



U.S. Department of Housing and Urban
Development
451 Seventh Street, SW
Washington, DC 20410
www.hud.gov
espanol.hud.gov

**Tiered Environment Review
for Activity/Project that is
Categorically Excluded Subject to Section 58.5
Pursuant to 24 CFR 58.35(a)**

Project Information

Project Name: Lead-Hazard-Reduction---Weatherization-Assistance-Program

HEROS Number: 900000010184540

Responsible Entity (RE): DETROIT, PLANNING AND DEVELOPMENT DEPARTMENT DETROIT
MI, 48226

State / Local Identifier: Detroit, Michigan

RE Preparer: Kim Siegel

Certifying Officer: Julie Schneider

Grant Recipient (if different than Responsible Entity): Wayne Metropolitan Community Action
Agency

Point of Contact: Karen MacDonald

Consultant (if applicable):

Point of Contact:

Project Location: Detroit, MI

Additional Location Information:
Throughout the city of Detroit

Direct Comments to:

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

The \$1,000,000 Lead Hazard Reduction - Weatherization Assistance Program will be used to improve energy efficiency to 100 homes in the City of Detroit. The duration of the grant is from March 15, 2022 - March 14, 2025. The scope of work includes home energy audits and quality control inspections, weatherization work (attic, wall and crawlspace insulation, air sealing and health and safety improvements), furnace cleaning and

tunes, furnace and water heater replacements and occasionally plumbing, electrical or clean-out services.

Maps, photographs, and other documentation of project location and description:

Approximate size of the project area: more than 1 square mile

Length of time covered by this review: 5 Years

Maximum number of dwelling units or lots addressed by this tiered review:
100

Level of Environmental Review Determination:

Categorically Excluded per 24 CFR 58.35(a), and subject to laws and authorities at §58.5:
58.35(a)(3)

Determination:

	Extraordinary circumstances exist and this project may result in significant environmental impact. This project requires preparation of an Environmental Assessment (EA); OR
✓	There are no extraordinary circumstances which would require completion of an EA, and this project may remain CEST.

Approval Documents:

7015.15 certified by Certifying Officer on:

7015.16 certified by Authorizing Officer on:

Funding Information

Grant Number	HUD Program	Program Name
MILHH0010-21	Healthy Homes and Lead Hazard Control	

Estimated Total HUD Funded Amount: \$1,000,000.00

Estimated Total Project Cost [24 CFR 58.2 (a) (5)]: \$1,000,000.00

Compliance with 24 CFR §50.4, §58.5 and §58.6 Laws and Authorities

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §50.4, §58.5, and §58.6	Was compliance achieved at the broad level of review?	Describe here compliance determinations made at the broad level and source documentation.
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR §50.4 & § 58.6		
Airport Hazards	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	The Coleman A. Young International Airport is located within the corporate limits of the City of Detroit. However, there are no residential structures located within the Runway Clear Zone, and the project will not provide assistance, subsidy or insurance for any other covered activity within a Runway Clear Zone (Attachment A).
Coastal Barrier Resources Act	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	There are no coastal barriers within the City of Detroit. Therefore, this project is not expected to affect any resource within the Coastal Barrier Resource System. Consultation with the U.S. Fish and Wildlife Service is not required for this project (Attachment B).
Flood Insurance	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR §50.4 & § 58.5		
Air Quality	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	According to the attached MDEQ air quality attainment map, a corridor that runs along I-75 extending east to the shoreline border is designated nonattainment for Sulfur Dioxide (SO ₂) and all of Wayne County is nonattainment for ozone. However, the project scope does not include new construction or conversion of land use facilitating the development of public, commercial, or industrial facilities. Therefore the project is in compliance with the Clean Air Act without further evaluation (Attachment C).
Coastal Zone Management Act	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project may provide financial assistance to address existing residential structures located within the Coastal Zone Management Area. The City of Detroit submitted this project to the Michigan Department of Environmental Quality (MDEQ) for review and

		evaluation. In a letter dated September 23, 2014, the Water Resources Division of MDEQ anticipates that the proposed project will result in no adverse effect on coastal resources, provided that the City obtain/issue all required permits. As such, the MDEQ determined that the project is consistent with the State Coastal Management Plan (Attachment D).
Contamination and Toxic Substances	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Endangered Species Act	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project will provide financial assistance existing residential structures in the highly urbanized area. This project does not involve new construction or expansion of an existing structure which could disturb natural vegetation or critical habitat. Therefore, this project will have no effect on a listed or proposed endangered or threatened species. Consultation with the U.S. Fish and Wildlife Service or the State of Michigan Department of Natural Resources is not required for this project (Attachment E).
Explosive and Flammable Hazards	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project provides financial assistance to address existing residential structures within the City of Detroit. This project does not increase residential densities, convert structures to residential use, or make any vacant structure suitable for habitation. Therefore, this project does not meet the definition of a "HUD assisted project," and the project is not subject to the regulatory requirements identified above (Attachment F).
Farmlands Protection	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	The City of Detroit is located within an urbanized area as defined by the U.S. Census Bureau. Therefore, this project will not affect any prime or unique farmland, and this project is not subject to the statutory or regulatory requirements identified above, per 7 CFR 658.2(a) (Attachment G).
Floodplain Management	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Historic Preservation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Noise Abatement and Control	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project provides financial assistance to address with existing residential structures. In accordance with 24 CFR 51.101(a)(5), the City of Detroit shall encourage appropriate noise attenuation features where unacceptable or normally unacceptable noise exposure is an identified concern. However, this project does not involve the construction of new housing, and the noise assessment standards set forth in 24 CFR 51.101(a)(3) do not apply to this project.
Sole Source Aquifers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	There are no sole source aquifers, as designated by the U.S. Environmental Protection Agency (U.S. EPA), within Southeast Michigan. Therefore, this project will not adversely affect any sole source aquifer.
Wetlands Protection	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project will provide financial assistance to address existing residential structures. This project does not provide financial assistance for new construction or expansion of an existing structure which may fill or otherwise degrade a wetland. Therefore, this project does not meet the applicability standards articulated in Sections 1(a) or 2(a) of Executive Order 11990. This project is not required to follow the 8 Step Decision Making Process outlined in 24 CFR 55.20 (Attachment J).
Wild and Scenic Rivers Act	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	There are no designated or proposed wild and scenic rivers within or near Southeast Michigan. Therefore, this project will not affect the water or related land resources of a designated or proposed wild and scenic river. Consultation with a Federal agency is not required for this project.
ENVIRONMENTAL JUSTICE		
Environmental Justice	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	This project will address existing residential structures for income-eligible households. Provided compliance with the Tier II Environmental Review

		<p>protocols, these actions do not present any disproportionately adverse environmental impact. Therefore, this project will not raise any environmental justice concerns.</p>
--	--	--

Supporting documentation

- [Attachment C - Air Quality.pdf](#)
- [Attachment B - Coastal Barriers.pdf](#)
- [Attachment D - Coastal Zone Map.pdf](#)
- [Attachment E - Endangered Species Worksheet.pdf](#)
- [Attachment G - Farmland Worksheet.pdf](#)
- [Attachment H - Sole Source Aquifer.pdf](#)
- [Attachment I - Wetlands.pdf](#)
- [Attachment J - Wild and Scenic Rivers.pdf](#)
- [Attachment A - RCZ.pdf](#)
- [Attachment F - Explosives Worksheet.pdf](#)

Written Strategies

The following strategies provide the policy, standard, or process to be followed in the site-specific review for each law, authority, and factor that will require completion of a site-specific review.

1	Flood Insurance
	<p>All site-specific reviews must include a FEMA FIRM map with the project site clearly marked. If the project structures are located in a FEMA Special Flood Hazard Area (SFHA), the project must provide proof of flood insurance. This may be either a copy of the flood insurance policy declaration, or a paid receipt for the current annual flood insurance premium and a copy of the application for flood insurance.</p>
2	Contamination and Toxic Substances
	<p>Site-specific reviews must include a review of previous uses of the site and other evidence of contamination on or near the site to assure the proposed occupants are not impacted by any of these hazards. For each proposed site, the environmental review preparer will provide a report of nearby toxic sites and releases using EPA's Envirofacts, NEPAassist, or a similar resource provided by the tribal environmental or planning agency/department. Site-specific environmental review preparers will also provide documentation on previous uses of the site, to the extent possible. HUD will use the information provided to determine whether there is evidence of toxics or contamination. These steps may involve mitigation, further evaluation, or rejection of the project.</p>
3	Floodplain Management
	<p>Site-specific environmental review preparer will provide a Flood Insurance Rate Map (FIRM) if available, with the project site clearly marked for each proposed project site. If the project site is located in a floodplain, the property owner will be required to provide proof of flood insurance coverage or be rejected from the program.</p>
4	Historic Preservation

	Site specific reviews must consider whether the action will affect historic resources. For each proposed site, the City of Detroit Housing & Revitalization Department will consult with the Michigan State Historic Preservation Office to determine National Register of Historic Places listing eligibility and conduct design review as necessary.
--	--

Supporting documentation

[Tier II Single Family Programs.docx](#)

APPENDIX A: Site Specific Reviews

Runway Clear Zone

Coleman A Young International Airport



Google Earth

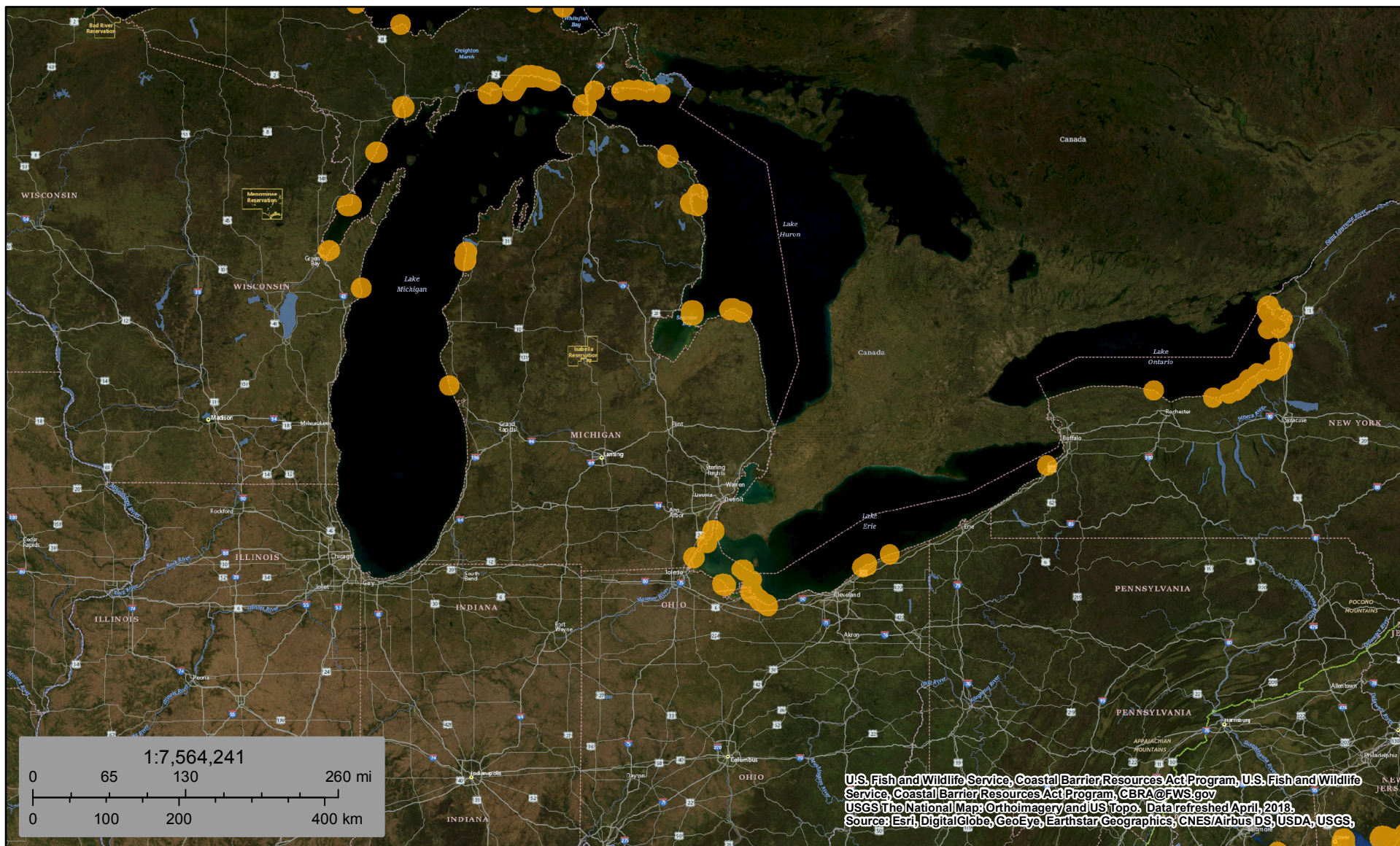
4000 ft





U.S. Fish and Wildlife Service Coastal Barrier Resources System

CBRS



February 1, 2019

 CBRS Units

This map is for general reference only. The Coastal Barrier Resources System (CBRS) boundaries depicted on this map are representations of the controlling CBRS boundaries, which are shown on the official maps, accessible at <https://www.fws.gov/cbra/maps/index.html>. All CBRS related data should be used in accordance with the layer metadata found on the CBRS Mapper website.

The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (<http://www.fws.gov/cbra/Determinations.html>) as to whether the property or project site is located "in" or "out" of the CBRS.

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward extent of the units is not shown in the CBRS mapper.

Attainment Status for the National Ambient Air Quality Standards





The National Ambient Air Quality Standards (NAAQS) are health-based pollution standards set by EPA.

Areas of the state that are below the NAAQS concentration level are called attainment areas. The entire state of Michigan is in attainment for the following pollutants:

- Carbon Monoxide
- Lead
- Nitrogen Dioxide
- Particulate Matter

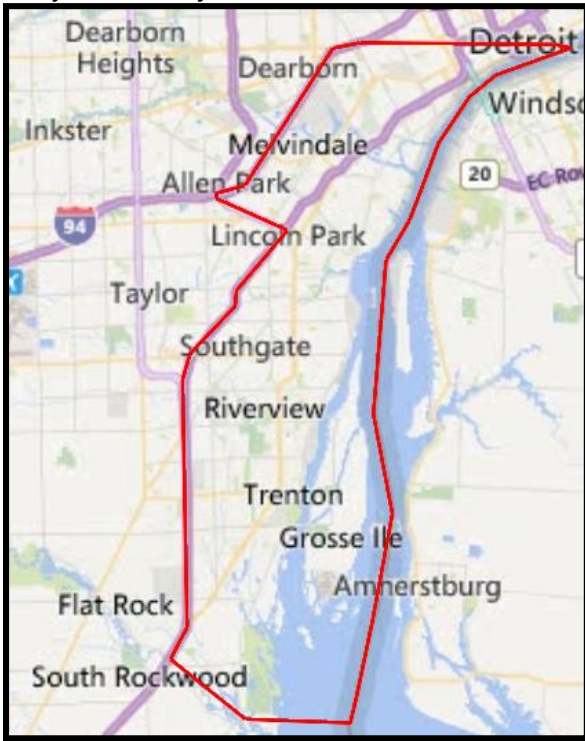
Non-attainment areas are those that have concentrations over the NAAQS level. Portions of the state are in non-attainment for sulfur dioxide and ozone (see map). Nonattainment status for ozone will be effective in late summer 2018.

LEGEND		See Page 2 for close-up maps of partial county nonattainment areas
 Sulfur Dioxide Nonattainment Area	 Ozone Nonattainment Area	

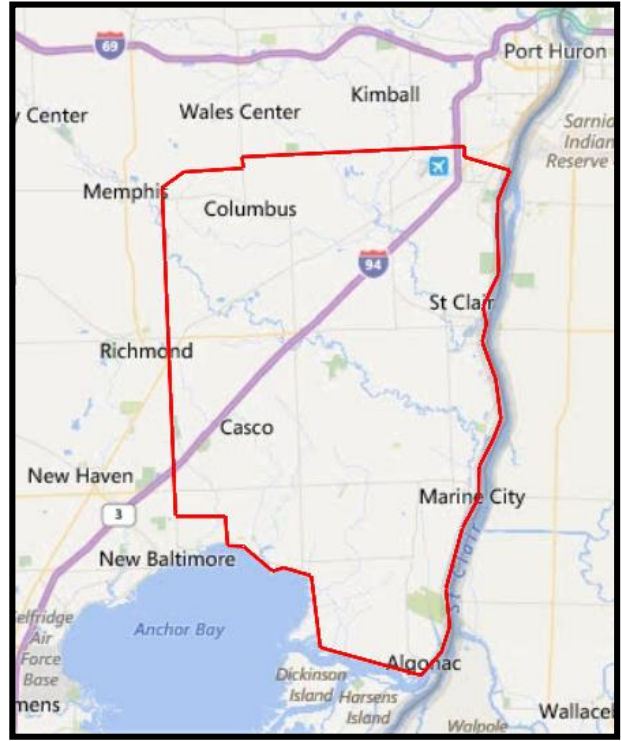
Close-Up Maps of Partial County Nonattainment Areas

Sulfur Dioxide Nonattainment Areas

Wayne County Area

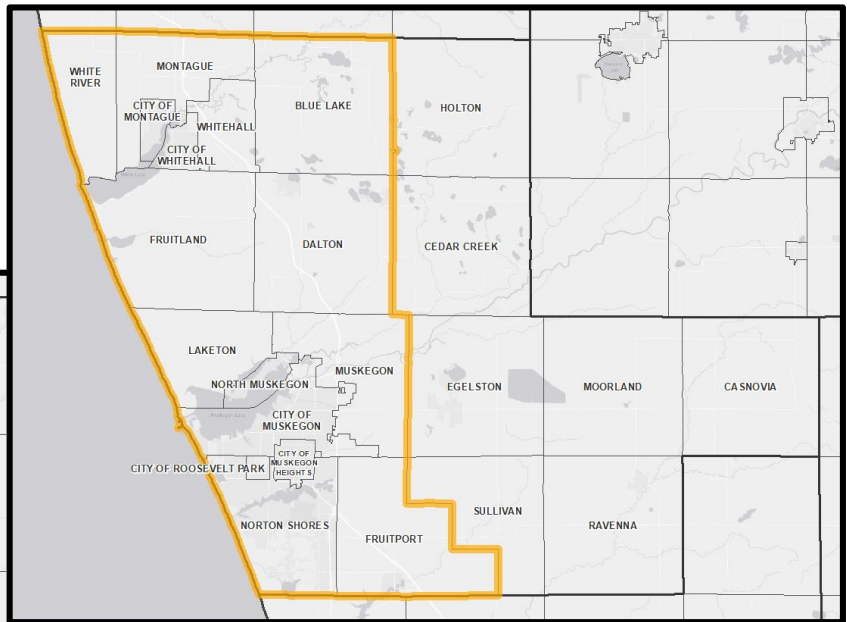
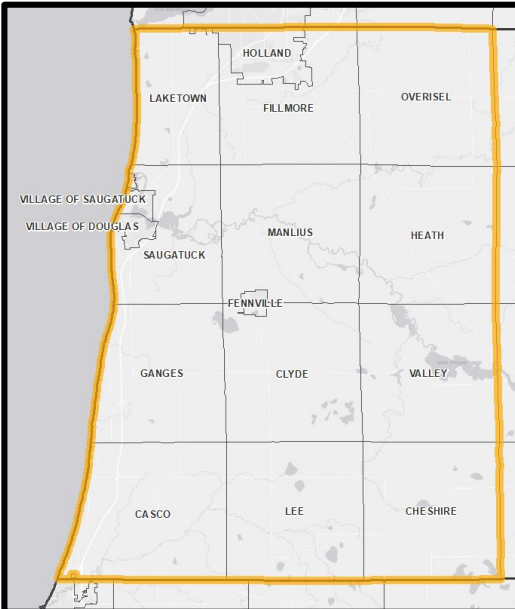


St. Clair County Area

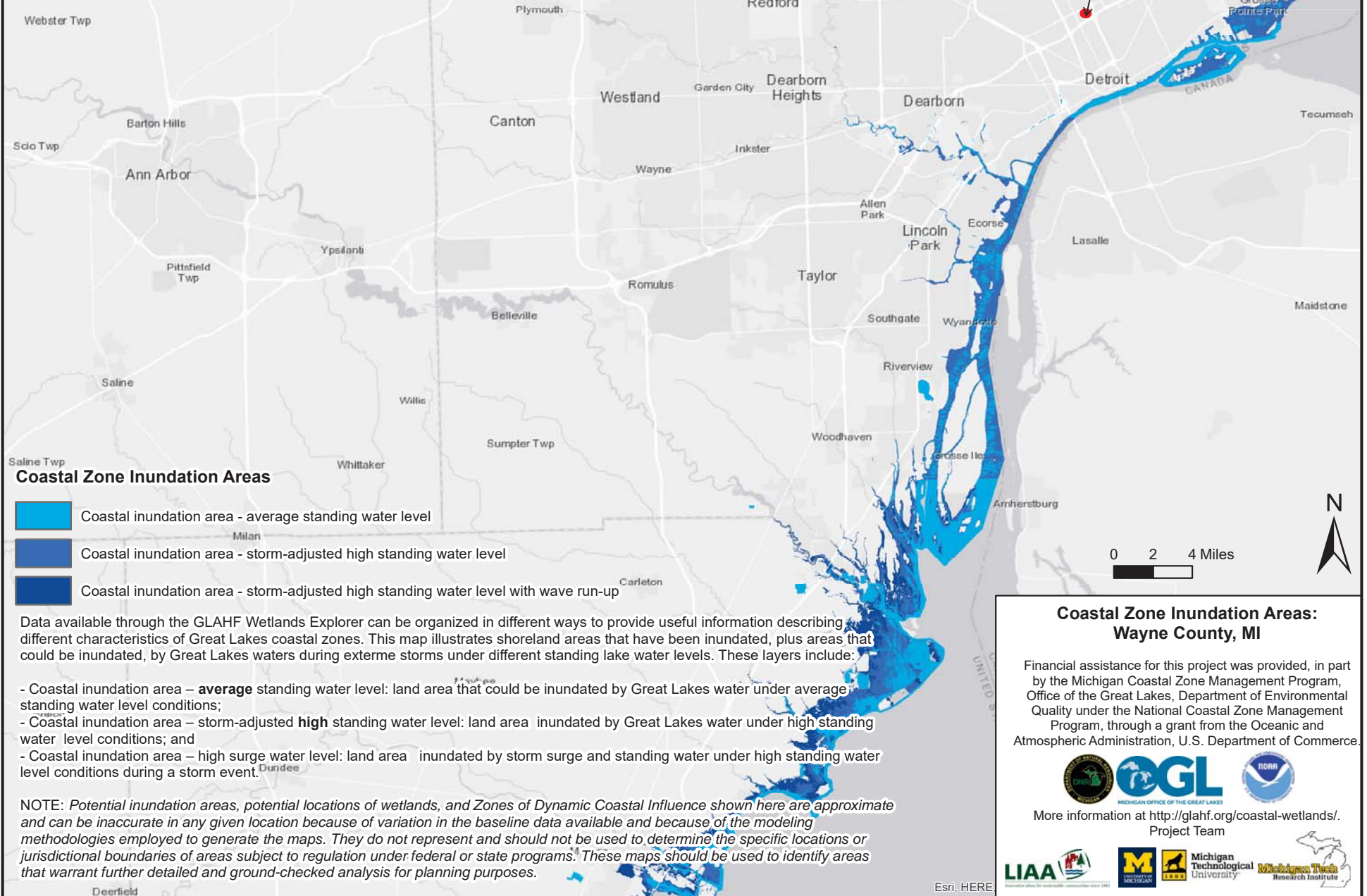


Ozone Nonattainment Areas

Allegan County Area



Muskegon County Area



Coastal Zone Inundation Areas

- Coastal inundation area - average standing water level
- Coastal inundation area - storm-adjusted high standing water level
- Coastal inundation area - storm-adjusted high standing water level with wave run-up

Data available through the GLAHF Wetlands Explorer can be organized in different ways to provide useful information describing different characteristics of Great Lakes coastal zones. This map illustrates shoreland areas that have been inundated, plus areas that could be inundated, by Great Lakes waters during extreme storms under different standing lake water levels. These layers include:

- Coastal inundation area – **average** standing water level: land area that could be inundated by Great Lakes water under average standing water level conditions;
- Coastal inundation area – storm-adjusted **high** standing water level: land area inundated by Great Lakes water under high standing water level conditions; and
- Coastal inundation area – high surge water level: land area inundated by storm surge and standing water under high standing water level conditions during a storm event.

NOTE: Potential inundation areas, potential locations of wetlands, and Zones of Dynamic Coastal Influence shown here are approximate and can be inaccurate in any given location because of variation in the baseline data available and because of the modeling methodologies employed to generate the maps. They do not represent and should not be used to determine the specific locations or jurisdictional boundaries of areas subject to regulation under federal or state programs. These maps should be used to identify areas that warrant further detailed and ground-checked analysis for planning purposes.

**Coastal Zone Inundation Areas:
Wayne County, MI**

Financial assistance for this project was provided, in part by the Michigan Coastal Zone Management Program, Office of the Great Lakes, Department of Environmental Quality under the National Coastal Zone Management Program, through a grant from the Oceanic and Atmospheric Administration, U.S. Department of Commerce.



More information at <http://glahf.org/coastal-wetlands/>.
Project Team



Endangered Species Act (CEST and EA)

General requirements	ESA Legislation	Regulations
Section 7 of the Endangered Species Act (ESA) mandates that federal agencies ensure that actions that they authorize, fund, or carry out shall not jeopardize the continued existence of federally listed plants and animals or result in the adverse modification or destruction of designated critical habitat. Where their actions may affect resources protected by the ESA, agencies must consult with the Fish and Wildlife Service and/or the National Marine Fisheries Service (“FWS” and “NMFS” or “the Services”).	The Endangered Species Act of 1973 (16 U.S.C. 1531 <i>et seq.</i>); particularly section 7 (16 USC 1536).	50 CFR Part 402
References		
https://www.hudexchange.info/environmental-review/endangered-species		

1. Does the project involve any activities that have the potential to affect species or habitats?

No, the project will have No Effect due to the nature of the activities involved in the project.
 → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.*

No, the project will have No Effect based on a letter of understanding, memorandum of agreement, programmatic agreement, or checklist provided by local HUD office.

Explain your determination:

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.*

Yes, the activities involved in the project have the potential to affect species and/or habitats. → *Continue to Question 2.*

2. Are federally listed species or designated critical habitats present in the action area?

Obtain a list of protected species from the Services. This information is available on the [FWS Website](#) or you may contact your [local FWS](#) and/or [NMFS](#) offices directly.

No, the project will have No Effect due to the absence of federally listed species and designated critical habitat.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination. Documentation*

may include letters from the Services, species lists from the Services' websites, surveys or other documents and analysis showing that there are no species in the action area.

- Yes, there are federally listed species or designated critical habitats present in the action area. → *Continue to Question 3.*

3. What effects, if any, will your project have on federally listed species or designated critical habitat?

- No Effect: Based on the specifics of both the project and any federally listed species in the action area, you have determined that the project will have absolutely no effect on listed species or critical habitat.
→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination. Documentation should include a species list and explanation of your conclusion, and may require maps, photographs, and surveys as appropriate.*

- May Affect, Not Likely to Adversely Affect: Any effects that the project may have on federally listed species or critical habitats would be beneficial, discountable, or insignificant.
→ *Continue to Question 4, Informal Consultation.*

- Likely to Adversely Affect: The project may have negative effects on one or more listed species or critical habitat.
→ *Continue to Question 5, Formal Consultation.*

4. Informal Consultation is required

Section 7 of ESA (16 USC. 1536) mandates consultation to resolve potential impacts to endangered and threatened species and critical habitats. If a HUD-assisted project may affect any federally listed endangered or threatened species or critical habitat, then compliance is required with Section 7. See 50 CFR Part 402 Subpart B Consultation Procedures.

Did the Service(s) concur with the finding that the project is Not Likely to Adversely Affect?

- Yes, the Service(s) concurred with the finding.
→ *Based on the response, the review is in compliance with this section. Continue to Question 6 and provide the following:*
- (1) A biological evaluation or equivalent document*
 - (2) Concurrence(s) from FWS and/or NMFS*
 - (3) Any other documentation of informal consultation*

Exception: If finding was made based on procedures provided by a letter of understanding, memorandum of agreement, programmatic agreement, or checklist provided by local HUD office, provide whatever documentation is mandated by that agreement.

No, the Service(s) did not concur with the finding. → Continue to Question 5.

5. Formal consultation is required

Section 7 of ESA (16 USC 1536) mandates consultation to resolve potential impacts to federally listed endangered and threatened species and critical habitats. If a HUD assisted project may affect any endangered or threatened species or critical habitat, then compliance is required with Section 7. See 50 CFR Part 402 Subpart B Consultation Procedures.

→ Once consultation is complete, the review is in compliance with this section. Continue to Question 6 and provide the following:

- (1) A biological assessment, evaluation, or equivalent document
- (2) Biological opinion(s) issued by FWS and/or NMFS
- (3) Any other documentation of formal consultation

6. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the proposed measures that will be implemented to mitigate for the impact or effect, including the timeline for implementation.

Mitigation as follows will be implemented:

No mitigation is necessary.

Explain why mitigation will not be made here:

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

This project does not involve activities which may disturb natural vegetation or critical habitat. The project is located in a highly urbanized residential area. Additionally, the actions will be completed on developed homes. Therefore, this project will have no effect on listed or proposed endangered or threatened species. Consultation with the U.S. Fish and Wildlife Service or the State of Michigan Department of Natural Resources is not required.

Explosive and Flammable Hazards (CEST and EA)

General requirements	Legislation	Regulation
HUD-assisted projects must meet Acceptable Separation Distance (ASD) requirements to protect them from explosive and flammable hazards.	N/A	24 CFR Part 51 Subpart C
Reference		
https://www.hudexchange.info/environmental-review/explosive-and-flammable-facilities		

1. Is the proposed HUD-assisted project itself the development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?

No

→ Continue to Question 2.

Yes

Explain:

→ Go directly to Question 5.

2. Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?

No

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.

Yes

→ Continue to Question 3.

3. Within 1 mile of the project site, are there any current *or planned* stationary aboveground storage containers that are covered by 24 CFR 51C? Containers that are NOT covered under the regulation include:

- Containers 100 gallons or less in capacity, containing common liquid industrial fuels OR
- Containers of liquified petroleum gas (LPG) or propane with a water volume capacity of 1,000 gallons or less that meet the requirements of the 2017 version of National Fire Protection Association (NFPA) Code 58.

If all containers within the search area fit the above criteria, answer “no.” For any other type of aboveground storage container within the search area that holds one of the

flammable or explosive materials listed in Appendix I of 24 CFR part 51 subpart C, answer “yes.”

No

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide all documents used to make your determination.*

Yes

→ *Continue to Question 4.*

4. Visit HUD’s website to identify the appropriate tank or tanks to assess and to calculate the required separation distance using the [electronic assessment tool](#). To document this step in the analysis, please attach the following supporting documents to this screen:

- **Map identifying the tank selected for assessment, and showing the distance from the tank to the proposed HUD-assisted project site; and**
- **Electronic assessment tool calculation of the required separation distance.**

Based on the analysis, is the proposed HUD-assisted project site located at or beyond the required separation distance from all covered tanks?

Yes

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

No

→ *Go directly to Question 6.*

5. Is the hazardous facility located at an acceptable separation distance from residences and any other facility or area where people may congregate or be present?

Please visit HUD’s website for information on calculating Acceptable Separation Distance.

Yes

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.*

No

→ *Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.
Continue to Question 6.*

6. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Mitigation measures may include both natural and manmade barriers, modification of the project design, burial or removal of the hazard, or other engineered solutions. Describe selected mitigation measures, including the timeline for implementation, and attach an implementation plan. If negative effects cannot be mitigated, cancel the project at this location.

Note that only licensed professional engineers should design and implement blast barriers. If a barrier will be used or the project will be modified to compensate for an unacceptable separation distance, provide approval from a licensed professional engineer.

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

This project provides financial assistance to address existing residential structures within the City of Detroit. This project is not the development of a hazardous facility and does not increase residential densities, convert structures to residential use, or make any vacant structure suitable for habitation. Therefore, no further action is required.

Are formal compliance steps or mitigation required?

- Yes
- No

Farmlands Protection (CEST and EA)

General requirements	Legislation	Regulation
The Farmland Protection Policy Act (FPPA) discourages federal activities that would convert farmland to nonagricultural purposes.	Farmland Protection Policy Act of 1981 (7 U.S.C. 4201 et seq.)	7 CFR Part 658
Reference		
https://www.hudexchange.info/environmental-review/farmlands-protection		

1. Does your project include any activities, including new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use?

- Yes → *Continue to Question 2.*
 No

Explain how you determined that agricultural land would not be converted:

The project involves work on existing single-family residential homes within the City of Detroit. Therefore, agricultural land will not be converted.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documentation supporting your determination.*

2. Does “important farmland,” including prime farmland, unique farmland, or farmland of statewide or local importance regulated under the Farmland Protection Policy Act, occur on the project site?

You may use the links below to determine important farmland occurs on the project site:

- Utilize USDA Natural Resources Conservation Service’s (NRCS) Web Soil Survey <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm>
- Check with your city or county’s planning department and ask them to document if the project is on land regulated by the FPPA (zoning important farmland as non-agricultural does not exempt it from FPPA requirements)
- Contact NRCS at the local USDA service center <http://offices.sc.egov.usda.gov/locator/app?agency=nrcs> or your NRCS state soil scientist http://soils.usda.gov/contact/state_offices/ for assistance

No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.*

Yes → *Continue to Question 3.*

3. Consider alternatives to completing the project on important farmland and means of avoiding impacts to important farmland.

- Complete form **AD-1006**, "Farmland Conversion Impact Rating" http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1045394.pdf and contact the state soil scientist before sending it to the local NRCS District Conservationist.
(NOTE: for corridor type projects, use instead form **NRCS-CPA-106**, "Farmland Conversion Impact Rating for Corridor Type Projects: http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1045395.pdf.)
- Work with NRCS to minimize the impact of the project on the protected farmland. When you have finished with your analysis, return a copy of form AD-1006 (or form NRCS-CPA-106 if applicable) to the USDA-NRCS State Soil Scientist or his/her designee informing them of your determination.

Document your conclusion:

- Project will proceed with mitigation.

Explain in detail the proposed measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide form AD-1006 and all other documents used to make your determination.*

- Project will proceed without mitigation.

Explain why mitigation will not be made here:

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide form AD-1006 and all other documents used to make your determination.*

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

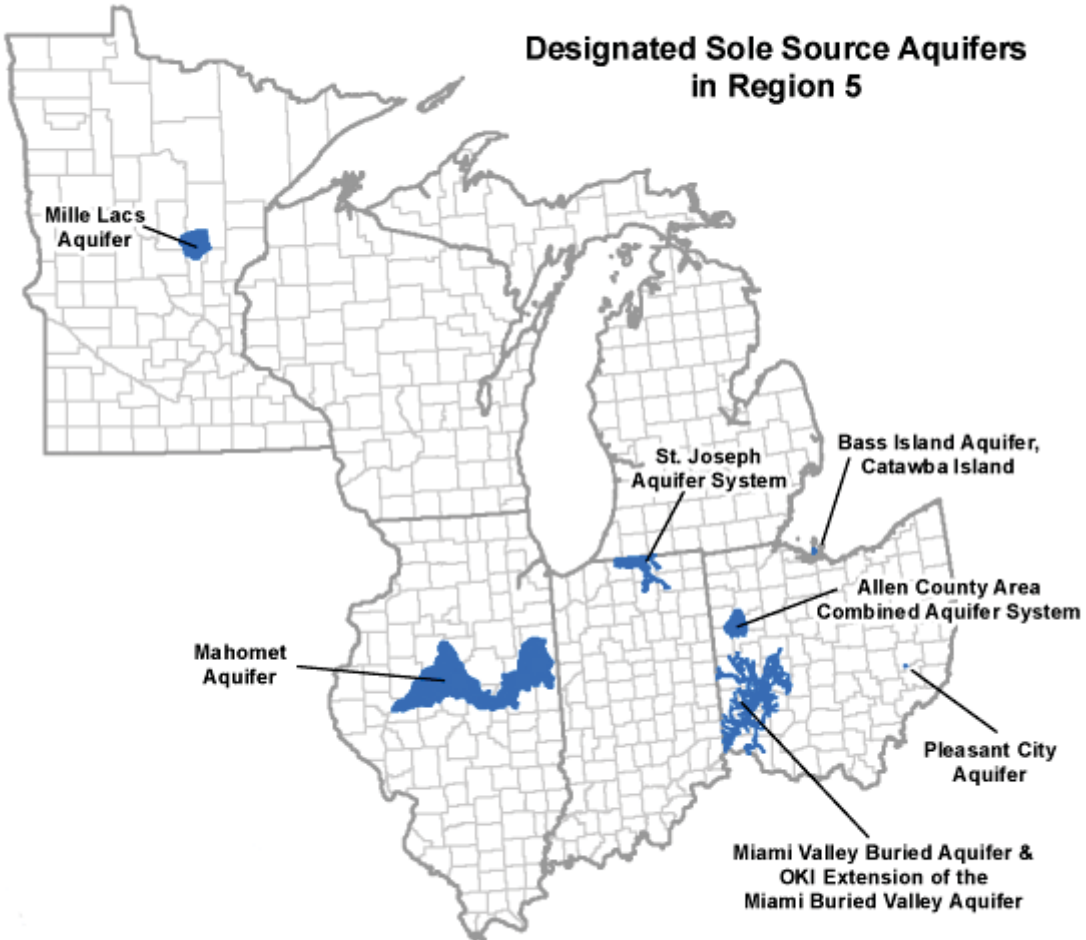
The City of Detroit is located within an urbanized area as defined by the U.S. Census Bureau. The project involves work on existing single-family residential homes within the City of Detroit. Therefore, this project will not impact any prime or unique farmland.

Are formal compliance steps or mitigation required?

Yes

No

**Designated Sole Source Aquifers
in Region 5**



Are formal compliance steps or mitigation required?

Yes

No

Wetlands (CEST and EA)

General requirements	Legislation	Regulation
Executive Order 11990 discourages that direct or indirect support of new construction impacting wetlands wherever there is a practicable alternative. The Fish and Wildlife Service's National Wetlands Inventory can be used as a primary screening tool, but observed or known wetlands not indicated on NWI maps must also be processed. Off-site impacts that result in draining, impounding, or destroying wetlands must also be processed.	Executive Order 11990	24 CFR 55.20 can be used for general guidance regarding the 8 Step Process.
References		
https://www.hudexchange.info/environmental-review/wetlands-protection		

1. Does this project involve new construction as defined in Executive Order 11990, expansion of a building's footprint, or ground disturbance?

The term "new construction" shall include draining, dredging, channelizing, filling, diking, impounding, and related activities and any structures or facilities begun or authorized after the effective date of the Order.

No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

Yes → *Continue to Question 2.*

2. Will the new construction or other ground disturbance impact an on- or off-site wetland?

The term "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. Wetlands under E.O. 11990 include isolated and non-jurisdictional wetlands.

No, a wetland will not be impacted in terms of E.O. 11990's definition of new construction.
→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map or any other relevant documentation to explain your determination.*

Yes, there is a wetland that be impacted in terms of E.O. 11990's definition of new construction.

→ You must determine that there are no practicable alternatives to wetlands development by completing the 8-Step Process.

Provide a completed 8-Step Process as well as all documents used to make your determination, including a map. Be sure to include the early public notice and the final notice with your documentation.

Continue to Question 3.

- 3. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.**

Which of the following mitigation actions have been or will be taken? Select all that apply:

- 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
- Natural Resources Conservation Service conservation easements
- Compensatory mitigation

Worksheet Summary

Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project does not involve new construction. Therefore, the project is in compliance with Executive Order 11990.

Are formal compliance steps or mitigation required?

Yes

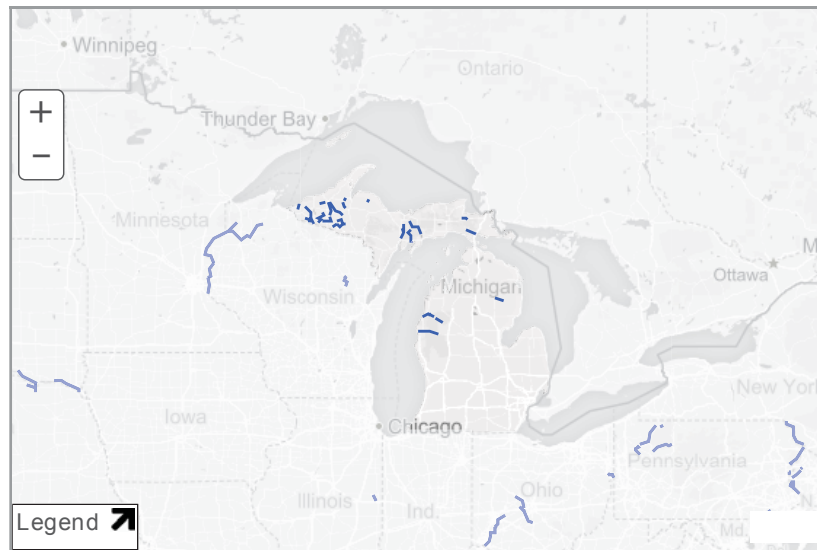
No



HOME | NATIONAL SYSTEM | MANAGEMENT | RESOURCES | PUBLICATIONS | CONTACT US | 50 YEARS |

MICHIGAN

Michigan has approximately 51,438 miles of river, of which 656.4 miles are designated as wild & scenic—just a bit more than 1% of the state's river miles.



Choose A State ▾ Go
Choose A River ▾ Go

Nourished by the fertile soils of the region, rivers of the Midwest explode with life, from great avian migrations to ancient fishes.

[+ View larger map](#)

- AuSable River
- Bear Creek
- Black River
- Carp River
- Indian River
- Manistee River
- Ontonagon River
- Paint River
- Pere Marquette River
- Pine River
- Presque Isle River
- Sturgeon River (Hiawatha National Forest)
- Sturgeon River (Ottawa National Forest)
- Tahquamenon River (East Branch)
- Whitefish River
- Yellow Dog River