
Water Supply	<b>Potentially Beneficial</b>	This project will have a beneficial impact on the water supply for the Village of Scio. The elimination of manganese from the water system will create a positive health benefit for those in the service area.
Public Safety – Police, Fire and Emergency Medical	<b>Potentially Beneficial</b>	The project will result in a benefit to public safety, as the improvements to the water treatment facility will result in safer drinking water. The project will not otherwise impact public safety, i.e., police fire and emergency medical services.
Parks, Open Space and Recreation	<b>No Impact Anticipated</b>	The project will have no impact on parks, open space, and recreation.
Transportation and Accessibility	<b>No Impact Anticipated</b>	The project will not affect transportation or accessibility in the service area.

**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>	The water treatment plant sits in the middle of the floodplain, but the building has been elevated above the floodplain as can be seen in the attached photos. The Floodplain Administrator for Harrison County has determined that this project will have no impact on the 100-year flood plain. There are no other unique natural features of water resources in the project area.
Vegetation and Wildlife	<b>No Impact Anticipated</b>	The project will have no adverse effects on vegetation and/or wildlife. Most of the construction will take place inside the building. There will be minimal ground disturbance inside the fenced-in area that houses the water treatment facility, and no habitats will be adversely affected.
Other Factors	<b>No Impact Anticipated</b>	There are no other impacts anticipated from 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 11.36 miles from the project site at its closest point, as shown by attached map.



## Google Maps Harrison County Airport

### Distance from Project Site to Harrison County Airport



Distance from project site to Harrison County Airport is approximately 11.36 miles as shown on the above map.

Harrison County Airport  
Airport

43000 Airport Rd, Cadiz, OH 43907

(740) 942-2316

Add missing information

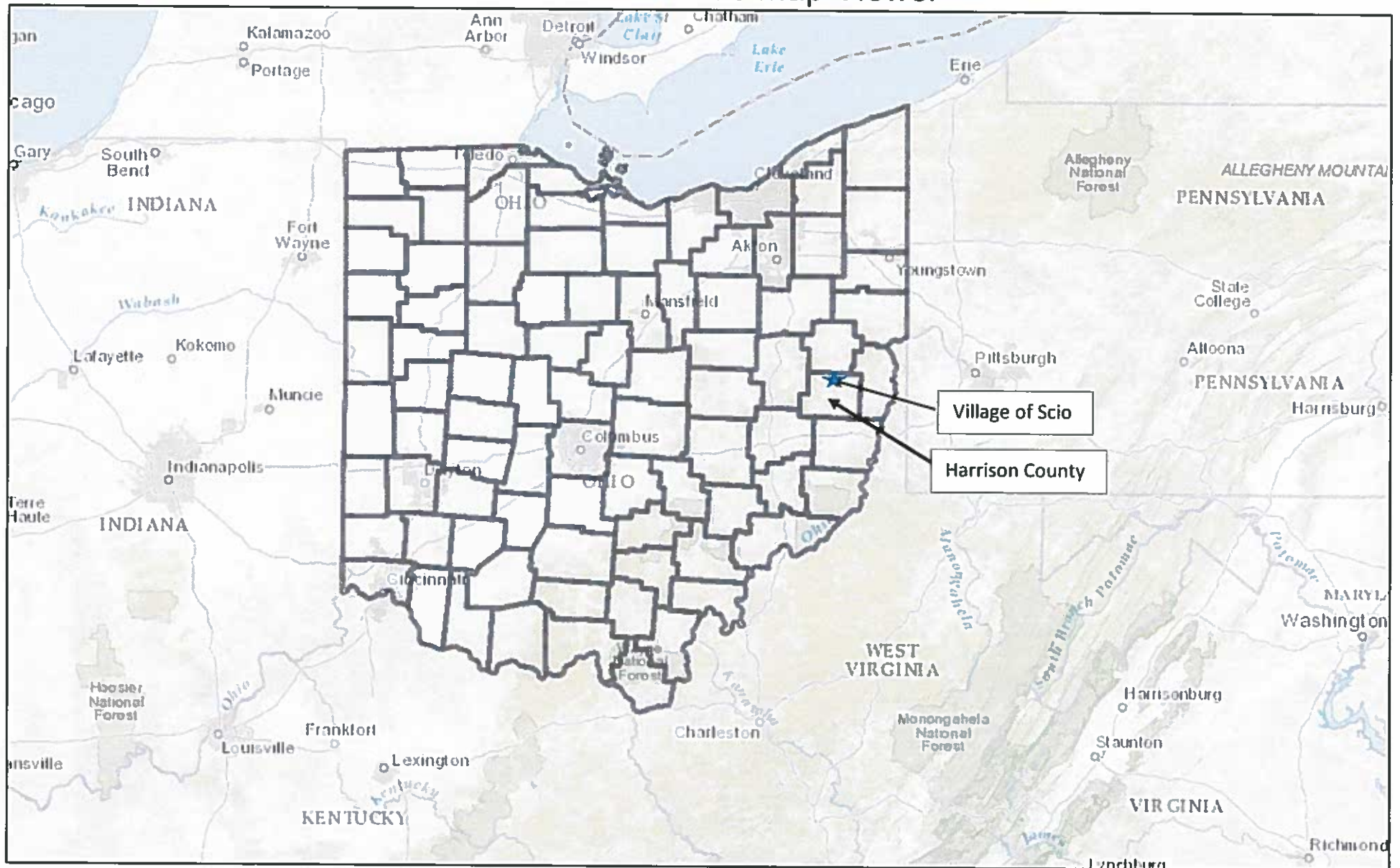
## Coastal Zone Management

Harrison County is not in a coastal zone.

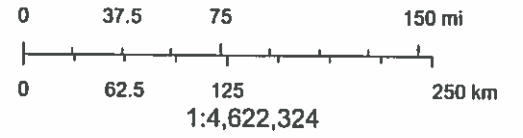
This section includes:

- Ohio Coastal Map

# Ohio Coastal Atlas Map Viewer



May 19, 2017



ODNR - Office of Coastal  
MGMT

The project area is not in a Coastal Zone.

## Flood Disaster Protection Act

Project area is in the 100-year Flood Plain, but the project site has been elevated above the flood plain. Harrison County Floodplain Administrator has provided a letter stating that the proposed improvements will not result in raising the 100-year flood plain, and there are no objections to the improvements.

This section includes:

- All floodplain correspondence
- Floodplain map

**HARRISON COUNTY  
ENGINEER'S OFFICE**

OFFICE 740.942.8867 • FAX 740.942.3034  
100 W. 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

RECEIVED AUG 17 2017

August 15, 2017

Trina Woodland  
Community Development Specialist  
OMEGA  
326 Highland Avenue  
Suite B  
Cambridge, Ohio 43725

Re: Village of Scio: Water Plant Improvement

Dear Trina:

Plans for the proposed Scio Village Water Plant Improvements have been reviewed with regard to their impact on the 100-year floodplain. As none of the proposed improvements will result in raising the 100-year flood elevation, there is no objection to these installations.

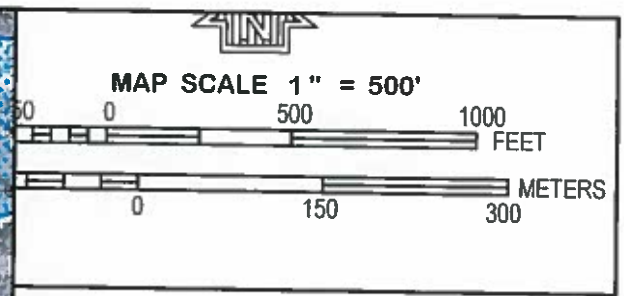
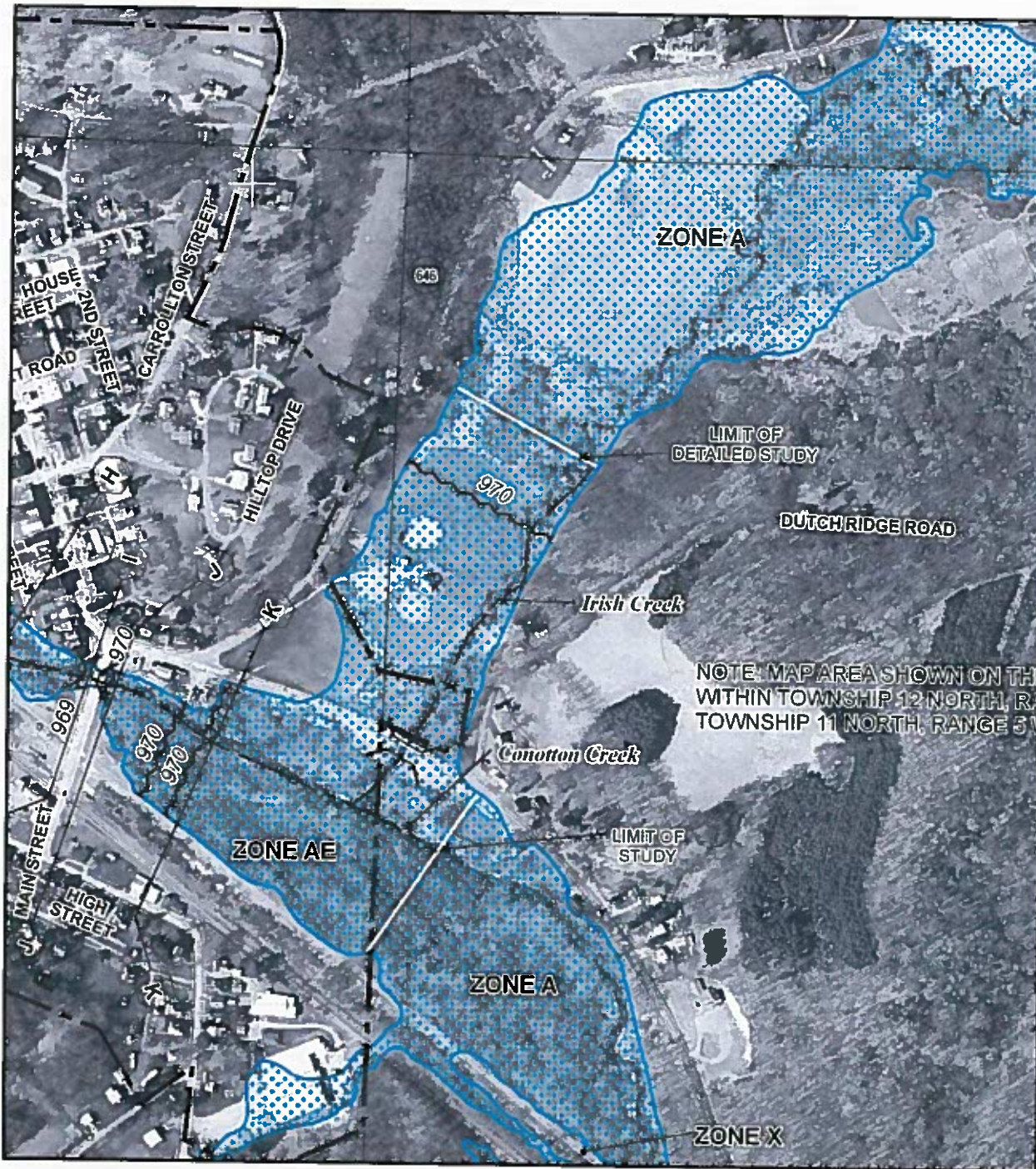
Very truly yours,

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

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

RKS/km





NATIONAL FLOOD INSURANCE PROGRAM  
 FIRM

PANEL 0064D

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

**PANEL 64 OF 375**  
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
HARRISON COUNTY	390255	0064	D
SCIO, VILLAGE OF	390261	0064	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**  
 39067C0064D  
**EFFECTIVE DATE**  
 MAY 4, 2009

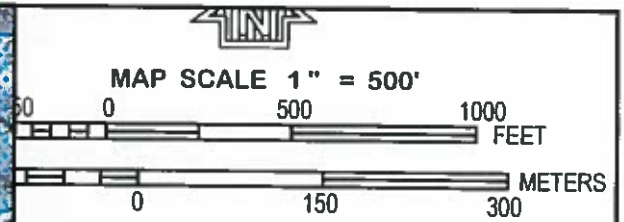
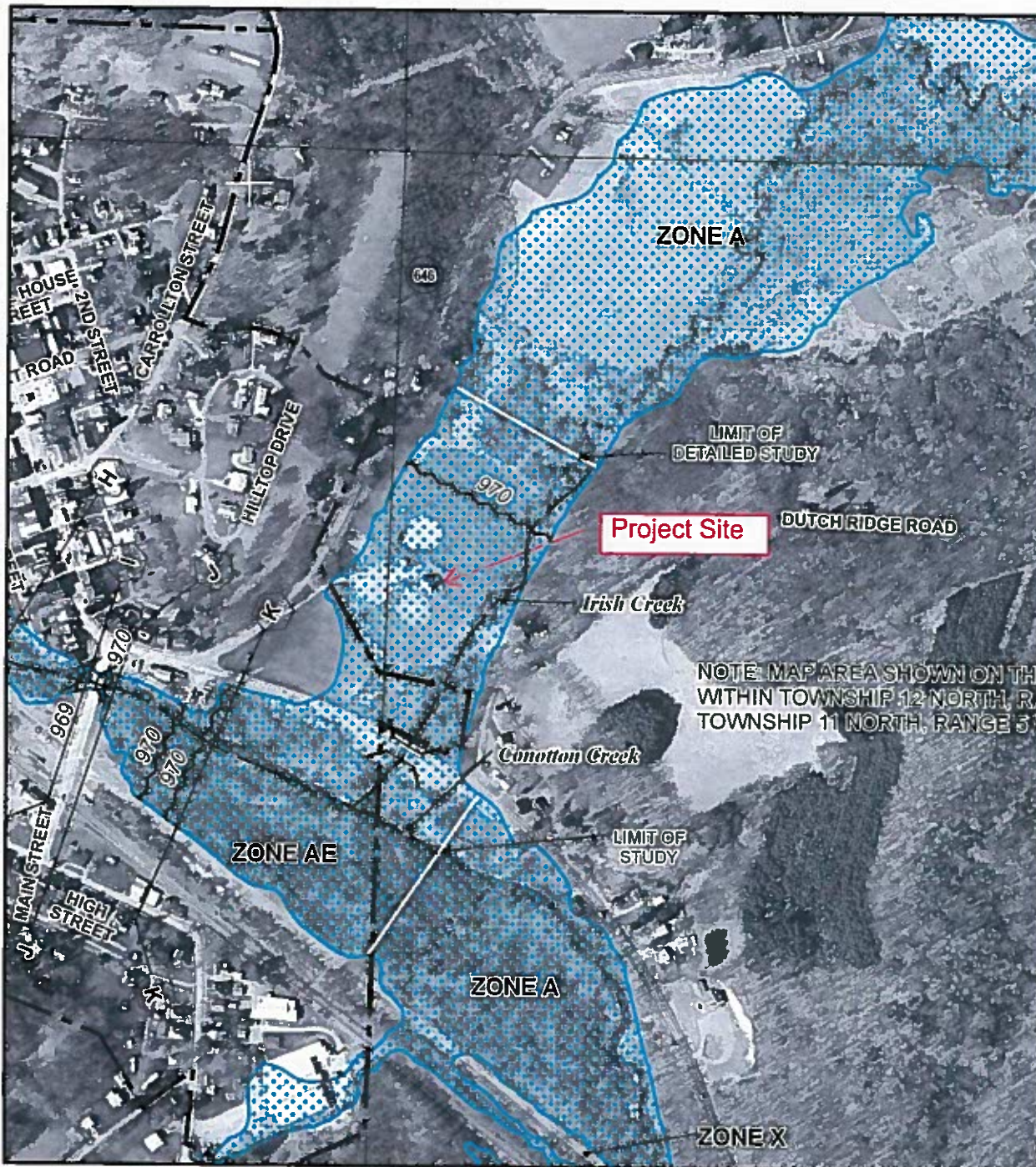


Federal Emergency Management Agency

NOTE: MAP AREA SHOWN ON THIS MAP IS WITHIN TOWNSHIP 12 NORTH, RANGE 5 WEST AND TOWNSHIP 11 NORTH, RANGE 5 WEST.

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)





NATIONAL FLOOD INSURANCE PROGRAM  
 FEDERAL EMERGENCY MANAGEMENT AGENCY

PANEL 0064D

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

PANEL 64 OF 375  
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
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SCIO VILLAGE OF	390261	0064	D

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Federal Emergency Management Agency

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**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 Village of Scio retained the Ohio Mid-Eastern Governments Association (OMEGA) to administer the CDBG Residential Public Infrastructure Grant for the Village of Scio Water Treatment Plant Improvements Project, including the preparation of the Environmental Review Record (ERR). OMEGA has coordinated the ERR with the Village of Scio, the County, engineering and environmental consultants, and local, state, and federal regulatory agencies.

As Mayor of Scio, Michelle Carpenter is the Certifying Officer. The ERR is available at the Scio Municipal Building, 306 West Main Street, Scio, Ohio, The Puskarich Public Library at 331 West Main Street, Scio, 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, 2017 - The first Public Meeting informed the public about CDBG Programs, how funds may be used, eligible activities, and other program requirements.

March 8, 2017 - The second Public Meeting provided an opportunity for the public to review and comment on the plans for the proposed water treatment facility improvements for the Village of Scio, and the CDBG Residential Public 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.

The proposed project is to install new equipment which will allow the implementation of processes to alleviate the high level of manganese in the drinking water supply for the Village of Scio. The area is situated in the 100-year flood plain, but the project site is the existing water treatment facility, which sits on an elevation above the 100-year floodplain. The Harrison County Floodplain Administrator has issued a letter stating that this project will have no impact on the 100-year floodplain.

The Village of Scio uses ground water as the source for the public drinking water supply. Drinking water is supplied from this system to 763 individuals and 300 households. Throughout 2015 and the first half of 2016, the level of manganese in the drinking water consistently exceeded the secondary maximum contaminant level (MCL) of 0.05 mg/L. In July 2016, the level of manganese exceeded the US EPA Health Advisory Level (HAL) of 1.0 mg/L (one-day and ten-day value for a 10 kg. child) and 0.3 mg/L lifetime limit for the general population. Ohio EPA required the Village of Scio to issue a "Do Not Drink Order" and correct the issue as soon as possible. The Village of Scio completed an intervention phase of the project by replacing and installing new media in the filters at the plant. This alleviated the high levels of manganese, but additional improvements are needed to sustain this level of treatment and ensure that the Village of Scio provides safe drinking water on a long-term basis. If the project is not completed, it is expected that the system will fail again and the manganese levels will once again become unsafe, resulting in health and safety violations.

All proposed improvements will take place at the site of the existing water treatment facility with most of the construction taking place inside the building. Two Clearwell tanks will be installed along the outside of the building. Ground disturbance will consist of one 12' by 12' area and one 12' by 24' area, which is required for the installation of the new pressure line. The minimal construction required for the project will be confined to the area inside the fence surrounding the water treatment facility.

## Analysis of Alternatives

**Instructions:**

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

**The proposed improvements represent the only treatment alternative that will provide a safe supply of drinking water which will consistently meet the manganese secondary maximum contaminant levels and health advisory levels.**

**Connection to another public water supply system was considered. However, the closest system is the Village of Jewett, which is approximately five miles from the Village of Scio. The cost to install an interconnecting line would be significantly greater than the cost to improve Scio's water treatment plant.**

**Based on an examination of all viable possibilities, the selected alternative of installing the aeration system, clearwells, chemical feed systems, new pumps, and other ancillary equipment is the most cost-effective 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 water treatment facility improvements for the Village of Scio will have no significant adverse impacts on the environment. The improvements to the drinking water resulting from the elimination of manganese from the water will result in a significant benefit to all users of the system.

**Floodplain**

The pumping station will be located above the 100-year flood elevation and the 4-inch diameter pressure line will be installed four feet below the existing grade resulting in no impact on the 100-year flood plain.

**Wetlands**

Project is excluded from Wetland Review based on HUD Guidance 55.12 (a) 4. Project does not meet the definition of Substantial Improvements as defined under HUD Guidelines 55.2 (b)(10)(ii)A, and is therefore eligible for exclusion from Wetland Review. Based on this terminology, substantial improvement does not include:

Any project for improvement of a structure to comply with existing state or local health, sanitary or safety code specifications that is solely necessary to assure safe living conditions. As the water treatment improvements have been compelled by the US EPA based on high levels of manganese in the drinking water, the proposed project is not considered a substantial improvement, and is therefore excluded from wetland review. Additional documentation (Wetland Map) is provided from the Fish and Wildlife National Wetlands Inventory showing that there are no wetlands present in the project area. (Item #3)

In the interest of thoroughness, the U.S. Department of Agriculture (USDA) Web Soil Survey was used to determine soil types within the project area. There was one type of soil identified in the project area.

**Hydric:**

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 61 miles southwest of the Village of Scio.



### **Endangered Species**

There are no concerns with endangered species in the project area as most of the construction will take place inside the water treatment facility. The installation of 4' inch pressure line involving one 12' by 12' area and one 12' by 24' area directly beside the building and inside the water treatment facility fence will have no effect on habitats. There are no trees in the area, no identified habitats and no suitable conditions for wildlife habitat within the scope of the water treatment facility.

### **Wild and Scenic Rivers**

There are no wild and scenic rivers in the project area. (Please see Item #7)

### **Air Quality**

Based on a review of the US EPA Green Book on Nonattainment Areas for Criteria Pollutants no part of the project area is in nonattainment of maintenance status for any criteria pollutants resulting in no air quality concerns in the project area. (Please see Item #8)

### **Farmland Protection**

Project area is elevated above the 100-year floodplain, but all surrounding area is in the 100-year floodplain. This land has never been suitable for use as farmland and no farmland will be adversely affected by the project.

### **Noise Abatement and Control**

Noise will be limited to normal and temporary construction activities, most of which will take place inside the water treatment facility. All construction activities will be limited to daylight hours.

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

The Harrison County Airport, located at 43000 Airport Road, Cadiz, OH is approximately 11 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)

### **Explosive and Flammable Operations**

The project does not include development, construction, or rehabilitation that will increase residential densities, or involve land use conversion. Project involves no storage, handling or processing of flammable or combustible chemicals such as bulk fuel storage. US EPA NEPAAssist and US EPA Envirofacts databases were reviewed. No explosive or flammable operations were identified in the project area (Please see Item #12)

### **Toxic Chemical and Radioactive Materials**

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 chemicals or radioactive materials are expected to occur. There are no active BUSTR sites in the project area. (Please see Item #13)

**Environmental Justice**

**Project will impact approximately 763 persons and 300 households in the Village of Scio. All residents will benefit from this project by having access to a safe supply of drinking water that will consistently meet drinking water standards. All residents and commercial facilities served by the Village of Scio water treatment facility, regardless of age, sex, ethnicity, race, income, sexual preference, or poverty level will benefit from this project.**

### Monitoring and Enforcement Procedures

**Instructions:**

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

N/A





List of Site Visits and Important Meetings

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**ATTENDANCE LIST**  
**CDBG PUBLIC HEARING NO. 1**  
**VILLAGE OF SCIO WATER SYSTEM IMPROVEMENTS**  
**FEBRUARY 24, 2017**

NAME	ADDRESS	PHONE NO.	E-MAIL ADDRESS
Michelle Carpenter	111 Hilltop Dr.	945-1616	
Carol Davy	206 Shandrew St	945-16441	
James Hoff	108 Walnut St.	330-987-1384	
Ed Kidston	56 Industrial Ave Piquet	419-737-2352	
Trish Copeland	309 E 11th Main St Scio	740-945-0231	scio1@frontier.com trishdave1@frontier.com
Ronald Fryett	106 Church St	945-41321	
Jack Tubaug	101 Bruce St	945-4065	jacktubaug6@gmail.com
ANDREW TURNER	101 CUSTER WAY	945-4070	
Jeannette Wierzbicki	OMEGA		
Trina Woodland	OMEGA		

# INVOICE

VILLAGE OF SCIO  
306 E MAIN ST  
PO BOX 307  
SCIO OH 43988

DATE:	2/13/2017
Account #:	130140
Invoice :	
Amount Due:	\$105.40

Please detach here. Bottom portion is for your records, top portion to be returned with your payment.

DATE	DESCRIPTION	SIZE	NET DUE
2/13	768432		\$ 105.40

**BALANCE DUE**

**\$105.40**

# PUBLISHER'S AFFIDAVIT

## LEGAL NOTICE

Diane Hamilton

Being first duly sworn, says that the Affiant is a duly authorized Clerk of The Times Reporter, a Daily and Sunday newspaper published and of general circulation in said

CITY OF New Philadelphia  
STATE OF OHIO  
COUNTY OF Tuscarawas

} SS

and that the legal advertisement, of which the annexed is a copy was published in said newspaper on:

### PUBLICATION DATES:

02/13/17

Sworn to and subscribed before me, this  
14th day of February, 2017.



Representative Signature



Notary Public  
Lucy McFee  
Notary Public, State of Ohio  
My Commission Expires 04-23-2018

Total number of measured  
inches published: 6.79  
Publisher's Fee: 105.40  
Customer Account Number: 130140  
Case No:  
ORDER NO: 00768432

NOTICE OF PUBLIC  
HEARING NO. 1

The Village of Scio intends to apply to the Ohio Development Services Agency for funding through the Community Development Block Grant (CDBG) Residential Public Infrastructure Grant Program, a federally-funded program administered by the State. The Village is eligible to apply for funding through the CDBG Residential Public Infrastructure (R PIG) Grant Program.

The first of two or more public hearings will be held on Friday, February 24th, 2017 at 5:00 pm at the RJ Spiker Firehall at 318 W. Main Street, Scio, Ohio 43988. This public hearing will provide citizens with pertinent information about the CDBG program, including an explanation of eligible activities and program requirements. The CDBG program can fund a broad range of activities, including: economic development projects; street, water supply, drainage and sanitary sewer improvements, park acquisition and improvements; demolition of unsafe structures; rehabilitation of housing and neighborhood facilities. The activities must be designed to primarily benefit low and moderate income persons, aid in the prevention or elimination of slums and blight or meet an urgent need of the community.

Citizens are encouraged to attend this meeting on February 24th to provide input on the Village's proposed CDBG project.

By order of Mayor Michelle Carpenter Village of Scio, Ohio

Date of Notice: February 13, 2017

Published in The Times Reporter on February 13, 2017.



**PUBLIC HEARING NO.1**  
**CDBG RESIDENTIAL PUBLIC INFRASTRUCTURE GRANT PROGRAM**  
**VILLAGE OF SCIO**

**Date:** February 24, 2017  
**Time:** 5:00 p.m.  
**Location:** RJ Spiker Fire Hall  
318 W. Main Street  
Scio, OH 43988

**INTRODUCTIONS**

**DESCRIPTION**

The Community Development Block Grant (CDBG) program is authorized under Title I of the Housing and Community Development Act of 1974 and is administered by the U.S. Department of Housing and Urban Development (HUD). The Office of Community Development, a division of the Ohio Development Services Agency, administers the CDBG program for the state of Ohio.

HUD regulations require that, if a community is applying for CDBG funds, two public hearings must be held: the first to discuss the CDBG program in general and the second to discuss the specific funding program for which the application is being prepared.

**NATIONAL OBJECTIVES**

- Benefit persons of low to moderate income (at least 51% LMI)
- Prevent or eliminate slum and blight
- Meet an urgent community development need (serious and immediate threat to the health and welfare of the community)

Based upon an income survey, which was completed in December of 2015, the LMI for the Village of Scio is 64.32%. Therefore, the Village of Scio meets the National Objective.

## **CDBG PROGRAMS**

To meet the goals and objective, there are a variety of CDBG programs that will:

1. Create and/or retain jobs for persons of low to moderate income
2. Improve housing and neighborhoods for persons of low to moderate income
3. Upgrade and provide infrastructure for persons of low to moderate income
4. Resolve serious and immediate threats to the health and welfare of the community
5. Revitalize downtowns
6. Implement fair housing programs

Statewide funding levels and goals for the Affordable Housing, Homeless and Supportive Housing, Community and Economic Development, and other programs are summarized in the sections which follow. These funding levels and goals are based upon the 2017 Draft Consolidated Plan prepared by the Ohio Development Services Agency, Community Services Division, and Office of Community Development. Please note that the CDBG funds listed are based on FY 2017 HUD Estimated Allocations as the final FY 2017 allocations have not yet been released.

### **Affordable Housing**

**Community Housing Improvement Program:** Community-wide approach to the preservation, improvement, and provision of affordable housing for low and moderate income persona and to help develop local capacity; \$19.313 million available (8.3 million CDBG).

**Housing Development Assistance Program:** Support the capacity of housing development organizations and provide financing for eligible housing projects to expand the supply of decent, safe, affordable housing for very low to moderate income person; \$7.741 million available (\$0 CDBG).

**CHDO Competitive Operating Grant Program:** Provide limited operating support to organizations to continue affordable housing development and to provide capacity building opportunities for new organizations; \$0.2 million available (\$0 CDBG).

### **Homeless and Supportive Housing**

**Homeless Crisis Response Program:** Provide services to prevent persons from becoming homeless by homelessness prevention services and assistance; move persons from homelessness to permanent housing by housing placement, emergency shelter, direct housing, and transitional housing; and provide long-term supportive housing to persons with disabilities; \$5.331 million available (\$0 CDBG).

**Housing Opportunities for Persons with AIDS:** Devise long-term, comprehensive strategies for meeting the housing and supportive service needs of persons with AIDS or HIV-related diseases; \$1.291 million available (\$0 CDBG).

## **Community & Economic Development Programs**

**Community Development Program:** Address locally identified needs that are eligible CDBG activities and qualify under the national objective to benefit persons of low to moderate income or to eliminate slum and blight; \$20.6 million CDBG available which includes the Formula Allocation and three competitive set-asides; Neighborhood Revitalization Grants, Downtown Revitalization Grants, and Critical Infrastructure Grants. Approximate 50% of the Community Development Program will be allocated for competitive and open-cycle Community Development Programs.

**Formula Allocation:** Non-competitive biennial program for 78 non-entitlement counties and 23 small cities with a population 15,000 or greater and LMI population of at least 15,000 and an LMI population of at least 30%; minimum allocation \$150,000.

**Neighborhood Revitalization Grant:** Competitive program for public facility improvements in targeted areas; maximum grant, \$500,000. Only Allocation Counties and Direct Cities are eligible to apply.

**Downtown Revitalization Grant:** Competitive program for façade and sign improvements, interior and exterior building code violation corrections, streetscape activities, other CDBG eligible infrastructure and rehabilitation activities; maximum grant \$300,000. Only Allocation Counties and Direct Cities are eligible to apply.

**Critical Infrastructure Grant:** Competitive program to assist communities with funding for high priority, single component projects, such as roads and bridge, sidewalks, flood and drainage, water and sanitary sewer; maximum grant \$300,000. Only Allocation Counties and Direct Cities are eligible to apply; however, Counties may apply on behalf of non-direct cities, villages, and unincorporated areas.

**Economic Development and Public Infrastructure Program:** The Economic Development Program includes Small Business Loans, Off-Site Infrastructure, and Residential Water and Sewer Projects. Amount of CDBG dollars available state-wide for the combined programs has not yet been determined for 2017.

**Economic Development Loan and Grant Program:** Create and retain permanent, private-sector jobs, principally for low and moderate income persons through the expansion and retention of business and industry. Maximum of \$500,000 for direct loans.

**Residential Public Infrastructure Grant Program:** Create safe and sanitary living environment through the provision of safe and reliable drinking water and proper disposal of sanitary waste.

## **OTHER PROGRAMS**

**Target of Opportunity Grant Program:** To provide a means to fund worthwhile “targets of opportunity” projects and activities that do not fit within existing program structures, and to provide supplemental resources to resolve immediate and unforeseen needs. Total funding has not yet been determined for 2017.

New Horizons Fair Housing Assistance Program – Set-Aside: Provide funds to further fair housing programs; \$50,000 CDBG allocated for PY 2017. Maximum for jurisdiction, \$15,000.

Training and Technical Assistance Funds: Provide funds to conduct training and technical assistance activities; \$367,000 CDBG available.

**CDBG Residential Public Infrastructure Grant Program**

Maximum Grant: \$500,000 for public infrastructure  
\$100,000 to assist qualifying homeowners with connections and abandonment of septic system.

Deadline: Open cycle

Leveraging Ratio: 1:1

Low to Moderate Income: 51% minimum

Water and Sewer Rates: Combined user fees 2% of median income or \$60.00/month, whichever is less

Requirements: Ohio EPA Plan Approval  
Address public health and safety issues  
Financial capacity and system sustainability

Proposed Project: Improvements to Village Water Treatment Plant

Schedule: Submit CDBG application after Ohio EPA approves plans

**Estimated Project Cost: \$698,600**

State and Local Funds	Village of Scio	\$3,800
	Harrison County Commissioners	\$196,500
Private Funds	Utica East Ohio Midstream, LLC	\$149,000
<b>CDBG Grant Request</b>		<b><u>\$349,300</u></b>
<b>Total</b>		<b>\$698,600</b>

**CITIZENS VIEWS AND COMMENTS**

Any comments will be responded to in writing within 15 days of receipt. Copies of comments and responses will be on file in Village Hall and at the Ohio Mid-Eastern Governments Association (OMEGA).

Comments should be addressed to:

Ms. 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)



\*\*\*\*\*  
\*\*\* TX Report \*\*\*  
\*\*\*\*\*

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PAGES SENT	2
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**FAX**  
FROM THE  
**VILLAGE OF SCIO**

MICHELLE CARPENTER, MAYOR  
TRISH COPELAND, CLERK-TREASURER  
JASON TUBAUGH, VILLAGE ADMINISTRATOR  
MEMBERS: ANDREW TURNER, RONALD THOMPSON II,  
RONALD WRIGHT, GEORGE TUBAUGH, EARL WHITEMAN, CAROL DAVY  
JANEEN SCOTT, WATER CLERK & INCOME TAX ADM.

306 EAST MAIN STREET  
P.O. BOX 307  
SCIO, OH 43988

VILLAGEOFSCIO.COM

PHONE: 740-945-5571  
FAX: 740-945-5855  
SCIO1@FRONTIER.COM

TO: *Tina*  
FROM: *Trish*

DATE: *2-25-17*

RE:

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## NOTICE OF PUBLIC HEARING NO. 2

The Village of Scio, Harrison County, intends to apply to the Ohio Development Services Agency for funding through the Community Development Block Grant (CDBG) Residential Public Infrastructure Grant (RPIG), a federally-funded program administered by the State. On February 24, 2017, the Village of Scio conducted the first public hearing to provide citizens with pertinent information about the CDBG program, including eligible activities and program requirements.

The Village of Scio will conduct a second public hearing at 5:00 p.m. on **Wednesday, March 8th**, in the Meeting Room of the Scio Branch of the Puskarich Public Library, 331 W. Main Street, Scio, OH 43988. This public hearing will give citizens an opportunity to review and comment on the plans for improvements to the village's water treatment plant and CDBG-RPIG application to the Ohio Development Services Agency. The village proposes to make improvements at the water treatment plant; including, but not limited to, the addition of two 8,000 gallon clearwell tanks, a polyphosphate feed system, two high service pumps, installation of a draft aerator, two transfer pumps, a generator, and 8,000 gallon capacity reaction tank. The cost for such improvements is estimated at \$698,600. The estimated sources and amounts of funding are as follows: CDBG Residential Public Infrastructure Grant Program - \$349,300, Harrison County Commissioners - \$198,500, Ulca East Ohio Midstream, LLC - \$149,000, and the Village of Scio - \$3,800.

Citizens are encouraged to attend this important meeting on Wednesday, March 8th to express their views and comments on the village's proposed Water Treatment Plant Improvements.

The Village of Scio  
Date of Notice February 25, 2017

Published in the Harrison News-Herald on 2/25/2017

## ANNOUNCEMENTS

Traded in Samsung Front Load HE Washer and Dryer Set...sold new for \$1,700.00...now only \$399.99 cash and carry...Valley Rentals Superstore. 740-942-9999.

Recently serviced Crosley 21 cubic foot upright freezer...sold new for \$1,099.99...cash and carry \$599.99... balance of ten year warranty... great condition... Valley

(2:25)

Rentals Superstore. 740-942-9999.

(2:25)

## Misc. For Sale

Central Boiler Outdoor Wood Furnaces, Heat your home and hot water for free. 740-945-4711.

(10:30fc)

## RV'S

'00 Pursuit RV, 44,500 miles, great condition, asking \$20,000. Please leave message. 740-381-5863.

(2:18, 25, 3:4)

## Electrical Apprenticeship Notice

Electrical Construction Apprenticeship applications are being accepted at the K.W. Gasser Training Center (rear of the IBEW, 628 N. 4<sup>th</sup> St., Steubenville, Ohio) From March 13 - 24, 8:30 AM to 4:30 PM, Except, Tuesday, March 14 and 21, 12-8 PM. Application fee is \$35.

All applications must meet the following minimum qualifications:

- 18 years of age by August 1, 2017
- High school graduate or GED
- Valid driver's license
- Resident of the following counties for one year: Brooke, Hancock, Carroll, Columbiana, Harrison, Jefferson
- Participation in a provided drug screening
- Physically able to perform electrical construction work

PUBLISHED IN THE HARRISON NEWS HERALD  
FEBRUARY 25, 2017 AND MARCH 4, 2017

## FOR RENT

Apartment for rent - Cadiz 1st floor 2 bedroom includes heat & water, washer & dryer hookup, \$500/month. 740-264-2271.

(7:30fc)

## Real Estate Wanted

"We Need Land!" Paying top prices for farms or acreage of 20 acres or more in Ohio, West Virginia and Pennsylvania. Call Bruner Land Company at

(740) 685-3064.

(9:11fc)

## Services

Brenda's Pet Parlor, in Scio. Clipping, bathing, & flea treatment, Call for appointment. 740-945-0292.

(7:13fc)

Home Improvements Interior & Exterior painting and roofing, etc. Bathroom remodeling, siding and windows. Free estimates. Many references Ph. 942-3068 ask for Bob or leave message.

(12:18fc)


Bob's Scan  
Free estim  
3893

Miller's I  
Constructio  
New cons  
remodeling  
siding,  
additions, p  
decks, etc. I  
within 20  
Freeman I  
Message. 7

Yoder's Co  
free estim  
(740) 94  
(740) 491-

Hilltop Apartments now accepting applications for 1 & 2 bedroom apts. Elderly & handicapped units available. Rent based on income, RA available & HUD vouchers accepted. Call between 8 a.m. & 12 p.m.

 740-945-6281   
Equal Housing Opportunity. TDD



Quick  
Classifieds

## Public Notice

# Schloss | MEDIA

Harrison News-Herald | Brookville Star | Free Press Standard  
Tri-State Merchantette | Pipeline Connections

144 South Main St., Cadiz, Ohio 43907

PHONE: (740) 942-2118 FAX: (740) 942-4667

Federal ID #: 34-1903363

Invoice #: 00014369

Date: 2/27/17

Order #:

Village of Scio (L)  
PO Box 307  
Scio, OH 43988

## Invoice and Affidavit of Publication

Notice Of Public Hearing No. 2  
Published: 2/25/2017

\$95.00

THE STATE OF OHIO  
HARRISON COUNTY, S.S.

I, David G. Schloss, verify by oath that the notice hereunto

published in the Harrison News-Herald, a newspaper published of

general circulation in said county and meeting the requirements

Section 7.12 Revised Code for 1 weeks

commencing on the 25 day of February, 2017

and that I am the Publisher and Legal Notices Clerk of said newspaper.

David G. Schloss, Publisher

Subscribed to and sworn before me this 27 day of February,

2017.



Jessica Smith

Notary Public, State of Ohio

My Commission expires March 13, 2019

### NOTICE OF PUBLIC HEARING NO. 2

The Village of Scio, Harrison County, intends to apply to the Ohio Development Services Agency for funding through the Community Development Block Grant (CDBG) Residential Public Infrastructure Grant (RRIG) a federally funded program administered by the State. On February 24, 2017, the Village of Scio conducted the first public hearing to provide citizens with pertinent information about the CDBG program, including a general wastewater program requirements.

The Village of Scio will conduct a second public hearing at 5:00 p.m. on Wednesday, March 8th, in the Meeting Room of the Scio Branch of the Ruerichs Public Library, 331 W. Main Street, Scio, OH 43988. This public hearing allows citizens an opportunity to review and comment on the plans for improvements to the village wastewater treatment plant and CDBG-RRIG application to the Ohio Development Services Agency. The village proposes to make improvements at the wastewater treatment plant, including but not limited to: the addition of two 5,000 gallon Clearwell tanks, a polyphosphate feed system, two high service pumps, installation of a draft generator, two transfer pumps, a generator, and a 9,000 gallon capacity reaction tank. The cost for such improvements is estimated at \$888,800. The estimated sources and amounts of funding are as follows: CDBG Residential Public Infrastructure Grant Program - \$349,300; Harrison County Commissioners - \$189,500; Utica East Ohio Midstream, LLC - \$149,000; and the Village of Scio - \$311,000.

Citizens are encouraged to attend this important meeting on Wednesday, March 8th to express their views and comments on the village's proposed wastewater treatment plant improvements.

The Village of Scio  
Date of Notice: February 25, 2017  
Published in the Harrison News-Herald on 2/25/2017

▲ Detach Here ▲

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Village of Scio (L)  
PO Box 307  
Scio, OH 43988

Please return this stub with your payment!

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The Village of Scio, Harrison County, intends to apply to the Ohio Development Services Agency for funding through the Community Development Block Grant (CDBG) Residential Public Infrastructure Grant (RPIG), a federally-funded program administered by the State. On February 24, 2017, the Village of Scio conducted the first public hearing to provide citizens with pertinent information about the CDBG program, including eligible activities and program requirements.

The Village of Scio will conduct a second public hearing at 5:00 p.m. on Wednesday, March 8th, in the Meeting Room of the Scio Branch of the Puskarich Public Library, 331 W. Main Street, Scio, OH 43988. This public hearing will give citizens an opportunity to review and comment on the plans for improvements to the village's water treatment plant and CDBG-RPIG application to the Ohio Development Services Agency. The village proposes to make improvements at the water treatment plant; including, but not limited to, the addition of two 8,000 gallon clearwell tanks, a polyphosphate feed system, two high service pumps, installation of a draft aerator, two transfer pumps, a generator, and 8,000 gallon capacity reaction tank. The cost for such improvements is estimated at \$698,600. The estimated sources and amounts of funding are as follows: CDBG Residential Public Infrastructure Grant Program - \$349,300, Harrison County Commissioners - \$196,500, Utica East Ohio Midstream, LLC - \$149,000, and the Village of Scio - \$3,800.

Citizens are encouraged to attend this important meeting on Wednesday, March 8th to express their views and comments on the village's proposed Water Treatment Plant Improvements.

The Village of Scio  
Date of Notice February 25, 2017  
Published in the Harrison News-Herald on 2/25/2017

### ANNOUNCEMENTS

Traded in Samsung Front Load HE Washer and Dryer Set...sold new for \$1,700.00...now only \$399.99 cash and carry...Valley Rentals Superstore. 740-942-9999.

(2:25)  
Recently serviced Crosley 21 cubic foot upright freezer...sold new for \$1,099.99...cash and carry \$599.99... balance of ten year warranty... great condition... Valley

Rentals Superstore. 740-942-9999.

### Misc. For Sale

(2:25)  
Central Boiler Outdoor Wood Furnaces, Heat your home and hot water for free. 740-945-4711. (10:30tfc)

### RV'S

'00 Pursuit RV, 44,500 miles, great condition, asking \$20,000. Please leave message. 740-381-5863. (2:18, 25, 3:4)

### Electrical Apprenticeship Notice

Electrical Construction Apprenticeship applications are being accepted at the K.W. Gasser Training Center (rear of the IBEW, 628 N. 4<sup>th</sup> St., Stouboville, Ohio) From March 13 - 24, 8:30 AM to 4:30 PM, Except, Tuesday, March 14 and 21, 12-8 PM. Application fee is \$35.

All applications must meet the following minimum qualifications:

- 18 years of age by August 1, 2017
  - High school graduate or GED
  - Valid driver's license
  - Resident of the following counties for one year: Brooke, Hancock, Carroll, Columbiana, Harrison, Jefferson
  - Participation in a provided drug screening
  - Physically able to perform electrical construction work
- PUBLISHED IN THE HARRISON NEWS HERALD FEBRUARY 25, 2017 AND MARCH 4, 2017

### FOR RENT

Apartment for rent - Cadiz 1st floor 2 bedroom includes heat & water, washer & dryer hookup, \$500/month. 740-264-2271. (7:30tfc)

### Real Estate Wanted

"We Need Land!"  
Paying top prices for farms or acreage of 20 acres or more in Ohio, West Virginia and Pennsylvania. Call Bruner Land Company at

Hilltop Apartments now accepting applications for 1 & 2 bedroom apts. Elderly & handicapped units available. Rent based on income, RA available & HUD vouchers accepted. Call between 8 a.m. & 12 p.m. 740-945-6281 Equal Housing Opportunity. TDD

(740) 685-3064. (9:11tfc)

### Services

Brenda's Pet Parlor, in Scio. Clipping, bathing, & flea treatment, Call for appointment. 740-945-0292. (7:13tfc)

Home Improvements Interior & Exterior painting and roofing, etc. Bathroom remodeling, siding and windows. Free estimates. Many references Ph. 942-3068 ask for Bob or leave message. (12:18tfc)

Bob's Sea Free estim. 3893

Miller's Construct New com remodeling siding, additions, decks, etc. within 20 Freeman Message.

Yoder's Cr free estim (740) 94 (740) 491



## Public Notice

## **NOTICE OF PUBLIC HEARING NO. 2**

The Village of Scio, Harrison County, intends to apply to the Ohio Development Services Agency for funding through the Community Development Block Grant (CDBG) Residential Public Infrastructure Grant (RPIG), a federally-funded program administered by the State. On February 24, 2017, the Village of Scio conducted the first public hearing to provide citizens with pertinent information about the CDBG program, including eligible activities and program requirements.

The Village of Scio will conduct a second public hearing at 5:00 p.m. on **Wednesday, March 8<sup>th</sup>** at the Scio Branch of the Puskarich Public Library, 331 W. Main Street, Scio, OH 43988. This public hearing will give citizens an opportunity to review and comment on the plans for improvements to the village's water treatment plant and CDBG-RPIG application to the Ohio Development Services Agency. The village proposes to make improvements at the water treatment plant; including, but not limited to, the addition of two 8,000 gallon clearwell tanks, a polyphosphate feed system, two high service pumps, installation of a draft aerator, two transfer pumps, a generator, and 8,000 gallon capacity reaction tank. The cost for such improvements is estimated at \$698,600. The estimated sources and amounts of funding are as follows: CDBG Residential Public Infrastructure Grant Program - \$349,300, Harrison County Commissioners - \$196,500, Utica East Ohio Midstream, LLC - \$149,000, and the Village of Scio - \$3,800.

**Citizens are encouraged to attend this important meeting on Wednesday, March 8<sup>th</sup> to express their views and comments on the village's proposed Water Treatment Plant Improvements.**

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The Village of Scio  
Date of Notice

## MEETING MINUTES FOR CDBG PUBLIC MEETING #2 WATER TREATMENT PLANT IMPROVEMENTS VILLAGE OF SCIO

The Village of Scio hosted a second public meeting concerning the Community Development Block Grant (CDBG) program on Wednesday, March 8<sup>th</sup> at 5:00 p.m. at the Puskarich Public Library, 331 W. Main Street in Scio. The meeting was advertised in the Harrison News-Herald and by public announcements posted at various locations throughout the Village.

A copy of the agenda, hand-outs and attendance sheet are attached to these meeting minutes.

**Present** – Michelle Carpenter (Mayor), Ed Kidston (Artesian of Pioneer), Jake Tubaugh, Rod Wilds, Joe Citro, Sam Citro, Trina Woodland, Community Development Specialist (OMEGA), Trish Copeland (Village Clerk), Janeen Scott, Jeannette Wierzbicki, Executive Director (OMEGA), Andrew Turner, Travis Albaugh

The purpose of the second public meeting was to provide an overview of the water treatment plant improvements for the Village of Scio and to encourage public inquiry and comments.

Ms. Wierzbicki, Executive Director of OMEGA, introduced herself and Trina Woodland, Community Development Specialist for OMEGA. She distributed handouts containing the meeting agenda, the project schedule, requirements for the environmental review, and tables of construction costs and total project funding. After a brief explanation of OMEGA's role in the CDBG process, Ms. Wierzbicki introduced Ed Kidston, President/CEO of Artesian of Pioneer.

Mr. Kidston provided a basic overview of the proposed water treatment plant improvements. He explained that the Village of Scio gets water from two deep water wells. While the wells are protected from some contaminants, different metals can be picked up in the water. He explained that the existing plant consists of two pressure filters only, which are not sufficient to remove the metals from the water, resulting in the high levels of manganese experienced by residents.

The proposed system will correct the problem and reduce the level of manganese in the finished water. Water from the wells will be aerated to oxidize the manganese, allowed to react in the detention tanks, and then filtered. Chlorine will be added to the system between aeration and detention. After filtration, the water will enter the clearwell tanks, from which the water will ultimately be pumped to the distribution system.

The Ohio EPA is requiring the addition of polyphosphate to the water to coat the lines so that lead and manganese does not leach into the water. The polyphosphate will be added after the water leaves the clearwell tank. This will enable the Village to use water from the clearwells to backwash the filters which will help extend the life of the filter media.

Mr. Kidston explained that the proposed design is a common one similar to that of many other small towns. This is a basic system that will consist of aeration/oxidation and filtration followed by pumping to the distribution system.

Manning the system will not require a lot of operator time, and the aeration system will require less chemical treatment. There will be three large tanks visible from outside the building, one aeration tank and two clearwell tanks.

Mr. Kidston made blueprints of the project available for any who wished to see them. Several of those in attendance spent time in review and discussion of the blueprints.

Once this was complete, Ms. Wierzbicki explained the project schedule, and the environmental review process, which is required to receive CDBG grant funding. She reiterated that plans for the first phase of the Water Treatment Project have been approved by the Ohio EPA. Second Phase Plan approval is pending. Once this is received, the CDBG application will be submitted. Second phase plan approval is expected within the next four weeks.

The floor was then opened for questions.

Questions were as follows:

Q: Who does construction inspection for the project?

A: An independent consultant will be hired.

Q: Will the project be advertised?

A: Yes, the project will be advertised for bids in accordance with state law and grant requirements.

Q: How many bids will be required?

A: There is no specific number. If a bid falls within the estimate, it can be accepted.

Q: Will the project be subject to Davis-Bacon and Prevailing Wage laws?

A: Yes

Q: There are currently three wells. Will all three be in use when the project is completed?

A: No. Only two of the three wells will be used.

Q: How long will it take for the polyphosphate process to become effective?

A: Polyphosphate is effective immediately upon entering the water. Under EPA mandates, the use of polyphosphate will be permanent.

Q: What is included in operating costs?

A: The cost of operating the aeration blower and two pumps, chemical costs, (these will decrease due to aeration and retention), and polyphosphate, (this will be a minor operating cost).

Q: Construction will take place alongside existing tanks. Will all existing tanks be demolished?

A: Yes. Filters will stay.

Q: Are pumps readily available?

A: Not a lot of lead time is required for the pumps.

Q: Will sulfur be an issue?

A: Not at this site.

Q: If the Village of Scio increases in size, will the upgrade accommodate it?

A: Yes. The system will have a capacity of 115 gallons/minutes, 165,000 gallons/day. Current demand only requires about 1/3 of this capacity.

With no other questions, the meeting was adjourned.



### Participants in the Review

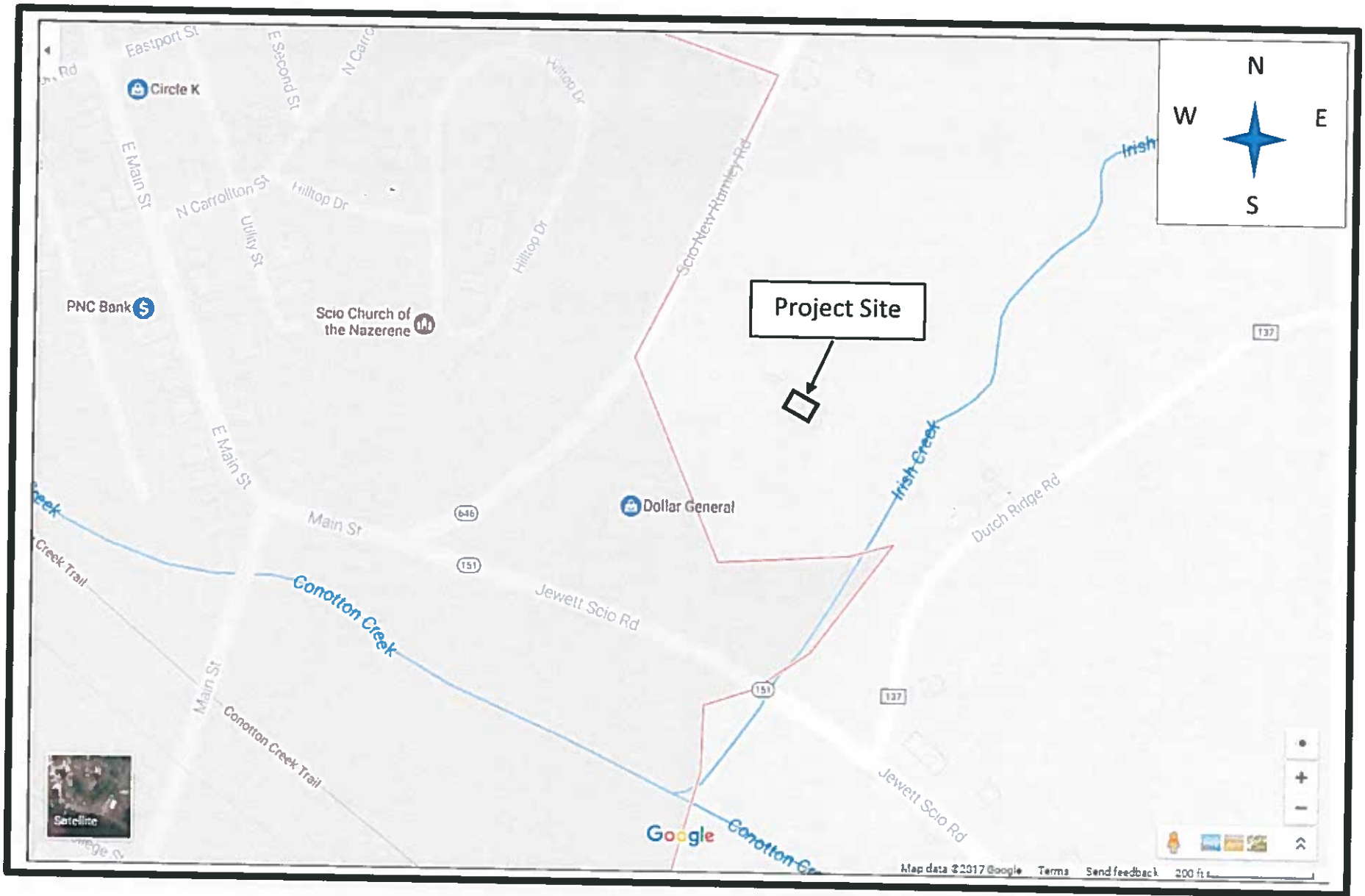
Name	Title	Organization
Trina Woodland	Community Development Specialist	Ohio Mid-Eastern Governments Association
Robert Sterling	Harrison County Floodplain Administrator	Harrison County Engineers Office
Kendra Kennedy	Project Reviewer	Ohio Historic Preservation Office

## Location Map

This attachment includes:

- Location Maps

# Location Map - Village of Scio Water Treatment Plant



# Location Map – Village of Scio WTP Harrison County, Ohio





Copies of Other Environmental Analysis

N/A

## Other Relevant Correspondence and Notifications

This section includes:

- Correspondence: Ohio Historic Preservation Office



In reply refer to:  
2017-HAS-39265

July 18, 2017

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

RE: Section 106 Review, CDBG, Residential Public Infrastructure Grant, Water Treatment Plant Improvements, Scio New Rumley Road, Village of Scio, North Township, Harrison County, Ohio

Dear Ms. Woodland:

This letter is in response to your correspondence, received June 23, 2017, regarding improvements to the water treatment plant (WTP) on Scio New Rumley Road in the Village of Scio, North Township, 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 installation of a new aerator, a reaction tank, transfer pumps, a standby generator, two Clearwell tanks, two high service pumps, and a polyphosphate feed system. In addition, two well pumps will be replaced. According to the submission, only the Clearwell tanks will be installed outside of the existing WTP building although submitted site and floor plans suggest the aerator, reaction tank, and generator will also be installed outside. Several buildings are visible from the WTP, but these buildings do not appear eligible for listing on the National Register of Historic Places. Since the work will take place within the existing, fenced WTP property, it is unlikely that this project will impact any intact archaeological sites.

Based on the information provided, it is my opinion that the project will not affect historic properties. Please be advised that this is a Section 106 decision. This review decision may not extend to other SHPO programs. No further coordination is required for this project unless the scope of the 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 red ink, appearing to read "Kendra Kennedy".

Kendra Kennedy, Project Reviews Manager  
State Historic Preservation Office

cc: Tim Allen, DSA

Serial No. 1068439





# Statutory Checklist

Supporting Documentation

## Item #1.) State Historic Preservation Office

This section includes:

- Correspondence with Ohio Historic Preservation Office
- 106 Form
- Photos
- APE Maps
- National Register of Historic Places in Harrison County
- Ohio Historic Preservation Office Map



In reply refer to:  
2017-HAS-39265

July 18, 2017

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

RE: Section 106 Review, CDBG, Residential Public Infrastructure Grant, Water Treatment Plant Improvements, Scio New Rumley Road, Village of Scio, North Township, Harrison County, Ohio

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Sincerely,

A handwritten signature in blue ink, appearing to read "Kendra Kennedy", with a long horizontal flourish extending to the right.

Kendra Kennedy, Project Reviews Manager  
State Historic Preservation Office

cc: Tim Allen, DSA

Serial No. 1068439



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.

Date: **June 19, 2017**

Name/Affiliation of person submitting form: **Trina Woodland – Ohio Mid-Eastern Government's Association**

Mailing Address: **326 Highland Avenue, Suite B, Cambridge, OH 43725**

Phone/Fax/Email: **(740) 439-4471, (740) 439-7783, trinaw@omegadistrict.org**

#### A. Project Info:

1. This Form provides information about:

New Project Submittal:

**YES NO**

Additional information relating to previously submitted project:

**YES NO**

OHPO/RPR Serial Number from previous submission:

2. Project Name (if applicable): **Scio Water Treatment Plant 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: **39003 Scio New Rumley Road**

C. City/Township: **Village of Scio, North 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 Residential Public Infrastructure Grant Program**

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, not financial.**

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):

**Two public meetings were held in accordance with CDBG grant requirements. These meetings were held, the first on February 24, 2017 and the second on March 8, 2017. Public attendance and commentary was solicited by advertisement in the local newspaper. These meetings were designed specifically to inform the public about the grant program and to explain the logistics of the project. During the meetings, the public was invited to ask questions and comment on any aspect of the project. In addition to voicing questions and concerns at the meetings, the public was also invited to address further questions to the Ohio Mid-Eastern**



**Governments Association, with all inquiries to be answered within 15 days of receipt.**

- 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:

**There are no Indian Tribes that will be affected by the project. Local officials include Scio Village officials and the Harrison County Commissioners who are in full support of the plan for improvements to the Village water treatment plant, with the Harrison County Commissioners providing \$195,000 toward project costs. There are no property owners who will be negatively impacted by the project. Although there are a few residential properties within visual range of the project area, most of the changes resulting from the water treatment facility will take place inside the existing building. The only exception to this will be the installation of two Clearwell tanks that will be installed along the Eastern outside wall of the water treatment plant. The water treatment plant is enclosed on all sides by a metal fence and the visual impact of the Clearwell tanks will be minimal. Additionally, none of the properties within visual range appear to be historic. The distance between the water treatment plant and the nearest residential properties is such that even if historic properties were involved, the visual impact of the project would remain minimal.**

## **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 Village of Scio is located in North Township in Harrison County. This places The Village in the northeastern quadrant of the state. The water treatment facility is located on the eastern outskirts of the Village. The APE includes a few residential structures which do not appear to be historic. (Please see included photos) The area surrounding the water treatment plant is bordered on the west by Rumley Road. There are a couple of residential structures which sit west of Rumley Road that are within view of the water treatment plant. These structures do not appear to be historic and they are far enough away that the view of the water treatment plant is poor, at best. There is a single residential structure which sits northeast of the water treatment plant of the eastern side of Rumley Road, which does not appear to be historic. As previously noted, the distance of this structure from the water treatment plant makes visibility poor. There are also trees in the view shed, which further obstruct visibility. The eastern edge of the property surrounding the WTP is bordered by Irish Creek. There is one residential structure and some out buildings, which lie east of the creek. All of these structures appear modern in design. (Please see enclosed photos)**

**The distance of structures from the water treatment facility, their modern design, and the minimal change to the outside of the WTP lead to conclusion that no historic properties will be affected by the WTP improvements.**

**The project will involve improvements to the Village of Scio's water treatment**

facility to address high levels of iron and manganese in the water. Improvements will include the installation of two new Clearwells, high service pumps, and a polyphosphate feed system. With these improvements, the backwash supply water will no longer be sourced from the distribution system; thereby preventing disruptions to the system, and chemicals such as polyphosphate to help sequester the iron and manganese can be fed without fear of harming the filtration process. This phase provides an additional 16,000 gallons of treated water storage and will reduce the pressure inside the plant to 40-60 psi. Specific improvements include two 8,000 gallon steel clearwell tanks, a polyphosphate feed system and two 115 gpm high service pumps. These improvements will provide a more operational flexibility and added assurance that the levels of manganese will consistently be below the secondary MCL. When the project is completed, the only new additions that will be visible from outside the building are the two 8000 gallon steel Clearwell tanks. The water treatment facility itself is enclosed by metal fencing on all sides, which minimizes visibility from outside the fence line. All other development discussed above will take place inside the building and have no effect on historic properties.

*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:

**Ground disturbance will be limited to one 12' by 12' section and one 12' by 24' section. All ground disturbance will occur inside the fenced area.**

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

**Prior to the construction of the water treatment facility and the baseball fields, this area was unused due to flooding. Although the area still floods sometimes, the water treatment facility foundation was constructed on a foundation that is raised several feet above ground level, which elevates it above the flood plain.**

3. Narrative description of current land use and conditions:

**There are baseball fields on both the Northern and Southern sides of the water treatment plant. The Eastern side of the plant is bordered by open space, which is unused. The Western side borders the parking lot which exits to Rumley Road. The primary use of the land surrounding the water treatment plant is for recreational purposes.**

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

**There are no known archaeological resources located on this property. However, if artifacts should be discovered during project development, all activities will be stopped immediately and the Village will contact the Ohio Historical Preservation Office.**

- 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: **Scio Quadrangle (US Topo Map Included)**

2. Township/City/Village Name: **North Township/Village of Scio**

- 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 included map)**

- 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 proposed project involves improvements to the existing water treatment facility in the Village of Scio. Most of the improvement will take place inside the building and will have no effect on the surrounding area. The only change to the outside of the facility will be the addition of two Clearwell tanks, which will be installed along the outside wall of the building. The water treatment facility is fully enclosed by a metal fence on all sides. No development activities will take place outside the fenced area. Ground disturbance will be minimal and will be limited to the area inside the fence. The APE for this project includes all structures and land within site of the project area. This includes a few modern residential structures and their associated auxiliary buildings on the Eastern and Western sides of the water treatment plant, a Dollar General store on the Southern side, and a baseball field and open space on the Northern side. The APE was determined by a visit to the site, where it became evident that the scope of work would not include anything that would be potentially harmful, even if there were historic properties present. However, the site visit also demonstrated that there appear to be no historic properties visible from the project site.**

- 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:

**The Scio Water Treatment Plant currently has two wells. The water is treated with chlorine and potassium permanganate oxidation and filtered with 2 Maris media filters (installed in 2009) before chlorine disinfection and release through the distribution system. There is a 200,000 gallon water storage tank on the distribution system, which provides service to 353 taps.**

**Throughout 2015 and the first half of 2016, the level of manganese in the drinking water produced by the Village consistently exceeded the secondary maximum contaminant level (MCL) of 0.05 mg/L. In July 2016, the level of manganese not only exceeded the secondary MCL, but also exceeded the US EPA Health Advisory Level (HAL) of 1.0 mg/L (one-day and ten-day value for a 10 kg child) and 0.3 mg/L lifetime limit for the general population. In response to these exceedances of the HAL, Ohio EPA required the Village of Scio to issue a "Do Not Drink Order" and to correct the issue as soon as possible.**

**To address the drinking water emergency, the Village of Scio completed an Intervention Phase of the project, replacing and installing new media in the filters at the plant. The installation of the new filter media and changes to the chemical feed system alleviated the high levels of manganese; however, additional improvements are needed in order to sustain this level of treatment. These additional improvements listed herein as Phase 1 and Phase 2 are needed to ensure that the**

Village of Scio provides safe drinking water on a long-term basis.

The Phase 1 improvements will include a new aerator, a new reaction tank, replacement of two well pumps, two new transfer pumps and a natural gas-fueled standby generator. With completion of these improvements, the plant's capacity will be reduced from 0.173 million gallons per day (MGD) to 0.165 MGD; however, the village's average daily demand is 0.076 MGD and the maximum demand is 0.15 MGD. Specific improvements include the installation of an aluminum-induced draft aerator with a 1,368 cubic feet per minute blower, an 8,000 gallon capacity steel reaction tank with concrete pad and foundation, two transfer pumps with a 115 gallon per minute (gpm) capacity, a 100 KW natural gas-fueled generator with automatic transfer switch, a chlorine analyzer, valves, piping, controls, and other appurtenances needed for a complete and fully functioning system.

Phase 2 of the project will include the installation of new Clearwell, high service pumps, and a polyphosphate feed system. With these improvements, the backwash supply water will no longer be sourced from the distribution system; thereby preventing disruptions to the system, and chemicals such as polyphosphate to help sequester the iron and manganese can be fed without fear of harming the filtration process. This phase provides an additional 16,000 gallons of treated water storage and will reduce the pressure inside the plant to 40-60 psi. Specific improvements include two 8,000 gallon steel clearwell tanks, a polyphosphate feed system and two 115 gpm high service pumps. These improvements will provide a more operational flexibility and added assurance that the levels of manganese will consistently be below the secondary MCL. When the project is completed, the only new additions that will be visible from outside the building are the two 8000 gallon steel clearwell tanks. All other development discussed above will take place inside the building and have no effect of historic properties.

### **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: X**

#### **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.

**(Please see included photos)**

- 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.

**(Project Plans are included)**

- C. Copies or summaries of any comments provided by consulting parties or the

public.

**No comments were received by consulting parties or the public regarding historic properties.**

**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.): **N/A**

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:

**The water treatment facility is located at 39005 – 39133 Scio New Rumley Road in the Village of Scio, Ohio. The facility sits between two ball diamonds in the middle of a flat, open field. In addition to the fact that there are no historic properties listed on the National Register in the Village of Scio or the surrounding area, there are very few structures in view of the water treatment plant. The few residential structures that are present are modern in design and far enough removed that any visual effects would be minimized. (Please see included photos.) A further determination that no historic properties will be affected is that most of the project development will take place inside the building. The only change to the outside view will be the addition of two Clearwell tanks along the outside wall of the facility. Finally, the water treatment plant is enclosed on all sides by a metal fence, further obscuring the view from outside the facility.**

**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:

**Based on the information provided above, no historic properties are present in the APE of the water treatment facility.**

**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:*

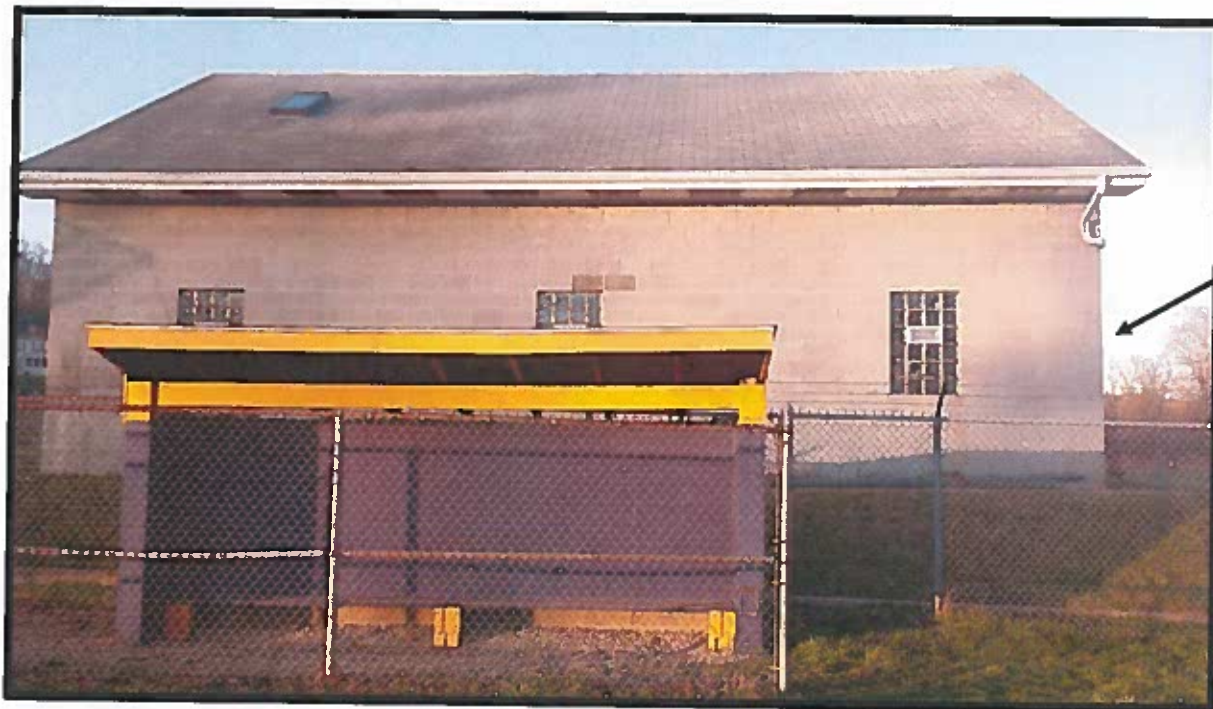
*Ohio Historic Preservation Office  
Attn: Resource Protection and Review Department Head  
Resource Protection and Review  
800 E. 17<sup>th</sup> Avenue  
Columbus, OH 43211-2497*

# Scio Water Treatment Plant



West end of building faces the parking lot.

**Photo #1)** View of North outside wall of Scio Water Treatment



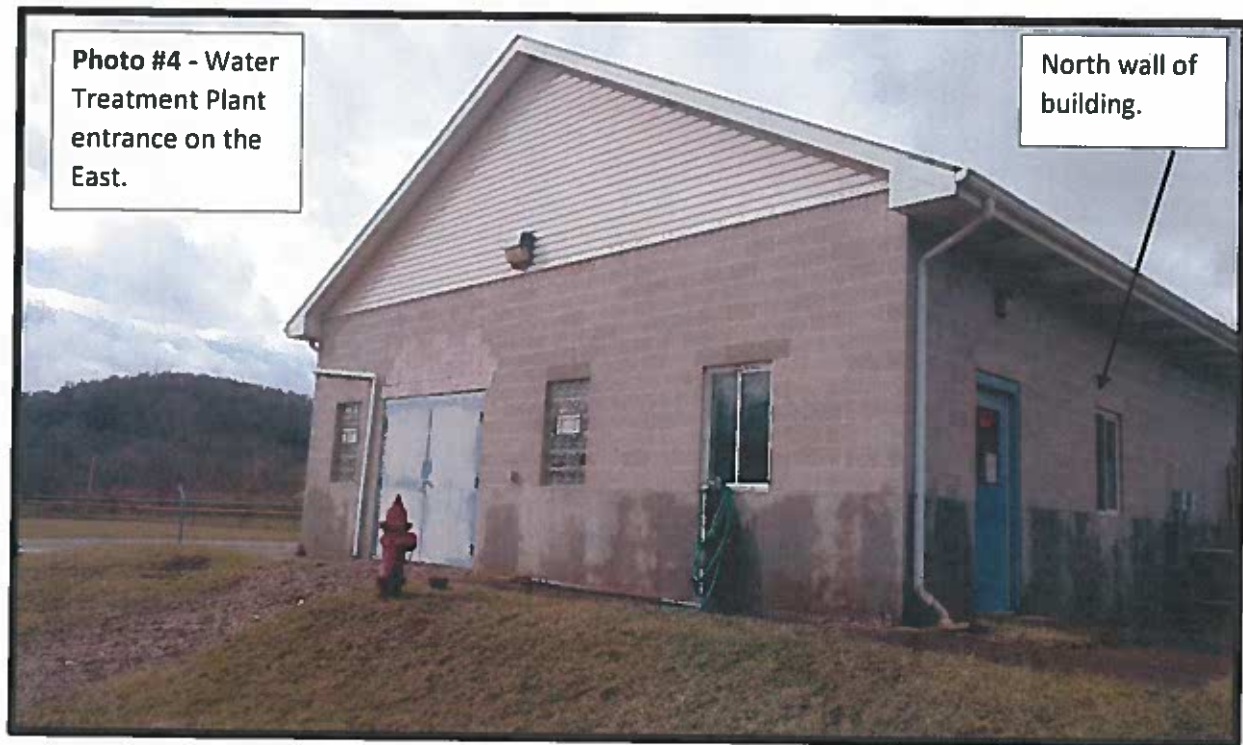
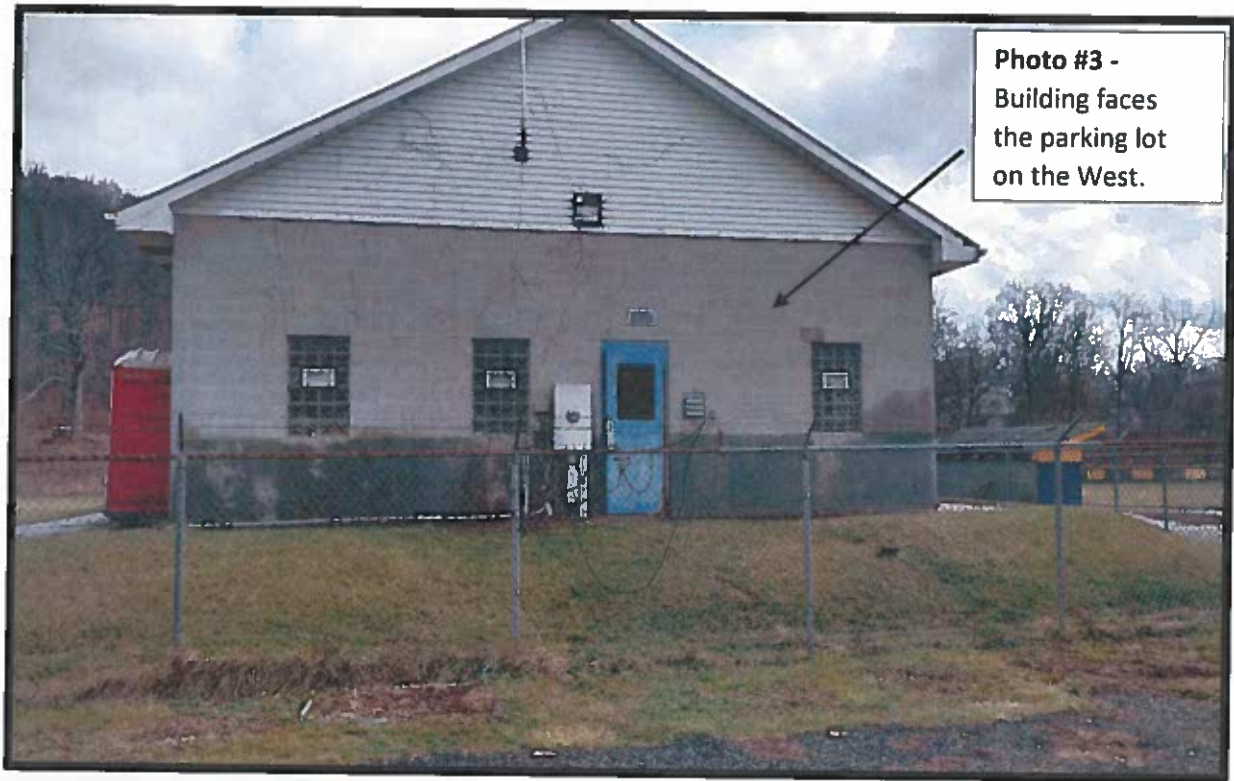
Eastern entrance of building.

**Photo #2)** View of South outside wall of Scio Water Treatment Plant.

*The Water Treatment Plant is located between two ball diamonds and fully enclosed by metal fencing on all sides.*



# Scio Water Treatment Plant





## Scio Water Treatment Plant



**Photo #5)** This is the view from the Southwestern edge of the water treatment facility. There is a home and outbuilding in the top right quadrant of the photo. The home is of modern construction, and is also shielded by trees from the view of the water treatment facility. This home is also partially hidden by the hill, so visibility of the water treatment facility is very poor.



**Photo #6)** View from the WTP on the east. The only structures are a home and some outbuildings, all modern in construction. The view is partially obscured by trees.

## Scio Water Treatment Plant



**Photo #7)** Looking West from rear corner of ball field that abuts the South edge of the water treatment facility. All buildings in view are of modern construction and are far enough removed from the WTP to minimize visual impact.



**Photo #8)** Closeup of photo above demonstrating modern construction of home. (This is difficult to see because of interference from the sun. Other housetops that are visible have no direct view of the water treatment facility as they sit down behind the hill.)



## Scio Water Treatment Plant



**Photo #9)** Looking Northwest from rear of water treatment plant. There is another ball field here with a dugout and outbuilding. There are a couple of residential homes in view, but these are mostly obscured by trees. They also sit far enough away that visibility of the WTP is minimal. Homes are all of modern construction.



**Photo #10)** Looking east from corner of water treatment plant. There is a residential home mostly obscured by trees. Construction of the home appears to be modern.

# Scio Water Treatment Plant

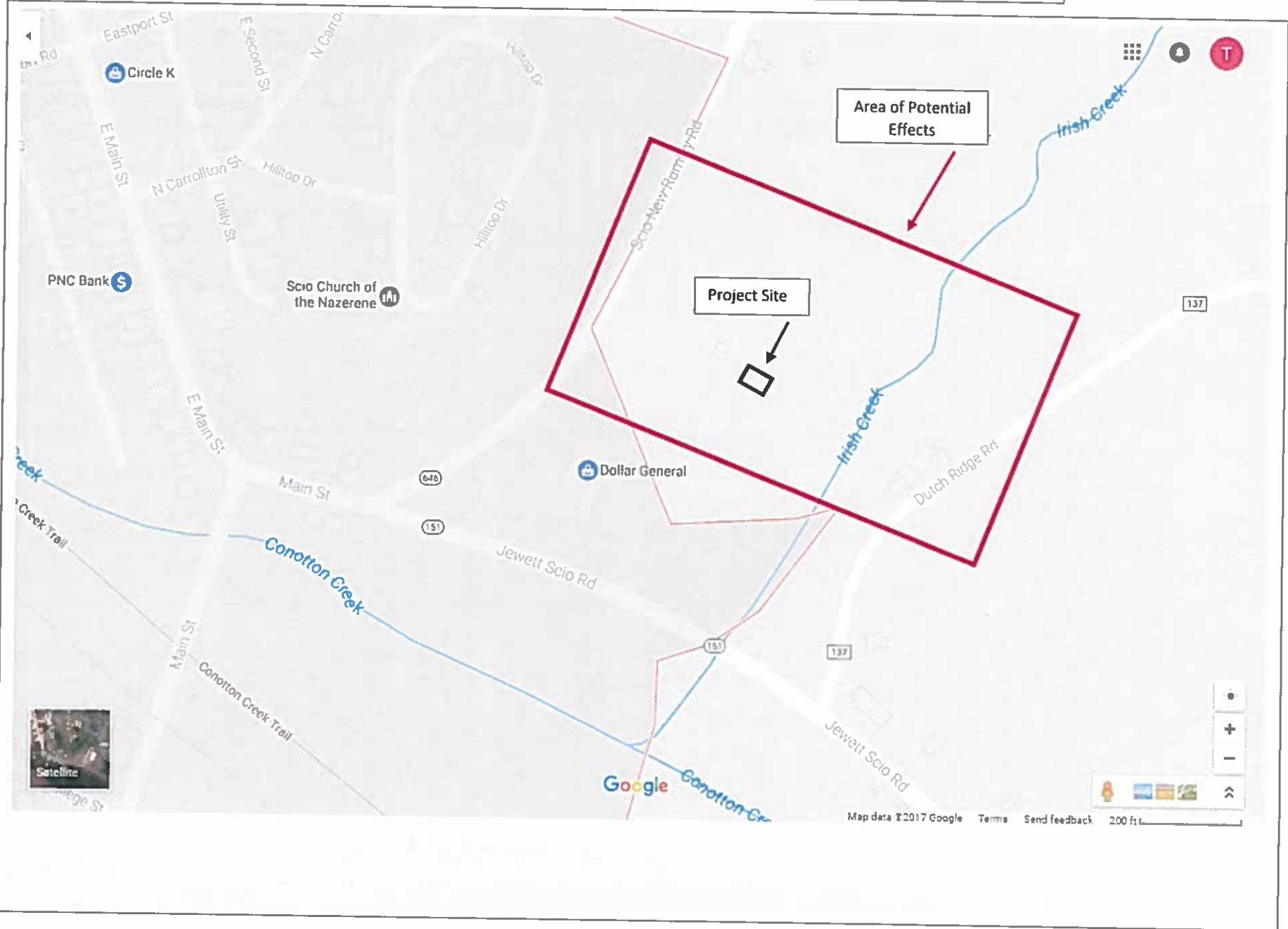


**Photo #11)** View from Northwestern corner of water treatment plant.



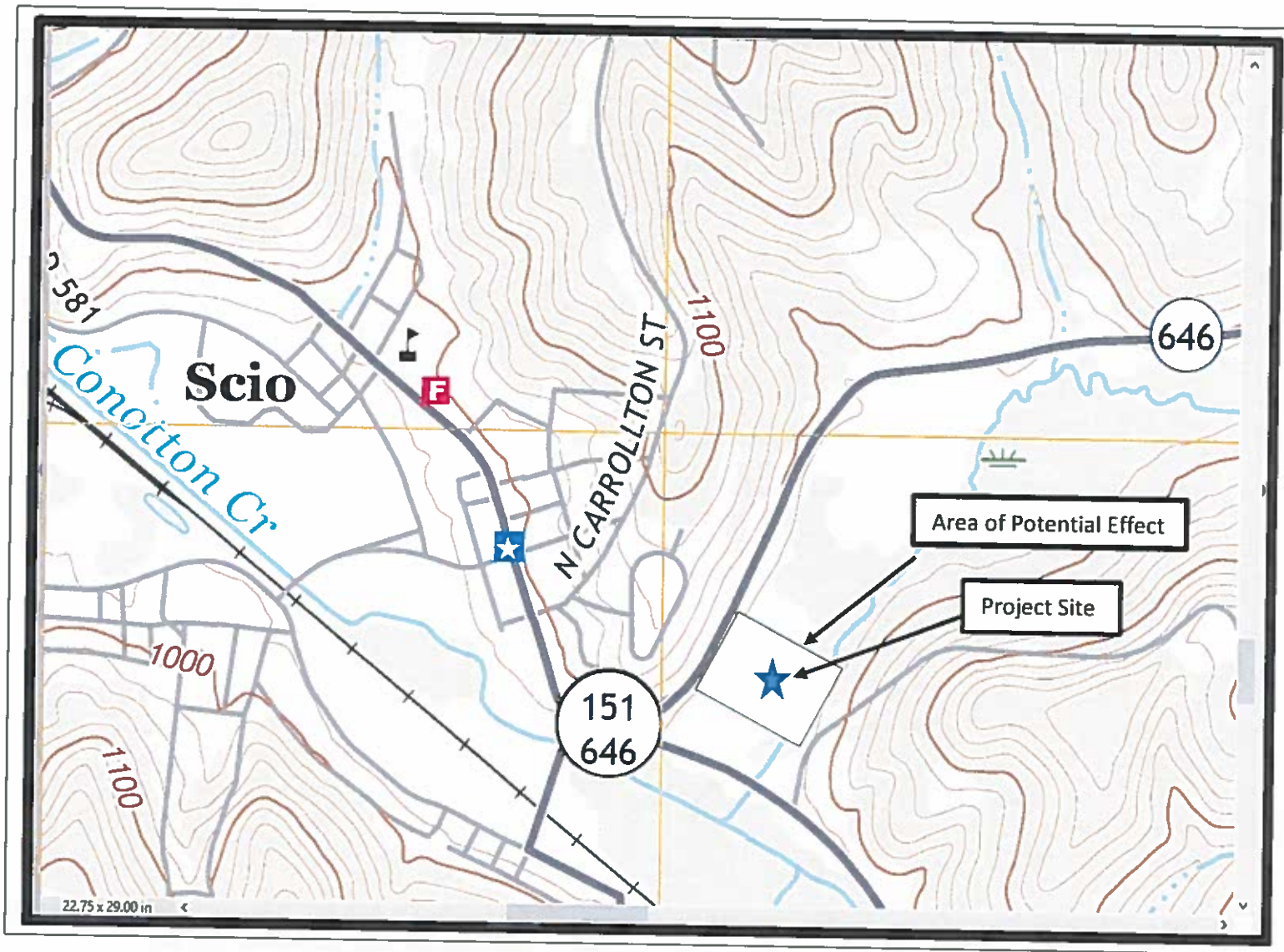
**Photo #12)** View from Northeastern corner of water treatment plant

# Street Level Map Showing Project Site and Area of Potential Effects – Village of Scio





# USGS Topo Map – Village of Scio Area of Potential Effects



# 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 posted July 14, 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)	Roughly along W Main St. from 230 W. Main St. to 212 W. Main St. 40°18'28"N81°11'21"W	Deersville	
2	Franklin College Building No. 5		May 8, 1987 (#87000687)	Main St. 40°11'15"N80°59'47"W	New Athens	
3	Harrison County Courthouse		July 18, 1974 (#74001524)	Courthouse Sq. 40°16'22"N80°59'53"W	Cadiz	
4	Harrison National Bank		December 23, 1993 (#93001438)	101 E. Market St. 40°16'22"N80°59'48"W	Cadiz	
5	Henry Law Farm Historic District		August 22, 2002 (#02000882)	87675 Reed Rd. 40°22'25"N81°14'22"W	Monroe Township	
6	Ourant's School		March 17, 1994 (#94000241)	Ourant Rd. west of Cadiz 40°17'14"N81°07'36"W	Nottingham Township	
7	John Reaves House		July 15, 1977 (#77001068)	Public Sq. 40°12'37"N81°16'04"W	Freeport	

## See also

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

## References

1. 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.html>), 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.

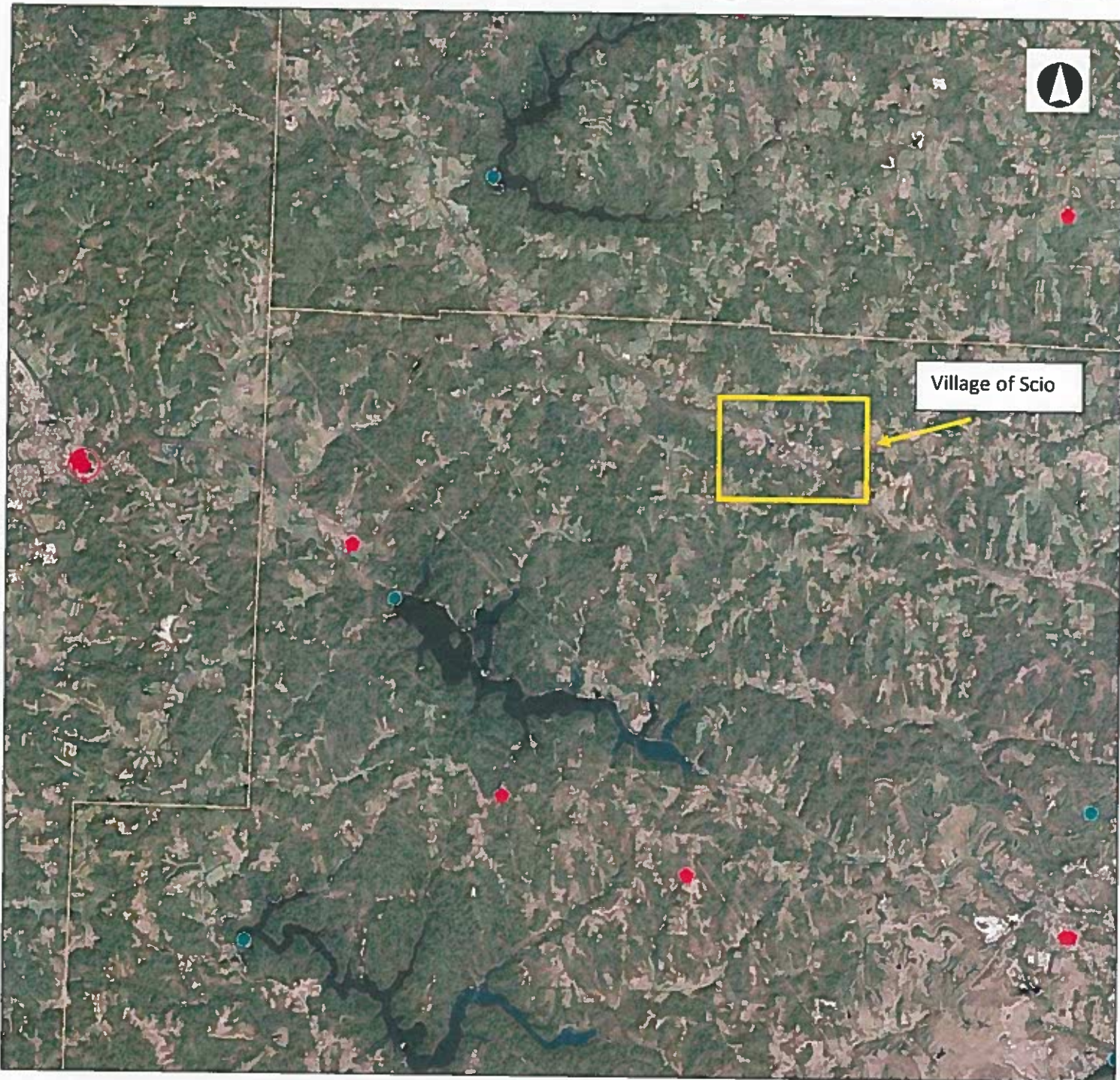
2. "National Register of Historic Places: Weekly List Actions" (<http://www.cr.nps.gov/nr/nrlist.htm>). National Park Service, United States Department of the Interior. Retrieved on July 14, 2017.
3. Numbers represent an ordering by significant words. Various colorings, defined **here**, differentiate **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" ([http://nrhp.focus.nps.gov/natreg/docs/All\\_Data.html](http://nrhp.focus.nps.gov/natreg/docs/All_Data.html)). *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.

Retrieved from "[https://en.wikipedia.org/w/index.php?title=National\\_Register\\_of\\_Historic\\_Places\\_listings\\_in\\_Harrison\\_County,\\_Ohio&oldid=700338660](https://en.wikipedia.org/w/index.php?title=National_Register_of_Historic_Places_listings_in_Harrison_County,_Ohio&oldid=700338660)"

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**Legend**

- NR Public Listings**
  - Listed
  - ⊙ National Historic Landmark
  - ✕ Delisted
- Dams
- UTM Zone Split
- Highways
- Counties
- NPS Parks
- Wayne National Forest



1: 215,138

**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





## Floodplain Management

Project area is in the 100-year Flood Plain, but the project site has been elevated above the flood plain. Harrison County Floodplain Administrator has provided a letter stating that the proposed improvements will not result in raising the 100-year flood plain, and there are no objections to the improvements.

This section includes:

- All floodplain correspondence
- Floodplain map

HARRISON COUNTY  
ENGINEER'S OFFICE

OFFICE 740.942.8867 • FAX 740.942.3034  
100 W. 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

RECEIVED AUG 17 2017

August 15, 2017

Trina Woodland  
Community Development Specialist  
OMEGA  
326 Highland Avenue  
Suite B  
Cambridge, Ohio 43725

Re: Village of Scio: Water Plant Improvement

Dear Trina:

Plans for the proposed Scio Village Water Plant Improvements have been reviewed with regard to their impact on the 100-year floodplain. As none of the proposed improvements will result in raising the 100-year flood elevation, there is no objection to these installations.

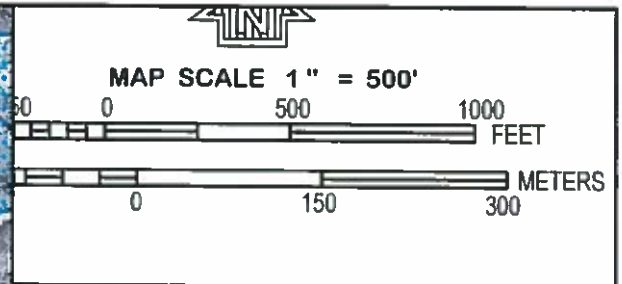
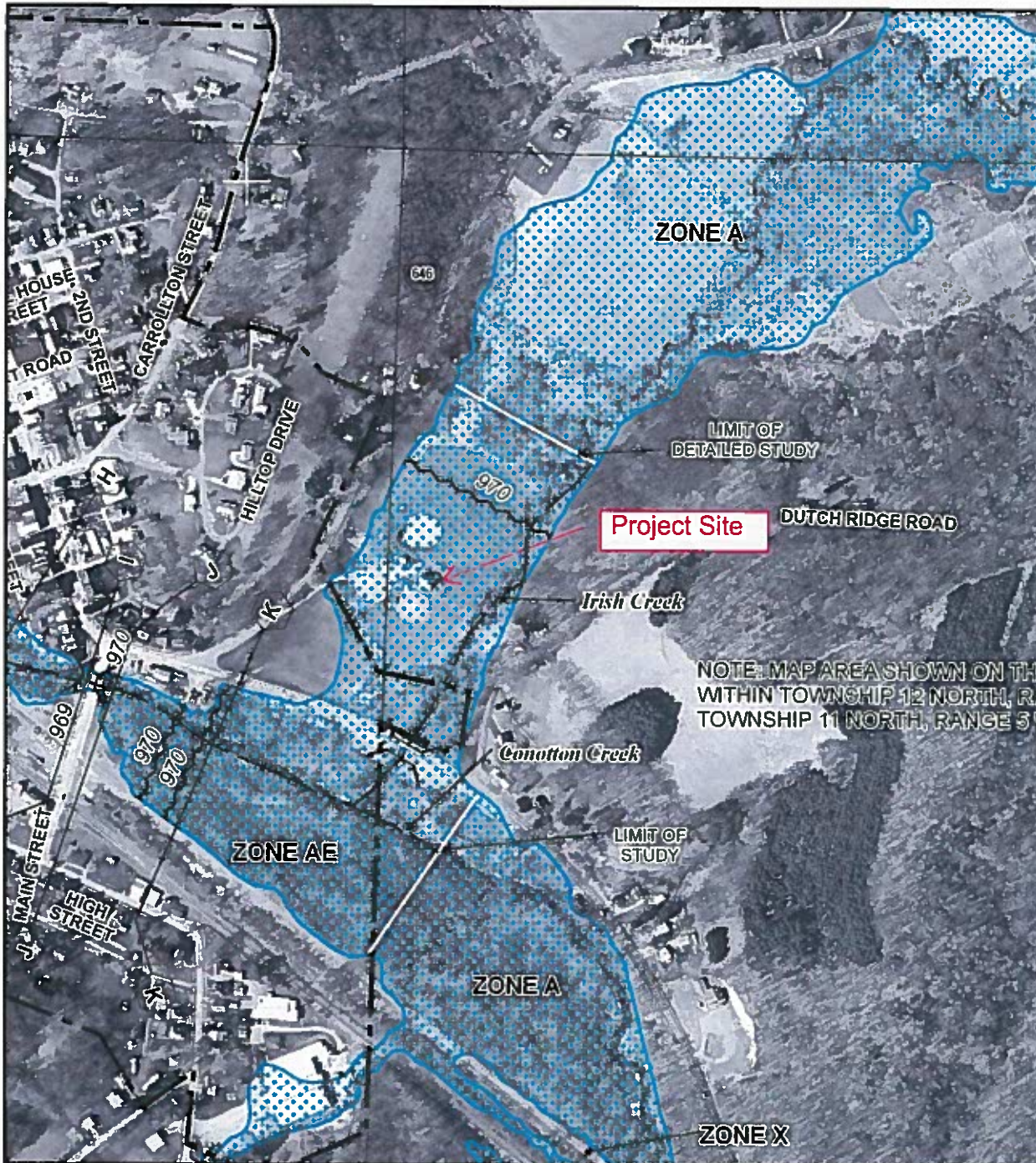
Very truly yours,

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

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

RKS/km





NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0064D

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

PANEL 64 OF 375  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
HARRISON COUNTY	390255	0064	D
SCIO VILLAGE OF	390261	0064	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  
39067C0064D  
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)

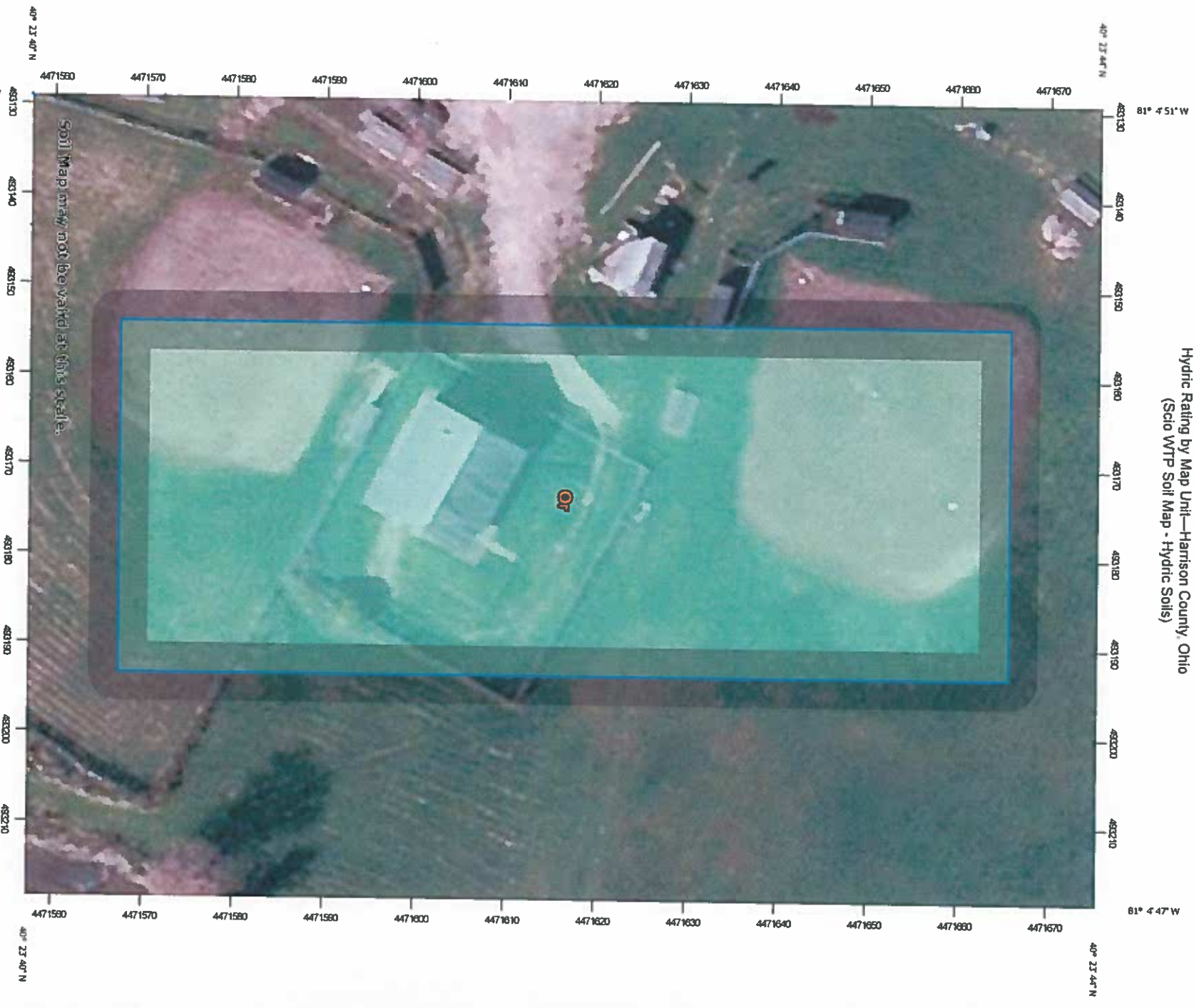
## Wetland Protection

This section includes:

- Soil Map and data for Harrison County
- Marked soil map showing project area
- Marked wetland map showing project area
- Electronic Code of Federal Regulations – Part 55



Hydric Rating by Map Unit—Harrison County, Ohio  
(Scioto WTP Soil Map - Hydric Soils)



Soil Map may not be valid at this scale.

Map Scale: 1:576 if printed on A portrait (8.5" x 11") sheet.

0 5 10 20 30 Meters



























0 25 50 100 150 Feet

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



Hydric Rating by Map Unit—Harrison County, Ohio  
(Scio WTP Soil Map - Hydric Soils)

**MAP LEGEND**

- Area of Interest (AOI)**
  -  Area of Interest (AOI)
- Soils**
  - Soil Rating Polygons**
    -  Hydric (100%)
    -  Hydric (66 to 99%)
    -  Hydric (33 to 65%)
    -  Hydric (1 to 32%)
    -  Not Hydric (0%)
    -  Not rated or not available
  - Soil Rating Lines**
    -  Hydric (100%)
    -  Hydric (66 to 99%)
    -  Hydric (33 to 65%)
    -  Hydric (1 to 32%)
    -  Not Hydric (0%)
    -  Not rated or not available
  - Soil Rating Points**
    -  Hydric (100%)
    -  Hydric (66 to 99%)
    -  Hydric (33 to 65%)
    -  Hydric (1 to 32%)
    -  Not Hydric (0%)
    -  Not rated or not available
- Water Features**
  -  Streams and Canals
- Transportation**
  -  Rails
  -  Interstate Highways
  -  US Routes
  -  Major Roads
  -  Local Roads
- Background**
  -  Aerial Photography

**MAP INFORMATION**

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

**Warning:** Soil Map may not be valid at this scale.  
Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for 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: Oct 6, 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.

## Hydric Rating by Map Unit

Hydric Rating by Map Unit— Summary by Map Unit — Harrison County, Ohio (OH067)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Or	Orrville silt loam, 0 to 3 percent slopes, occasionally flooded	5	1.0	100.0%
<b>Totals for Area of Interest</b>			<b>1.0</b>	<b>100.0%</b>

## Description

This rating indicates the percentage of map units that meets the criteria for hydric soils. Map units are composed of one or more map unit components or soil types, each of which is rated as hydric soil or not hydric. Map units that are made up dominantly of hydric soils may have small areas of minor nonhydric components in the higher positions on the landform, and map units that are made up dominantly of nonhydric soils may have small areas of minor hydric components in the lower positions on the landform. Each map unit is rated based on its respective components and the percentage of each component within the map unit.

The thematic map is color coded based on the composition of hydric components. The five color classes are separated as 100 percent hydric components, 66 to 99 percent hydric components, 33 to 65 percent hydric components, 1 to 32 percent hydric components, and less than one percent hydric components.

In Web Soil Survey, the Summary by Map Unit table that is displayed below the map pane contains a column named 'Rating'. In this column the percentage of each map unit that is classified as hydric is displayed.

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). Under natural conditions, these soils 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).

### References:

Federal Register. July 13, 1994. Changes in hydric soils of the United States.

Federal Register. September 18, 2002. Hydric soils of the United States.

Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in 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. 2006. Keys to soil taxonomy. 10th edition. U.S. Department of Agriculture, Natural Resources Conservation Service.

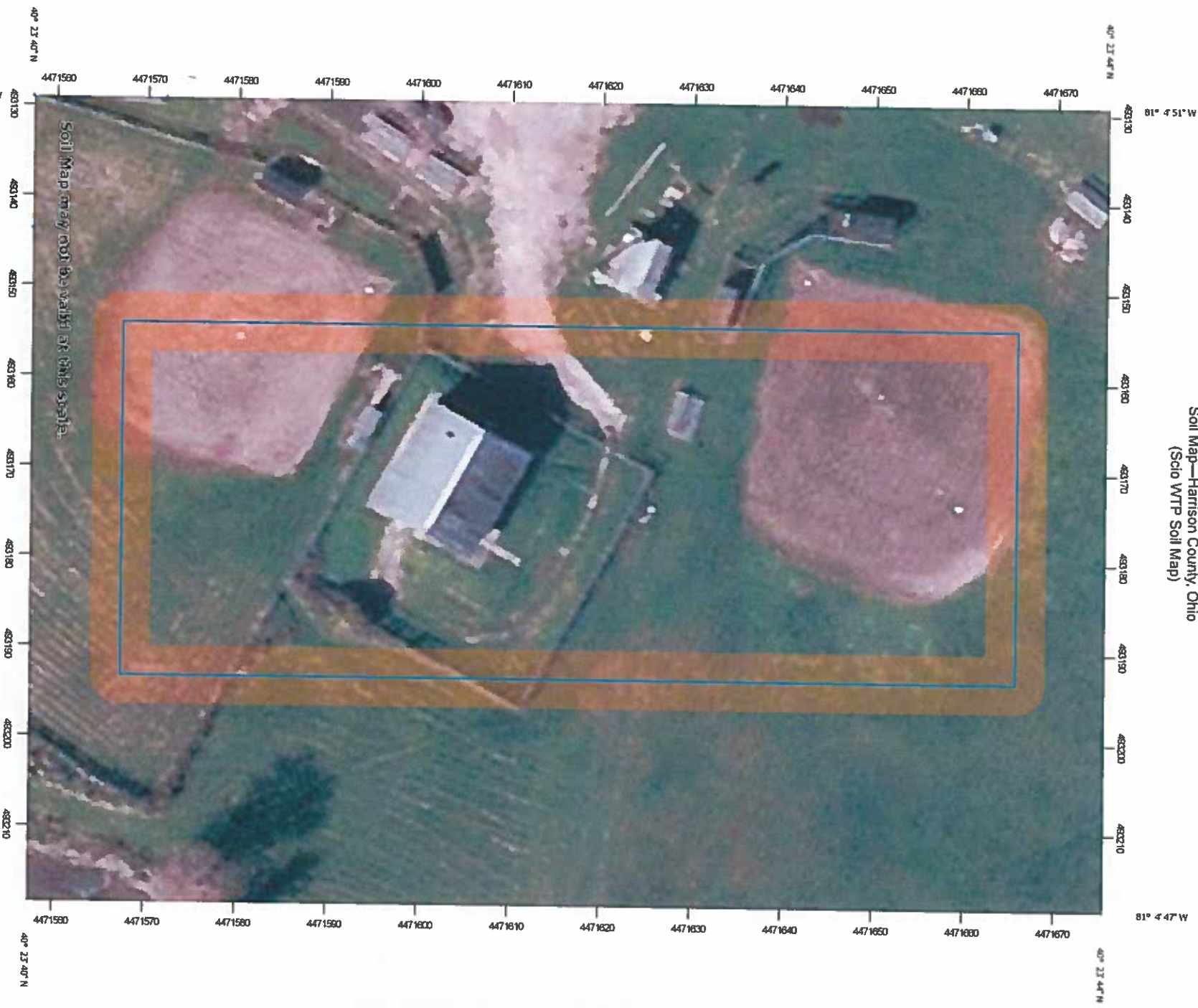
## Rating Options

*Aggregation Method: Percent Present*

*Component Percent Cutoff: None Specified*

*Tie-break Rule: Lower*

Soil Map—Harrison County, Ohio  
(SciO WTP Soil Map)



Soil Map may not be valid at this scale.




















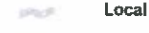

















Map Scale: 1:576 if printed on a portrait (8.5" x 11") sheet.

0 5 10 20 30 Meters  
0 25 50 100 150 Feet  
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84



Soil Map—Harrison County, Ohio  
(Scio WTP Soil Map)

### 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		Wet Spot
	Soil Map Unit Points		Other		Special Line Features
<b>Special Point Features</b>			<b>Water Features</b>		Streams and Canals
	Blowout	<b>Transportation</b>			Rails
	Borrow Pit		Interstate Highways		US Routes
	Clay Spot		Major Roads		Local Roads
	Closed Depression	<b>Background</b>			Aerial Photography
	Gravel Pit				
	Gravelly Spot				
	Landfill				
	Lava Flow				
	Marsh or swamp				
	Mine or Quarry				
	Miscellaneous Water				
	Perennial Water				
	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.

**Warning: Soil Map may not be valid at this scale.**  
Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for 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: Oct 6, 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
Or	Orrville silt loam, 0 to 3 percent slopes, occasionally flooded	1.0	100.0%
<b>Totals for Area of Interest</b>		<b>1.0</b>	<b>100.0%</b>



May 18, 2017

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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.



**ELECTRONIC CODE OF FEDERAL REGULATIONS****e-CFR data is current as of August 23, 2017**

Title 24 → Subtitle A → Part 55

Title 24: Housing and Urban Development

**PART 55—FLOODPLAIN MANAGEMENT AND PROTECTION OF WETLANDS****Contents****Subpart A—General**

- §55.1 Purpose and basic responsibility.
- §55.2 Terminology.
- §55.3 Assignment of responsibilities.

**Subpart B—Application of Executive Orders on Floodplain Management and Protection of Wetlands**

- §55.10 Environmental review procedures under 24 CFR parts 50 and 58.
- §55.11 Applicability of Subpart C decisionmaking process.
- §55.12 Inapplicability of 24 CFR part 55 to certain categories of proposed actions.

**Subpart C—Procedures for Making Determinations on Floodplain Management and Protection of Wetlands**

- §55.20 Decision making process.
- §55.21 Notification of floodplain hazard.
- §55.22 Conveyance restrictions for the disposition of multifamily real property.
- §55.23 [Reserved]
- §55.24 Aggregation.
- §55.25 Areawide compliance.
- §55.26 Adoption of another agency's review under the executive orders.
- §55.27 Documentation.
- §55.28 Use of individual permits under section 404 of the Clean Water Act for HUD Executive Order 11990 processing where all wetlands are covered by the permit.

AUTHORITY: 42 U.S.C. 3535(d), 4001-4128 and 5154a; E.O. 11988, 42 FR 26951, 3 CFR, 1977 Comp., p. 117; E.O. 11990, 42 FR 26961, 3 CFR, 1977 Comp., p 121.

SOURCE: 59 FR 19107, Apr. 21, 1994, unless otherwise noted.

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**Subpart A—General**

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**§55.1 Purpose and basic responsibility.**

(a)(1) The purpose of Executive Order 11988, Floodplain Management, is “to avoid to the extent possible the long and short-term adverse impacts associated with the occupancy and modification of floodplains and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative.”

(2) The purpose of Executive Order 11990, Protection of Wetlands, is “to avoid to the extent possible the long- and short-term adverse impacts associated with the destruction or modification of wetlands and to avoid direct or indirect support of new construction in wetlands wherever there is a practicable alternative.”

(3) This part implements the requirements of Executive Order 11988, Floodplain Management, and Executive Order 11990, Protection of Wetlands, and employs the principles of the Unified National Program for Floodplain Management. These regulations apply to all HUD (or responsible entity) actions that are subject to potential harm by location in floodplains or wetlands. Covered actions include the proposed acquisition, construction, demolition, improvement,



disposition, financing, and use of properties located in floodplains or wetlands for which approval is required either from HUD, under any applicable HUD program, or from a responsible entity authorized by 24 CFR part 58.

(4) This part does not prohibit approval of such actions (except for certain actions in Coastal High Hazard Areas), but provides a consistent means for implementing the Department's interpretation of the Executive Orders in the project approval decisionmaking processes of HUD and of responsible entities subject to 24 CFR part 58. The implementation of Executive Orders 11988 and 11990 under this part shall be conducted by HUD for Department-administered programs subject to environmental review under 24 CFR part 50 and by authorized responsible entities that are responsible for environmental review under 24 CFR part 58.

(5) Nonstructural alternatives to floodplain development and the destruction of wetlands are both favored and encouraged to reduce the loss of life and property caused by floods, and to restore the natural resources and functions of floodplains and wetlands. Nonstructural alternatives should be discussed in the decisionmaking process where practicable.

(b)(1) Under section 202(a) of the Flood Disaster Protection Act of 1973, 42 U.S.C. 4106(a), proposed HUD financial assistance (including mortgage insurance) for acquisition or construction purposes in any "area having special flood hazards" (a flood zone designated by the Federal Emergency Management Agency (FEMA)) shall not be approved in communities identified by FEMA as eligible for flood insurance but which are not participating in the National Flood Insurance Program. This prohibition only applies to proposed HUD financial assistance in a FEMA-designated area of special flood hazard one year after the community has been formally notified by FEMA of the designation of the affected area. This prohibition is not applicable to HUD financial assistance in the form of formula grants to states, including financial assistance under the State-administered CDBG Program (24 CFR part 570, subpart I) and the State-administered Rental Rehabilitation Program (24 CFR 511.51), Emergency Shelter Grant amounts allocated to States (24 CFR parts 575 and 576), and HOME funds provided to a state under Title II of the Cranston-Gonzalez National Affordable Housing Act (42 U.S.C. 12701-12839).

(2) Under section 582 of the National Flood Insurance Reform Act of 1994 (42 U.S.C. 5154a), HUD disaster assistance that is made available in a special flood hazard area may not be used to make a payment (including any loan assistance payment) to a person for repair, replacement, or restoration of damage to any personal, residential, or commercial property if:

(i) The person had previously received Federal flood disaster assistance conditioned on obtaining and maintaining flood insurance; and

(ii) The person failed to obtain and maintain the flood insurance.

(c) Except with respect to actions listed in §55.12(c), no HUD financial assistance (including mortgage insurance) may be approved after May 23, 1994 with respect to:

(1) Any action other than a functionally dependent use or floodplain function restoration activity, located in a floodway;

(2) Any critical action located in a coastal high hazard area; or

(3) Any noncritical action located in a Coastal High Hazard Area, unless the action is a functionally dependent use, existing construction (including improvements), or reconstruction following destruction caused by a disaster. If the action is not a functionally dependent use, the action must be designed for location in a Coastal High Hazard Area. An action will be considered designed for a Coastal High Hazard Area if:

(i) In the case of reconstruction following destruction caused by a disaster or substantial improvement, the work meets the current standards for V zones in FEMA regulations (44 CFR 60.3(e)) and, if applicable, the Minimum Property Standards for such construction in 24 CFR 200.926d(c)(4)(iii); or

(ii) In the case of existing construction (including any minor improvements):

(A) The work met FEMA elevation and construction standards for a coastal high hazard area (or if such a zone or such standards were not designated, the 100-year floodplain) applicable at the time the original improvements were constructed; or

(B) If the original improvements were constructed before FEMA standards for the 100-year floodplain became effective or before FEMA designated the location of the action as within the 100-year floodplain, the work would meet at least the earliest FEMA standards for construction in the 100-year floodplain.

[59 FR 19107, Apr. 21, 1994, as amended at 78 FR 68728, Nov. 15, 2013]

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**§55.2 Terminology.**

(a) With the exception of those terms defined in paragraph (b) of this section, the terms used in this part shall follow the definitions contained in section 6 of Executive Order 11988, section 7 of Executive Order 11990, and the Floodplain Management Guidelines for Implementing Executive Order 11988 (43 FR 6030, February 10, 1978), issued by the Water Resources Council; the terms "special flood hazard area," "criteria," and "Regular Program" shall follow the definitions contained in FEMA regulations at 44 CFR 59.1; and the terms "Letter of Map Revision" and "Letter of Map Amendment" shall refer to letters issued by FEMA, as provided in 44 CFR part 65 and 44 CFR part 70, respectively.

(b) For purposes of this part, the following definitions apply:

(1) *Coastal high hazard area* means the area subject to high velocity waters, including but not limited to hurricane wave wash or tsunamis. The area is designated on a Flood Insurance Rate Map (FIRM) or Flood Insurance Study (FIS) under FEMA regulations. FIRMs and FISs are also relied upon for the designation of "100-year floodplains" (§55.2(b)(9)), "500-year floodplains" (§55.2(b)(4)), and "floodways" (§55.2(b)(5)). When FEMA provides interim flood hazard data, such as Advisory Base Flood Elevations (ABFE) or preliminary maps and studies, HUD or the responsible entity shall use the latest of these sources. If FEMA information is unavailable or insufficiently detailed, other Federal, state, or local data may be used as "best available information" in accordance with Executive Order 11988. However, a base flood elevation from an interim or preliminary or non-FEMA source cannot be used if it is lower than the current FIRM and FIS.

(2) *Compensatory mitigation* means the restoration (reestablishment or rehabilitation), establishment (creation), enhancement, and/or, in certain circumstances, preservation of aquatic resources for the purposes of offsetting unavoidable adverse impacts that remain after all appropriate and practicable avoidance and minimization have been achieved.

Examples include, but are not limited to:

(i) *Permittee-responsible mitigation*: On-site or off-site mitigation undertaken by the holder of a wetlands permit under section 404 of the Clean Water Act (or an authorized agent or contractor), for which the permittee retains full responsibility;

(ii) *Mitigation banking*: A permittee's purchase of credits from a wetlands mitigation bank, comprising wetlands that have been set aside to compensate for conversions of other wetlands; the mitigation obligation is transferred to the sponsor of the mitigation bank; and

(iii) *In-lieu fee mitigation*: A permittee's provision of funds to an in-lieu fee sponsor (public agency or nonprofit organization) that builds and maintains a mitigation site, often after the permitted adverse wetland impacts have occurred; the mitigation obligation is transferred to the in-lieu fee sponsor.

(3)(i) *Critical action* means any activity for which even a slight chance of flooding would be too great, because such flooding might result in loss of life, injury to persons, or damage to property. Critical actions include activities that create, maintain or extend the useful life of those structures or facilities that:

(A) Produce, use or store highly volatile, flammable, explosive, toxic or water-reactive materials;

(B) Provide essential and irreplaceable records or utility or emergency services that may become lost or inoperative during flood and storm events (e.g., data storage centers, generating plants, principal utility lines, emergency operations centers including fire and police stations, and roadways providing sole egress from flood-prone areas); or

(C) Are likely to contain occupants who may not be sufficiently mobile to avoid loss of life or injury during flood or storm events, e.g., persons who reside in hospitals, nursing homes, convalescent homes, intermediate care facilities, board and care facilities, and retirement service centers. Housing for independent living for the elderly is not considered a critical action.

(ii) Critical actions shall not be approved in floodways or coastal high hazard areas.

(4) *500-year floodplain* means the minimum floodplain of concern for Critical Actions and is the area subject to inundation from a flood having a 0.2 percent chance of occurring in any given year. (See §55.2(b)(1) for appropriate data sources.)

(5) *Floodway* means that portion of the floodplain which is effective in carrying flow, where the flood hazard is generally the greatest, and where water depths and velocities are the highest. The term "floodway" as used here is consistent with "regulatory floodways" as identified by FEMA. (See §55.2(b)(1) for appropriate data sources.)

(6) *Functionally dependent use* means a land use that must necessarily be conducted in close proximity to water (e.g., a dam, marina, port facility, water-front park, and many types of bridges).

(7) *High hazard area* means a floodway or a coastal high hazard area.

(8) *New construction* includes draining, dredging, channelizing, filling, diking, impounding, and related activities and any structures or facilities begun after the effective date of Executive Order 11990. (See section 7(b) of Executive Order 11990.)

(9) *100-year floodplain* means the floodplain of concern for this part and is the area subject to inundation from a flood having a one percent or greater chance of being equaled or exceeded in any given year. (See §55.2(b)(1) for appropriate data sources.)

(10)(i) *Substantial improvement* means either:

(A) Any repair, reconstruction, modernization or improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure either:

(1) Before the improvement or repair is started; or

(2) If the structure has been damaged, and is being restored, before the damage occurred; or

(B) Any repair, reconstruction, modernization or improvement of a structure that results in an increase of more than twenty percent in the number of dwelling units in a residential project or in the average peak number of customers and employees likely to be on-site at any one time for a commercial or industrial project.

(ii) *Substantial improvement* may not be defined to include either:

(A) Any project for improvement of a structure to comply with existing state or local health, sanitary or safety code specifications that is solely necessary to assure safe living conditions, or

(B) Any alteration of a structure listed on the National Register of Historical Places or on a State Inventory of Historic Places.

(iii) Structural repairs, reconstruction, or improvements not meeting this definition are considered "minor improvements".

(11) *Wetlands* means those areas that are inundated by surface or ground water with a frequency sufficient to support, and under normal circumstances does or would support, a prevalence of vegetative or aquatic life that requires saturated or seasonally saturated soil conditions for growth and reproduction. Wetlands generally include swamps, marshes, bogs, and similar areas such as sloughs, potholes, wet meadows, river overflows, mud flats, and natural ponds. This definition includes those wetland areas separated from their natural supply of water as a result of activities such as the construction of structural flood protection methods or solid-fill road beds and activities such as mineral extraction and navigation improvements. This definition includes both wetlands subject to and those not subject to section 404 of the Clean Water Act as well as constructed wetlands. The following process shall be followed in making the wetlands determination:

(i) HUD or, for programs subject to 24 CFR part 58, the responsible entity, shall make a determination whether the action is new construction that is located in a wetland. These actions are subject to processing under the §55.20 decisionmaking process for the protection of wetlands.

(ii) As primary screening, HUD or the responsible entity shall verify whether the project area is located in proximity to wetlands identified on the National Wetlands Inventory (NWI). If so, HUD or the responsible entity should make a reasonable attempt to consult with the Department of the Interior, Fish and Wildlife Service (FWS), for information concerning the location, boundaries, scale, and classification of wetlands within the area. If an NWI map indicates the presence of wetlands, FWS staff, if available, must find that no wetland is present in order for the action to proceed without further processing. Where FWS staff is unavailable to resolve any NWI map ambiguity or controversy, an appropriate wetlands professional must find that no wetland is present in order for the action to proceed without §55.20 processing.

(iii) As secondary screening used in conjunction with NWI maps, HUD or the responsible entity is encouraged to use the Department of Agriculture, Natural Resources Conservation Service (NRCS) National Soil Survey (NSS) and any state and local information concerning the location, boundaries, scale, and classification of wetlands within the action area.

(iv) Any challenges from the public or other interested parties to the wetlands determinations made under this part must be made in writing to HUD (or the responsible entity authorized under 24 CFR part 58) during the commenting period and must be substantiated with verifiable scientific information. Commenters may request a reasonable extension of the time for the commenting period for the purpose of substantiating any objections with verifiable scientific information. HUD or the responsible entity shall consult FWS staff, if available, on the validity of the challenger's scientific information prior to making a final wetlands determination.

[59 FR 19107, Apr. 21, 1994, as amended at 78 FR 68729, Nov. 15, 2013]

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### §55.3 Assignment of responsibilities.

(a)(1) *The Assistant Secretary for Community Planning and Development (CPD)* shall oversee:

- (i) The Department's implementation of Executive Orders 11988 and 11990 and this part in all HUD programs; and
- (ii) The implementation activities of HUD program managers and, for HUD financial assistance subject to 24 CFR part 58, of grant recipients and responsible entities.

(2) In performing these responsibilities, the Assistant Secretary for CPD shall make pertinent policy determinations in cooperation with appropriate program offices and provide necessary assistance, training, publications, and procedural guidance.

(b) *Other HUD Assistant Secretaries, the General Counsel, and the President of the Government National Mortgage Association (GNMA)* shall:

- (1) Ensure compliance with this part for all actions under their jurisdiction that are proposed to be conducted, supported, or permitted in a floodplain or wetland;
- (2) Ensure that actions approved by HUD or responsible entities are monitored and that any prescribed mitigation is implemented;
- (3) Ensure that the offices under their jurisdiction have the technical resources to implement the requirements of this part; and
- (4) Incorporate in departmental regulations, handbooks, and project and site standards those criteria, standards, and procedures necessary to comply with the requirements of this part.

(c) *Responsible Entity Certifying Officer.* Certifying Officers of responsible entities administering or reviewing activities subject to 24 CFR part 58 shall comply with this part in carrying out HUD-assisted programs. Certifying Officers of responsible entities subject to 24 CFR part 58 shall monitor approved actions and ensure that any prescribed mitigation is implemented.

(d) *Recipient.* Recipients subject to 24 CFR part 58 shall monitor approved actions and ensure that any prescribed mitigation is implemented. Recipients shall:

- (1) Supply HUD (or the responsible entity authorized by 24 CFR part 58) with all available, relevant information necessary for HUD (or the responsible entity) to perform the compliance required by this part; and
- (2) Implement mitigating measures required by HUD (or the responsible entity authorized by 24 CFR part 58) under this part or select alternate eligible property.

[59 FR 19107, Apr. 21, 1994, as amended at 78 FR 68730, Nov. 15, 2013]

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## Subpart B—Application of Executive Orders on Floodplain Management and Protection of Wetlands

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### §55.10 Environmental review procedures under 24 CFR parts 50 and 58.

(a) Where an environmental review is required under the National Environmental Policy Act of 1969 (NEPA) (42 U.S.C. 4321 *et seq.*), and 24 CFR part 50 or part 58, compliance with this part shall be completed before the completion of an environmental assessment (EA), including a finding of no significant impact (FONSI), or an environmental impact statement (EIS), in accordance with the decision points listed in 24 CFR 50.17(a) through (h), or before the preparation of an EA under 24 CFR 58.40 or an EIS under 24 CFR 58.37. For types of proposed actions that are categorically excluded from NEPA requirements under 24 CFR part 50 (or part 58), compliance with this part shall be completed before the Department's initial approval (or approval by a responsible entity authorized by 24 CFR part 58) of proposed actions in a floodplain or wetland.

(b) The categorical exclusion of certain proposed actions from environmental review requirements under NEPA and 24 CFR parts 50 and 58 (see 24 CFR 50.20 and 58.35(a)) does not exclude those actions from compliance with this part.

[78 FR 68730, Nov. 15, 2013]

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**§55.11 Applicability of Subpart C decisionmaking process.**

(a) Before reaching the decision points described in §55.10(a), HUD (for Department-administered programs) or the responsible entity (for HUD financial assistance subject to 24 CFR part 58) shall determine whether Executive Order 11988, Executive Order 11990, and this part apply to the proposed action.

(b) If Executive Order 11988 or Executive Order 11990 and this part apply, the approval of a proposed action or initial commitment shall be made in accordance with this part. The primary purpose of Executive Order 11988 is "to avoid to the extent possible the long and short term adverse impacts associated with the occupancy and modification of floodplains and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative." The primary purpose of Executive Order 11990 is "to avoid to the extent possible the long and short-term adverse impacts associated with the destruction or modification of wetlands and to avoid direct or indirect support of new construction in wetlands wherever there is a practicable alternative."

(c) The following table indicates the applicability, by location and type of action, of the decisionmaking process for implementing Executive Order 11988 and Executive Order 11990 under subpart C of this part.

**TABLE 1**

Type of proposed action (new reviewable action or an amendment) <sup>1</sup>	Type of proposed action		Wetlands or 100-year floodplain outside coastal high hazard area and floodways	Nonwetlands area outside of the 100-year and within the 500-year floodplain
	Floodways	Coastal high hazard areas		
Critical Actions as defined in §55.12(b)(2)	Critical actions not allowed.	Critical actions not allowed.	Allowed if the proposed critical action is processed under §55.20. <sup>2</sup>	Allowed if the proposed critical action is processed under §55.20. <sup>2</sup>
Noncritical actions not excluded under §55.12(b) or (c)	Allowed only if the proposed non-critical action is a functionally dependent use and processed under §55.20. <sup>2</sup>	Allowed only if the proposed noncritical action is processed under §55.20 <sup>2</sup> and is (1) a functionally dependent use, (2) existing construction (including improvements), or (3) reconstruction following destruction caused by a disaster. If the action is not a functionally dependent use, the action must be designed for location in a Coastal High Hazard Area under §55.1(c)(3)	Allowed if proposed noncritical action is processed under §55.20. <sup>2</sup>	Any noncritical action is allowed without processing under this part.

<sup>1</sup>Under Executive Order 11990, the decisionmaking process in §55.20 only applies to Federal assistance for new construction in wetlands locations.

<sup>2</sup>Or those paragraphs of §55.20 that are applicable to an action listed in §55.12(a).

[78 FR 68730, Nov. 15, 2013]

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**§55.12 Inapplicability of 24 CFR part 55 to certain categories of proposed actions.**

(a) The decisionmaking steps in §55.20(b), (c), and (g) (steps 2, 3, and 7) do not apply to the following categories of proposed actions:

(1) HUD's or the recipient's actions involving the disposition of acquired multifamily housing projects or "bulk sales" of HUD-acquired (or under part 58 of recipients') one- to four-family properties in communities that are in the Regular Program of National Flood Insurance Program and in good standing (i.e., not suspended from program eligibility or placed on probation under 44 CFR 59.24). For programs subject to part 58, this paragraph applies only to recipients' disposition activities that are subject to review under part 58.

(2) HUD's actions under the National Housing Act (12 U.S.C. 1701) for the purchase or refinancing of existing multifamily housing projects, hospitals, nursing homes, assisted living facilities, board and care facilities, and intermediate care facilities, in communities that are in good standing under the NFIP.

(3) HUD's or the recipient's actions under any HUD program involving the repair, rehabilitation, modernization, weatherization, or improvement of existing multifamily housing projects, hospitals, nursing homes, assisted living facilities, board and care facilities, intermediate care facilities, and one- to four-family properties, in communities that are in the Regular Program of the National Flood Insurance Program (NFIP) and are in good standing, provided that the number of units is not increased more than 20 percent, the action does not involve a conversion from nonresidential to residential land use, the action does not meet the thresholds for "substantial improvement" under §55.2(b)(10), and the footprint of the structure and paved areas is not significantly increased.

(4) HUD's or the recipient's actions under any HUD program involving the repair, rehabilitation, modernization, weatherization, or improvement of existing nonresidential buildings and structures, in communities that are in the Regular Program of the NFIP and are in good standing, provided that the action does not meet the thresholds for "substantial improvement" under §55.2(b)(10) and that the footprint of the structure and paved areas is not significantly increased.

(b) The decisionmaking process in §55.20 shall not apply to the following categories of proposed actions:

(1) HUD's mortgage insurance actions and other financial assistance for the purchasing, mortgaging or refinancing of existing one- to four-family properties in communities that are in the Regular Program of the NFIP and in good standing (i.e., not suspended from program eligibility or placed on probation under 44 CFR 59.24), where the action is not a critical action and the property is not located in a floodway or Coastal High Hazard Area;

(2) Financial assistance for minor repairs or improvements on one- to four-family properties that do not meet the thresholds for "substantial improvement" under §55.2(b)(10);

(3) HUD or a recipient's actions involving the disposition of individual HUD-acquired, one- to four-family properties;

(4) HUD guarantees under the Loan Guarantee Recovery Fund Program (24 CFR part 573) of loans that refinance existing loans and mortgages, where any new construction or rehabilitation financed by the existing loan or mortgage has been completed prior to the filing of an application under the program, and the refinancing will not allow further construction or rehabilitation, nor result in any physical impacts or changes except for routine maintenance; and

(5) The approval of financial assistance to lease an existing structure located within the floodplain, but only if:

(i) The structure is located outside the floodway or Coastal High Hazard Area, and is in a community that is in the Regular Program of the NFIP and in good standing (i.e., not suspended from program eligibility or placed on probation under 44 CFR 59.24);

(ii) The project is not a critical action; and

(iii) The entire structure is or will be fully insured or insured to the maximum under the NFIP for at least the term of the lease.

(c) This part shall not apply to the following categories of proposed HUD actions:

(1) HUD-assisted activities described in 24 CFR 58.34 and 58.35(b);

(2) HUD-assisted activities described in 24 CFR 50.19, except as otherwise indicated in §50.19;

(3) The approval of financial assistance for restoring and preserving the natural and beneficial functions and values of floodplains and wetlands, including through acquisition of such floodplain and wetland property, but only if:

(i) The property is cleared of all existing structures and related improvements;

(ii) The property is dedicated for permanent use for flood control, wetland protection, park land, or open space; and

(iii) A permanent covenant or comparable restriction is placed on the property's continued use to preserve the floodplain or wetland from future development.

(4) An action involving a repossession, receivership, foreclosure, or similar acquisition of property to protect or enforce HUD's financial interests under previously approved loans, grants, mortgage insurance, or other HUD assistance;

(5) Policy-level actions described at 24 CFR 50.16 that do not involve site-based decisions;

(6) A minor amendment to a previously approved action with no additional adverse impact on or from a floodplain or wetland;

(7) HUD's or the responsible entity's approval of a project site, an incidental portion of which is situated in an adjacent floodplain, including the floodway or Coastal High Hazard Area, or wetland, but only if:

(i) The proposed construction and landscaping activities (except for minor grubbing, clearing of debris, pruning, sodding, seeding, or other similar activities) do not occupy or modify the 100-year floodplain (or the 500-year floodplain for critical actions) or the wetland;

(ii) Appropriate provision is made for site drainage that would not have an adverse effect on the wetland; and

(iii) A permanent covenant or comparable restriction is placed on the property's continued use to preserve the floodplain or wetland;

(8) HUD's or the responsible entity's approval of financial assistance for a project on any nonwetland site in a floodplain for which FEMA has issued:

(i) A final Letter of Map Amendment (LOMA), final Letter of Map Revision (LOMR), or final Letter of Map Revision Based on Fill (LOMR-F) that removed the property from a FEMA-designated floodplain location; or

(ii) A conditional LOMA, conditional LOMR, or conditional LOMR-F if HUD or the responsible entity's approval is subject to the requirements and conditions of the conditional LOMA or conditional LOMR;

(9) Issuance or use of Housing Vouchers, Certificates under the Section 8 Existing Housing Program, or other forms of rental subsidy where HUD, the awarding community, or the public housing agency that administers the contract awards rental subsidies that are not project-based (i.e., do not involve site-specific subsidies);

(10) Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and persons with disabilities;

(11) The approval of financial assistance for acquisition, leasing, construction, rehabilitation, repair, maintenance, or operation of ships and other waterborne vessels that will be used for transportation or cruises and will not be permanently moored.

[78 FR 68731, Nov. 15, 2013; 78 FR 74009, Dec. 10, 2013]

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## Subpart C—Procedures for Making Determinations on Floodplain Management and Protection of Wetlands

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### §55.20 Decision making process.

Except for actions covered by §55.12(a), the decisionmaking process for compliance with this part contains eight steps, including public notices and an examination of practicable alternatives when addressing floodplains and wetlands. The steps to be followed in the decisionmaking process are as follows:

(a) *Step 1.* Determine whether the proposed action is located in the 100-year floodplain (500-year floodplain for critical actions) or results in new construction in a wetland. If the action does not occur in a floodplain or result in new construction in a wetland, then no further compliance with this part is required. The following process shall be followed by HUD (or the responsible entity) in making wetland determinations.

(1) Refer to §55.28(a) where an applicant has submitted with its application to HUD (or to the recipient under programs subject to 24 CFR part 58) an individual Section 404 permit (including approval conditions and related environmental review).

(2) Refer to §55.2(b)(11) for making wetland determinations under this part.

(3) For proposed actions occurring in both a wetland and a floodplain, completion of the decisionmaking process under §55.20 is required regardless of the issuance of a Section 404 permit. In such a case, the wetland will be considered among the primary natural and beneficial functions and values of the floodplain.

(b) *Step 2.* Notify the public and agencies responsible for floodplain management or wetlands protection at the earliest possible time of a proposal to consider an action in a 100-year floodplain (or a 500-year floodplain for a Critical Action) or wetland and involve the affected and interested public and agencies in the decisionmaking process.

(1) The public notices required by paragraphs (b) and (g) of this section may be combined with other project notices wherever appropriate. Notices required under this part must be bilingual if the affected public is largely non-English speaking. In addition, all notices must be published in an appropriate local printed news medium, and must be sent to federal, state, and local public agencies, organizations, and, where not otherwise covered, individuals known to be interested in the proposed action.

(2) A minimum of 15 calendar days shall be allowed for comment on the public notice.

(3) A notice under this paragraph shall state: The name, proposed location, and description of the activity; the total number of acres of floodplain or wetland involved; the related natural and beneficial functions and values of the floodplain or wetland that may be adversely affected by the proposed activity; the HUD approving official (or the Certifying Officer of the responsible entity authorized by 24 CFR part 58); and the phone number to call for information. The notice shall indicate the hours of HUD or the responsible entity's office, and any Web site at which a full description of the proposed

action may be reviewed.

(c) *Step 3.* Identify and evaluate practicable alternatives to locating the proposed action in a 100-year floodplain (or a 500-year floodplain for a Critical Action) or wetland.

(1) Except as provided in paragraph (c)(3) of this section, HUD's or the responsible entity's consideration of practicable alternatives to the proposed site selected for a project should include:

(i) Locations outside and not affecting the 100-year floodplain (or the 500-year floodplain for a Critical Action) or wetland;

(ii) Alternative methods to serve the identical project objective, including feasible technological alternatives; and

(iii) A determination not to approve any action proposing the occupancy or modification of a floodplain or wetland.

(2) Practicability of alternative sites should be addressed in light of the following:

(i) Natural values such as topography, habitat, and hazards;

(ii) Social values such as aesthetics, historic and cultural values, land use patterns, and environmental justice; and

(iii) Economic values such as the cost of space, construction, services, and relocation.

(3) For multifamily projects involving HUD mortgage insurance that are initiated by third parties, HUD's consideration of practicable alternatives should include a determination not to approve the request.

(d) *Step 4.* Identify and evaluate the potential direct and indirect impacts associated with the occupancy or modification of the 100-year floodplain (or the 500-year floodplain for a Critical Action) or the wetland and the potential direct and indirect support of floodplain and wetland development that could result from the proposed action.

(1) *Floodplain evaluation:* The focus of the floodplain evaluation should be on adverse impacts to lives and property, and on natural and beneficial floodplain values. Natural and beneficial values include:

(i) Water resources such as natural moderation of floods, water quality maintenance, and groundwater recharge;

(ii) Living resources such as flora and fauna;

(iii) Cultural resources such as archaeological, historic, and recreational aspects; and

(iv) Agricultural, aquacultural, and forestry resources.

(2) *Wetland evaluation:* In accordance with Section 5 of Executive Order 11990, the decisionmaker shall consider factors relevant to a proposal's effect on the survival and quality of the wetland. Among these factors that should be evaluated are:

(i) Public health, safety, and welfare, including water supply, quality, recharge, and discharge; pollution; flood and storm hazards and hazard protection; and sediment and erosion;

(ii) Maintenance of natural systems, including conservation and long-term productivity of existing flora and fauna; species and habitat diversity and stability; natural hydrologic function; wetland type; fish; wildlife; timber; and food and fiber resources;

(iii) Cost increases attributed to wetland-required new construction and mitigation measures to minimize harm to wetlands that may result from such use; and

(iv) Other uses of wetlands in the public interest, including recreational, scientific, and cultural uses.

(e) *Step 5.* Where practicable, design or modify the proposed action to minimize the potential adverse impacts to and from the 100-year floodplain (or the 500-year floodplain for a Critical Action) or the wetland and to restore and preserve its natural and beneficial functions and values.

(1) Minimization techniques for floodplain and wetland purposes include, but are not limited to: the use of permeable surfaces, natural landscape enhancements that maintain or restore natural hydrology through infiltration, native plant species, bioswales, evapotranspiration, stormwater capture and reuse, green or vegetative roofs with drainage provisions, and Natural Resource Conservation Service conservation easements. Floodproofing and elevating structures, including freeboard above the required base flood elevations, are also minimization techniques for floodplain purposes.

(2) Appropriate and practicable compensatory mitigation is recommended for unavoidable adverse impacts to more



than one acre of wetland. Compensatory mitigation includes, but is not limited to: permittee-responsible mitigation, mitigation banking, in-lieu fee mitigation, the use of preservation easements or protective covenants, and any form of mitigation promoted by state or Federal agencies. The use of compensatory mitigation may not substitute for the requirement to avoid and minimize impacts to the maximum extent practicable.

(3) Actions covered by §55.12(a) must be rejected if the proposed minimization is financially or physically unworkable. All critical actions in the 500-year floodplain shall be designed and built at or above the 100-year floodplain (in the case of new construction) and modified to include:

- (i) Preparation of and participation in an early warning system;
  - (ii) An emergency evacuation and relocation plan;
  - (iii) Identification of evacuation route(s) out of the 500-year floodplain; and
  - (iv) Identification marks of past or estimated flood levels on all structures.
- (f) *Step 6.* Reevaluate the proposed action to determine:

(1) Whether the action is still practicable in light of exposure to flood hazards in the floodplain or wetland, possible adverse impacts on the floodplain or wetland, the extent to which it will aggravate the current hazards to other floodplains or wetlands, and the potential to disrupt the natural and beneficial functions and values of floodplains or wetlands; and

(2) Whether alternatives preliminarily rejected at Step 3 (paragraph (c)) of this section are practicable in light of information gained in Steps 4 and 5 (paragraphs (d) and (e)) of this section.

(i) The reevaluation of alternatives shall include the potential impacts avoided or caused inside and outside the floodplain or wetland area. The impacts should include the protection of human life, real property, and the natural and beneficial functions and values served by the floodplain or wetland.

(ii) A reevaluation of alternatives under this step should include a discussion of economic costs. For floodplains, the cost estimates should include savings or the costs of flood insurance, where applicable; flood proofing; replacement of services or functions of critical actions that might be lost; and elevation to at least the base flood elevation for sites located in floodplains, as appropriate on the applicable source under §55.2(b)(1). For wetlands, the cost estimates should include the cost of filling the wetlands and mitigation.

(g) *Step 7.* (1) If the reevaluation results in a determination that there is no practicable alternative to locating the proposal in the 100-year floodplain (or the 500-year floodplain for a Critical Action) or the wetland, publish a final notice that includes:

- (i) The reasons why the proposal must be located in the floodplain or wetland;
- (ii) A list of the alternatives considered in accordance with paragraphs(c)(1) and (c)(2) of this section; and
- (iii) All mitigation measures to be taken to minimize adverse impacts and to restore and preserve natural and beneficial functions and values.

(2) In addition, the public notice procedures of §55.20(b)(1) shall be followed, and a minimum of 7 calendar days for public comment before approval of the proposed action shall be provided.

(h) *Step 8.* Upon completion of the decisionmaking process in Steps 1 through 7, implement the proposed action. There is a continuing responsibility on HUD (or on the responsible entity authorized by 24 CFR part 58) and the recipient (if other than the responsible entity) to ensure that the mitigating measures identified in Step 7 are implemented.

[59 FR 19107, Apr. 21, 1994, as amended at 78 FR 68732, Nov. 15, 2013]

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#### **§55.21 Notification of floodplain hazard.**

For HUD programs under which a financial transaction for a property located in a floodplain (a 500-year floodplain for a Critical Action) is guaranteed, approved, regulated or insured, any private party participating in the transaction and any current or prospective tenant shall be informed by HUD (or by HUD's designee, e.g., a mortgagor) or a responsible entity subject to 24 CFR part 58 of the hazards of the floodplain location before the execution of documents completing the transaction.

[59 FR 19107, Apr. 21, 1994, as amended at 78 FR 68734, Nov. 15, 2013]

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#### **§55.22 Conveyance restrictions for the disposition of multifamily real property.**

(a) In the disposition (including leasing) of multifamily properties acquired by HUD that are located in a floodplain (a 500-year floodplain for a Critical Action), the documents used for the conveyance must: (1) Refer to those uses that are restricted under identified federal, state, or local floodplain regulations; and

(2) Include any land use restrictions limiting the use of the property by a grantee or purchaser and any successors under state or local laws.

(b)(1) For disposition of multifamily properties acquired by HUD that are located in a 500-year floodplain and contain Critical Actions, HUD shall, as a condition of approval of the disposition, require by covenant or comparable restriction on the property's use that the property owner and successive owners provide written notification to each current and prospective tenant concerning: (i) The hazards to life and to property for those persons who reside or work in a structure located within the 500-year floodplain, and

(ii) The availability of flood insurance on the contents of their dwelling unit or business.

(2) The notice shall also be posted in the building so that it will be legible at all times and easily visible to all persons entering or using the building.

[59 FR 19107, Apr. 21, 1994, as amended at 59 FR 33199, June 28, 1994]

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#### **§55.23 [Reserved]**

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#### **§55.24 Aggregation.**

Where two or more actions have been proposed, require compliance with subpart C of this part, affect the same floodplain or wetland, and are currently under review by HUD (or by a responsible entity authorized by 24 CFR part 58), individual or aggregated approvals may be issued. A single compliance review and approval under this section is subject to compliance with the decisionmaking process in §55.20.

[78 FR 68734, Nov. 15, 2013]

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#### **§55.25 Areawide compliance.**

(a) A HUD-approved areawide compliance process may be substituted for individual compliance or aggregated compliance under §55.24 where a series of individual actions is proposed or contemplated in a pertinent area for HUD's examination of floodplain hazards. In areawide compliances, the area for examination may include a sector of, or the entire, floodplain—as relevant to the proposed or anticipated actions. The areawide compliance process shall be in accord with the decision making process under §55.20.

(b) The areawide compliance process shall address the relevant executive orders and shall consider local land use planning and development controls (e.g., those enforced by the community for purposes of floodplain management under the National Flood Insurance Program (NFIP)) and applicable state programs for floodplain management. The process shall include the development and publication of a strategy that identifies the range of development and mitigation measures under which the proposed HUD assistance may be approved and that indicates the types of actions that will not be approved in the floodplain.

(c) Individual actions that fit within the types of proposed HUD actions specifically addressed under the areawide compliance do not require further compliance with §55.20 except that a determination by the Department or a responsible entity subject to 24 CFR part 58 shall be made concerning whether the individual action accords with the areawide strategy. Where the individual action does not accord with the areawide strategy, specific development and mitigation measures shall be prescribed as a condition of HUD's approval of the individual action.

(d) Areawide compliance under the procedures of this section is subject to the following provisions:

(1) It shall be initiated by HUD through a formal agreement of understanding with affected local governments concerning mutual responsibilities governing the preparation, issuance, implementation, and enforcement of the areawide strategy;

(2) It may be performed jointly with one or more Federal departments or agencies, or responsible entities subject to 24 CFR part 58 that serve as the responsible Federal official;

(3) It shall establish mechanisms to ensure that:

(i) The terms of approval of individual actions (e.g., concerning structures and facilities) will be consistent with the areawide strategy;

(ii) The controls set forth in the areawide strategy are implemented and enforced in a timely manner; and

(iii) Where necessary, mitigation for individual actions will be established as a condition of approval.

(4) An open scoping process (in accordance with 40 CFR 1501.7) shall be used for determining the scope of issues to be addressed and for identifying significant issues related to housing and community development for the floodplain;

(5) Federal, state and local agencies with expertise in floodplain management, flood evacuation preparedness, land use planning and building regulation, or soil and natural resource conservation shall be invited to participate in the scoping process and to provide advice and comments; and

(6) Eligibility for participation in and the use of the areawide compliance must be limited to communities that are in the Regular Program of the National Flood Insurance Program and in good standing (*i.e.*, not suspended from program eligibility or placed on probation under 44 CFR 59.24), thereby demonstrating a capacity for and commitment to floodplain management standards sufficient to perform responsibilities under this part.

(7) An expiration date (not to exceed ten years from the date of the formal adoption by the local governments) for HUD approval of areawide compliance under this part must be stated in the agreement between the local governments and HUD. In conjunction with the setting of an expiration date, a mechanism for HUD's reevaluation of the appropriateness of areawide compliance must be provided in the agreement.

[59 FR 19107, Apr. 21, 1994, as amended at 78 FR 68734, Nov. 15, 2013]

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#### **§55.26 Adoption of another agency's review under the executive orders.**

If a proposed action covered under this part is already covered in a prior review performed under either or both of the Executive Orders by another agency, including HUD or a different responsible entity, that review may be adopted by HUD or by a responsible entity authorized under 24 CFR part 58, provided that:

(a) There is no pending litigation relating to the other agency's review for floodplain management or wetland protection;

(b) The adopting agency makes a finding that:

(1) The type of action currently proposed is comparable to the type of action previously reviewed by the other agency; and

(2) There has been no material change in circumstances since the previous review was conducted; and

(c) As a condition of approval, mitigation measures similar to those prescribed in the previous review shall be required of the current proposed action.

[59 FR 19107, Apr. 21, 1994, as amended at 78 FR 68734, Nov. 15, 2013]

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#### **§55.27 Documentation.**

(a) For purposes of compliance with §55.20, the responsible HUD official who would approve the proposed action (or Certifying Officer for a responsible entity authorized by 24 CFR part 58) shall require that the following actions be documented:

(1) When required by §55.20(c), practicable alternative sites have been considered outside the floodplain or wetland, but within the local housing market area, the local public utility service area, or the jurisdictional boundaries of a recipient unit of general local government, whichever geographic area is most appropriate to the proposed action. Actual sites under review must be identified and the reasons for the nonselection of those sites as practicable alternatives must be described; and

(2) Under §55.20(e)(2), measures to minimize the potential adverse impacts of the proposed action on the affected floodplain or wetland as identified in §55.20(d) have been applied to the design for the proposed action.

(b) For purposes of compliance with §55.24, §55.25, or §55.26 (as appropriate), the responsible HUD official (or the Certifying Officer for a responsible entity subject to 24 CFR part 58) who would approve the proposed action shall require documentation of compliance with the required conditions.

(c) Documentation of compliance with this part (including copies of public notices) must be attached to the environmental assessment, the environmental impact statement or the compliance record and be maintained as a part of the project file. In addition, for environmental impact statements, documentation of compliance with this part must be included as a part of the record of decision (or environmental review record for responsible entities subject to 24 CFR part 58).

[59 FR 19107, Apr. 21, 1994, as amended at 78 FR 68734, Nov. 15, 2013]

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**§55.28 Use of individual permits under section 404 of the Clean Water Act for HUD Executive Order 11990 processing where all wetlands are covered by the permit.**

(a) *Processing requirements.* HUD (or the responsible entity subject to 24 CFR part 58) shall not be required to perform the steps at §55.20(a) through (e) upon adoption by HUD (or the responsible entity) of the terms and conditions of a Section 404 permit so long as:

(1) The project involves new construction on a property located outside of the 100-year floodplain (or the 500-year floodplain for critical actions);

(2) The applicant has submitted, with its application to HUD (or to the recipient under programs subject to 24 CFR part 58), an individual Section 404 permit (including approval conditions) issued by the U.S. Army Corps of Engineers (USACE) (or by a State or Tribal government under Section 404(h) of the Clean Water Act) for the proposed project; and

(3) All wetlands adversely affected by the action are covered by the permit.

(b) Unless a project is excluded under §55.12, processing under all of §55.20 is required for new construction in wetlands that are not subject to section 404 of the Clean Water Act and for new construction for which the USACE (or a State or Tribal government under section 404(h) of the Clean Water Act) issues a general permit under Section 404.

[78 FR 68734, Nov. 15, 2013]

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[Need assistance?](#)



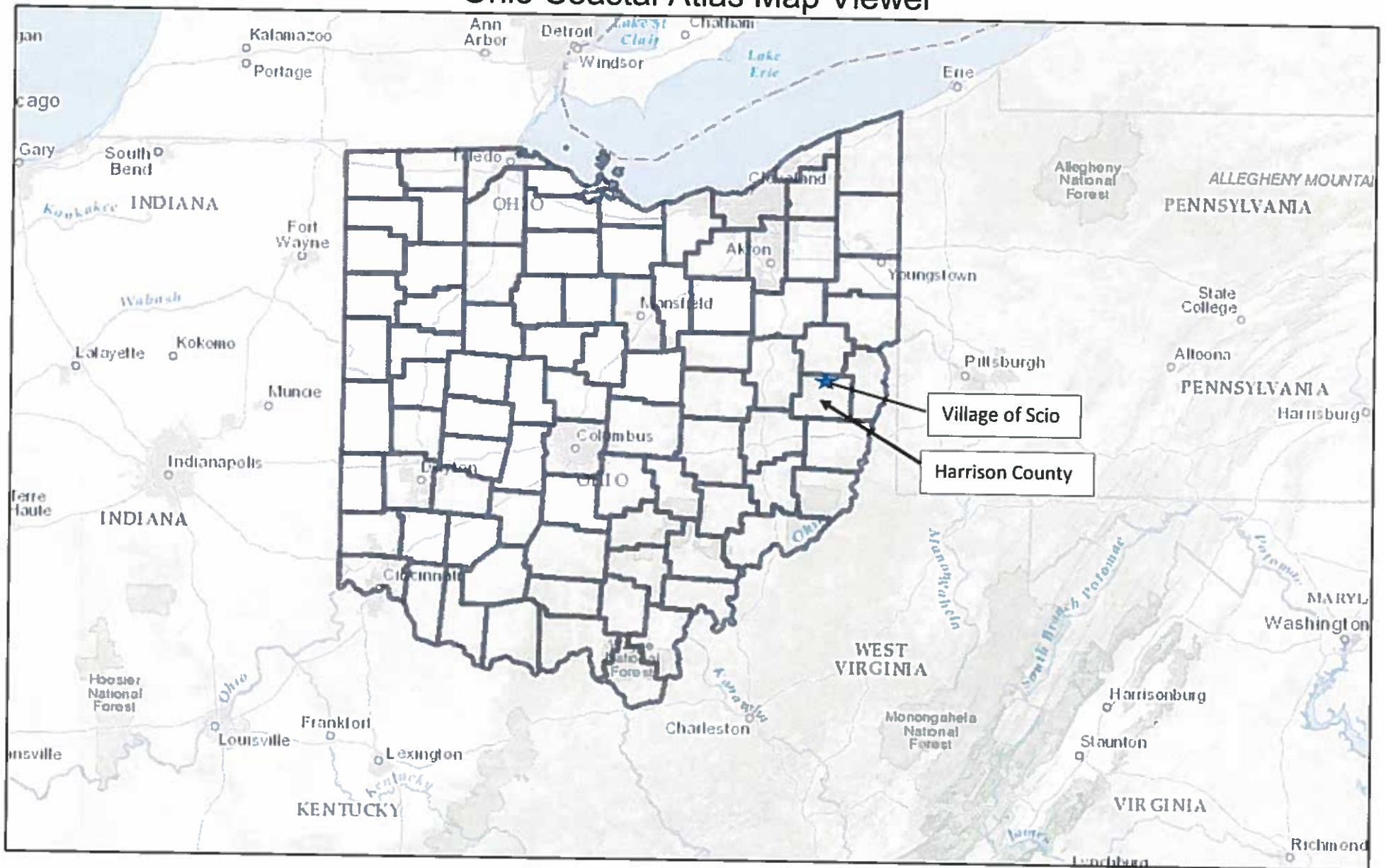
## Coastal Zone Management

Harrison County is not in a coastal zone.

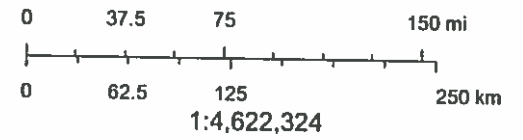
This section includes:

- Ohio Coastal Map

# Ohio Coastal Atlas Map Viewer



May 19, 2017



ODNR - Office of Coastal  
MGMT

The project area is not in a Coastal Zone.

## Sole Source Aquifers

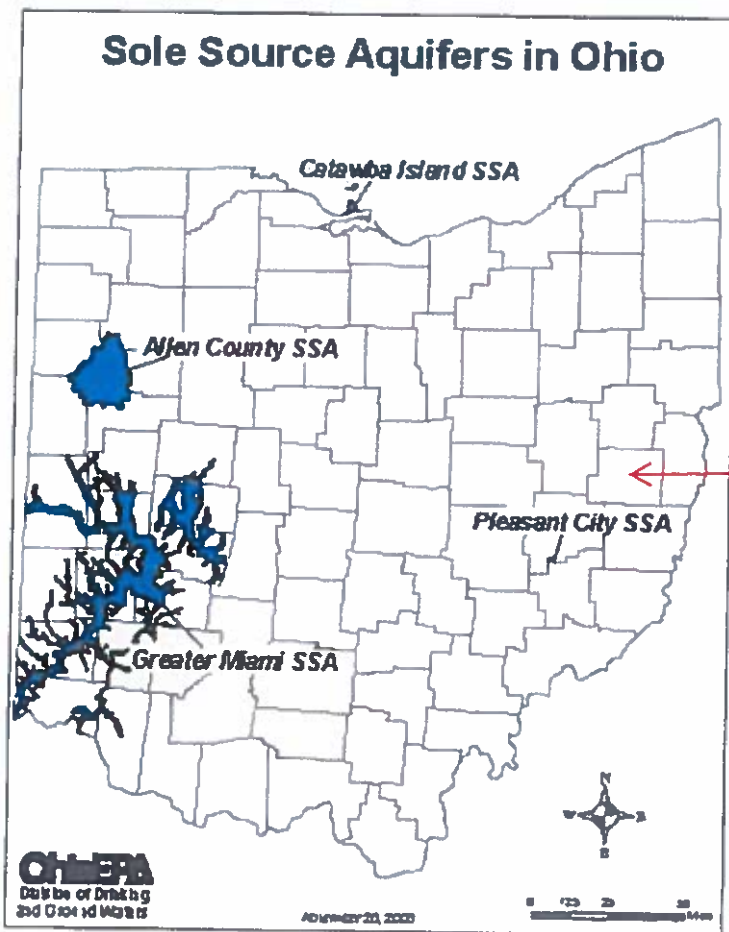
Harrison County is not served by a Sole Source Aquifer.

This section includes:

- Map of Sole Source Aquifers in Ohio



# Sole Source Aquifers in Ohio



Harrison County

## Endangered Species

There are no threatened or endangered species or habitats in the project area.

This section includes:

- Listed threatened or endangered species in Harrison County

# Ohio

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

May 18, 2017

County	Species	Status	Habitat
Adams	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
Allen	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.
Ashland	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.
Ashtabula	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.

	Rayed bean ( <i>Villosa fabalis</i> )	Endangered	Smaller, headwater creeks, but they are sometimes found in large rivers
<b>Hardin</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.
	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	



## 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.

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

## Map of Scenic Rivers in Ohio

### Rivers with "Scenic"

#### Designation

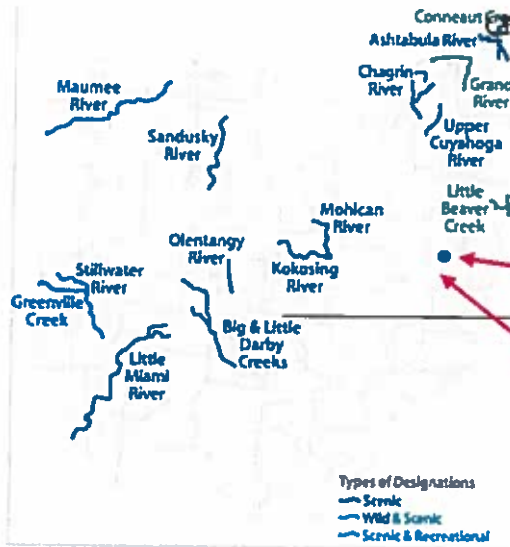
- Ashtabula
- Chagrin
- Big & Little Darby
- Kokosing
- Little Miami
- Mohican
- Oentangy
- Sandusky upper Cuyahoga

### Rivers Designated as "Wild & Scenic"

- Conneaut
- Grand
- Little Beaver

### Rivers with "Scenic & Recreational" Designation

- Maumee
- Stillwater Greenville



### LIST OF SCENIC RIVERS

GET YOUR PADDLE OHIO PIN

Visit

## PaddleOHIO

Project Site

Harrison County

SCENIC RIVERS MENU

Designation

Project Reviews

Scenic Rivers  
Contacts

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Program Page

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Specialty plates help  
preserve Ohio's Scenic  
Rivers  
Details



Ohio Department of

NATURAL  
RESOURCES  
Division 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
- Contact us

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Watercraft Home



CONTACT ENFO

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

1-877-4BOATER toll-free. Ohio only  
(614) 2656480

(614) 261-8407 Fax [watercraft@dnc.state.oh.us](mailto:watercraft@dnc.state.oh.us)



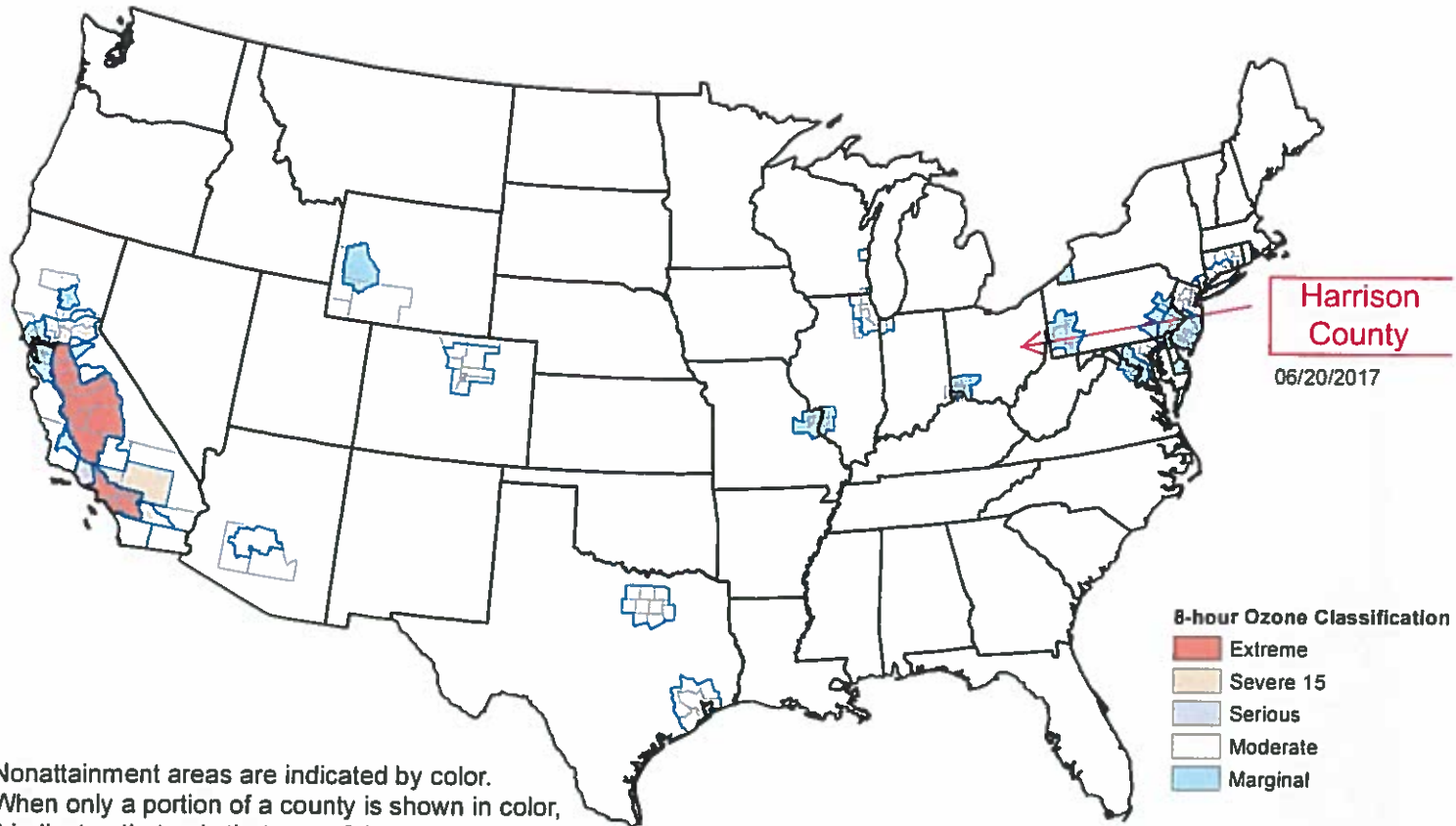
## Air Quality

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.
- Map of Ohio Lead Maintenance Areas (2008 Standard) indicating that the project area is not in a Maintenance 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 and the Indiana portion was redesignated on April 7, 2017. The Kentucky portion has not been redesignated. The entire area is not considered in maintenance until all states in a multi-state area are redesignated.

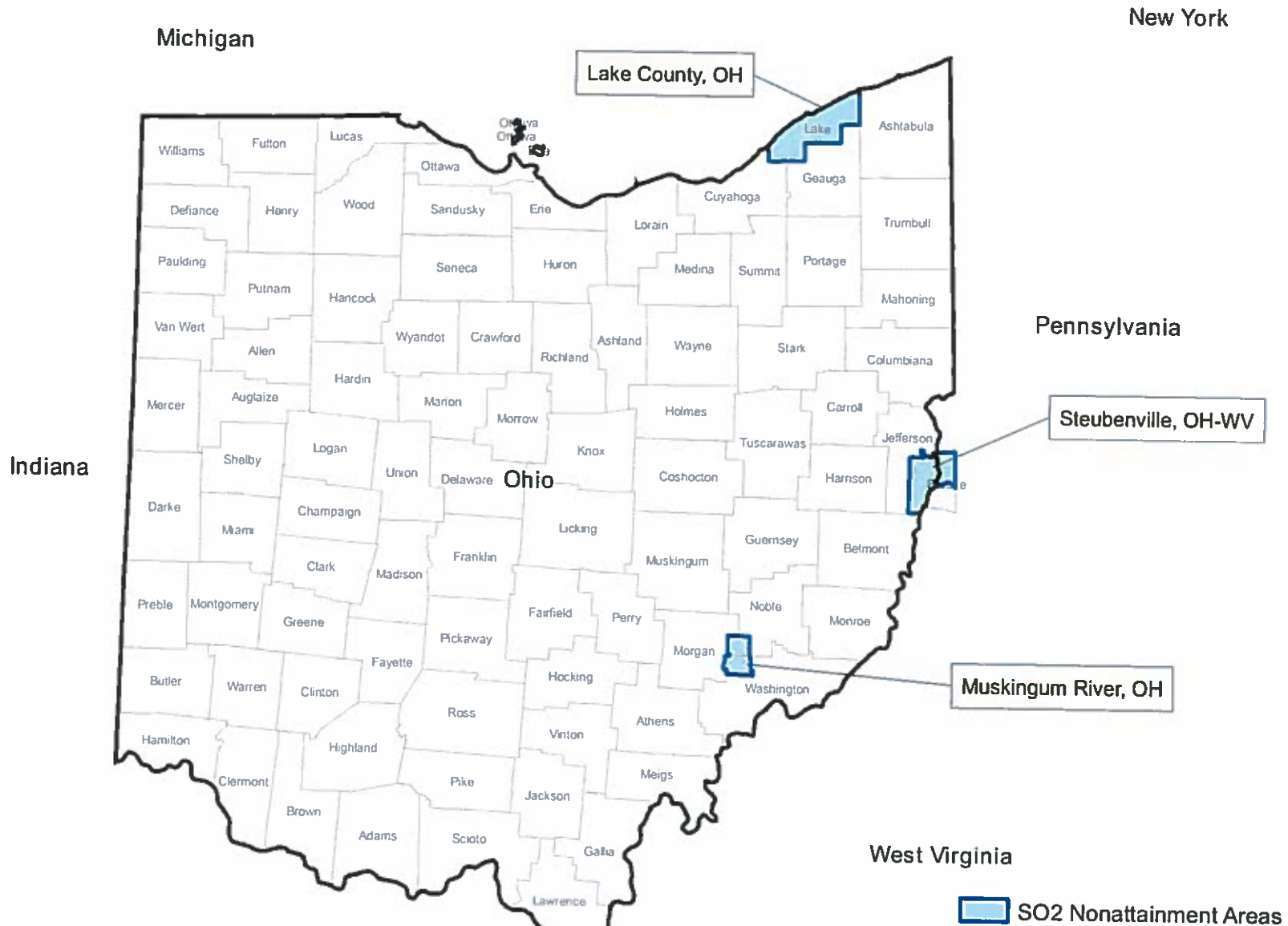
# PM-2.5 Nonattainment Areas (2012 Standard)



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.

# Ohio SO<sub>2</sub> Nonattainment Areas (2010 Standard)

06/20/2017



Delta, OH  
Clean Data

Cleveland, OH  
Clean Data



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





# Ohio Lead Maintenance Areas (2008 Standard)

06/20/2017



 Maintenance Areas (2008 Standard)





You are here: EPA Home > Green Book > Carbon Monoxide (1971) Designated Area/State Information

## Carbon Monoxide (1971) Designated Area/State Information

Data is current as of June 20, 2017

**Display:**  Nonattainment and Maintenance Areas  Nonattainment Areas  Maintenance Areas

Area Name <i>Click underlined column heading to change report order. click area name for state/county list</i>	State	Current Status	Current Classification or at Redesignation	No. Counties	2010 Population	EPA Region
			click for Classification history			
<a href="#">Albuquerque, NM</a>	NM	Maintenance	Moderate <= 12.7ppm	1	662,564	06
<a href="#">Anchorage, AK</a>	AK	Maintenance	Serious	1	286,227	10
<a href="#">Atlantic City, NJ</a>	NJ	Maintenance	Not Classified	1	44,944	02
<a href="#">Bakersfield, CA</a>	CA	Maintenance	Not Classified	1	468,092	09
<a href="#">Baltimore, MD</a>	MD	Maintenance	Moderate <= 12.7ppm	1	15,455	03
<a href="#">Billings, MT</a>	MT	Maintenance	Not Classified	1	104,360	08
<a href="#">Boise-Northern Ada County, ID</a>	ID	Maintenance	Not Classified	1	257,440	10
<a href="#">Boston, MA</a>	MA	Maintenance	Moderate <= 12.7ppm	3	1,135,003	01
<a href="#">Burlington, NJ</a>	NJ	Maintenance	Not Classified	1	10,993	02
<a href="#">Charlotte, NC</a>	NC	Maintenance	Not Classified	1	919,628	04
<a href="#">Chico, CA</a>	CA	Maintenance	Moderate <= 12.7ppm	1	86,963	09
<a href="#">Cleveland, OH</a>	OH	Maintenance	Moderate <= 12.7ppm	1	1,280,122	05
<a href="#">Colorado Springs, CO</a>	CO	Maintenance	Moderate <= 12.7ppm	2	555,742	08
<a href="#">Denver-Boulder, CO</a>	CO	Maintenance	Serious	7	2,610,637	08
<a href="#">Detroit, MI</a>	MI	Maintenance	Not Classified	3	1,382,239	05
<a href="#">Duluth, MN</a>	MN	Maintenance	Moderate <= 12.7ppm	1	85,857	05
<a href="#">East Chicago, IN</a>	IN	Maintenance	Not Classified	1	5,208	05
			<b>Total Areas</b>	<b>Total Counties</b>	<b>Total Population (2010)</b>	
<b>Nonattainment</b>			0	0	0	
<b>Maintenance</b>			77	131	75,810,917	
<b>Nonattainment and Maintenance</b>			77	131	75,810,917	

Area Name	State	Current Status	Current Classification or at Redesignation	No. Counties	2010 Population	EPA Region
<i>Click underlined column heading to change report order. click area name for state/county list</i>			<i>click for Classification history</i>			
El Paso, TX	TX	Maintenance	Moderate <= 12.7ppm	1	73,100	06
Eugene-Springfield, OR	OR	Maintenance	Not Classified	1	234,972	10
Fairbanks, AK	AK	Maintenance	Serious	1	46,211	10
Fort Collins, CO	CO	Maintenance	Moderate <= 12.7ppm	1	170,639	08
Freehold, NJ	NJ	Maintenance	Not Classified	1	12,734	02
Fresno, CA	CA	Maintenance	Moderate > 12.7ppm	1	631,483	09
Grants Pass, OR	OR	Maintenance	Moderate <= 12.7ppm	1	22,449	10
Great Falls, MT	MT	Maintenance	Not Classified	1	57,573	08
Greeley, CO	CO	Maintenance	Not Classified	1	138,101	08
Hartford-New Britain-Middletown, CT	CT	Maintenance	Moderate <= 12.7ppm	4	1,106,678	01
Indianapolis, IN	IN	Maintenance	Not Classified	1	61,160	05
Klamath Falls, OR	OR	Maintenance	Moderate <= 12.7ppm	1	20,703	10
Lake Tahoe North Shore, CA	CA	Maintenance	Not Classified	1	16,132	09
Lake Tahoe South Shore, CA	CA	Maintenance	Moderate <= 12.7ppm	1	43,110	09
Lake Tahoe, NV	NV	Maintenance	Not Classified	3	33,259	09
Las Vegas, NV	NV	Maintenance	Serious	1	679,034	09
Longmont, CO	CO	Maintenance	Moderate <= 12.7ppm	2	86,558	08
Los Angeles-South Coast Air Basin, CA	CA	Maintenance	Serious	4	15,799,134	09
Lowell, MA	MA	Maintenance	Not Classified	1	106,519	01
Manchester, NH	NH	Maintenance	Not Classified	1	109,565	01
Medford, OR	OR	Maintenance	Moderate <= 12.7ppm	1	86,056	10
Memphis, TN	TN	Maintenance	Moderate <= 12.7ppm	1	927,644	04
Minneapolis-St. Paul, MN	MN	Maintenance	Moderate <= 12.7ppm	8	2,920,178	05
Missoula, MT	MT	Maintenance	Moderate <= 12.7ppm	1	59,733	08
Modesto, CA	CA	Maintenance	Moderate <= 12.7ppm	1	320,707	09
Morristown, NJ	NJ	Maintenance	Not Classified	1	21,955	02
Nashua, NH	NH	Maintenance	Not Classified	1	86,494	01
New Haven-Meriden-Waterbury, CT	CT	Maintenance	Not Classified	3	945,612	01
New York-N. New Jersey-Long Island, NY-NJ-CT	CT	Maintenance	Moderate > 12.7ppm	2	907,442	01
			<b>Total Areas</b>	<b>Total Counties</b>	<b>Total Population (2010)</b>	
<b>Nonattainment</b>			0	0	0	
<b>Maintenance</b>			77	131	75,810,917	
<b>Nonattainment and Maintenance</b>			77	131	75,810,917	

Area Name	State	Current Status	Current Classification or at Redesignation click for Classification history	No. Counties	2010 Population	EPA Region
<i>Click underlined column heading to change report order. click area name for state/county list</i>						
New York-N. New Jersey-Long Island, NY-NJ-CT	NJ	Maintenance	Moderate > 12.7ppm	5	3,159,966	02
New York-N. New Jersey-Long Island, NY-NJ-CT	NY	Maintenance	Moderate > 12.7ppm	7	10,463,778	02
Ogden, UT	UT	Maintenance	Moderate <= 12.7ppm	1	82,825	08
Penns Grove, NJ	NJ	Maintenance	Not Classified	1	5,201	02
Perth Amboy, NJ	NJ	Maintenance	Not Classified	1	49,645	02
Philadelphia-Camden Co, PA-NJ	NJ	Maintenance	Moderate <= 12.7ppm	1	513,657	02
Philadelphia-Camden Co, PA-NJ	PA	Maintenance	Moderate <= 12.7ppm	1	673,750	03
Phoenix, AZ	AZ	Maintenance	Serious	1	3,763,324	09
Pittsburgh, PA	PA	Maintenance	Not Classified	1	320,395	03
Portland, OR	OR	Maintenance	Moderate <= 12.7ppm	3	1,330,473	10
Provo, UT	UT	Maintenance	Moderate > 12.7ppm	1	166,596	08
Raleigh-Durham, NC	NC	Maintenance	Moderate <= 12.7ppm	2	1,168,580	04
Reno, NV	NV	Maintenance	Moderate <= 12.7ppm	1	221,743	09
Sacramento, CA	CA	Maintenance	Moderate <= 12.7ppm	3	1,530,116	09
Salem, OR	OR	Maintenance	Not Classified	2	156,100	10
Salt Lake City, UT	UT	Maintenance	Not Classified	1	186,440	08
San Diego, CA	CA	Maintenance	Moderate <= 12.7ppm	1	2,909,194	09
San Francisco-Oakland-San Jose, CA	CA	Maintenance	Moderate <= 12.7ppm	9	4,296,499	09
Seattle-Tacoma, WA	WA	Maintenance	Moderate > 12.7ppm	3	3,016,710	10
Somerville, NJ	NJ	Maintenance	Not Classified	1	15,557	02
Spokane, WA	WA	Maintenance	Serious	1	363,834	10
Springfield, MA	MA	Maintenance	Not Classified	1	153,060	01
St. Louis, MO	MO	Maintenance	Not Classified	2	1,227,527	07
Stockton, CA	CA	Maintenance	Moderate <= 12.7ppm	1	373,545	09
Syracuse, NY	NY	Maintenance	Moderate <= 12.7ppm	1	467,026	02
Toms River, NJ	NJ	Maintenance	Not Classified	1	10,667	02
Trenton, NJ	NJ	Maintenance	Not Classified	1	97,712	02
Tucson, AZ	AZ	Maintenance	Not Classified	1	595,314	09
Vancouver, WA	WA	Maintenance	Moderate <= 12.7ppm	1	400,271	10
			<b>Total Areas</b>	<b>Total Counties</b>	<b>Total Population (2010)</b>	
Nonattainment			0	0	0	
Maintenance			77	131	75,810,917	
Nonattainment and Maintenance			77	131	75,810,917	



Area Name	State	Current Status	Current Classification or at Redesignation	No. Counties	2010 Population	EPA Region
<i>Click underlined column heading to change report order. click area name for state/county list</i>			click for Classification history			
Waltham, MA	MA	Maintenance	Not Classified	1	60,632	01
Washington, DC-MD-VA	DC	Maintenance	Moderate <= 12.7ppm	1	601,723	03
Washington, DC-MD-VA	MD	Maintenance	Moderate <= 12.7ppm	2	843,775	03
Washington, DC-MD-VA	VA	Maintenance	Moderate <= 12.7ppm	2	347,593	03
Winston-Salem, NC	NC	Maintenance	Moderate <= 12.7ppm	1	350,670	04
Worcester, MA	MA	Maintenance	Not Classified	1	181,045	01
Yakima, WA	WA	Maintenance	Not Classified	1	69,565	10
			<b>Total Areas</b>	<b>Total Counties</b>	<b>Total Population (2010)</b>	
<b>Nonattainment</b>			0	0	0	
<b>Maintenance</b>			77	131	75,810,917	
<b>Nonattainment and Maintenance</b>			77	131	75,810,917	

County subtotals and grand totals may not equal sum of the counties. Part counties are only counted one time within groupings. Multi-state areas are counted only once in area totals, and are counted in maintenance totals when all states in the area have been redesignated.

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2017-6-20



You are here: EPA Home > Green Book > Nitrogen Dioxide (1971) Maintenance Area (Redesignated from Nonattainment) State/Area/County Report

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

Data is current as of June 20, 2017

---

### *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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2017-6-20



You are here: EPA Home > Green Book > >National Area and County-Level Multi-Pollutant Information >Ohio Whole or Part County Nonattainment Status by Year Since 1992 for all Criteria Pollutants

## Ohio Whole or Part County Nonattainment Status by Year Since 1992 for all Criteria Pollutants

Data is current as of June 20, 2017

Listed by State, County, NAAQS (W=Whole County,P=Partial County designated nonattainment as of report date)  
 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.

The 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m<sup>3</sup>) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State:

OHIO

GO

### Important Notes

OHIO	County	NAAQS	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17
	Adams Co	PM-2.5 (1997)														P	P	P	P	P	P	P						
	Allen Co	8-Hour Ozone (1997)-NAAQS revoked													W	W	W											
	Ashtabula Co	1-Hour Ozone (1979)-NAAQS revoked	W	W	W	W																						
	Ashtabula Co	8-Hour Ozone (1997)-NAAQS revoked													W	W	W	W	W									
	Ashtabula Co	8-Hour Ozone (2008)																					W	W	W	W	W	
	Ashtabula Co	PM-2.5 (1997)														P	P	P	P	P	P	P	P					
	Belmont Co	8-Hour Ozone (1997)-NAAQS revoked													W	W	W											
	Belmont Co	PM-2.5 (1997)														W	W	W	W	W	W	W	W					
	Butler Co	1-Hour Ozone (1979)-NAAQS revoked	W	W	W	W	W	W	W	W	W	W	W	W	W													
	Butler Co	8-Hour Ozone (1997)-NAAQS revoked													W	W	W	W	W	W								
	Butler Co	8-Hour Ozone (2008)																					W	W	W	W		
	Butler Co	PM-2.5 (1997)														W	W	W	W	W	W	W	W	W	W	W	W	
	Clark Co	1-Hour Ozone (1979)-NAAQS revoked	W	W	W																							
	Clark Co	8-Hour Ozone (1997)-NAAQS revoked													W	W	W											

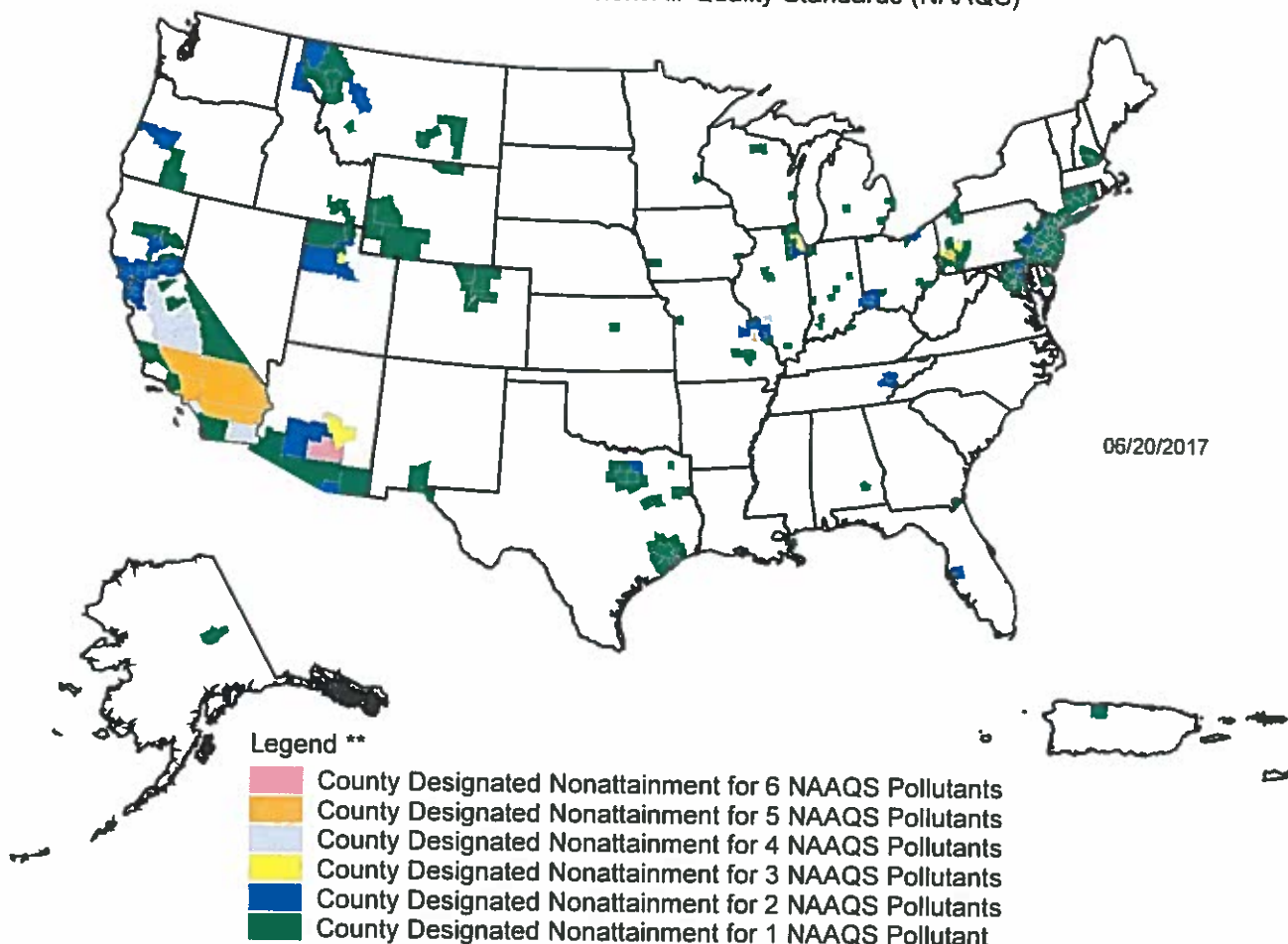
Greene Co	1-Hour Ozone (1979)-NAAQS revoked	W	W	W																		
Greene Co	8-Hour Ozone (1997)-NAAQS revoked									W	W	W										
Greene Co	PM-2.5 (1997)									W	W	W	W	W	W	W	W					
Hamilton Co	1-Hour Ozone (1979)-NAAQS revoked	W	W	W	W	W	W	W	W	W	W	W										
Hamilton Co	8-Hour Ozone (1997)-NAAQS revoked									W	W	W	W	W	W							
Hamilton Co	8-Hour Ozone (2008)																	W	W	W	W	
Hamilton Co	PM-2.5 (1997)									W	W	W	W	W	W	W	W	W	W	W	W	W
Jefferson Co	1-Hour Ozone (1979)-NAAQS revoked	W	W	W																		
Jefferson Co	8-Hour Ozone (1997)-NAAQS revoked									W	W	W										
Jefferson Co	PM-10 (1987)	P	P	P	P	P	P	P	P													
Jefferson Co	PM-2.5 (1997)									W	W	W	W	W	W	W	W					
Jefferson Co	PM-2.5 (2006)													W	W	W	W					
Jefferson Co	Sulfur Dioxide (1971)	P	P	P	P	P	P	P														
Jefferson Co	Sulfur Dioxide (2010)																		P	P	P	P
Knox Co	8-Hour Ozone (1997)-NAAQS revoked									W	W	W	W	W								
Knox Co	8-Hour Ozone (2008)																	W	W	W	W	
Lake Co	1-Hour Ozone (1979)-NAAQS revoked	W	W	W	W																	
Lake Co	8-Hour Ozone (1997)-NAAQS revoked									W	W	W	W	W								
Lake Co	8-Hour Ozone (2008)																	W	W	W	W	W
Lake Co	PM-2.5 (1997)									W	W	W	W	W	W	W						
Lake Co	PM-2.5 (2006)													W	W	W	W					
Lake Co	Sulfur Dioxide (1971)	P	P	P	P	P	P	P														
Lake Co	Sulfur Dioxide (2010)																	W	W	W	W	W
Lawrence Co	PM-2.5 (1997)									W	W	W	W	W	W	W						
Licking Co	1-Hour Ozone (1979)-NAAQS revoked	W	W	W	W																	
Licking Co	8-Hour Ozone (1997)-NAAQS revoked									W	W	W	W	W								
Licking Co	8-Hour Ozone (2008)																	W	W	W	W	
Licking Co	PM-2.5 (1997)									W	W	W	W	W	W	W						
Logan Co	Lead (2008)																P	P	P	P		
Lorain Co	1-Hour Ozone (1979)-NAAQS revoked	W	W	W	W																	
Lorain Co	8-Hour Ozone (1997)-NAAQS revoked									W	W	W	W	W								
Lorain Co	8-Hour Ozone (2008)																	W	W	W	W	W
Lorain Co	PM-2.5 (1997)									W	W	W	W	W	W	W						
Lorain Co	PM-2.5 (2006)													W	W	W	W					
Lorain Co	PM-2.5 (2012)																			W	W	W
Lorain Co	Sulfur Dioxide (1971)	P	P	P	P	P	P	P	P													
Lucas Co	1-Hour Ozone (1979)-NAAQS revoked	W	W	W																		
Lucas Co	8-Hour Ozone (1997)-NAAQS revoked									W	W	W										
Lucas Co	Sulfur Dioxide (1971)	P	P	P	P	P	P	P	P	P	P	P										
Madison Co	8-Hour Ozone (1997)-NAAQS revoked									W	W	W	W	W								





# Counties Designated "Nonattainment"

for Clean Air Act's National Ambient Air Quality Standards (NAAQS) \*



Guam - Piti and Tanguisson Counties are designated nonattainment for the SO<sub>2</sub> NAAQS

\* The National Ambient Air Quality Standards (NAAQS) are health standards for Carbon Monoxide, Lead (1978 and 2008), Nitrogen Dioxide, 8-hour Ozone (2008), Particulate Matter (PM-10 and PM-2.5 (1997, 2006 and 2012), and Sulfur Dioxide.(1971 and 2010)

\*\* Included in the counts are counties designated for NAAQS and revised NAAQS pollutants. Revoked 1-hour (1979) and 8-hour Ozone (1997) are excluded. Partial counties, those with part of the county designated nonattainment and part attainment, are shown as full counties on the map.

## Farmland Protection

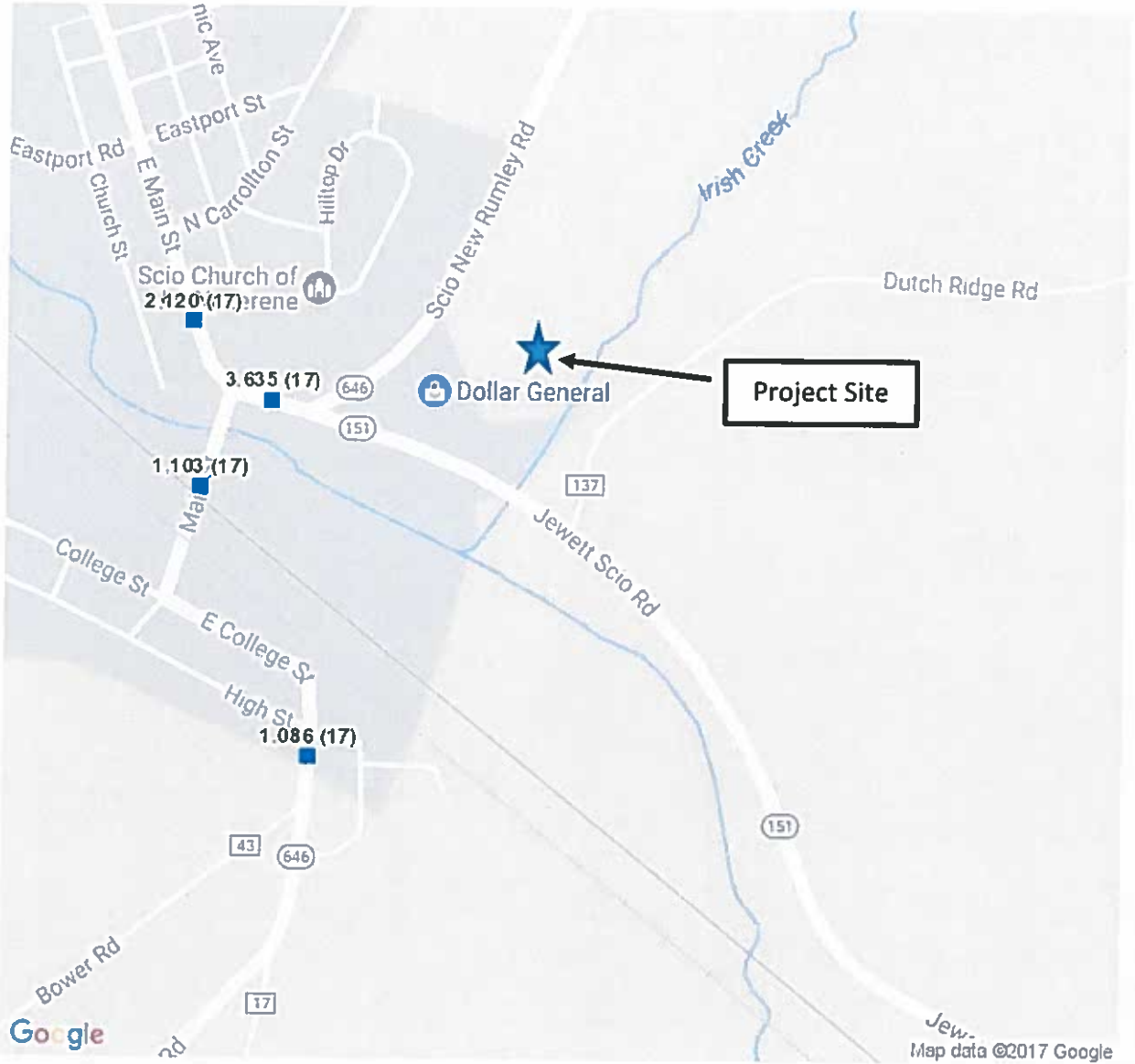
- The project does not affect any farmland property and does not involve any land use conversion.

## Noise Abatement and Control

This section includes:

- ODOT Traffic Count Map
- Map of Highways within 1000 Feet of Village of Scio Water Treatment Plant
- Map of Distance for Village of Scio to US 250 & US 250 to I-77
- Map of Distance between Project Site and Rail Line
- Map of Distance from Project Site to Harrison County Airport

# Traffic Count Map



- TCDS Locations**
- Short
  - Continuous
  - WIM
  - Located Short
  - Located Continuous
  - Located WIM

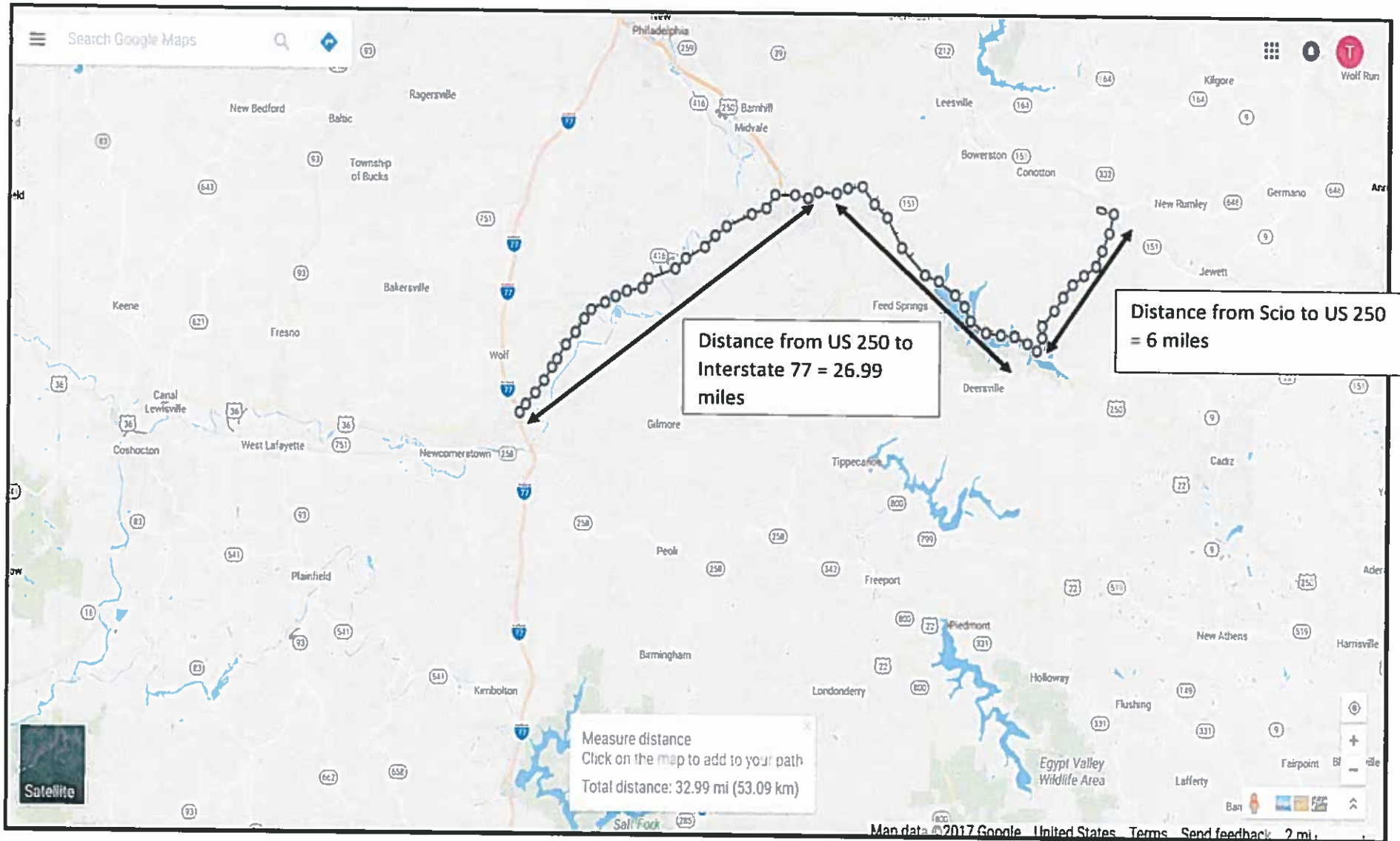


## Map of Highways within 1000 Feet of Village of Scio Water Treatment Plant

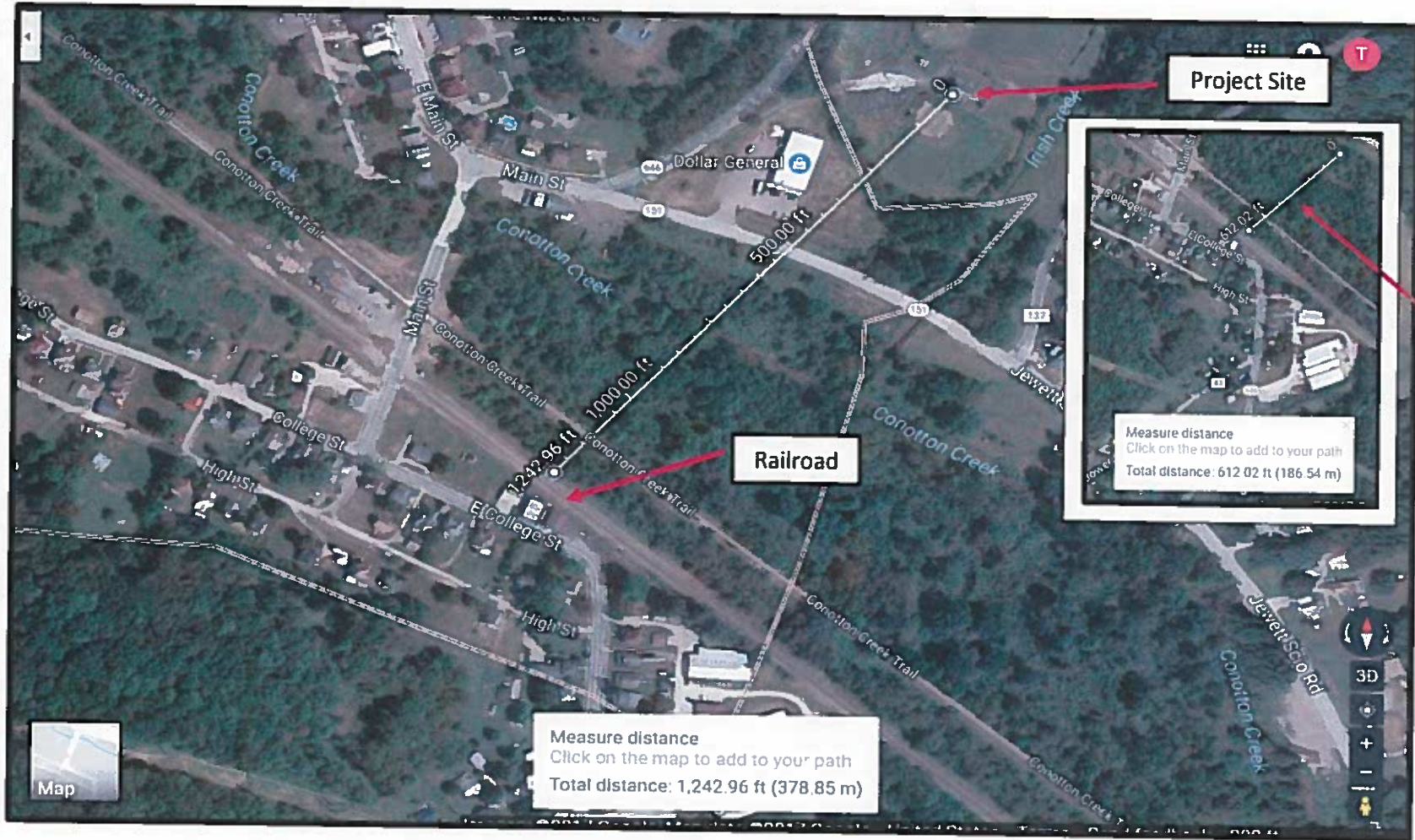


There are no major highways within 1000 feet of the project area. All roadways within the project area are state routes, including SR 151, SR 646, and SR 137.

Map showing distance from Village of Scio to US 250, and US 250 to Interstate 77.



## Map of Distance Between Project Site and Rail Line

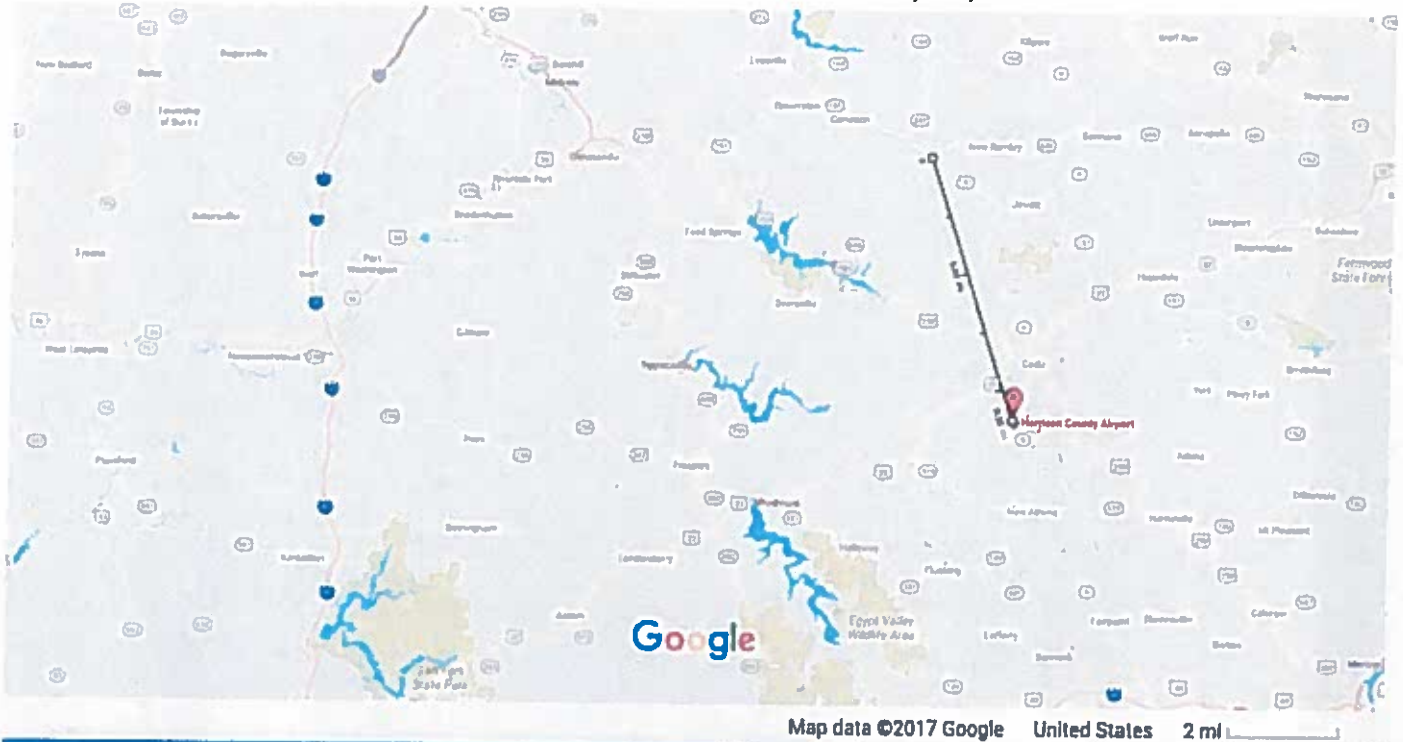


Total distance between project site and railroad is 1,242.96 feet. The grove of trees shown on map is approximately 612 feet across creating a noise barrier.



# Google Maps Harrison County Airport

Distance from Project Site to Harrison County Airport



Distance from project site to Harrison County Airport is approximately 11.36 miles as shown on the above map.

Harrison County Airport  
Airport

43000 Airport Rd, Cadiz, OH 43907

(740) 942-2316

Add missing information

## Airport Clear Zones and Accident Potential Zones

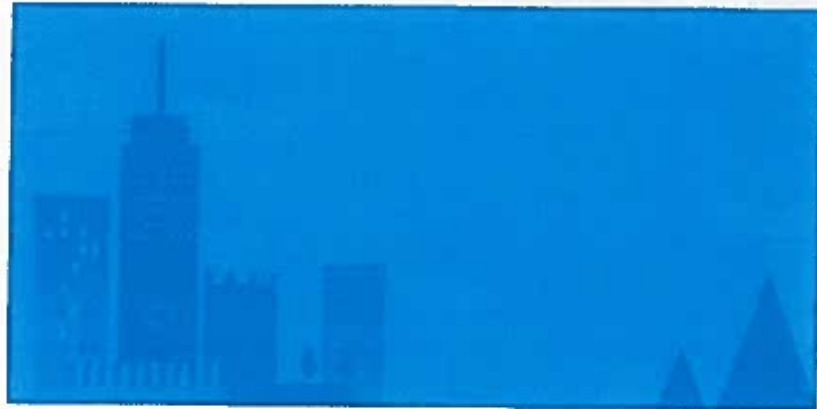
This section includes:

- Airport Distance Map
- County Airport Information
- Airport Information Map



# Google Maps Harrison County Airport

Distance from Project Site to Harrison County Airport



Distance from project site to Harrison County Airport is approximately 11.36 miles as shown on the above map.

Harrison County Airport  
Airport

43000 Airport Rd, Cadiz, OH 43907

(740) 942-2316

Add missing information



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Airports

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Airspace Fixes

Aviation Fuel

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# 8G6 Harrison County Airport

Cadiz, Ohio, USA



## GOING TO CADIZ?

### FAA INFORMATION EFFECTIVE 17 AUGUST 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 -4 (UTC -5 during Standard Time)  
Zip code: 43907

**Fuel Prices in Your Pocket**

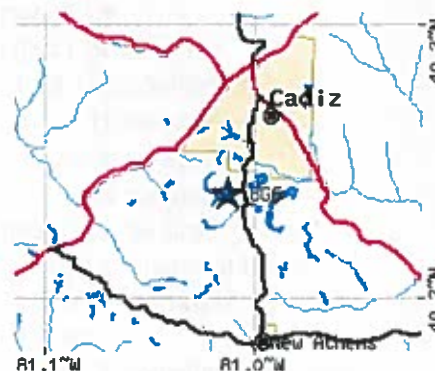
Download the **FREE** iPhone App from AirNav [CLICK HERE](#)

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#### 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.



Road maps at: [MapQuest](#) [Bing](#) [Google](#)

#### Airport Communications

CTAF/UNICOM: 122.8  
WX ASOS at HLG (17 nm E): 127.375 (304-277-3504)

#### Aerial photo

WARNING: Photo may not be current or correct

- APCH/DEP SERVICE PROVIDED BY CLEVELAND ARTCC ON FREQS 126.95/239.30 (BELMONT RCAG).

0-40 FT HILL 0-200 clear  
 FT FM 100 FT LEFT - 6 FT MOUND 115-200  
 140 FT RIGHT. FT FM 165-250 FT  
 LEFT.

**KCDI** 291805Z AUTO 14005KT 10SM CLR  
 30nm SW 26/14 A3003 RMK AO2 T02550143

**TAF**

**KHLG** 291722Z 2918/3018 13005KT P6SM  
 17nm E SCT100 FM300800 00000KT 3SM BR  
 FEW060 FM301000 15001KT 1SM BR  
 SCT010 FM301300 VRB04KT P6SM  
 SCT050

**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 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  
 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 17 August 2017 at 0901Z and 14 September 2017 at 0900Z.

### IAPs - Instrument Approach Procedures

RNAV (GPS) RWY 13 [download](#) (175KB)

RNAV (GPS) RWY 31 [download](#) (179KB)

VOR-A [download](#) (148KB)

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)

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: 08/17/2017

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**

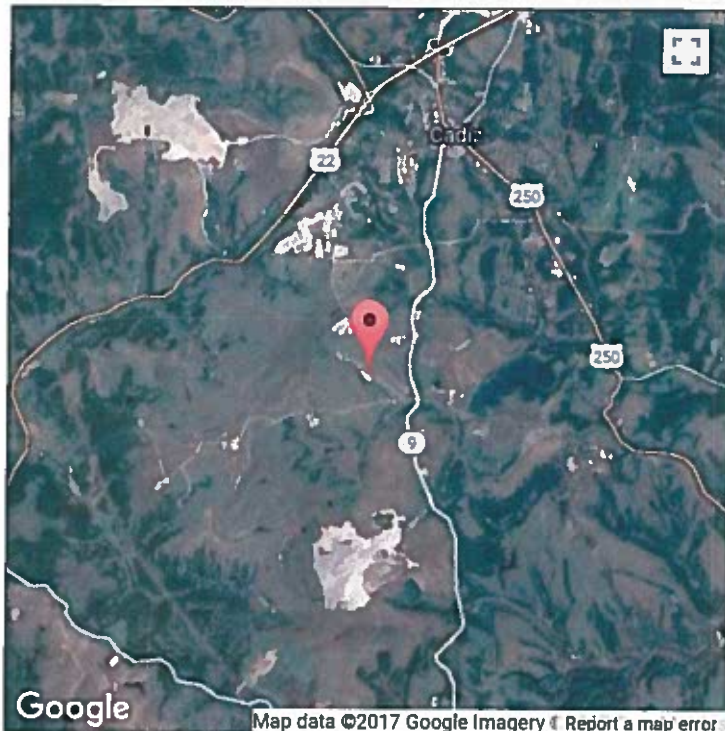
Non-Commercial Landing Fee: **NO**

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](#)



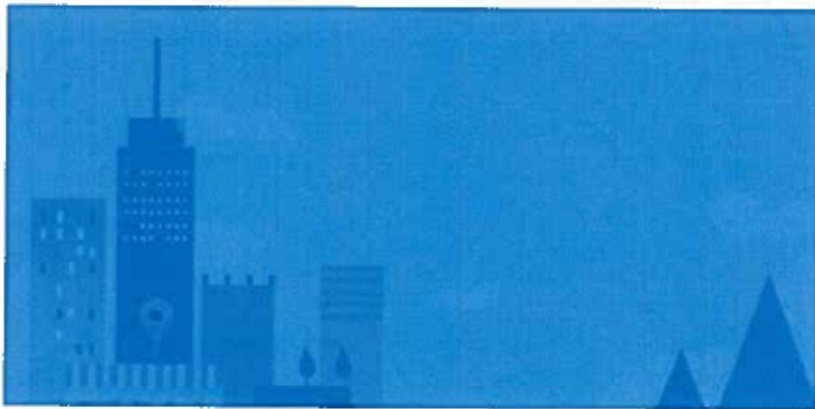
Google Maps

40°14'18.1"N 81°00'46.4"W

Harrison County Airport



Imagery ©2017 Google, Map data ©2017 Google United States 200 ft



40°14'18.1"N 81°00'46.4"W

40.238361, -81.012889

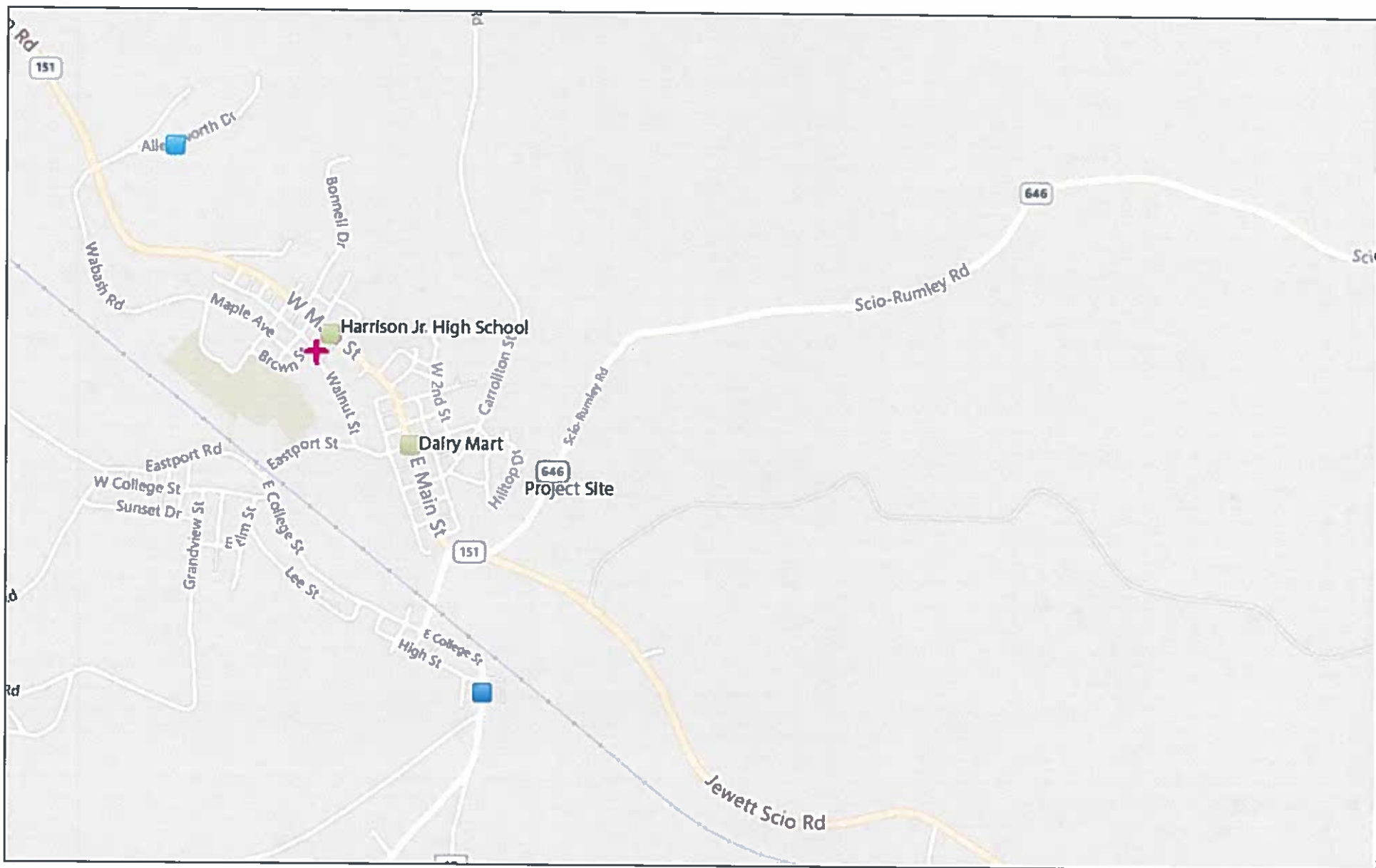


## Explosive and Flammable Operations

This section includes:

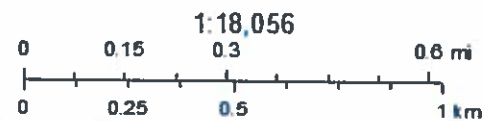
- NEPA Assist Map showing no explosive or flammable operations in the project area
- RCRAInfo Facility Information for the Circle K Dairy Mart and the Harrison Junior High School – These are the only two facilities in the area with ignitable waste and they are both considered small quantity generators. The Dairy Mart is a Conditionally Exempt Small Quantity Generator. Both facilities have the required permitting.

# Hazardous Waste Map



August 29, 2017

-  PCS (single)
-  AIRS (single)
-  RCRAINFO (single)
-  Search Result (point)



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**Envirofacts  
Search Results**

RCRAInfo



[Data Disclaimer](#)

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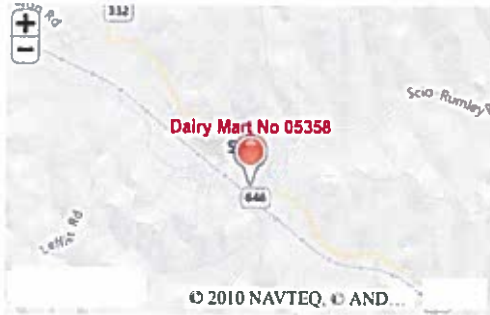
**CIRCLE K**  
 Handler ID: OH0000058644  
 101 E MAIN ST  
 SCIO, OH 43988

County Name: HARRISON

Latitude: 40.39681  
 Longitude: -81.08535

Hazardous Waste Generator: Conditionally Exempt Small Quantity Generator

Owner Name:



\*You can navigate within the map with your mouse.

No BIENNIAL REPORT data is available for the facility listed above.

**LIST OF FACILITY CONTACTS**

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
TINA RAMSEY					740-945-0214	Public
MELISSA LABONTE	ONE VISION DR	ENFIELD	CT	06082	203-741-4444	Permit
TINA RAMSEY					740-945-0214	Permit

**HANDLER / FACILITY CLASSIFICATION**

Unspecified Universe for the facility listed above.

HANDLER TYPE
Conditionally Exempt Small Quantity Generator

No PROCESS INFORMATION is available for the facility listed above.

No NAICS Codes are available for the facility listed above.

**LIST OF WASTE CODES AND DESCRIPTIONS**

WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE
D018	BENZENE



**Envirofacts  
Search Results**



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**HARRISON JUNIOR HIGH SCHOOL**  
 Handler ID: OHR000143693  
 322 W MAIN ST  
 SCIO, OH 43988

County Name: HARRISON

Latitude: 40.39938  
 Longitude: -81.08776

Hazardous Waste Generator: Small Quantity Generator

Owner Name: HARRISON HILL CITY SCHOOL



\*You can navigate within the map with your mouse.

**No BIENNIAL REPORT data is available for the facility listed above.**

**LIST OF FACILITY CONTACTS**

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
ED KOVACIK	322 W MAIN ST	SCIO	OH	43988	740-942-7502	Public
ED KOVACIK	322 W MAIN ST	SCIO	OH	43988	740-942-7502	Permit

**HANDLER / FACILITY CLASSIFICATION**

Unspecified Universe for the facility listed above.

HANDLER TYPE
Small Quantity Generator

**No PROCESS INFORMATION is available for the facility listed above.**

**LIST OF NAICS CODES AND DESCRIPTIONS**

NAICS CODE	NAICS DESCRIPTION
81111	ELEMENTARY AND SECONDARY SCHOOLS

**LIST OF WASTE CODES AND DESCRIPTIONS**

WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE

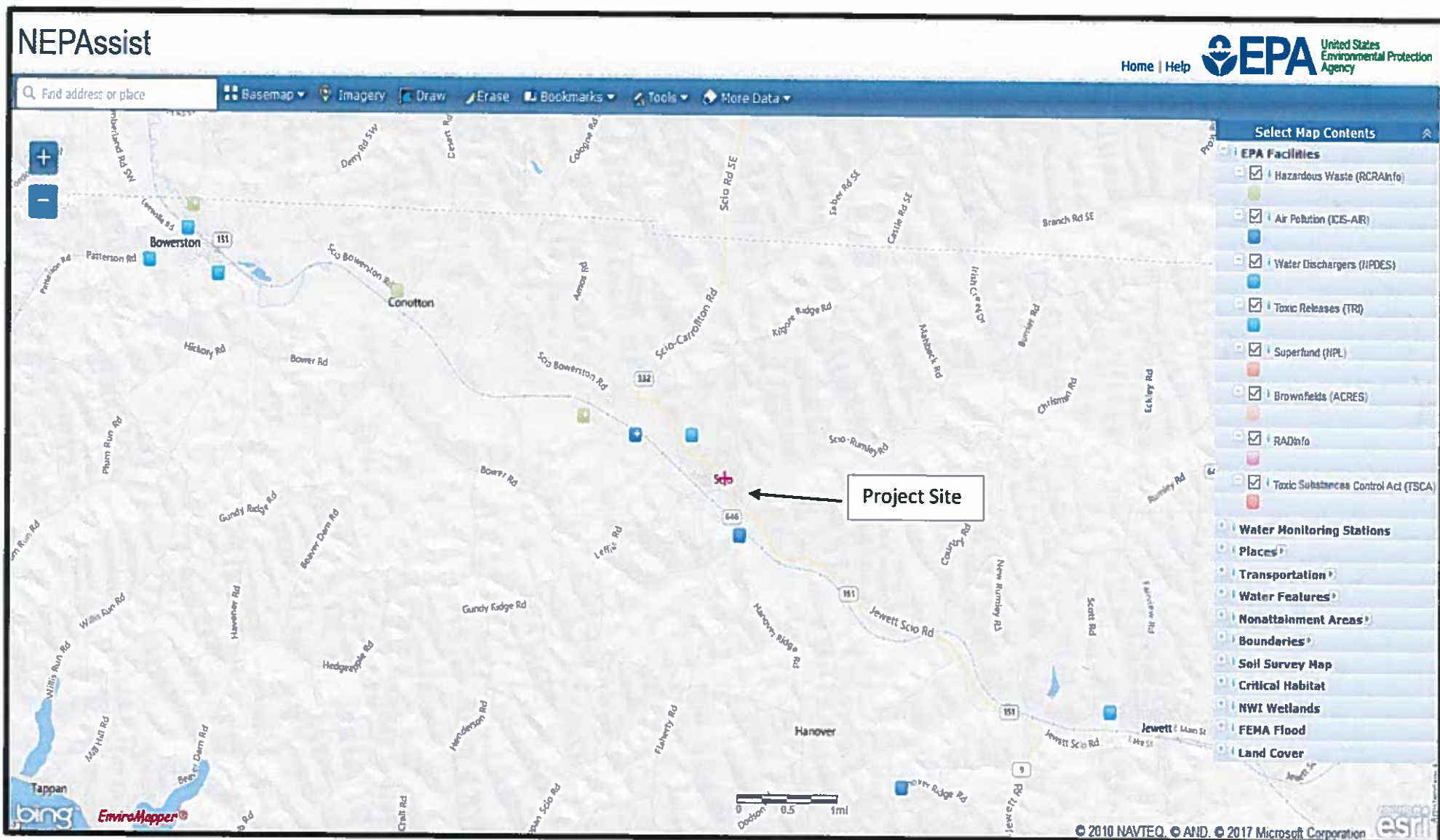
## Toxic Chemicals and Radioactive Materials

This section includes:

- NEPA Assist Map showing all EPA Facilities in the area
- Envirofacts map and listing of addresses for EPA regulated facilities
- Enlarged map of project site in relation to the closest EPA regulated facility  
This facility is a Dairy Mart, which is approximately .19 miles northwest of the project site
- List of BUSTR sites in the Cadiz area, confirming that there are none in the project area.



# EPA Facilities Map for the Village of Scio





## Envirofacts Search Results

Search Results for:  
Scio, Ohio

**Envirofacts Links**

- [EE Overview](#)
- [Search](#)
- [Model](#)
- [Data Update](#)
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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 4 of 4 entries Show 10 entries Search:

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

FACILITY INFORMATION	AFS	ACRES	BR	SEMS	GHG	PCS/CIS	RADInfo	RCRAInfo	TRI	TSCA
<p><b>DAIRY MART NO 05358</b>                      MAIN AND EASTPORT SCIO, OH 43088                      Latitude: 40.39881 Longitude: -81.08535</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>SCIO LAMINATED PRODUCTS</b>                      117 FOWLER AVE SCIO, OH 43088                      Latitude: 40.39112 Longitude: -81.08316</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>SCIO WWTP</b>                      ALLENSWORTH DRIVE SCIO, OH 43088                      Latitude: 40.40387 Longitude: -81.09245</p> <p><a href="#">Summary Report</a> <a href="#">Facility Report</a> <a href="#">Compliance Report</a></p>								<a href="#">View Report</a>		

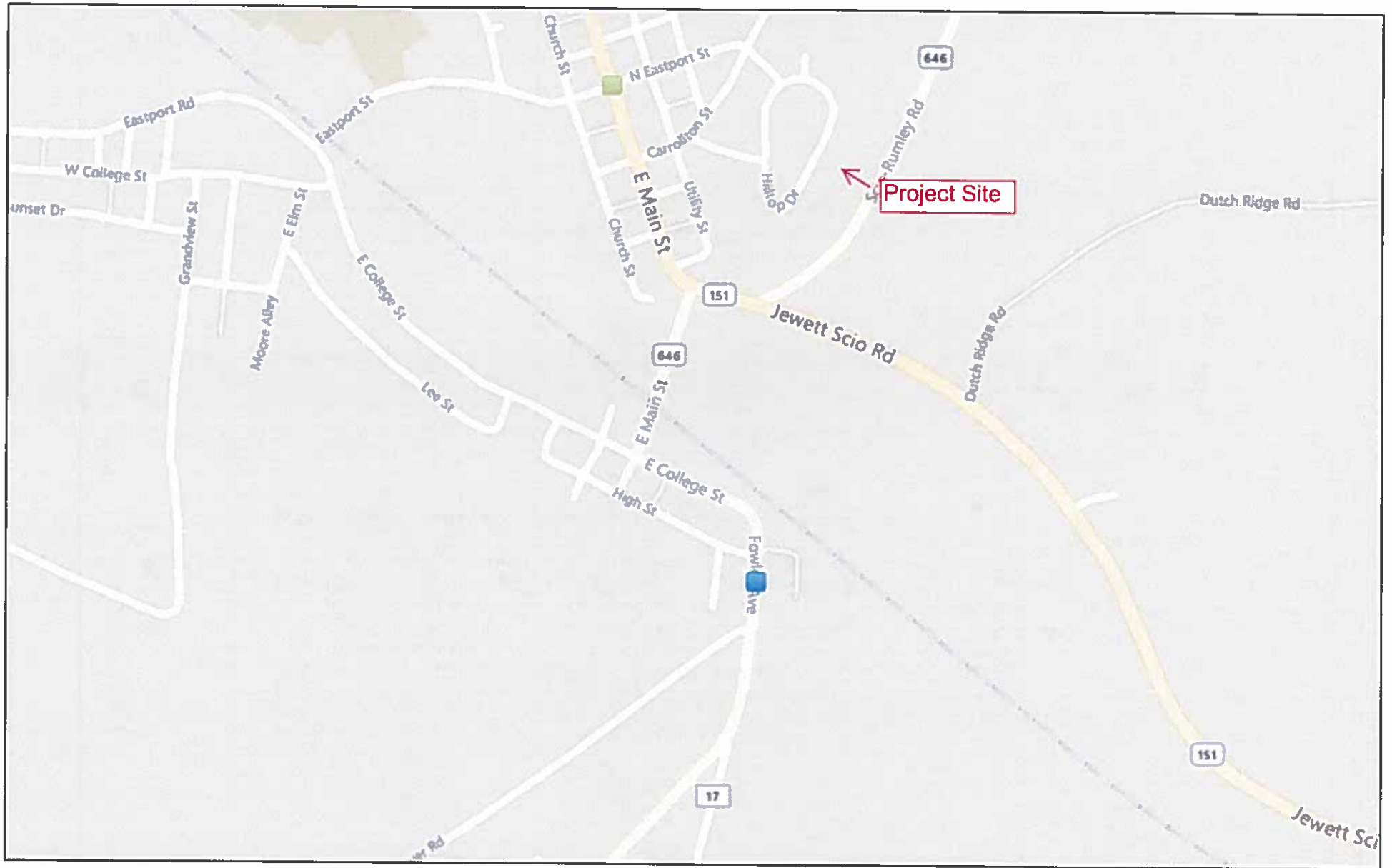
Showing 1 to 4 of 4 entries Show 10 entries Search:

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Total Number of Facilities Displayed: 4

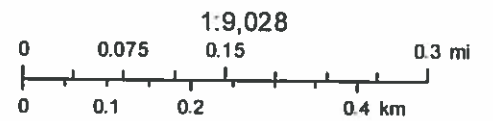
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# EPA Facilities



August 4, 2017

-  AIRS (single)
-  RCRAINFO (single)



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Ohio Tank Tracking & Environmental Regulations

**Existing User**

Username (Owner Id):

Password:

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**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="-- Any --"/>
Facility ID	<input type="text"/>	Facility Name	<input type="text"/>
Address	<input type="text"/>	City	<input type="text"/>
Zip	<input type="text"/>	State	<input type="text" value="-- Any --"/>
Local Fire Department	<input type="text" value="-- Any --"/>	Tank Status	<input type="text" value="All"/>
Release #	<input type="text"/>	Old Incident #	<input type="text"/>

Loading...

**Facility Search Results**

« 1/13 » 10

Facility	Owner Business Name	Address	City	Zip	County	Date Reported	Release Number	Old Incident ID
<a href="#">34009760</a> <a href="#">(UNKNOWN)</a>		46515 OLD HOPEWELL RD	CADIZ	43907	Harrison			N A
<a href="#">34009759</a> <a href="#">(FRANK SPANO)</a>		E WHEELING ST	NEW ATHENS	43981	Harrison	6/25/2014	<a href="#">N00001</a>	A
<a href="#">34000042</a> <a href="#">(OHIO MACHINERY)</a>	OHIO MACHINERY CO.	1018 E MARKET ST US HWY 250	CADIZ	43907	Harrison	6/20/2000	<a href="#">N00002</a>	347122200.0 B

Facility	Owner Business Name	Address	City	Zip	County	Date Reported	Release Number	Old Incident ID	
<a href="#">CO.)</a>									
<a href="#">34000042</a> <a href="#">(OHIO</a> <a href="#">MACHINERY</a> <a href="#">CO.)</a>	OHIO MACHINERY CO.	1016 E MARKET ST US HWY 250	CADIZ	43907	Harrison	12/12/1991	<a href="#">N00003</a>	341331000.0	B
<a href="#">34000042</a> <a href="#">(OHIO</a> <a href="#">MACHINERY</a> <a href="#">CO.)</a>	OHIO MACHINERY CO.	1016 E MARKET ST US HWY 250	CADIZ	43907	Harrison	10/28/1997	<a href="#">N00001</a>	341331001.0	B
<a href="#">34000541</a> <a href="#">(DEERSVILLE</a> <a href="#">GENERAL</a> <a href="#">STORE)</a>	SHAWN C PENNINGTON	212 W MAIN ST	DEERSVILLE	44693	Harrison				A
<a href="#">34000018</a> <a href="#">(HOPEDALE</a> <a href="#">MILL)</a>	S.J.Z., INC.	166 MILL ST	HOPEDALE	43976	Harrison	6/26/1995	<a href="#">N00001</a>	345091400.0	N A
<a href="#">34003170</a> <a href="#">(TUSCARAWAS</a> <a href="#">LANDMARK</a> <a href="#">INC.)</a>	LANDMARK CO-OP, INC.	104 LINCOLN AVE	CADIZ	43907	Harrison	9/12/1991	<a href="#">N00001</a>	341214000.0	N A
<a href="#">34000014</a> <a href="#">(BOWERSTON</a> <a href="#">SHALE CO.)</a>	BOWERSTON SHALE CO.	515 MAIN ST	BOWERSTON	44695	Harrison				N A
<a href="#">34000082</a> <a href="#">(TAPPAN LAKE</a> <a href="#">MARINA)</a>	LAUREL VALLEY OIL CO.	RD 1	SCIO	43988	Harrison		<a href="#">N00001</a>	348014200.0	N A

124 Results listed.

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## Environmental Justice

- There are no Environmental Justice Issues:
  - The Village of Scio Water Treatment Facility Improvement Project will address an issue with high levels of manganese in the drinking water system. This will impact approximately 763 persons and 300 households in the Village of Scio. All residents will benefit from this project by having a safe supply of drinking water that will consistently meet drinking water standards. All residents served by the Village of Scio water treatment facility, regardless of age, sex, ethnicity, race, income, sexual preference, or poverty level will benefit from this project.

**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	<b>Potentially Beneficial</b>	Improvements are being made to an existing water treatment facility. This will provide a long term solution to Violation Notices issued by the Ohio EPA with regard to elevated and unsafe levels of manganese in the water. This 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	<b>No Impact Anticipated</b>	Water treatment facility sits in the middle of a flood plain, but is located above the 100-year flood elevation. The 4-inch diameter pressure line will be installed four feet below the existing grade. The Harrison County Floodplain Administrator has determined that this project will have no impact and will not raise the 100-year flood elevation. Building has been elevated above the heavy flooding area. Improvements will take place mostly inside the building except for the installation of two Clearwell tanks along the outside wall of the facility. This will require minimal ground disturbance and should not impact the soil or water runoff.
Hazards and Nuisances Including Site Safety and Noise	<b>No Impact Anticipated</b>	Construction will involve minimal noise as most of the improvements will take place inside the building. Minimal ground disturbance activities will take place outside of the building and will be conducted during daylight hours. There will be no adverse noise impact overall.
Energy Consumption	<b>No Impact Anticipated</b>	The project is not expected to impact energy consumption in a significant way.

**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 not affect employment and income patterns except for very short term construction work.
Demographic Character Changes, Displacement	<b>No Impact Anticipated</b>	The project will not affect the demographic character of the area or result in any displacement of 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>	The project will not affect any educational or cultural facilities.
Commercial Facilities	<b>No Impact Anticipated</b>	There will be no impact to commercial facilities.
Health Care and Social Services	<b>No Impact Anticipated</b>	The project will have no impact on area health care and social services.
Solid Waste Disposal / Recycling	<b>No Impact Anticipated</b>	The project will not impact solid waste disposal services or recycling.
Waste Water / Sanitary Sewers	<b>No Impact Anticipated</b>	The project will have no impact on waste water or sanitary sewer in the service area.

**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>
Water Supply	<b>Potentially Beneficial</b>	This project will have a beneficial impact on the water supply for the Village of Scio. The elimination of manganese from the water system will create a positive health benefit for those in the service area.
Public Safety – Police, Fire and Emergency Medical	<b>Potentially Beneficial</b>	The project will result in a benefit to public safety, as the improvements to the water treatment facility will result in safer drinking water. The project will not otherwise impact public safety, i.e., police fire and emergency medical services.
Parks, Open Space and Recreation	<b>No Impact Anticipated</b>	The project will have no impact on parks, open space, and recreation.
Transportation and Accessibility	<b>No Impact Anticipated</b>	The project will not affect transportation or accessibility in the service area.

<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>	The water treatment plant sits in the middle of the floodplain, but the building has been elevated above the floodplain as can be seen in the attached photos. The Floodplain Administrator for Harrison County has determined that this project will have no impact on the 100-year flood plain. There are no other unique natural features of water resources in the project area.
Vegetation and Wildlife	<b>No Impact Anticipated</b>	The project will have no adverse effects on vegetation and/or wildlife. Most of the construction will take place inside the building. There will be minimal ground disturbance inside the fenced-in area that houses the water treatment facility, and no habitats will be adversely affected.
Other Factors	<b>No Impact Anticipated</b>	There are no other impacts anticipated from the project.