

Office of Community Development

2013 Housing Conference

November 21, 2013

Environmental Review

Tim Allen

Office of Community Development
Training and Technical Assistance



Development
Services Agency

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http://development.ohio.gov/cs/cs_traintech.htm

Community | **Training and Technical Assistance**

Community

OCD Summer Update

2013 Lead-Based Paint
Abatement Training Program

Affordable Housing Programs

Community Development Block
Grant Programs (CDBG)

Homelessness and Supportive
Housing Programs

New Horizons Fair Housing
Program Application

Ohio Consolidated Plan

Program Policy Notices

Contact

Training and Technical Assistance

Ohio Development Services Agency (ODSA) programs that include U.S. Department of Housing and Urban Development (HUD) funds are subject to federal requirements and standards. These requirements pertain specifically to the Agency's Office of Community Development (OCD) programs that distribute Community Development Block Grant (CDBG), HOME Investment Partnership (HOME), Emergency Solutions Grant (ESG) and Housing Opportunities for Persons with AIDS (HOPWA) funds. Recipients of HUD assistance must adhere to applicable federal laws, regulations, and standards included in the following categories:

- o Environmental Review
- o Civil Rights and Fair Housing
- o Federal Labor Standards
- o Uniform Relocation Act & Section 104(d) – Acquisition, Relocation, and Demolition
- o Procurement & Contract Management

Contact OCD Training and Technical Assistance staff with any questions concerning federal or state requirements for OCD programs.

Contact

Office of Community Development
(614) 466-2285

http://development.ohio.gov/cs/cs_traintech.htm



Community | Environmental Review

Community

2013 Lead-Based Paint Abatement Training Program

Training and Technical Assistance

Environmental Review

Civil Rights and Fair Housing

Federal Labor Standards

Uniform Relocation Act & Section 104(d) – Acquisition, Relocation, and Demolition

Procurement & Contract Management

Affordable Housing

Community Development Block Grant

Homelessness and Supportive Housing

Environmental Review

Environmental Review Requirements for HUD-funded Programs

The Ohio Development Services Agency (ODSA) administers programs that include U.S. Department of Housing and Urban Development (HUD) funds which are subject to federal environmental review requirements. These requirements pertain specifically to ODSA's Office of Community Development (OCD) programs that distribute Community Development Block Grant (CDBG), HOME Investment Partnership (HOME), Emergency Solutions Grant (ESG) and Housing Opportunities for Persons with AIDS (HOPWA) funds.

HUD's environmental regulations, codified at 24 CFR Part 58, describe procedures for compliance with the National Environmental Policy Act (NEPA) and related federal laws and authorities. This page contains forms, information sheets and other technical assistance documents to help grantees successfully meet their federal environmental review obligations.

- ▶ Environmental Review Technical Assistance
- ▶ Exempt Activity Toolkit
- ▶ Categorical Exclusion Subject to Section 58.5 Activity Toolkit
- ▶ Categorical Exclusion Subsequently Exempt Activity Toolkit
- ▶ Categorical Exclusion Not Subject to Section 58.5 Activity Toolkit
- ▶ Environmental Assessment Activity Toolkit
- ▶ Continued Relevance Activity Toolkit
- ▶ Additional Notice Formats

Contact

Office of Community Development
(614) 466-2285

Community | Environmental Review

Community

☐ 2013 Lead-Based Paint Abatement Training Program

☐ Training and Technical Assistance

Environmental Review

Civil Rights and Fair Housing

Federal Labor Standards

Uniform Relocation Act & Section 104(d) – Acquisition, Relocation, and Demolition

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Environmental Review

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- ▶ Environmental Review Technical Assistance
- ▶ Exempt Activity Toolkit
- ▼ Categorical Exclusion Subject to Section 58.5 Activity Toolkit

- Environmental Review Information Sheet: Categorical Exclusions Subject to Section 58.5 [24 CFR 58.35(a)] (PDF)
- Categorical Exclusion Subject to Section 58.5 Worksheet **NEW** (DOCX)
- Field Notes Checklist (DOC)
- HUD Site-Specific Field Contamination Checklist (PDF) **NEW**
- Notice of Intent to Request Release of Funds (DOC)
- Request For Release of Funds and Certification (DOC)

- ▶ Categorical Exclusion Subsequently Exempt Activity Toolkit
- ▶ Categorical Exclusion Not Subject to Section 58.5 Activity Toolkit

Contact

Office of Community Development
(614) 466-2285

Environment

This web page provides information on environmental review requirements for HUD programs and the projects they fund in communities across the country. HUD-funded projects vary widely as to their complexity, and there are different levels of environmental review triggered by different kinds of projects.

Environmental Contacts

HUD has expert staff in locations around the country to assist persons involved in the environmental review of HUD-funded projects.

[more...](#)

Environmental Impact Statements

Find out about Environmental Impact Statements

[more...](#)

Environmental Review Requirements

Find out about Environmental Review

[more...](#)

Laws Regulations

A detailed listings of the [Laws](#) (U.S. Code) and the [Regulations](#) (Code of Federal Regulations) as well as Executive Orders and any policies that are adopted to govern the administering of HUD programs with regard to the environment.

[more...](#)

Tools

Assessment Tools for Environmental Compliance

Find out about Assessment Tools for Environmental Compliance (ATEC)

Resource Library

Links to various environmental resources and reference material.

[more...](#)

Training

Find out about local Environment information.

[more...](#)



www.hud.gov

Assessment Tools for Environmental Compliance

The Environmental Planning Division has created the Assessment Tools for Environmental Compliance (ATEC), a collection of guidance documents, calculators, checklists, and databases that addresses the "related federal laws and authorities." ATEC is intended to help grantees meet their compliance responsibilities and complete their environmental review with greater ease and efficiency.

It also aids users in achieving the Department's goal of providing a safe, suitable living environment. Another available resource is the local [Environmental Officer \(EO\)](#), who can help identify additional resources, answer questions, and explain requirements.

Please send questions or comments to ATEC@hud.gov

To access the various tools, click on the subject matter links in the logo above or the hyperlinks below.

[Airport Clear Zones](#)

[Air Quality](#)

[Coastal Areas Protection](#)

[Coastal Areas Protection Q A's](#)

[Coastal Barriers Resource Act Training Module](#)

[U.S. Fish and Wildlife Service](#) (Coastal Barrier Resources System)

[Coastal Zone Management](#)

[Coastal Zone Management Act Guidance](#)

[Coastal Zone Management Act State Contacts](#)

[Endangered Species](#)

[Environmental Justice](#)

[Farmlands Protection](#)

[Explosive and Flammables](#)

[Floodplain Management and Wetlands Protection](#)

[Hazardous Substances](#)

[Acceptable Separation Distance Calculator](#)

[Hazard Mitigation Module](#)

[Hazardous Facilities Guidebook](#)

[Historic Preservation](#)

[Historic Preservation Basics - Section 106 Compliance and HUD](#)

[Historic Property Identification](#)

[Neighborhood Stabilization Program Section 106 Toolkit](#)

[Section 106 Guidance for NSP Land Banking](#)

[Section 106 Checklist](#)

[Section 106 Flowchart](#)

[Section 106 Agreement Database](#)

[Tribal Directory Assessment Tool \(TDAT\)](#)



Clean Air Act Compliance



Applying HUD's Floodplain Management and Wetlands Protection Standards

Office of Environment and Energy



Protecting Our Natural Resources

Complying with the Wild and Scenic
Rivers Act, Farmland Protection Policy
Act, and Endangered Species Act



Basics of a Part 58 Review

Office of Environment and Energy



Historic Preservation and HUD Opportunities for Development and Protection

Nancy E. Boone

September 12, 2012

NATIONAL ENVIRONMENTAL POLICY ACT



Evaluating Site Contamination for HUD Projects

August 22, 2012 Webinar

HUD Office of Environment and Energy
Paul Mohr, Nelson Rivera, and Kathryn Au



Site Planning and Feasibility

Considering Environmental Issues Early in the Process

Office of Environment and Energy
James Potter and Lauren McNamara



Environmental Justice at HUD

Why, What, and How

Training Outline

- Levels of Environmental Review
- New Forms!
- Tiered Environmental Review for CHIP Activities
- Eligible Activities: Levels of Review
- Compliance Areas

Environmental Review Background

- National Environmental Policy Act of 1969, as amended
- Housing and Community Development Act of 1974
- HUD ER Regulations: 24 CFR Part 58_

Other Environmental Laws



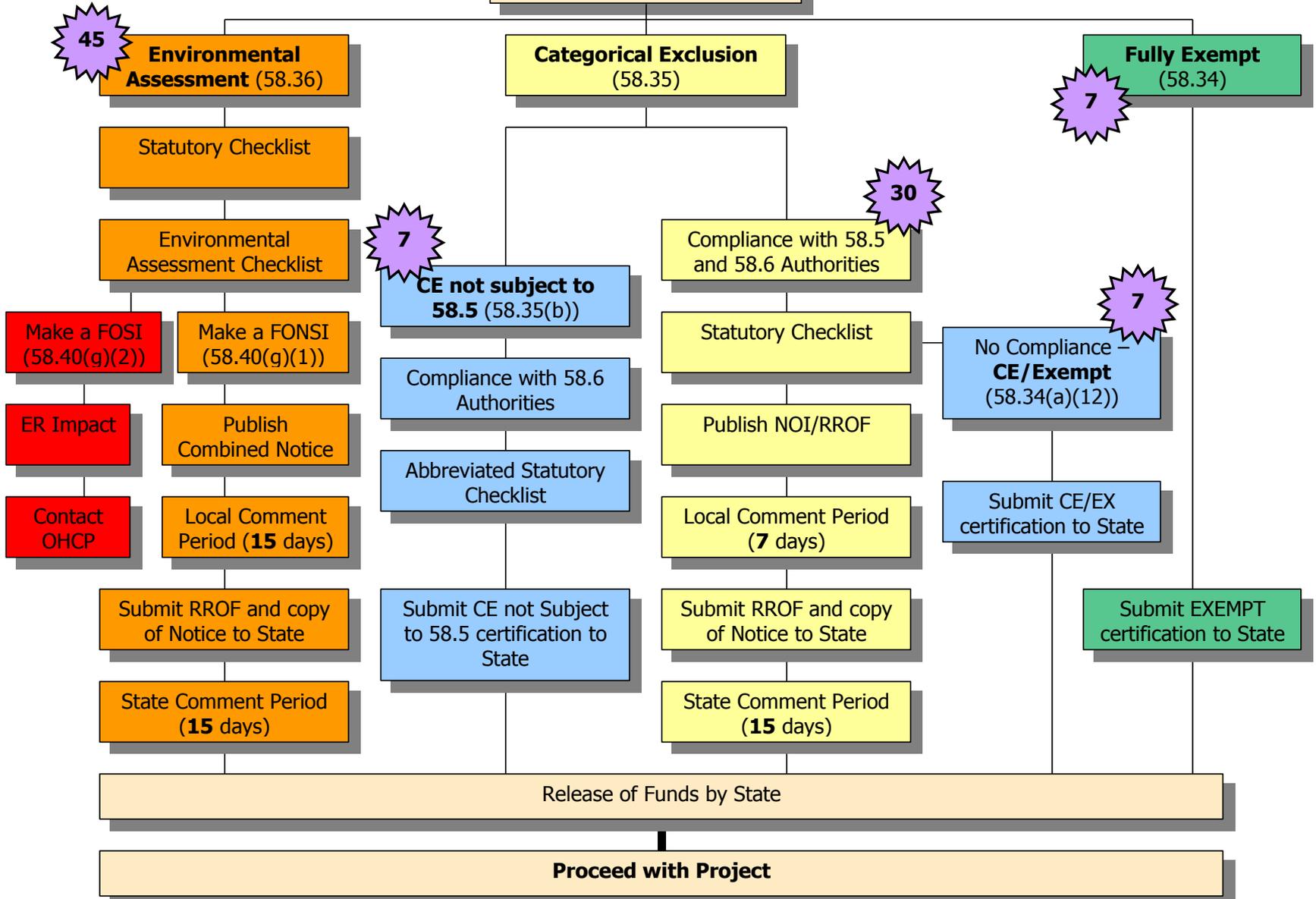
- Floodplain Management: 1977
- Wild and Scenic Rivers: 1968
- Wetlands: 1977
- Farmlands Protection Policy Act: 1981
 - Clean Air Act: 1970
 - Sole Source Aquifers: 1974
- Endangered Species Act: 1973
- National Historic Preservation Act: 1966

ER Overview

- Project Scope
- Determine Level of Environmental Review
- Conduct Environmental Review
- Public Notices
- RROF and/or Certification

Project Aggregation (58.32)
Define Projects for Review

 **Approximate # of days to get release once initial review has been completed**



Determine Scope of Project

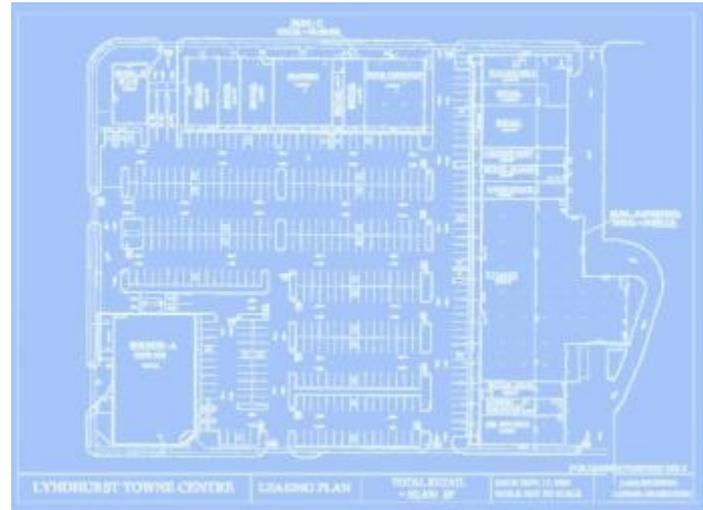
- Identify Activities
- Aggregate Related Activities for ER
(per 24 CFR 58.32)

Determine Level of Review

- Exempt
- Categorical Exclusion
- Environmental Assessment

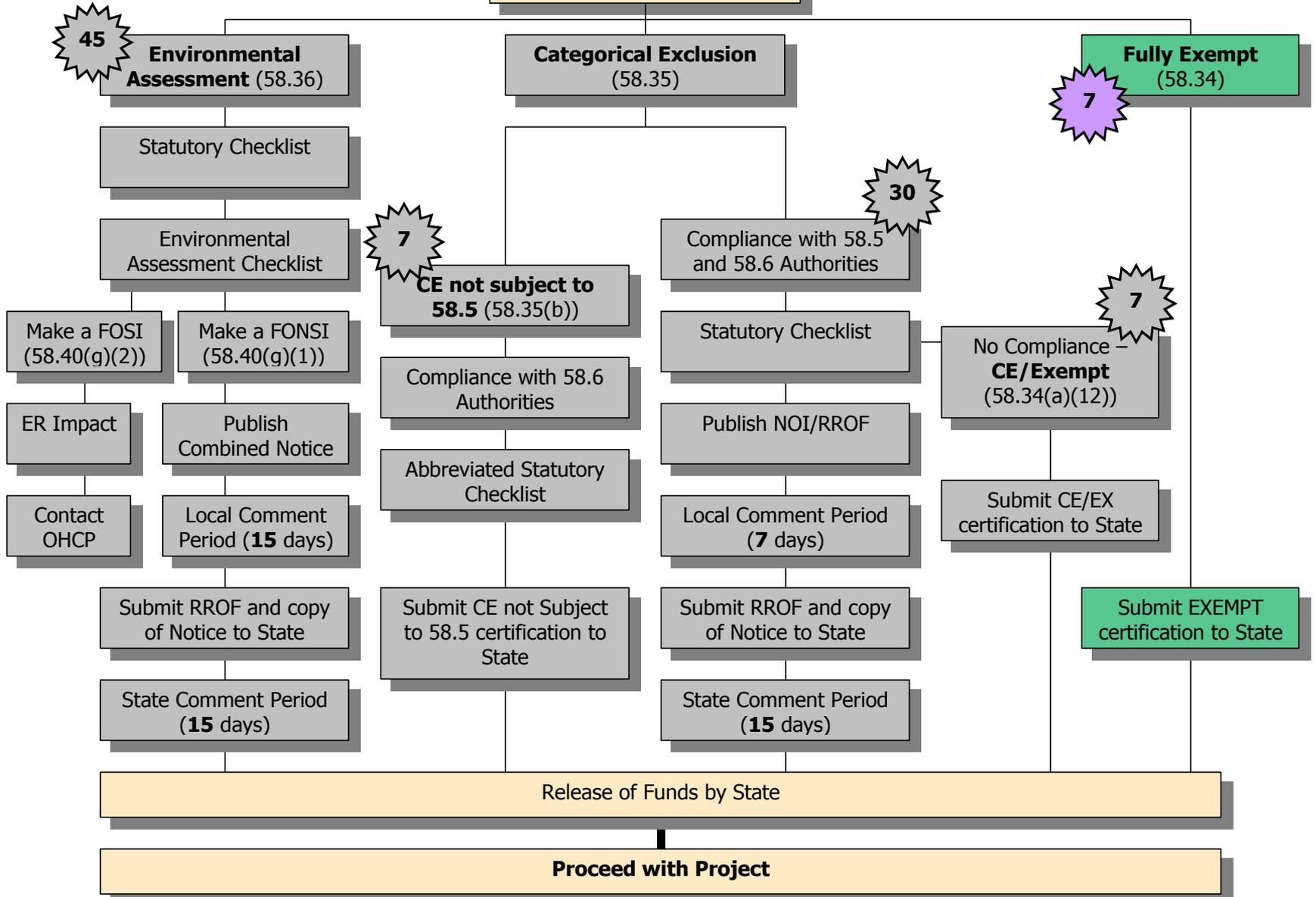
Exempt

- No environmental review, consultation, or other action under NEPA
- Includes: Environmental and other studies, Administration, Public services, Purchase of tools, Engineering or design costs, Training.



Project Aggregation (58.32)
Define Projects for Review

 Approximate # of days to get release once initial review has been completed



Exempt Activity Worksheet

Grantee	_____
Grant Number	_____
Activity Name	_____
Activity Location	_____
Activity Description and Outcomes: 	
List of Attachments	<input type="checkbox"/> Location Map (if applicable)
	<input type="checkbox"/> Certification of Exempt Project Date: _____
	<input type="checkbox"/> Release of Funds (ROF) Date: _____
Determination: <input type="checkbox"/> Exempt (per 24 CFR Section 58.34)	
<u>Preparer Name:</u> _____	
<u>Signature</u> _____ <u>Date:</u> _____	

Categorical Exclusion

- Category of activities for which no environmental impact statement or environmental assessment and Finding of No Significant Impact (FONSI) under NEPA is required.

Categorical Exclusion

- Subdivided by required compliance with “related laws and authorities” (24 CFR 58.5)

**Not subject to
§ 58.5**

**Subject to
§ 58.5**

Categorical Exclusion, Subject to Sec. 58.5

- Public facilities improvements, Architectural barriers, certain Rehabilitation, Acquisition...



“Individual Action”

- Up to four dwelling units where there is a maximum of four units on any one site
- Five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site

“Individual Action”

- Clarification of Individual Action (on Housing units) as a Categorical Exclusion, Subject to Sec. 58.5
- New construction, development, demolition, acquisition, disposition, or refinancing

Categorical Exclusion Subject to Section 58.5 Worksheet

Grantee	_____
Grant Number	_____
Activity Name	_____
Activity Location	_____
Activity Description and Outcomes: _____	
Determination: <input type="checkbox"/> Categorical Exclusion Subject to Sec. 58.5 [per 24 CFR Section 58.35(a)] <input type="checkbox"/> Categorical Exclusion, Subsequently Exempt (No compliance or mitigation required for any of the listed statutes or authorities) [per 24 CFR Section 58.34(a)(12)]	
<u>Preparer Name:</u> _____	
Signature _____	<u>Date:</u> _____



List of Attachments

<input type="checkbox"/> Location Map
<input type="checkbox"/> Site Photographs
<input type="checkbox"/> Copies of other Environmental Analyses (if applicable) List: <input type="text"/>
<input type="checkbox"/> Other Relevant Correspondence and Notifications (if applicable) List: <input type="text"/>
<input type="checkbox"/> Statutory Checklist Supporting Documentation
<input type="checkbox"/> Notice of Intent to Request Release of Funds (NOI/RROF) Date: <input type="text"/>
<input type="checkbox"/> Request for Release of Funds (RROF) Date: <input type="text"/>
<input type="checkbox"/> Release of Funds (ROF) Date: <input type="text"/>
<input type="checkbox"/> Additional Documentation Describe: <input type="text"/>

PART 2: AREA OF STATUTORY - REGULATORY COMPLIANCE

AREA OF STATUTORY AND REGULATORY COMPLIANCE <i>Attach compliance documentation for each area.</i>	1 Not applicable to this Project	2 Consultation Required	3 Review Required	EXEMPT?	Permits Required	Determination of Consistency, Approvals, Permits Obtained	Conditions and/or Mitigation Action Required
Historic Properties Cite response from OHPO				<input type="checkbox"/>			
Floodplain Management Cite Floodplain Map Number				<input type="checkbox"/>			
Wetlands Protection Cite Wetlands Map, field review				<input type="checkbox"/>			
Coastal Areas Protection and Management Cite response from State CZM				<input type="checkbox"/>			
Water Quality: Sole Source Aquifers Cite U. S. EPA's designation				<input type="checkbox"/>			
Endangered Species Cite response from Fish & Wildlife				<input type="checkbox"/>			
Wild and Scenic Rivers Cite Na'l Park Service or ODNR				<input type="checkbox"/>			
Air Quality Cite OEPA response				<input type="checkbox"/>			
Farmland Protection ID prime, unique, or importance				<input type="checkbox"/>			
Noise Cite noise assessment				<input type="checkbox"/>			
Runway Clear Zones, Clear Zones, and Accident Potential Zones Cite runway & clear zone maps				<input type="checkbox"/>			
Thermal and Explosive Hazards Cite source and hazard assessment				<input type="checkbox"/>			
Water Quality Cite Corp of Army Engrnr & OEPA				<input type="checkbox"/>			
Solid Waste Disposal Refer CERCLS & local landfill				<input type="checkbox"/>			
Manmade Hazards Cite source of inspection				<input type="checkbox"/>			
Environmental Justice				<input type="checkbox"/>			
Other:				<input type="checkbox"/>			
Other:				<input type="checkbox"/>			



Shaded rows above indicate 24 CFR 58.6 regulations. When performing a **Categorically Excluded** not **Subject to 58.5** review, only these shaded areas need be addressed.



Statutory Checklist Instructions:

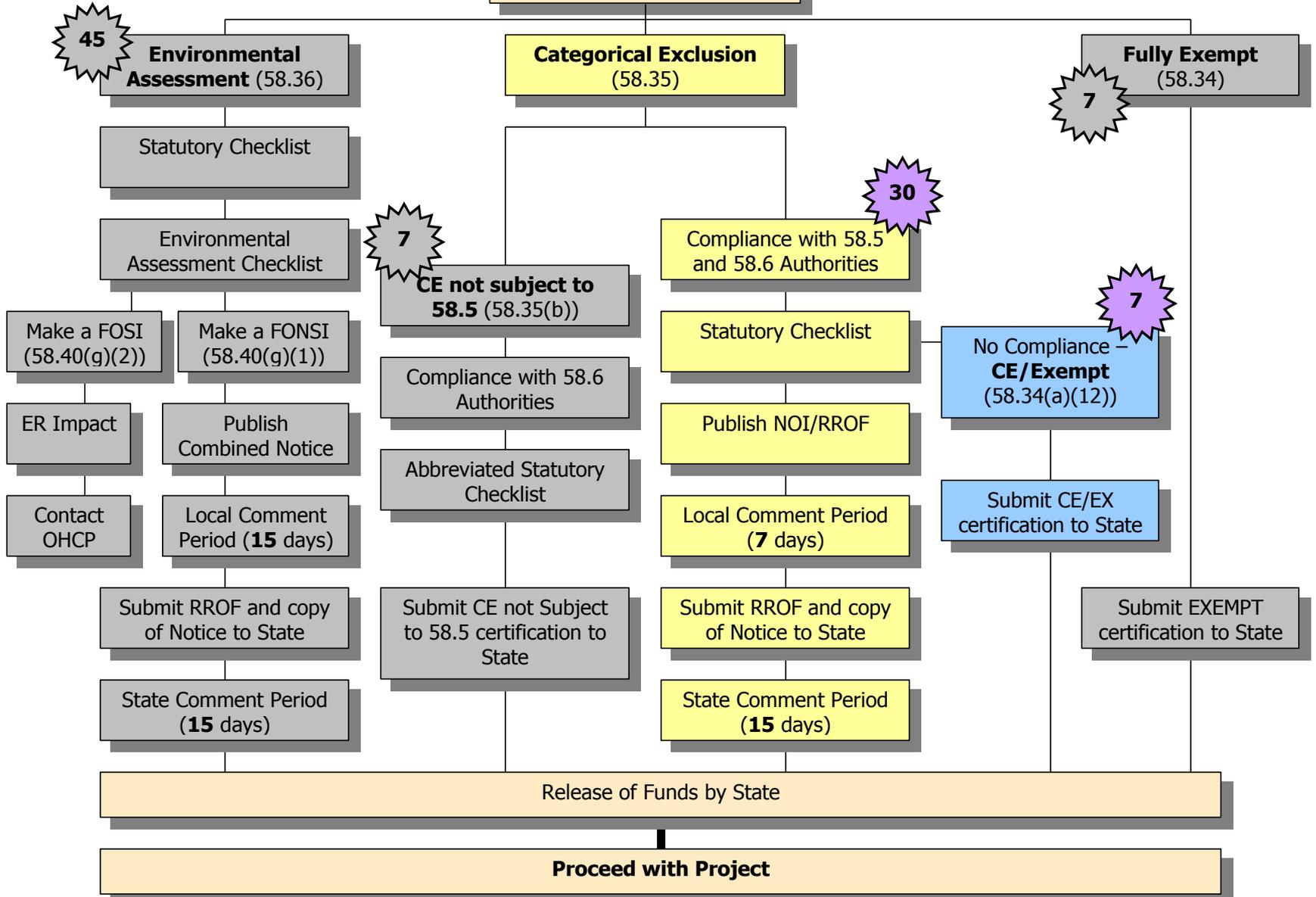
For each of the environmental laws and authorities listed below, determine the level of compliance required and provide a narrative explanation and list of supporting documentation. **The narrative must explain decision-making and compliance procedures.** Attach all supporting documentation to this worksheet.

Statutory Checklist

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	Compliance Required?	Explanation and List of Compliance Documentation
<p>Historic Preservation</p> <p>Resources: Ohio Historic Preservation Office HUD Historic Preservation</p>	<p>---</p>	<p><input type="checkbox"/></p>
<p>Floodplain Management</p> <p>Resources: Floodplain Maps Floodplain Administrators HUD Floodplain Management</p>	<p>---</p>	<p><input type="checkbox"/></p>
<p>Wetland Protection</p> <p>Resources: NRCS Web Soil Survey National Wetlands Inventory Ohio EPA Division of Surface Water US Army Corps of Engineers Regulatory (Permits) HUD Wetland Protection</p>	<p>---</p>	<p><input type="checkbox"/></p>
<p>Coastal Zone Management</p> <p>Resources: Ohio Office of Coastal Management</p>	<p>---</p>	<p><input type="checkbox"/></p>

Project Aggregation (58.32)
Define Projects for Review

 **Approximate # of days to get release once initial review has been completed**



Notice of Intent to Request Release of Funds (NOI/RROF)

- Newspaper of general circulation, non-legal section
- ERR must be complete prior to publication
- 7-day comment period
- Submit RROF to State
- 15-day objection period





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.



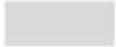


Development
Services Agency

Monitoring and Enforcement Procedures

Instructions:

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



Categorical Exclusion, Not Subject to Sec. 58.5

- Tenant-based rental assistance,
Supportive services, Operating
costs, certain Economic
Development activities...



Project Aggregation (58.32)

Define Projects for Review



Approximate # of days to get release once initial review has been completed

45

Environmental Assessment (58.36)

Statutory Checklist

Environmental Assessment Checklist

Make a FOISI (58.40(g)(2))

Make a FONSI (58.40(g)(1))

ER Impact

Publish Combined Notice

Contact OHCP

Local Comment Period (15 days)

Submit RROF and copy of Notice to State

State Comment Period (15 days)

Categorical Exclusion (58.35)

7

CE not subject to 58.5 (58.35(b))

Compliance with 58.6 Authorities

Abbreviated Statutory Checklist

Submit CE not Subject to 58.5 certification to State

Compliance with 58.5 and 58.6 Authorities

30

Statutory Checklist

Publish NOI/RROF

Local Comment Period (7 days)

Submit RROF and copy of Notice to State

State Comment Period (15 days)

Fully Exempt (58.34)

7

No Compliance - **CE/Exempt** (58.34(a)(12))

7

Submit CE/EX certification to State

Submit EXEMPT certification to State

Release of Funds by State

Proceed with Project

Categorical Exclusion Not Subject to Section 58.5 Worksheet

Grantee	
Grant Number	
Activity Name	
Activity Location	
Activity Description and Outcomes:	
List of Attachments	<input type="checkbox"/> Location Map (if applicable)
	<input type="checkbox"/> 24 CFR Section 58.6 Requirements Supporting Documentation
	<input type="checkbox"/> Certification of Categorical Exclusion Project Not Subject to Sec. 58.5 Date: <input type="text"/>
	<input type="checkbox"/> Release of Funds (ROF) Date: <input type="text"/>
Determination:	
<input type="checkbox"/> Categorical Exclusion Not Subject to Sec. 58.5 [per 24 CFR Section 58.35(b)]	
Preparer Name: <input type="text"/>	
Signature _____	Date: <input type="text"/>

PART 2: AREA OF STATUTORY - REGULATORY COMPLIANCE

AREA OF STATUTORY AND REGULATORY COMPLIANCE <i>Attach compliance documentation for each area.</i>	1 Not applicable to this Project	2 Consultation Required	3 Review Required	EXEMPT?	Permits Required	Determination of Consistency, Approvals, Permits Obtained	Conditions and/or Mitigation Action Required
Historic Properties Cite response from OHPO				<input type="checkbox"/>			
Floodplain Management Cite Floodplain Map Number				<input type="checkbox"/>			
Wetlands Protection Cite Wetlands Map, field review				<input type="checkbox"/>			
Coastal Areas Protection and Management Cite response from State CZM				<input type="checkbox"/>			
Water Quality: Sole Source Aquifers Cite U. S. EPA's designation				<input type="checkbox"/>			
Endangered Species Cite response from Fish & Wildlife				<input type="checkbox"/>			
Wild and Scenic Rivers Cite Na'l Park Service or ODNR				<input type="checkbox"/>			
Air Quality Cite OEPA response				<input type="checkbox"/>			
Farmland Protection ID prime, unique, or importance				<input type="checkbox"/>			
Noise Cite noise assessment				<input type="checkbox"/>			
Runway Clear Zones, Clear Zones, and Accident Potential Zones Cite runway & clear zone maps				<input type="checkbox"/>			
Thermal and Explosive Hazards Cite source and hazard assessment				<input type="checkbox"/>			
Water Quality Cite Corp of Army Engnr & OEPA				<input type="checkbox"/>			
Solid Waste Disposal Refer CERCLS & local landfill				<input type="checkbox"/>			
Manmade Hazards Cite source of inspection				<input type="checkbox"/>			
Environmental Justice				<input type="checkbox"/>			
Other:				<input type="checkbox"/>			
Other:				<input type="checkbox"/>			



Shaded rows above indicate 24 CFR 58.6 regulations. When performing a **Categorically Excluded not Subject to 58.5** review, only these shaded areas need be addressed.



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 http://portal.hud.gov/hudportal/documents/huddoc?id=DOC_14226.pdf) (attach a copy of the signed notice)

Runway
Clear Zones

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/index.htm#LocatorMaps>)
(Proceed with project.)
- Yes. Federal assistance may not be used in such an area.

Coastal
Barriers

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)** (www.msc.fema.gov)
- Yes. **Attach copy of Flood Insurance Rate Map (FIRM)** (www.msc.fema.gov)

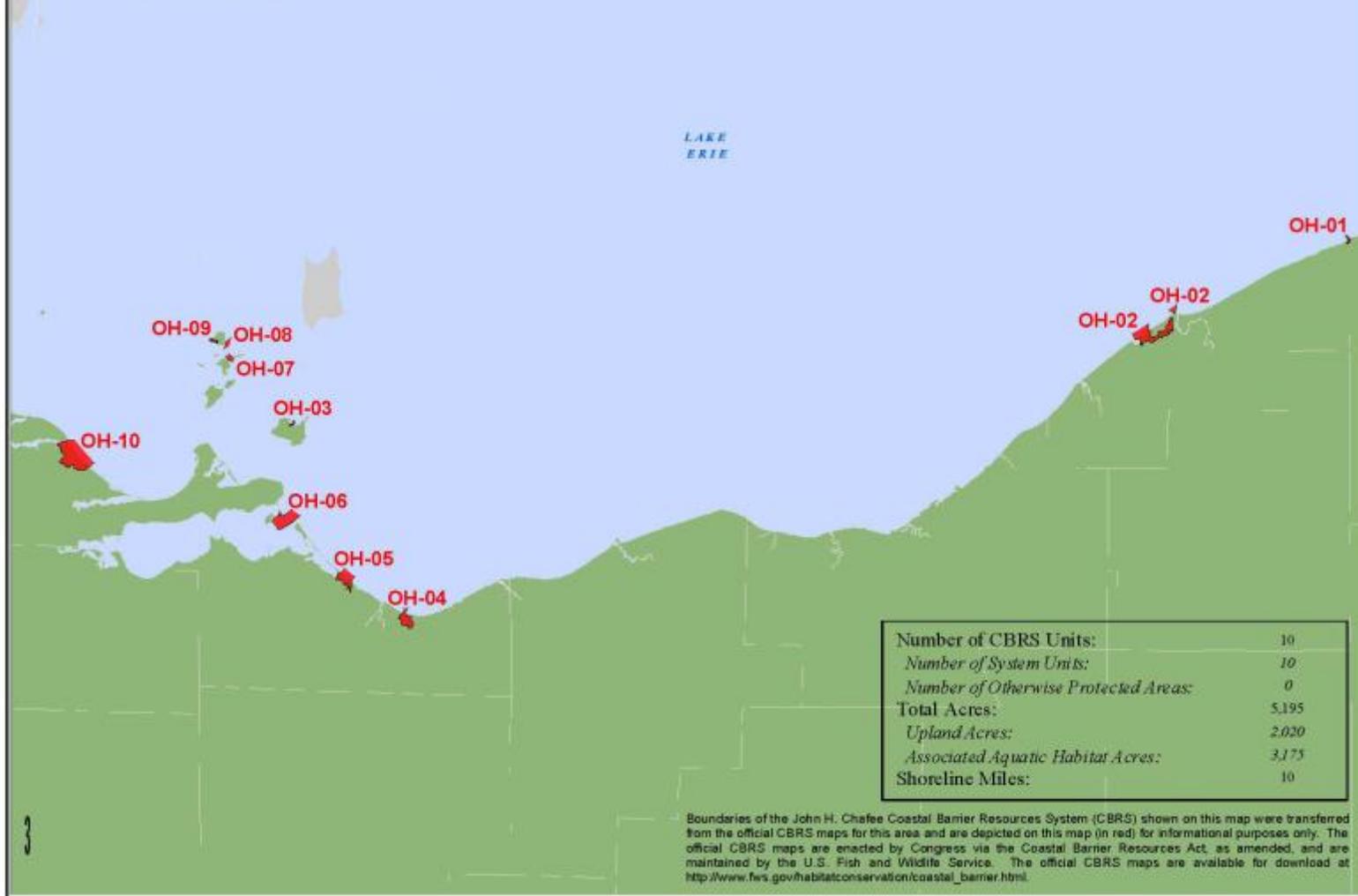
Is the community participating in the National Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

- 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.**

Flood
Insurance

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

JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM OHIO



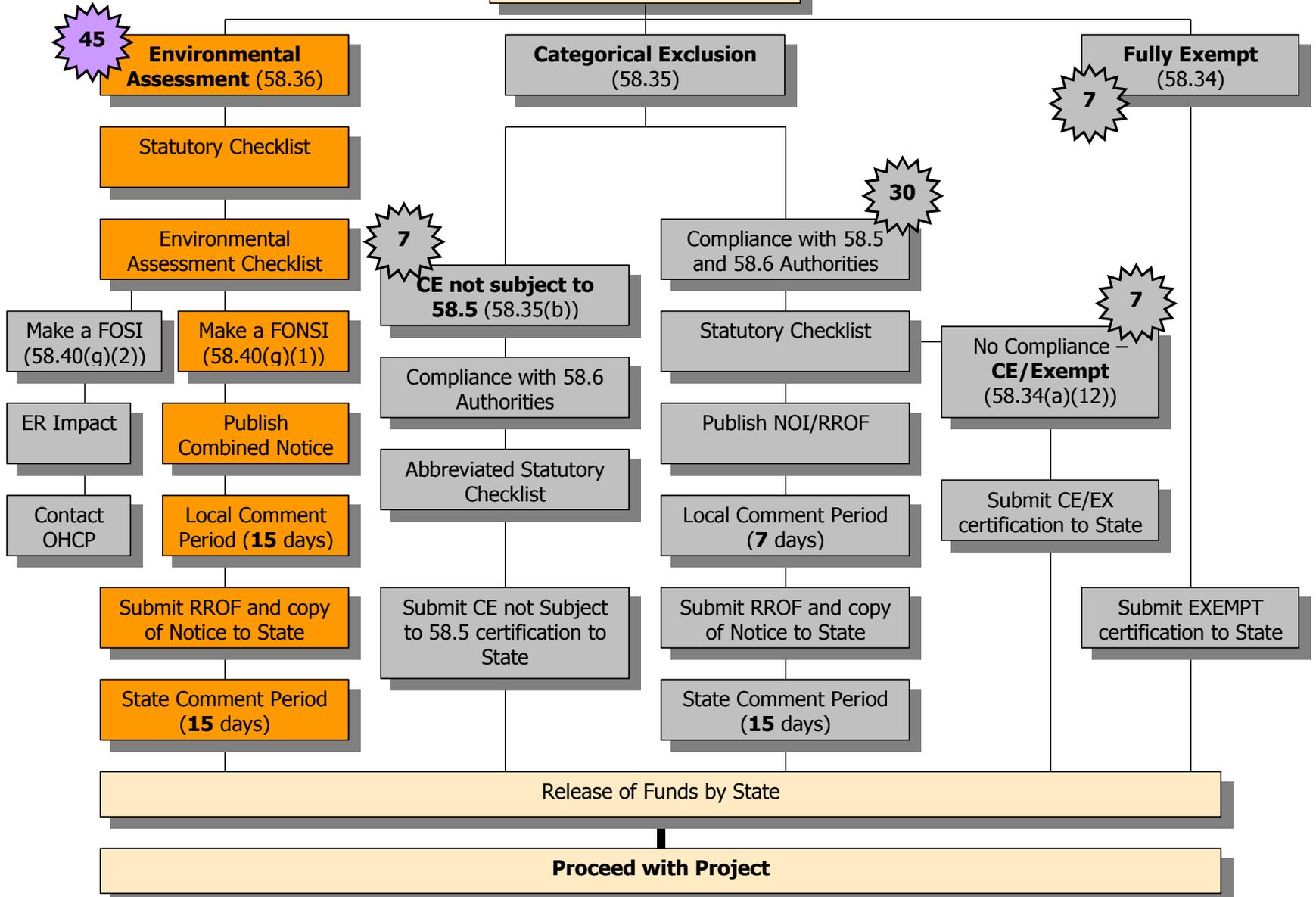
Environmental Assessment



- All projects **not** Categorically Excluded or Exempt

Project Aggregation (58.32)
Define Projects for Review

 Approximate # of days to get release once initial review has been completed





Environmental Assessment Worksheet

Grantee	_____
Grant Number	_____
Activity Name	_____
Activity Location	_____
Activity Description: 	
Determination: <input type="checkbox"/> <u>Finding of No Significant Impact</u> (FONSI), 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.	
<u>Preparer Name:</u> _____	
Signature _____	<u>Date:</u> _____

List of Attachments

<input type="checkbox"/> Location Map
<input type="checkbox"/> Site Photographs
<input type="checkbox"/> Copies of other Environmental Analyses (if applicable) List: <input type="text"/>
<input type="checkbox"/> Other Relevant Correspondence and Notifications (if applicable) List: <input type="text"/>
<input type="checkbox"/> Statutory Checklist Supporting Documentation
<input type="checkbox"/> Environmental Assessment Checklist Supporting Documentation
<input type="checkbox"/> Combined Notice: Finding of No Significant Impact (FONSI) and Notice of Intent to Request Release of Funds (NOI/RROF) Date: <input type="text"/>
<input type="checkbox"/> Request for Release of Funds (RROF) Date: <input type="text"/>
<input type="checkbox"/> Release of Funds (ROF) Date: <input type="text"/>
<input type="checkbox"/> Additional Documentation Describe: <input type="text"/>



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>Historic Preservation</p> <p>Resources: Ohio Historic Preservation Office HUD Historic Preservation</p>	---	<input type="checkbox"/>
<p>Floodplain Management</p> <p>Resources: Floodplain Maps Floodplain Administrators HUD Floodplain Management</p>	---	<input type="checkbox"/>
<p>Wetland Protection</p> <p>Resources: NRCS Web Soil Survey National Wetlands Inventory Ohio EPA Division of Surface Water US Army Corps of Engineers Regulatory (Permits) HUD Wetland Protection</p>	---	<input type="checkbox"/>
<p>Coastal Zone Management</p> <p>Resources: Ohio Office of Coastal Management</p>	---	<input type="checkbox"/>

Environmental Assessment Checklist

EA98 - 1

Project Name: PART 2: IMPACT CATEGORIES

List Project's Activities

Project's Level of Envi

Grant Number(s):

PART 1: NOTES TO THE

Completion of the this Cl Environmental Impact St contain the applicable ite Review Basics Handboo

These Items Include:
Project Description and l and Environmental Cont of Impacts and Mitigatio Reference List of Applics Important Meetings, Part

The Environmental Revis interested person or age

IMPACT CATEGORIES	No Impact Anticipated	Potentially Beneficial	Potentially Adverse-Requires Documentation Only	Potentially Adverse-Requires More Study	Needs Mitigation	Requires Project Modification	For Each Impact Area Attach Documentation
-------------------	-----------------------	------------------------	---	---	------------------	-------------------------------	---

LAND DEVELOPMENT

Conformance With Comprehensive Plans and Zoning							
---	--	--	--	--	--	--	--

Compatibility and Urban Impact							
--------------------------------	--	--	--	--	--	--	--

Slope							
-------	--	--	--	--	--	--	--

Erosion							
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Soil Suitability							
------------------	--	--	--	--	--	--	--

Hazards and Nuisances Including Site Safety							
---	--	--	--	--	--	--	--

Energy Consumption							
--------------------	--	--	--	--	--	--	--

NOISE

Effects of Ambient Noise on Project and Contribution to Community Noise Levels							
--	--	--	--	--	--	--	--

AIR QUALITY

Effects of Ambient Air Quality on Project and Contribution to Community Pollution Levels							
--	--	--	--	--	--	--	--

ENVIRONMENTAL DESIGN AND HIS

Visual Quality - Coherence Diversity, Compatible Use, and Scale							
---	--	--	--	--	--	--	--

Historic Cultural and Archaeological Resources							
--	--	--	--	--	--	--	--

SOCIOECONOMIC

Demographics/Character Changes							
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Displacement							
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Employment and Income Patterns							
--------------------------------	--	--	--	--	--	--	--

IMPACT CATEGORIES	No Impact Anticipated	Potentially Beneficial	Potentially Adverse-Requires Documentation Only	Potentially Adverse-Requires More Study	Needs Mitigation	Requires Project Modification	For Each Impact Area Attach Documentation
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COMMUNITY FACILITIES AND SERVICES

Educational Facilities							
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Community Facilities							
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Health Care							
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Social Services							
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Solid Waste							
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Waste Water							
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Storm Water							
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Water Supply							
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Public Safety: Police							
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Public Safety: Fire							
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Public Safety: Emergency Medical							
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Open Space							
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Recreation							
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Cultural Facilities							
---------------------	--	--	--	--	--	--	--

Transportation							
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NATURAL FEATURES

Water Resources							
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Surface Water							
---------------	--	--	--	--	--	--	--

Floodplains							
-------------	--	--	--	--	--	--	--

Wetlands							
----------	--	--	--	--	--	--	--

Coastal Zones							
---------------	--	--	--	--	--	--	--

Unique Natural Features and Agricultural Lands							
--	--	--	--	--	--	--	--



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.

Environmental Assessment Checklist

Land Development		
Impact Category	Impact Code	Explanation and List of Source Documentation
Conformance with Comprehensive Plans and Zoning	-----	
Compatibility and Urban Impact	-----	
Slope	-----	
Erosion	-----	
Soil Suitability	-----	
Hazards and Nuisances Including Site Safety	-----	



Community | Training and Technical Assistance

Community

Training and Technical Assistance

Environmental Review Requirements for HUD-funded Programs

▼ Environmental Review Technical Assistance

Environmental guide for Community Development Block Grant Programs *NEW* (PDF)

- Environmental Review Process at a Glance (PDF)
- Definitions of Environmental Levels (PDF)
- Environmental Review Information Sheet: Tiered Reviews (PDF)
- Environmental Review Information Sheet: Environmental Review Resources on the Internet. Updated September 14, 2012 (PDF)
- Environmental Review Information Sheet: Clarification regarding the treatment of asbestos in residential demolition and renovation projects (PDF)

- ▶ Exempt Activity Toolkit
- ▶ Categorical Exclusion Subject to Section 58.5 Activity Toolkit
- ▶ Categorical Exclusion Subsequently Exempt Activity Toolkit
- ▶ Categorical Exclusion Not Subject to Section 58.5 Activity Toolkit
- ▶ Environmental Assessment Activity Toolkit
- ▶ Continued Relevance Activity Toolkit
- ▶ Additional Notice Formats

Resources

Affordable Housing

Homelessness and Supportive Housing

Community Development Block Grant

Training and Technical Assistance

Program information

Service Area Maps

New Horizons Fair Housing Program

Civil Rights

Contact

U.S. Department of Housing and Urban Development
Office of Community Planning and Development



Environmental Review Guide for Community Development Block Grant Programs

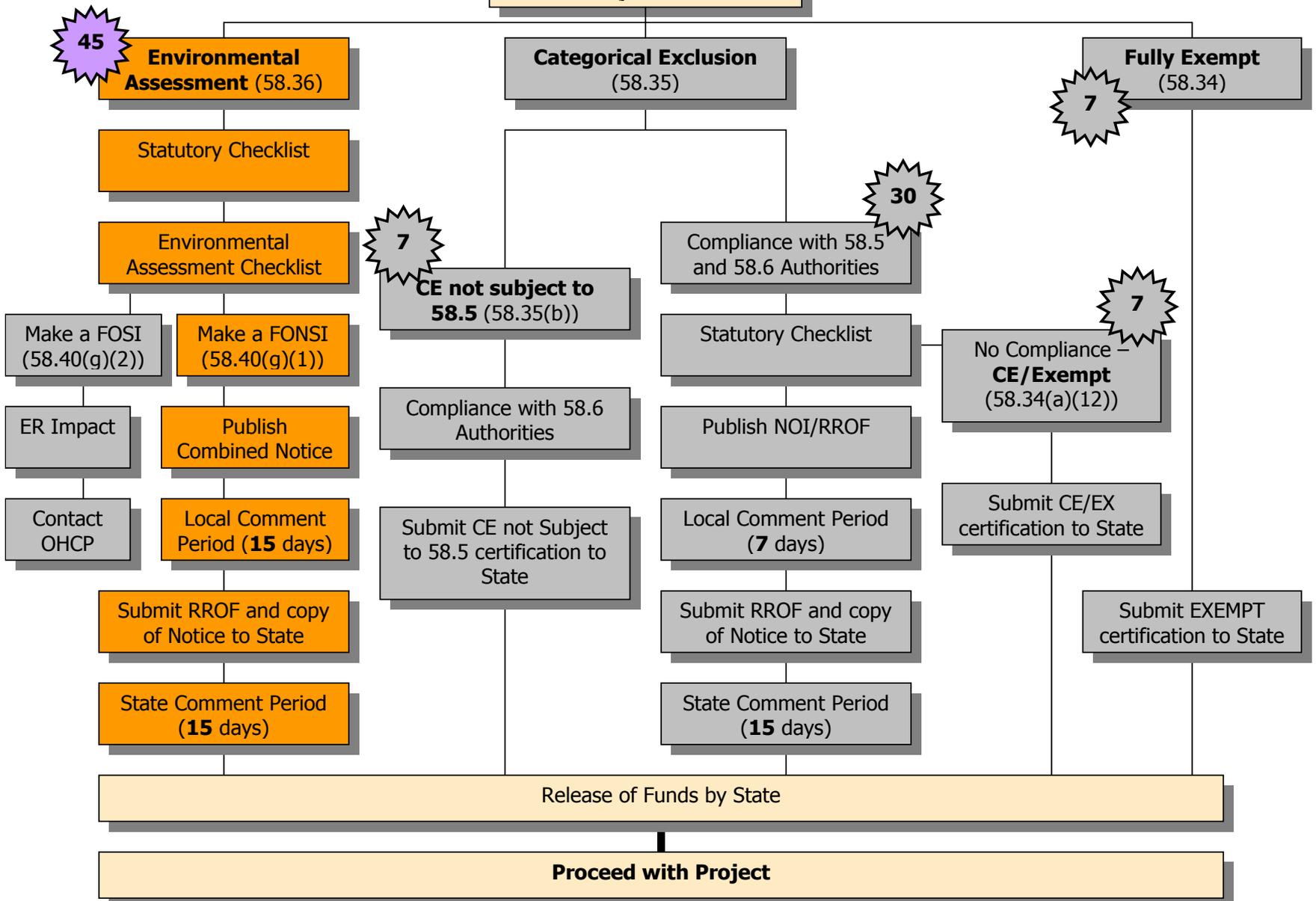


Ohio

Development
Services Agency

Project Aggregation (58.32)
Define Projects for Review

 Approximate # of days to get release once initial review has been completed



Combined Notice: **Finding of No Significant Impact (FONSI) & Notice of Intent to Request Release of Funds (NOI/RROF)**

- Newspaper of general circulation, non-legal section
- ERR must be complete prior to publication
- 15-day comment period
- Submit RROF to State
- 15-day objection period





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.



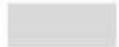


Development
Services Agency

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.





Development
Services Agency

Analysis of Alternatives

Instructions:

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





Development
Services Agency

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.



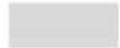
Development
Services Agency



Monitoring and Enforcement Procedures

Instructions:

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



Tiered Environmental Review

24 CFR 58.15

- Specific project locations not known
- Tier 1: General Program Review
- Tier 2: Site-specific Evaluation

Tier 1 Environmental Review

- Provides a general overview of environmental conditions in a program target area
- Describes Tier 2 procedures
- Establishes site acceptability standards

Tier 1 Environmental Review

- Grantee may obtain a Release of Funds based on Tier 1 Environmental Review

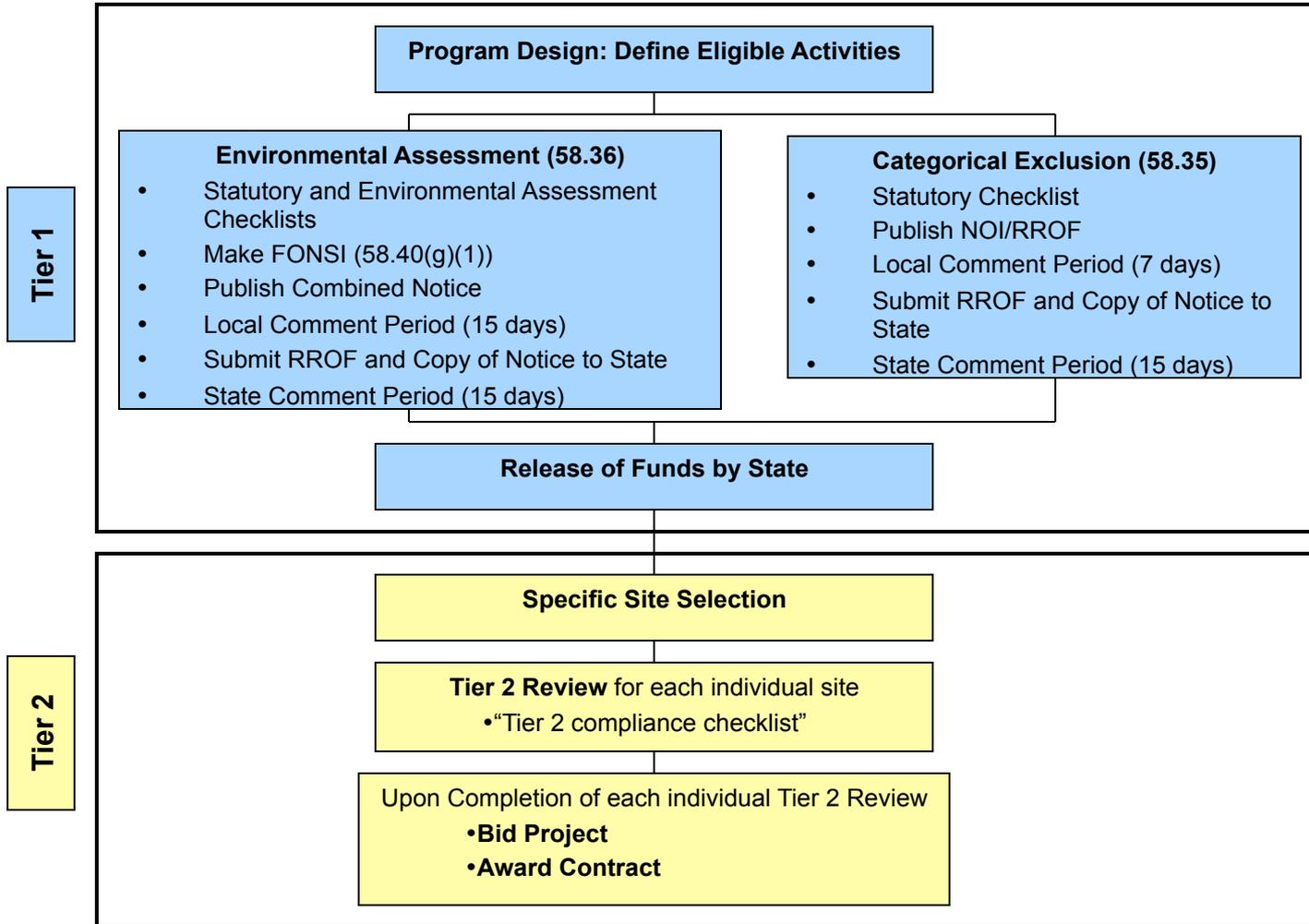
Tier 2 Environmental Review

- Site-specific evaluation
- Examine Statutory Checklist for compliance areas that are relevant to the location and scope of work

Tier 2 Environmental Review

- Amend Tier 1 ERR with Tier 2 documentation
- **Must complete Tier 2 prior to inception of work**
- Do not need to republish NOI/RROF or Combined Notice after Tier 2 review

Tiered Review Flowchart



Tiered Environmental Review and Continued Relevance

- Bases environmental findings on a past environmental review record (ERR)
- Requires a re-evaluation of the original ERR
- Original ERR must have been conducted by the same responsible entity

Continued Relevance

- Same Target Area, same program parameters
- Grantees may cite Continued Relevance for up to **6 years** from the date of the original release of funds

Continued Relevance Worksheet

Grantee	_____
Grant Number	_____
Activity Name	_____
Activity Location	_____
Activity Description and Outcomes:	
List of Attachments	<input type="checkbox"/> Location Map
	<input type="checkbox"/> Environmental Review Record cited in Continued Relevance Determination
	<input type="checkbox"/> Previous Release of Funds (ROF) cited in Continued Relevance Determination Date: _____
	<input type="checkbox"/> Certification of Continued Relevance Date: _____
	<input type="checkbox"/> Release of Funds (ROF) Date: _____
Determination:	
<input type="checkbox"/> Continued Relevance (<i>Grantee previously conducted an environmental review, and received a Release of Funds, for the proposed activity within the past six years</i>)	
Preparer Name: _____	
Signature _____	Date: _____

CHIP Eligible Activities

Exempt

General Administration*

Fair Housing*

Planning*

Public Service

Cat Ex not 58.5

Homelessness Prevention

TBRA

Cat Ex Subject to 58.5*

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

Home Repair

Home Repair – Septic

New Housing Const.

Exempt

General Administration*

Fair Housing*

Planning*

Public Service

Submit EXEMPT certification to State

Release of Funds by State

Proceed with Project

Cat Ex not 58.5

Homelessness
Prevention

TBRA

Outline Compliance with
58.6 Authorities

Submit CE not Subject to
58.5 certification to State

Release of Funds by
State

T 1

Specific Site Selection

T 2

Compliance with 58.6
Authorities for each site

After individual review,
proceed with 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 http://portal.hud.gov/hudportal/documents/huddoc?id=DOC_14226.pdf) (attach a copy of the signed notice)

Runway
Clear Zones

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/index.htm#LocatorMaps>)
(Proceed with project.)
- Yes. Federal assistance may not be used in such an area.

Coastal
Barriers

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)** (www.msc.fema.gov)
- Yes. **Attach copy of Flood Insurance Rate Map (FIRM)** (www.msc.fema.gov)

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.**

Flood
Insurance

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

Cat Ex Subject to 58.5*

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

Home Repair

Home Repair – Septic

New Housing Const.

Outline Statutory Checklist Requirements for Activity

Publish NOI/RROF
Local Comment Period (7 days)

Submit RROF and copy of
Notice to State

State Comment Period (15
days)

Release of Funds by State

T 1

Specific Site Selection

T 2

Compliance with Applicable 58.5
Authorities for each site

After individual review: **bid,
award, & proceed with project**

Questions?

Tiered Environmental Review

RROF

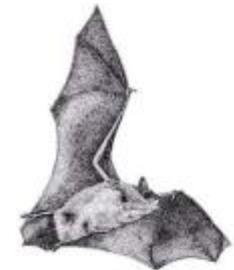
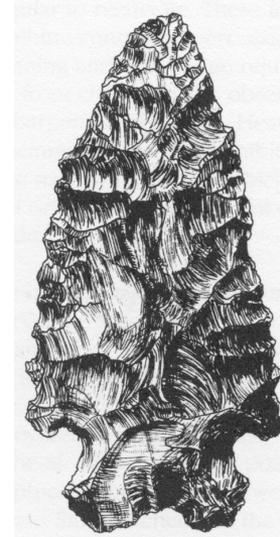
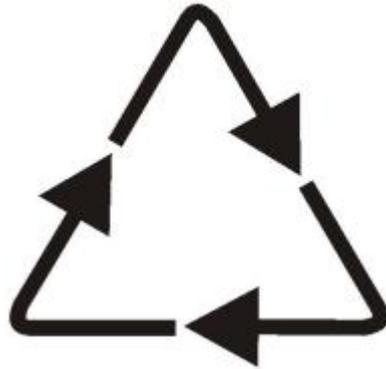
Levels of Review

Statutory Checklist

Continued Relevance

Public Notice(s)

Statutory Checklist Compliance



Statutory Checklist Instructions:
 For each of the environmental laws and authorities listed below, determine the compliance requirements and provide a narrative explanation and list of supporting documentation. The decision-making and compliance procedures. Attach all supporting documents.

Statutory Checklist

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	Compliance Required?	Explanation
Historic Preservation Resources: Ohio Historic Preservation Office HUD Historic Preservation	---	
Floodplain Management Resources: Floodplain Maps Floodplain Administrators HUD Floodplain Management	---	
Wetland Protection Resources: NRCS Web Soil Survey National Wetlands Inventory Ohio EPA Division of Surface Water US Army Corps of Engineers Regulatory (Permits) HUD Wetland Protection	---	
Coastal Zone Management Resources: Ohio Office of Coastal Management	---	

- Private Owner Rehab
- Rental Rehabilitation
- Homeownership
- Acq./Rehab/Resale
- Home Repair
- Home Repair – Septic
- New Housing Const.

Historic Preservation

Private Owner Rehab

Rental Rehabilitation

Homeownership

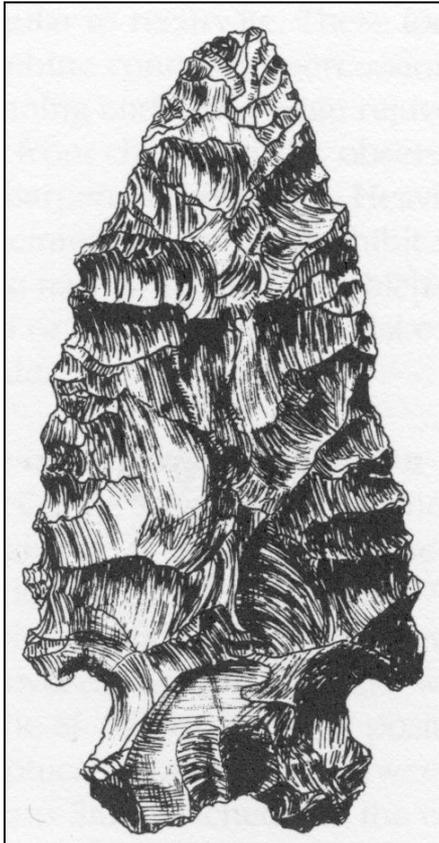
Acq./Rehab/Resale

Home Repair

Home Repair – Septic

New Housing Const.

Historic Preservation



- Section 106 of the National Historic Preservation Act of 1966, as amended
- Involves coordination with the [Ohio Historic Preservation Office](#)

Historic Preservation

- Is project scope included in the **Programmatic Agreement for Coordination with OHPO?**
- If not, submit project to OHPO for **Section 106 Review.**

OHPO Programmatic Agreement for Coordination

- Describes types of activities that do not require individual coordination with OHPO
- A list of all activities exempted from individual review based on the terms of the coordination agreement must be submitted to OHPO annually

Submit Projects to OHPO for Section 106 Review

- Funding Source
- Complete Project Description
- Brief History of Property and Surroundings
- Date of Construction
- Map
- Photographs





Floodplain Management

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

Home Repair

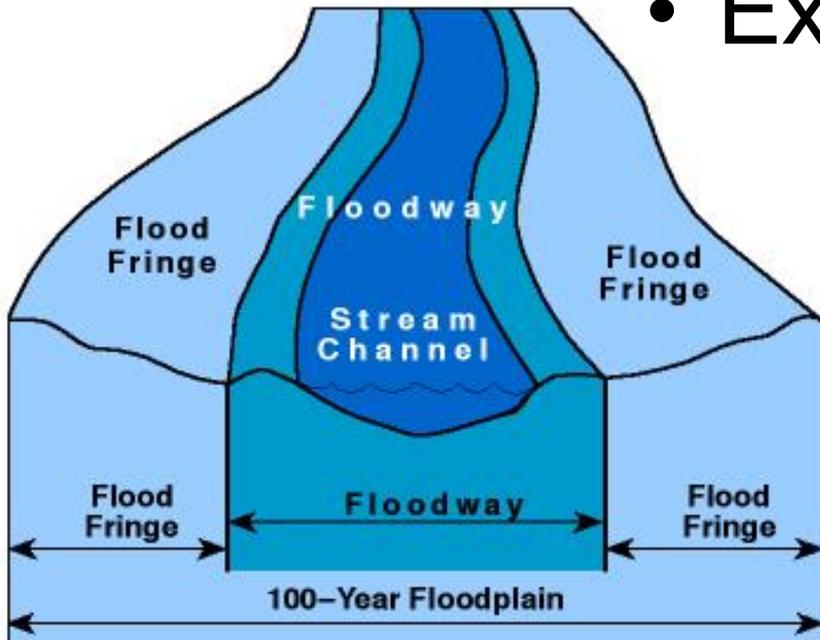
Home Repair – Septic

New Housing Const.

Floodplain Management

- Executive Order 11988

- 24 CFR part 55



Floodplain Management: Exemption

- **minor repairs or improvements** on one- to four-family properties that do not meet the thresholds for “substantial improvement” under 24 CFR Sec. 55.2(b)(8)

Floodplain Management: Streamlined

- ...repair, rehabilitation, modernization, weatherization, or improvement of existing...one-to-four-family properties, in communities that are in the...NFIP...provided that... the action does not meet the thresholds for “substantial improvement” ...and the footprint of the structure and paved areas is not significantly increased.

Floodplain Management

- Examine Flood Insurance Rate Map (FIRM) to determine if the proposed project is in the floodplain...
- If project is in floodplain:
 - Contact [Local Floodplain Administrator](#)
 - Conduct 8 step process





Product Search by...

Address **Map Panel ID**

1) Select a Product:

Flood Maps

2) Enter an Address:

Street:

City:

State: Zip:

Announcements

New Fees Beginning October 1, 2007

Please contact the MSC Customer Service Center by telephone at 1-800-358-9616 or by e-mail at [FEMA-MSCSservice@dhs.gov](mailto:MSCservice@dhs.gov) for questions or additional information.

FIRMette - Desktop (F-MIT)

The Map Service Center now has version 2.2 of the FIRMette - Desktop viewer (formerly F-MIT) available for download. This new version supports FIRMette creation for both two color and black and white maps. You can download it [here](#).

Desktop DFIRM/NFHL Viewer

FEMA is developing a simple tool for viewing GIS flood data. A beta of this

New to the FEMA Map Service Center?

- Homeowners/Renters
- Real Estate/Flood Determination Agents
- Insurance Agents
- Engineers/Surveyors
- Federal/Exempt Customers

What are you looking for?

- Flood Maps
- FIRMettes
- DFIRM Databases
- MapViewer - Web (DFIRM Viewer)
- Documents, Publications & Forms

More Information

- How do I find the flood map for my area?
- What is a FIRMette?
- How do I find a LOMC?
- Definitions of FEMA Flood Zone Designations
- Product Information
- Price List
- How to Order
- Need Assistance?

Los Angeles County Unincorporated and Incorporated Areas, California Letter of Map Revision Available

Case Numbers: Several - [Click to View](#)
Effective date: September 29, 2008

San Bernardino County, California Letter of Map Revision Available

Case Number: 08-09-1595P
Effective date: August 29, 2008

City of Sacramento, Sacramento County, California Letter of Map Revision Available

Case Number: 07-09-0266P
Effective date: February 21, 2007

City of North Platte, Nebraska Letter of Map Revision Available

Case Number: 07-07-0322P
Effective date: July 7, 2008

Log On

User ID (email address) :

Password :

- » [Forgot Password?](#)
- » [Register](#)

[Why register?](#)

NFHL

National Flood Hazard Layer [\(learn more\)](#)

View the NFHL Online using [MapViewer - Web](#)

Order NFHL GIS Datasets by state on DVD

Use [Web Map Service](#) in your own GIS application

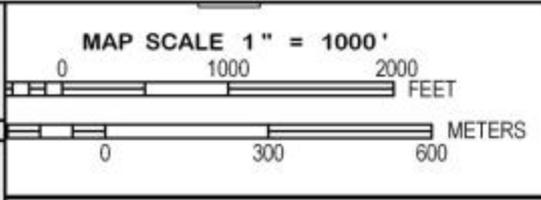
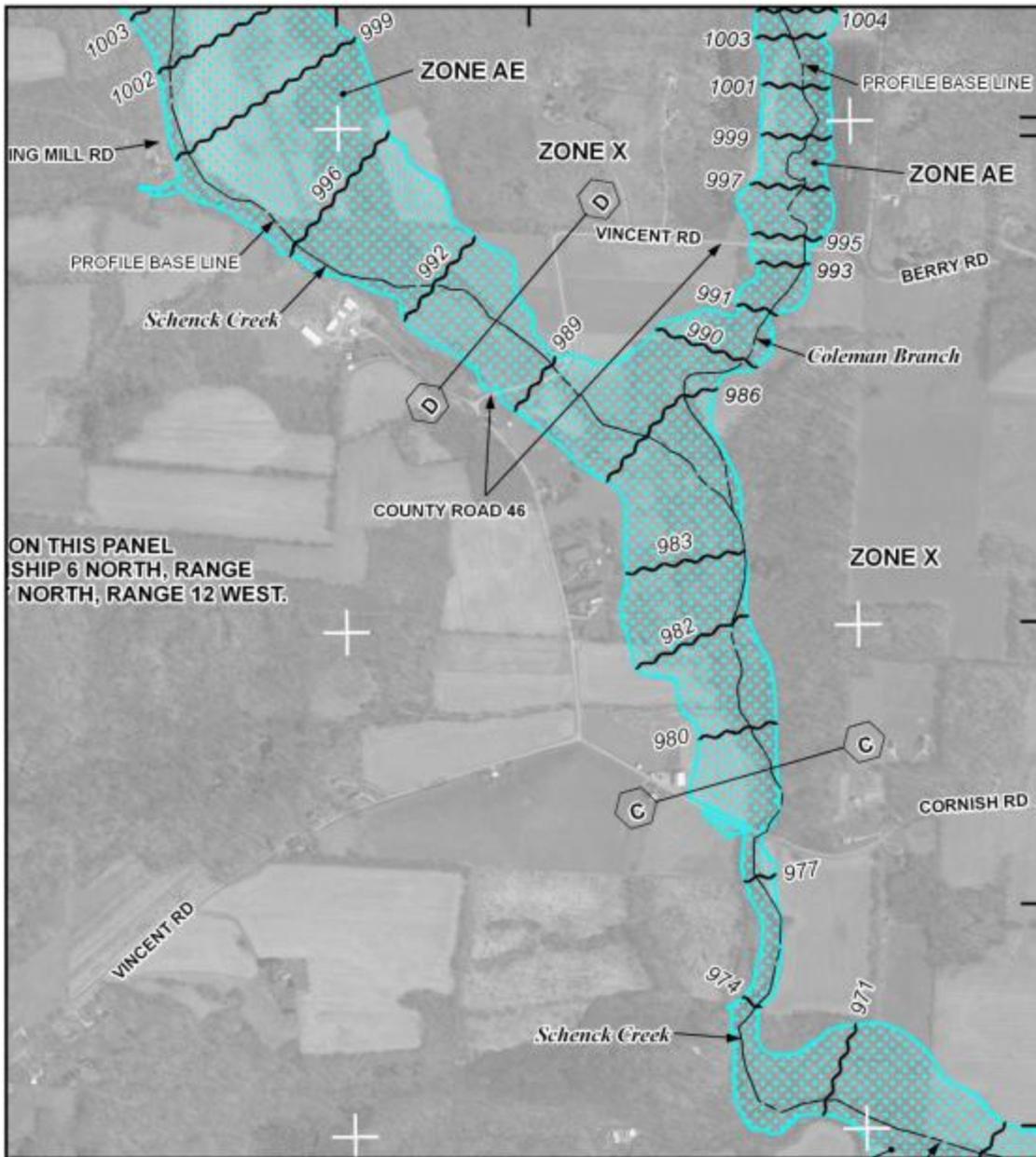
Use [Web Map Service](#) in Google Earth™

[Got Comments?](#)

FIRMette Tutorial

Learn how to create FIRMettes. They're free!





NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0195D

FIRM
FLOOD INSURANCE RATE MAP
KNOX COUNTY, OHIO
AND INCORPORATED AREAS

PANEL 195 OF 475
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
KNOX COUNTY	390390	0195	D
MOUNT VERNON, CITY OF	390311	0195	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.

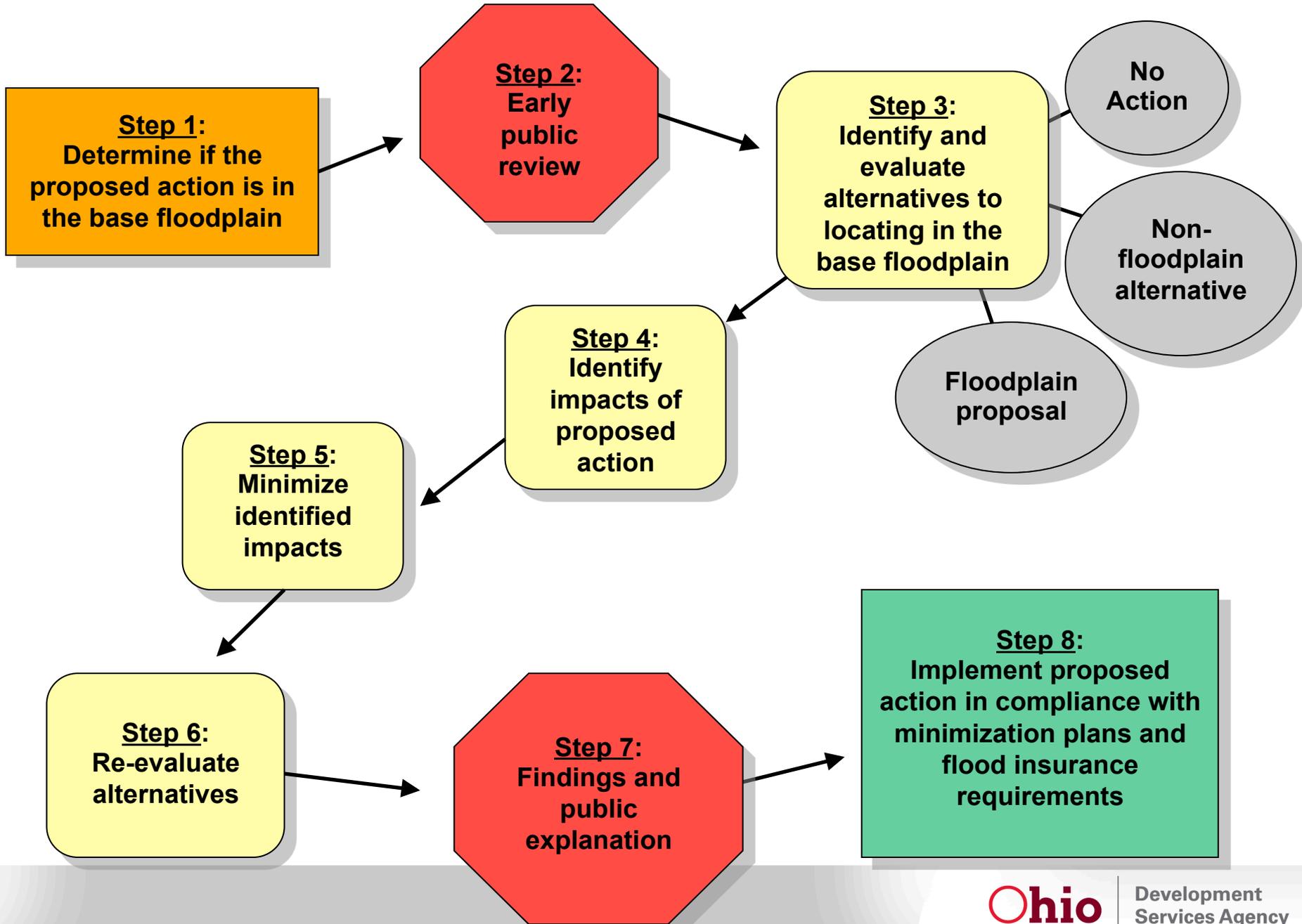


MAP NUMBER
39083C0195D
EFFECTIVE DATE
JULY 7, 2009

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

Evaluation of Potential Impact on the Floodplain



Wetlands Protection

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

Home Repair

Home Repair – Septic

New Housing Const.

Wetlands Protection



- Executive Order 11990, Protection of Wetlands
- 24 CFR Part 55
- Clean Water Act

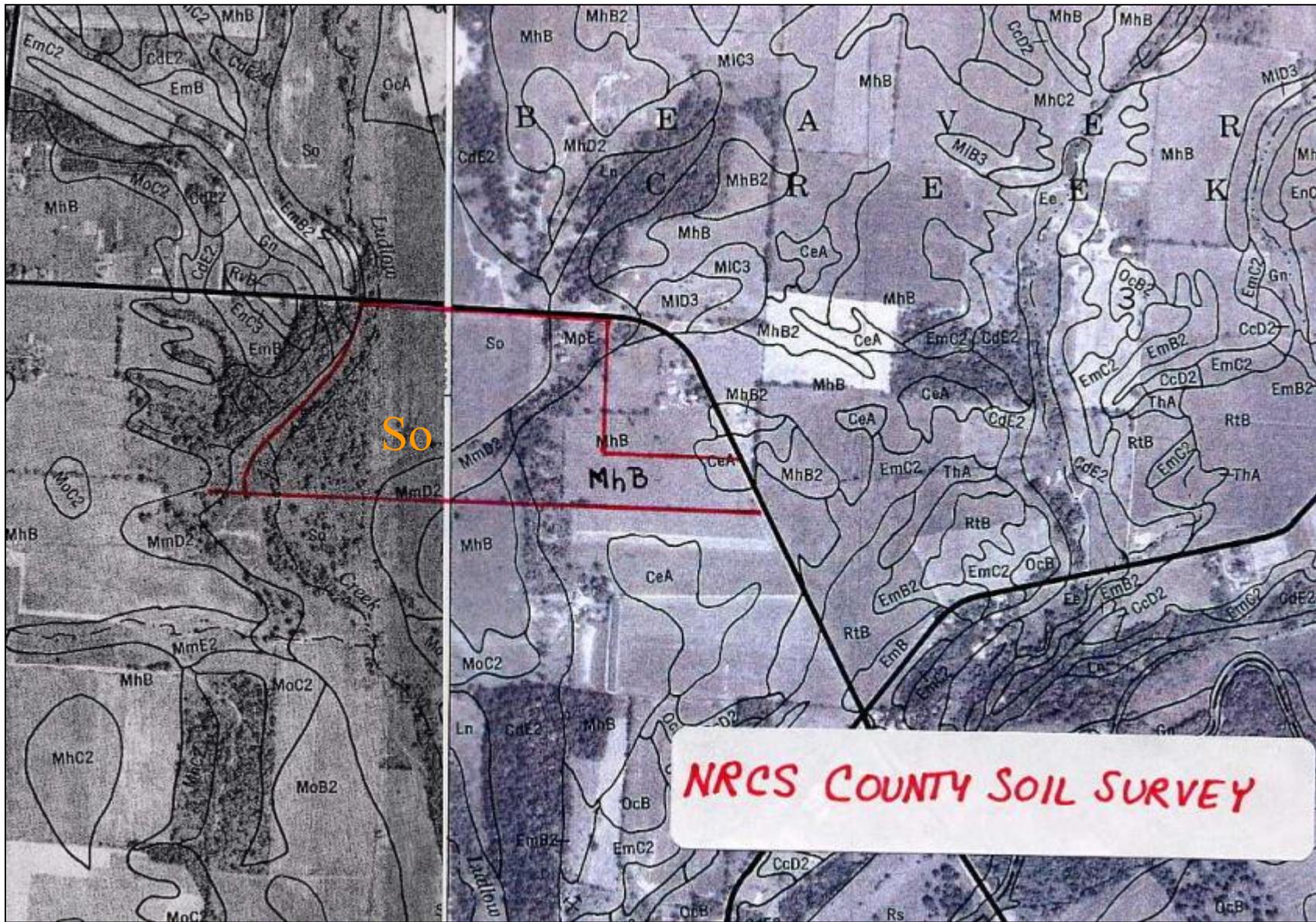
Wetlands Protection

Compliance can involve:

- US Army Corps of Engineers (Section 404 Permit); and
- Ohio Environmental Protection Agency (Section 401 Water Quality Certification)
- HUD's 8-Step decision-making process

Wetlands Protection

- Review soils
- Review National Wetland Inventory Map
- Examine site for wetland characteristics: **hydric soils, hydrophilic vegetation, wetland hydrology**





You are here: WSS Home

Search

Enter Keywords

All NRCS Sites

Browse by Subject

- ▶ Soils Home
- ▶ National Cooperative Soil Survey (NCSS)
- ▶ Archived Soil Surveys
- ▶ Status Maps
- ▶ Official Soil Series Descriptions (OSD)
- ▶ Soil Series Extent Mapping Tool
- ▶ Soil Data Mart
- ▶ Geospatial Data Gateway
- ▶ eFOTG
- ▶ National Soil Characterization Data
- ▶ Soil Geochemistry Spatial Database
- ▶ Soil Quality
- ▶ Soil Geography
- ▶ Geospatial One Stop

The simple yet powerful way to access and use soil data.



Welcome to Web Soil Survey (WSS)

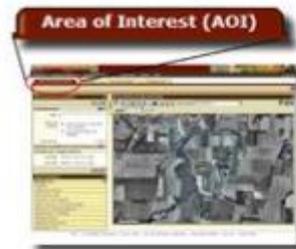


Web Soil Survey (WSS) provides soil data and information produced by the National Cooperative Soil Survey. It is operated by the USDA Natural Resources Conservation Service (NRCS) and provides access to the largest natural resource information system in the world. NRCS has soil maps and data available online for more than 95 percent of the nation's counties and

anticipates having 100 percent in the near future. The site is updated and maintained online as the single authoritative source of soil survey information.

Three Basic Steps

1 Define.



Use the [Area of Interest](#) tab to define your area of interest.

Mouseover to enlarge image.

I Want To...

- Start Web Soil Survey (WSS)
- Know the requirements for running Web Soil Survey
- Know whether my web browser works with Web Soil Survey
- Know the Web Soil Survey hours of operation
- Find what areas of the U.S. have soil data

Announcements/Events

- **Web Soil Survey 2.0 has been released! View description of new features.**

I Want Help With...

- How to use Web Soil Survey
- Known problems and workarounds
- Frequently Asked Questions
- Citing Web Soil Survey as a source of soils data

Area of Interest (AOI)

Soil Map

Soil Data Explorer

Shopping Cart (Free)

Printable Version

Add to Shopping Cart



Search

Map Unit Legend

Defiance County, Ohio (OH039)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
FsA	Fulton loam, 0 to 3 percent slopes	1.6	1.5%
FtA	Fulton silty clay loam, 0 to 3 percent slopes	35.7	33.2%
Lc	Latty silty clay	16.2	15.0%
NnA	Nappanee loam, 0 to 3 percent slopes	3.5	3.2%
So	Sloan silty clay loam, frequently flooded	24.3	22.6%
Wa	Wabasha silty clay loam, frequently flooded	26.5	24.5%
Totals for Area of Interest		107.8	100.0%

Soil Map

Legend Scale (not to scale)



View Soil Information By Use: All Uses

[Printable Version](#)[Add to Shopping Cart](#)[Intro to Soils](#)**Suitabilities and Limitations for Use**[Soil Properties and Qualities](#)[Ecological Site Assessment](#)[Soil Reports](#)

Search

Suitabilities and Limitations Ratings

[Open All](#) [Close All](#)

Building Site Development

Construction Materials

Disaster Recovery Planning

Land Classifications

Conservation Tree and Shrub Group

Ecological Site ID

Ecological Site Name

Farmland Classification

Forage Suitability Group ID (Component Table)

Hydric Rating by Map Unit[View Description](#)[View Rating](#)

View Options

Map Table Description of Rating Rating Options Detailed Description

Advanced Options

[View Description](#)[View Rating](#)

Irrigated Capability Class

Irrigated Capability Subclass

NH Forest Soil Group

Nonirrigated Capability Class

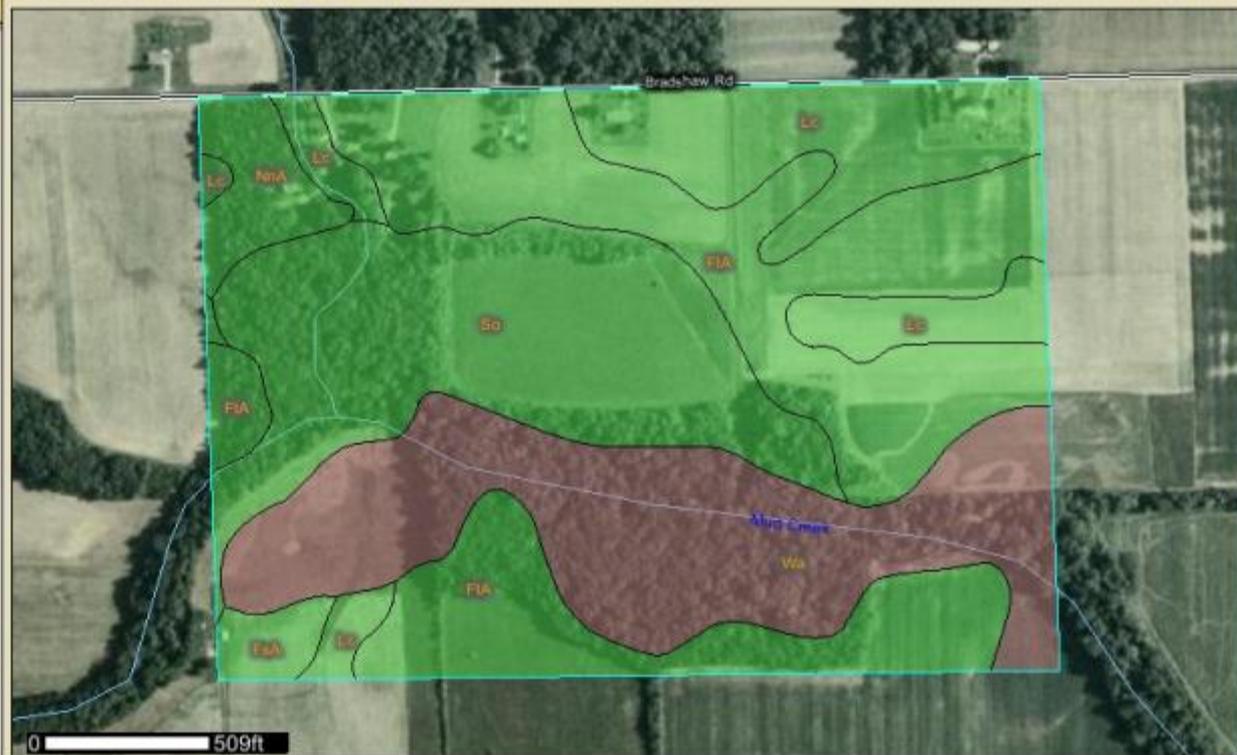
Nonirrigated Capability Subclass

Pasture and Hayland Suitability Group (OH)

Map — Hydric Rating by Map Unit

Legend

Scale (not to scale)



Tables — Hydric Rating by Map Unit — Summary By Map Unit

Summary by Map Unit — Defiance County, Ohio (OH039)

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
FsA	Fulton loam, 0 to 3 percent slopes	Partially Hydric	1.6	1.5%
FTA	Fulton silty clay loam, 0 to 3	Partially Hydric	35.7	33.2%



- Menu: Home
- Wetlands Data ↓
- Status and Trends ↓
- Wetlands Layer ↓
- Other Topics ↓
- NWI Program
- Contact Information ↓



Wetlands Mapper



Download Data



View Wetlands w/ Google Earth



Search Engine



Frequently Asked Questions



NWI Program



Contact Us

Wetlands provide a multitude of ecological, economic and social benefits. They provide habitat for fish, wildlife and a variety of plants. Wetlands are nurseries for many saltwater and freshwater fishes and shellfish of commercial and recreational importance. Wetlands are also important landscape features because they hold and slowly release flood water and snow melt, recharge groundwater, recycle nutrients, and provide recreation and wildlife viewing opportunities for millions of people.



Latest News and Reports



Publication of the Final National Wetland Plant List

The US Army Corps of Engineers, as part of an interagency effort with the US Environmental Protection Agency, the US Fish and Wildlife Service and the US Department of Agriculture Natural Resources Conservation Service, is announcing the availability of the final 2012 National Wetland Plant List (NWPL). The NWPL is used to determine whether the hydrophytic vegetation parameter is met when conducting wetland determinations under the Clean Water Act and the Wetland Conservation Provisions of the Food Security Act. The list will become effective on 6/1/12. [Click here to download the list](#), or [click here to for the Federal Register notice](#).



National Coastal Condition Report IV

The latest version of the National Coastal Condition Report has been released by EPA. The reports describe the ecological and environmental conditions in U.S. coastal waters. They summarize the condition of ecological resources in the coastal waters of the US and highlight several exemplary federal, state, tribal, and local programs that assess coastal ecological and water quality conditions. [Click here to download the report](#).



Status and Trends of Wetlands in the Conterminous United States 2004 to 2009: Report to Congress on the status and trends of our Nation's wetlands resources

This report is the latest in a continuous series spanning 50 years of wetlands data. It represents the most comprehensive and contemporary effort to track wetlands resources at a national scale. [Click here to download the report and related documents](#).



Data Collection Requirements and Procedures for Mapping Wetland, Deepwater and Related Habitats

With the adoption of a new Federal [Wetlands Mapping Standards](#), the USFWS has developed an important [companion document](#) (PDF) that describes the technical procedures and requirements for wetlands map data. The document is intended to aid organizations or individuals mapping wetlands and applying the [Cowardin et al. Classification System](#). It explains the appropriate application of wetland classification and mapping process, and how to achieve the data quality requirements now required in the new FGDC Standards.

Visit our [News](#) page for a complete list of News and Reports. [Follow us on Facebook for the latest](#)



U.S. Fish and Wildlife Service

National Wetlands Inventory

Oct 19, 2012



Wetlands

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

Status

- Digital
- Scan
- Non-Digital
- No Data

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

User Remarks:

Coastal Zone Management

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

Home Repair

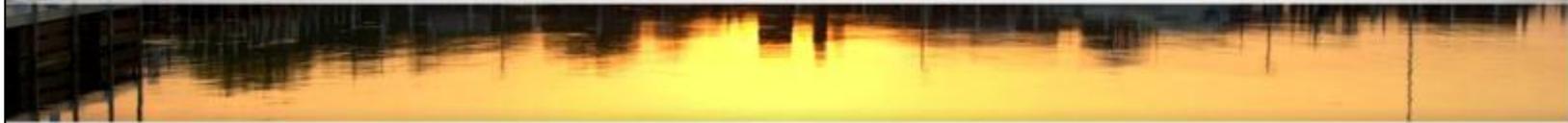
Home Repair – Septic

New Housing Const.

Coastal Zone Management

- Coastal Zone Management Act of 1972
- Counties that border Lake Erie





Welcome to the ODNR Office of Coastal Management

Lake Erie Links

- [Contact Us](#)
- [Coastal A-Z](#)
- [Beaches in Ohio](#)
- [Boating](#)
- [Coastal Counties](#)
- [Facts and History](#)
- [Fishing](#)
- [Great Lakes Compact](#)
- [Lake Erie Literacy](#)
- [License Plates](#)
- [Marine Forecast \(NWS\)](#)
- [Nautical Chart \(NOAA\)](#)
- [Regulatory Programs](#)
- [OCMP Document](#)
- [Satellite Images](#)
- [Experimental Harmful Algal Blooms Bulletin](#)
- [Water Temps/Levels/ Currents/Winds \(GLCFS\)](#)
- [Water Levels \(USACE\)](#)
- [facebook](#)

Protect Lake Erie



Office of Coastal Management Mission:

"Achieve a balance between use and preservation of Lake Erie's coastal resources, in collaboration with our partners, by effectively administering the Ohio Coastal Management Program."

- [About the Office of Coastal Management](#)
- [Strategic Plan for 2008-2013](#)
- [Map to our offices](#)

Ohio Coastal Management Program

[Memil](#) [Submerged Lands Leases](#)



Navigation controls: Compass, Home, Previous View, Next View, Zoom Slider, Full Screen, Print

Layers

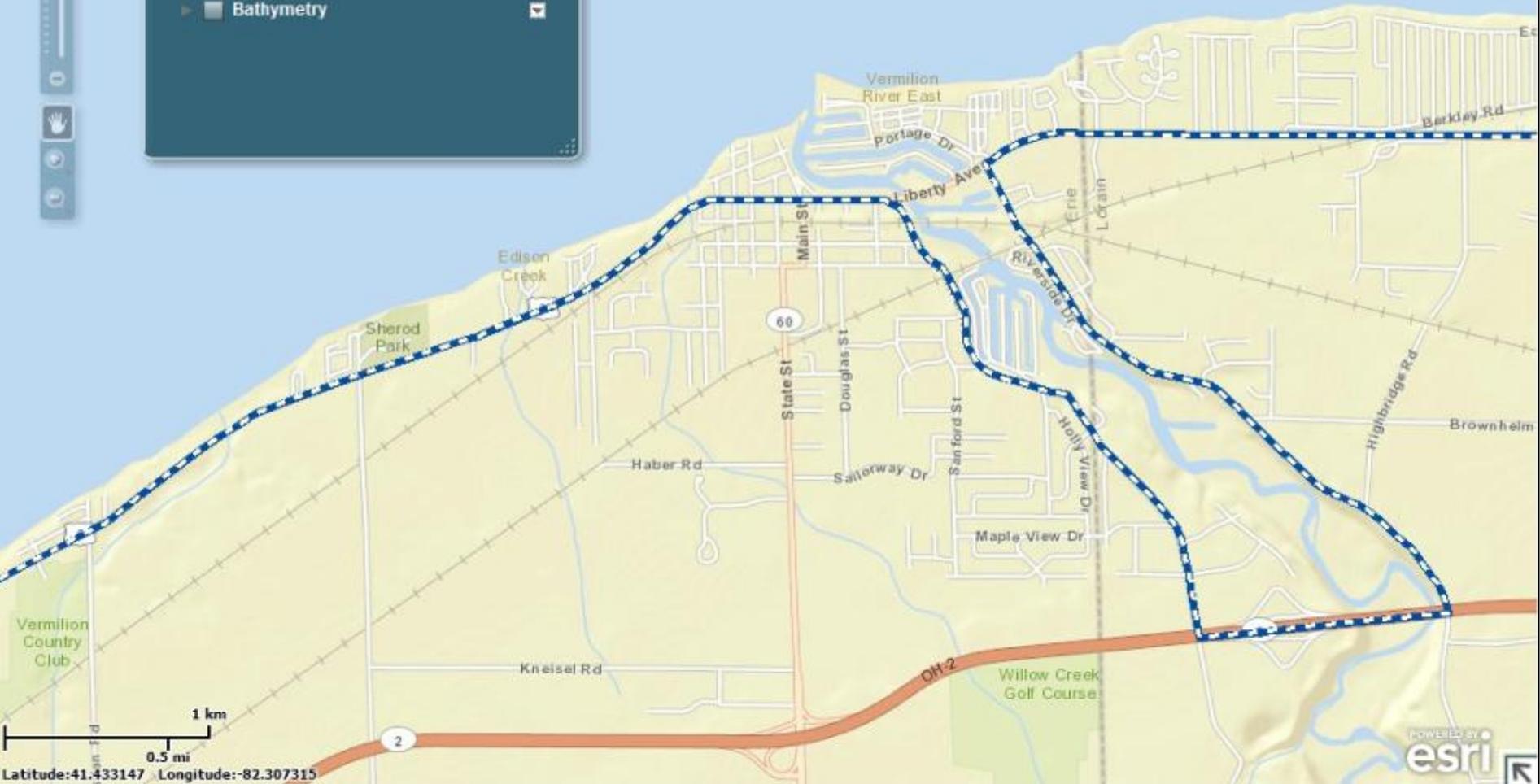
Layer Visibility

- Coastal Management Area
- Hydrography
- Transportation
- Quadrangle Index
- Subdivisions
- Bathymetry

OCA

Streets Aerial Quad

Map Style Selection and OCA Logo



Latitude: 41.433147 Longitude: -82.307315



Sole Source Aquifer

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

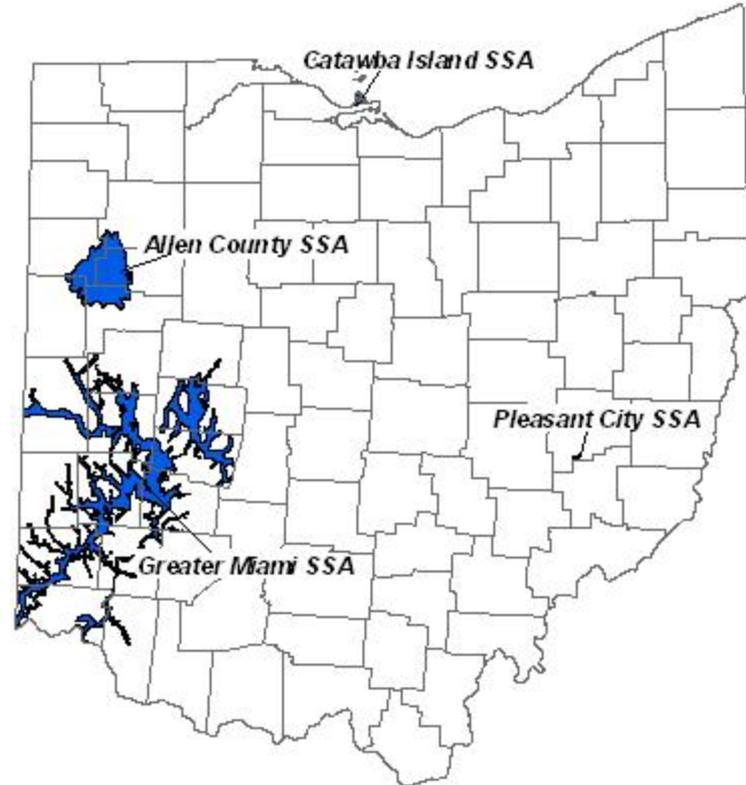
Home Repair

Home Repair – Septic

New Housing Const.

Sole Source Aquifer

- Safe Drinking Water Act of 1974



Sole Source Aquifer

- Memorandum of Understanding with US EPA Region V **exempts:**
 - new construction of 1 to 4 residential units
 - demolition of vacant dilapidated residential structures
 - rehabilitation of residential units



Ground Water Quality Characterization Program

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

[→ Interactive Map of Ambient Well Locations and Monitoring Data](#)

[Ground Water Monitoring](#)

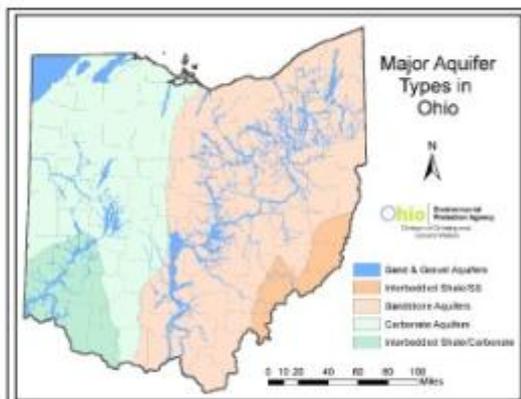
[Ground Water Quality Data](#)

[Ohio's Aquifers](#)

[Publications](#)

[Resources](#)

[Contacts](#)



Major Aquifers in Ohio

Ohio's aquifers can be divided into three major types: Sand and Gravel, Sandstone, and Carbonate.

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

Endangered Species

Private Owner Rehab

Rental Rehabilitation

Homeownership

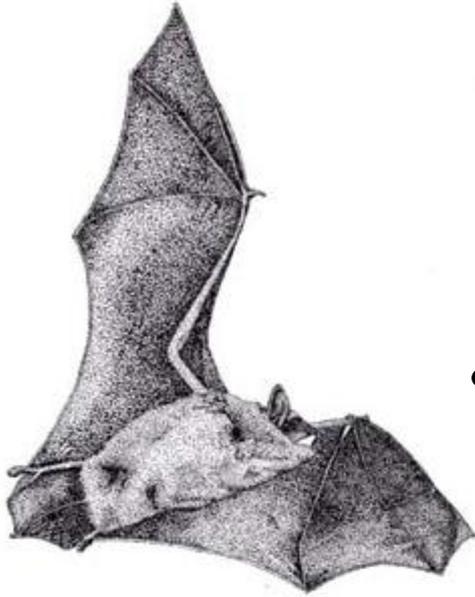
Acq./Rehab/Resale

Home Repair

Home Repair – Septic

New Housing Const.

Endangered Species



- Endangered Species Act



Endangered Species

- Review US Fish & Wildlife Endangered Species List
- Evaluate habitat potential
- Coordinate with [US Fish & Wildlife](#), if necessary
- Coordinate with [Ohio Department of Natural Resources](#) if site contains potentially sensitive habitats



Search

Midwest Endangered Species Home

What We Do

Species Information

Featured Species

State and County Lists

Species Lists

Fact Sheets, Brochures, and Pamphlets

Field Offices

Regional Office Location and Staff

Contact Us



Connect With Us

Ohio

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

[Download PDF](#)

For more information about threatened and endangered species in Ohio, contact the [U.S. Fish & Wildlife Service office at 4625 Morse Road, Suite 104 Columbus, Ohio 43230 \(614-416-8993\)](#)

Bald Eagle

Bald eagles are no longer protected under the federal Endangered Species Act and Section 7 consultation with the U.S. Fish and Wildlife Service is no longer necessary. However, the bald eagle remains protected under the Bald and Golden Eagle Protection Act.

[Information about Bald Eagles](#)

[Information about Eagle Permits and the Bald and Golden Eagle Protection Act](#)

Revised October 2013

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>	Proposed as Endangered	Hibernates in caves and mines - swarming in surrounding wooded areas in autumn. During late spring and summer roosts and forages in upland forests.

ODNR Division of Wildlife - Wild Resources - Ohio Natural Heritage Database

Educator Resources

Research & Surveys

Nuisance Wildlife

Invasive Species

Diseases in Wildlife

Endangered and Threatened Wildlife

Ohio Natural Heritage Database

On Ohio's Wild Side

Private Lands Management

Wildlife Publications

A-Z Species Guide

Photo Gallery

WildOhio Cookbook

Calendar of Events

Support Ohio's Wildlife

Ohio Natural Heritage Database

The Natural Heritage Database was managed by the Division of Natural Areas & Preserves' Natural Heritage Program starting in 1976. In 2010, the Database was transferred to the Division of Wildlife.

It now contains more than 19,000 records which represent known locations for Ohio's rare plants and animals, high quality plant communities and other natural features.

Data are obtained from a broad range of sources throughout the state.

In addition to the division's needs, data are used in the department's environmental review process and are provided to consulting firms, federal, state and local government agencies, researchers and conservation groups.

To request Natural Heritage data, please use the [Natural Heritage Database Data Form](#).



State Rare Wild Lupine Blooming at Meilke Road Savanna Wildlife Area

RELATED BIODIVERSITY INFORMATION

[Ohio Natural Heritage Database](#)

[Ohio Rare Plant List 2010-2011 \(pdf\)](#)

[Ohio Rare Plants with Abstracts](#)

[Ohio State-listed Species by County](#)

[Natural Heritage Database Data Request Form \(pdf\)](#)

[Endangered and Threatened Wildlife](#)

Wild and Scenic Rivers

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

Home Repair

Home Repair – Septic

New Housing Const.

Wild and Scenic Rivers

- Wild and Scenic Rivers Act of 1968
- Ohio Scenic Rivers Act (ORC 1517.14 to 1517.18)



Wild and Scenic Rivers

- Review State Scenic Rivers map
- Verify if project is within 1000 feet of a Scenic River (**and** outside the limits of a municipal corporation)
- Coordinate with [Ohio Department of Natural Resources](#) Scenic Rivers contact, if necessary

ODNR Division of Watercraft - Scenic Rivers



Register Your Boat

Where to Boat

Education

Boating Laws

Scenic Rivers

Stream Quality Monitoring

Donate

News & Events

Publications & Data

Safety Tips

Common Questions

Clean Boating

Ohio's Scenic Rivers

Map | The Scenic Rivers Act | Scenic Rivers Designations | Contacts | Donate

Map of Ohio's Scenic Rivers



Ohio's Scenic Rivers

- [Ashtabula River](#)
- [Chagrin River](#)
- [Conneaut Creek](#)
- [Big & Little Darby Creeks](#)
- [Grand River](#)
- [Kokosing River](#)
- [Little Beaver Creek](#)
- [Little Miami River](#)
- [Maumee River](#)
- [Mohican River](#)
- [Olentangy River](#)
- [Sandusky River](#)
- [Stillwater River/ Greenville Creek](#)
- [Upper Cuyahoga River](#)



Air Quality

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

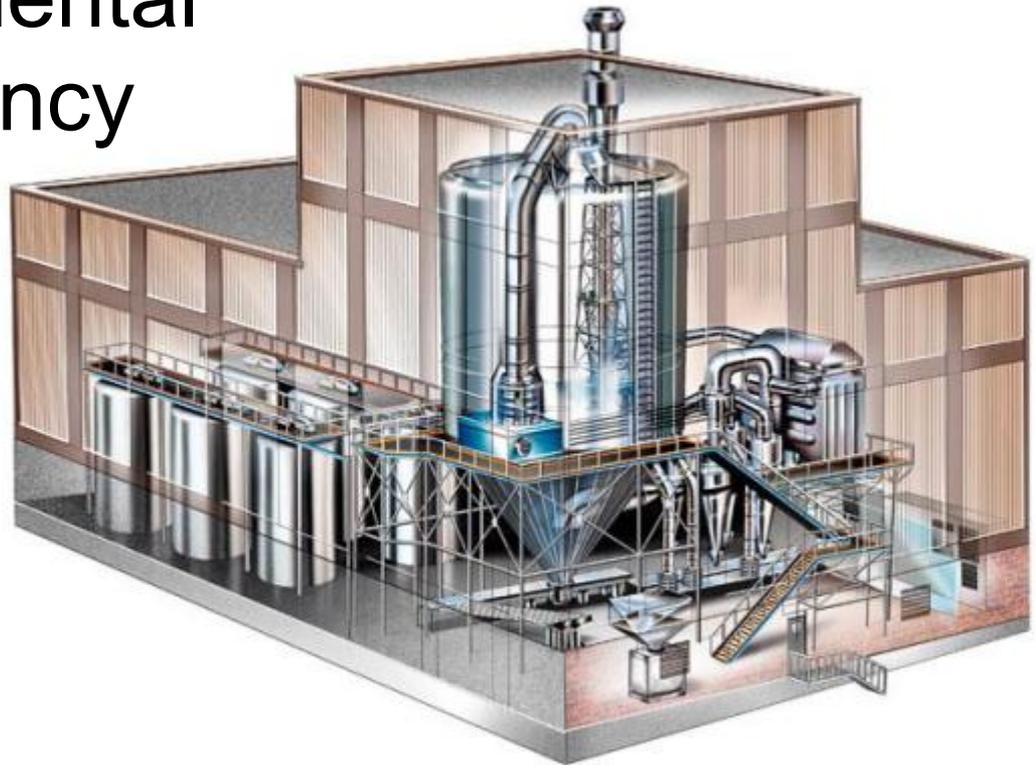
Home Repair

Home Repair – Septic

New Housing Const.*

Air Quality

- Clean Air Act
- Ohio Environmental Protection Agency
Air Pollution
Regulations





Division of Air Pollution Control



The Division of Air Pollution Control ensures compliance with the federal Clean Air Act and the Emergency Planning and Community Right-to-Know Act as part of its mission to attain and maintain air quality at a level that protects the environment and public health. The division reviews, issues and enforces permits for installation and operation of sources of air pollution and operates an extensive outdoor air monitoring network. The division also oversees an automobile emission testing program to minimize emissions from mobile sources.

 **E-Check**
1-800-CAR-TEST (1-800-227-8378)



Ohio's air monitoring network is one of the largest in the U.S.

[Featured Topics](#)

[About Us](#)

[Programs](#)

[FAQ/How Do I](#)

[Contacts](#)

This page provides links to information about specific programs.

[E-Check Home Page](#)

Asbestos and CHIP

- Two State agencies involved with asbestos regulation: **OEPA** and **Ohio Dept. of Health**
- **OEPA**: implements the National Emission Standard for Hazardous Air Pollutants (NESHAP) Standard for Asbestos
- **ODH**: licenses and certifies contractors involved with the asbestos abatement industry

ODH Regulations

- No survey requirement
- If a project will disturb 50 LF or 50 SF of friable asbestos-containing material, must be abated by a licensed abatement specialist

OEPA Regulations

- Determine “owner/operator” of the project:
 - Homeowner
 - Non-profit / Local government
- If **homeowner** maintains control of project, NESHAP is **not** applicable (e.g. Private Owner Rehab, Home Repair, etc.)
- NESHAP **does** apply to **Acq/Rehab/Resale** and non-homeowner controlled demo (e.g. Habitat for Humanity demo/new const)

OEPA Regulations

If compliance is required:

- **Survey** (by licensed asbestos hazard evaluation specialist)
- **Submit** notification to OEPA:
 - for demo (whether asbestos or no);
 - for rehab, only if the amount of RACM exceeds regulatory threshold
- **Abate** if cumulative amount of RACM exceeds 260 LF or 160 SF; or (per ODH rules) the amount is 50 LF or 50 SF in an individual house.

Farmland Protection

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

Home Repair

Home Repair – Septic

New Housing Const.

Farmland Protection

- Farmland Protection Policy Act



Farmland Protection

- Does the project site meet the regulatory definition of “farmland?”
 - does not apply to land already in or committed to urban development**
- Review soil types
- Complete Farmland Conversion Impact Rating Form, if necessary
- Coordinate with [County Natural Resource Conservation Service](#), if necessary

Search

- o Search Tips
- o Advanced Search

Browse By Audience

Browse By Location

Browse By Subject

- › Programs & Services
- › Technical Resources

Land Use

- o Cropland
- o Farmland Protection Policy Act
- o Forestry
- o Range & Pasture

- › Soils
- › Water
- › Air
- › Plants & Animals
- › Energy
- › Climate Change

You are here: [Home](#) / [Land Use](#) / Farmland Protection Policy Act

Farmland Protection Policy Act

Background



The National Agricultural Land Study of 1980-81 found that millions of acres of farmland were being converted in the United States each year. The 1981 Congressional report, *Compact Cities: Energy-Saving Strategies for the Eighties*, identified the need for Congress to implement programs and policies to protect farmland and combat urban sprawl and the waste of energy and resources that accompanies sprawling development.

energy and resources that accompanies sprawling development.

The Compact Cities report indicated that much of the sprawl was the result of programs funded by the Federal Government. With this in mind, Congress passed the Agriculture and Food Act of 1981 (Public Law 97-98) containing the Farmland Protection Policy Act (FPPA) subtitle I of Title XV, Section 1539-1549. The final rules and regulations were published in the Federal Register on June 17, 1994.

Purpose

The FPPA is intended to minimize the impact Federal programs have on the unnecessary and irreversible conversion of farmland to nonagricultural uses. It assures that to the extent possible federal programs are administered to be compatible with state, local units of government, and private programs and policies to protect farmland. Federal agencies are required to develop and review their policies and procedures to implement the FPPA every two years.

FPPA Forms and Resources

- o Farmland Protection Policy Act Manual (441 KB)
- o Farmland Protection Policy Act, Public Law (15 KB)
- o FPPA Rule, 7 CFR 658 (63 KB)
- o Farmland Conversion Impact Rating (Form AD-1006) (187 KB)
- o Farmland Conversion Impact Rating, Corridors (Form NRCS-CPA-106) (43 KB)
- o Evaluating Implementation of the Farmland Protection Act (FPPA) Annual Report (for NRCS use only), NRCS-CPA-2

Annual Reports

- o Farmland Protection Policy Act 2011 Annual Report (302 KB)
- o Farmland Protection Policy Act 2010 Annual Report (860 KB)
- o Farmland Protection Policy Act 2009 Annual Report (328 KB)
- o Farmland Protection Policy Act 2008 Annual Report (322 KB)
- o Farmland Protection Policy Act 2007 Annual Report (456 KB)

View Soil Information By Use: All Uses

[Printable Version](#)[Add to Shopping Cart](#)[Intro to Soils](#)**Suitabilities and Limitations for Use**[Soil Properties and Qualities](#)[Ecological Site Assessment](#)[Soil Reports](#)

Search

Suitabilities and Limitations Ratings

[Open All](#)[Close All](#)

Building Site Development

Construction Materials

Disaster Recovery Planning

Land Classifications

Conservation Tree and Shrub Group

Ecological Site ID

Ecological Site Name

Farmland Classification[View Description](#)[View Rating](#)

View Options

Map Table Description of Rating Rating Options Detailed Description

Advanced Options

[View Description](#)[View Rating](#)

Forage Suitability Group ID (Component Table)

Hydric Rating by Map Unit

Irrigated Capability Class

Irrigated Capability Subclass

NH Forest Soil Group

Nonirrigated Capability Class

Nonirrigated Capability Subclass

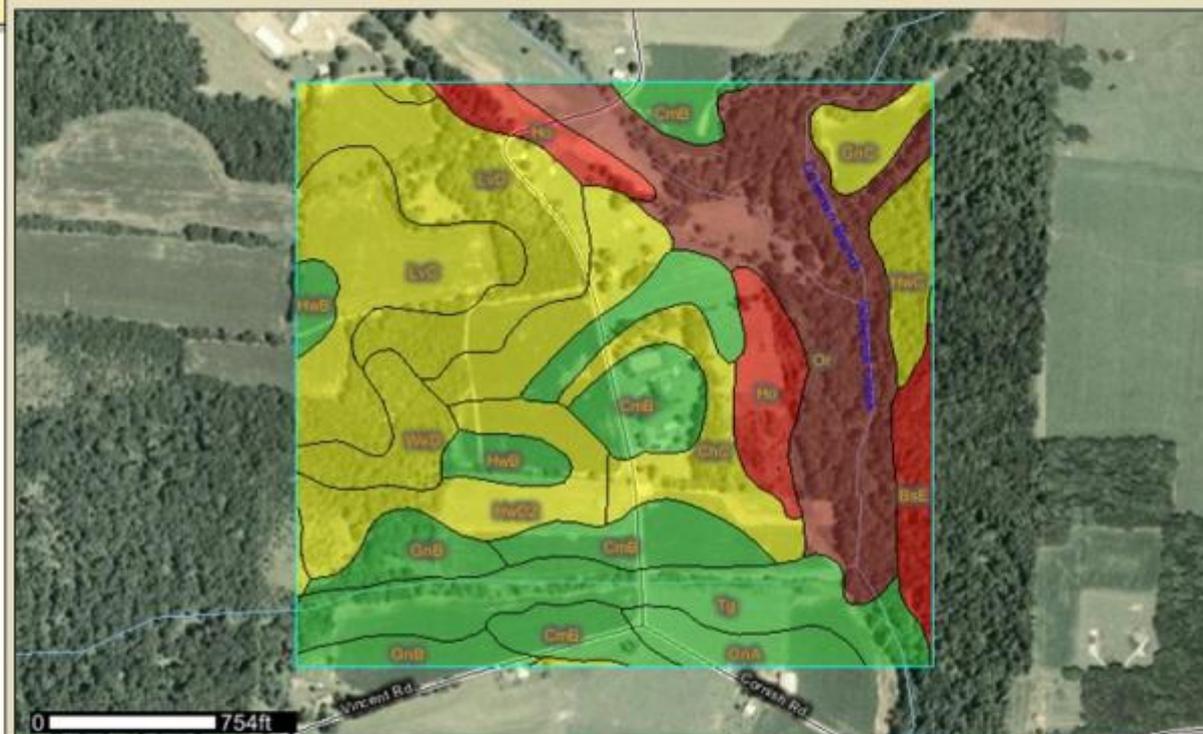
Pasture and Hayland Suitability Group (OH)

Map – Farmland Classification



Scale

(not to scale)



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

Tables – Farmland Classification – Summary By Map Unit

Summary by Map Unit – Knox County, Ohio (OH083)

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
BsE	Brownsville-Westmoreland complex, 18 to 25 percent slopes	Not prime farmland	4.6	2.6%
ChC	Chili gravelly loam, 6 to 12 percent slopes	Farmland of local importance	8.8	5.1%

Noise

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

Home Repair

Home Repair – Septic

New Housing Const.

Noise

- 24 CFR Part 51
(Noise Abatement
and Control)
- HUD Noise
Guidebook



Noise

- HUD noise regulations focus on housing projects
 - Major roads within 1,000'
 - Railroads within 3,000'
 - Airports within 15 miles

Site Acceptability Standards

	Day-night average Sound level (in decibels)
Acceptable	Not exceeding 65 dB
Normally Unacceptable	Above 65 dB but not exceeding 75 dB
Unacceptable	Above 75 dB



MONDAY, OCTOBER 24, 2011

HUD.GOV

U.S. Department of Housing and Urban Development

Secretary Shaun Donovan



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[Site Map](#) [A-Z Index](#) [Text](#) [A](#) [A](#) [A](#)

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The Noise Guidebook

This *Noise Guidebook* has been prepared to serve as the basic reference document for all HUD field staff who are responsible for implementing the Department's noise policy. It brings together in one place all the various reports, informational papers and other items that have been put out by the Department over the past several years. It also contains several items designed to make your job easier.

This *Guidebook* is designed to serve not only the experienced HUD staff member but also the new employee or the old employee who is new to the noise field. Because of this, the *Guidebook* contains some fairly basic background material specifically geared for the "learner"

The *Guidebook* is divided into seven chapters:

[Preface](#)

[Errata Sheet](#) - Railway Noise Guidance and Calculation Corrections

[Chapter 1](#) - Basic Overview of the Environmental Noise Problem

[Chapter 2](#) - The Noise Regulation

[Chapter 3](#) - Major Policy Questions

[Chapter 4](#) - Noise Attenuation

▸ [Chapter 4 Supplement: Sound Transmission Class Guidance](#)

[Word](#) | [PDF](#)

[Chapter 5](#) - Noise Assessment Guidelines

Fly To Find Businesses Directions

Fly to e.g., Tokyo, Japan

Places

- My Places
- Sightseeing Tour
 - Make sure 3D Buildings layer is checked

Ruler

Line Path

Measure the distance between two points on the ground

Map Length: 1,212.89 Feet

Ground Length: 1,212.97

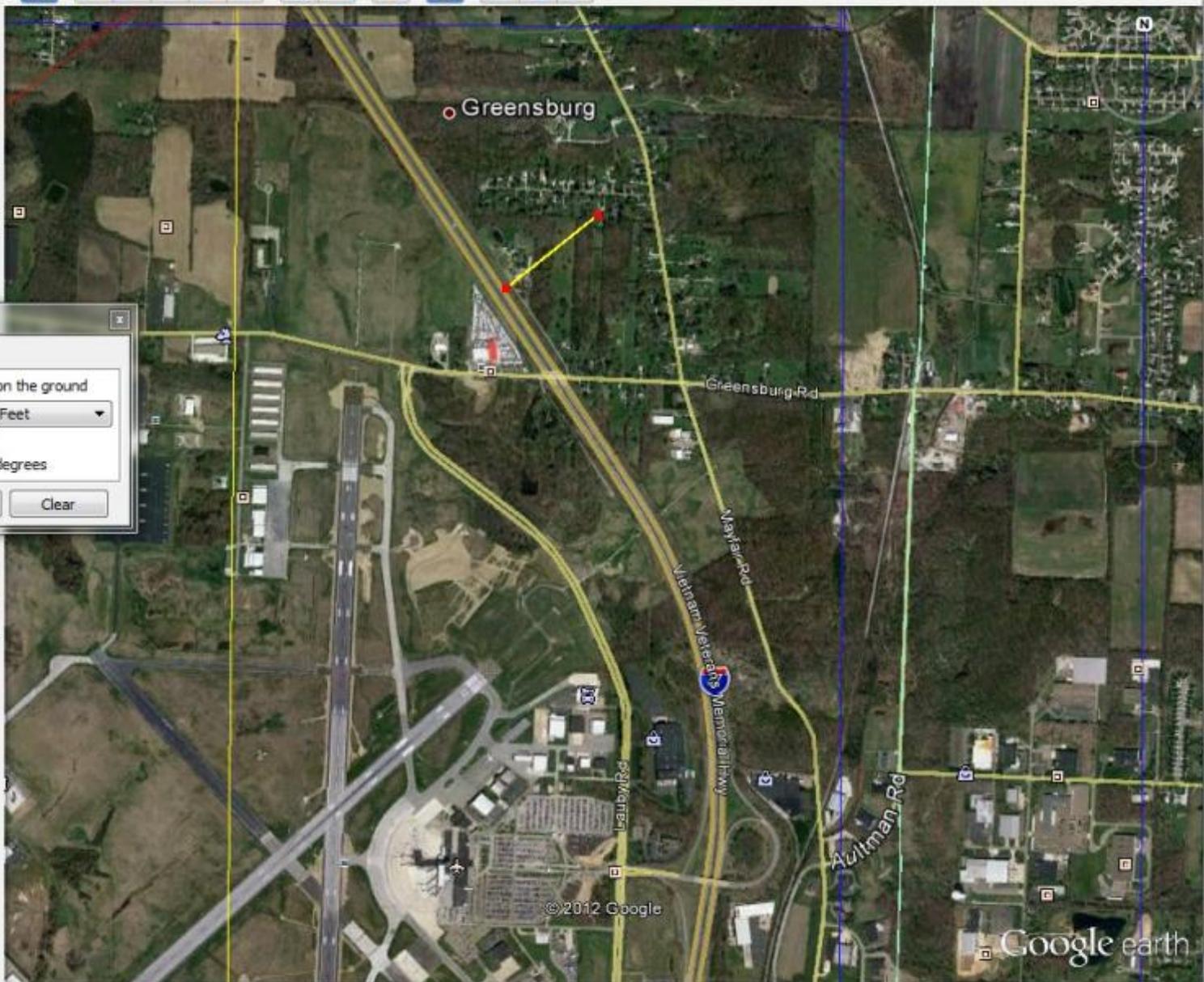
Heading: 230.95 degrees

Mouse Navigation Save Clear

Temporary Places

Layers Earth Gallery

- Primary Database
- Borders and Labels
- Places
- Photos
- Roads
- 3D Buildings
- Ocean
- Weather
- Gallery
- Global Awareness
- More





Site DNL Calculator

For more information on using the noise calculator, to access the user guidebook, or send comments, please visit the following page:

[Day/Night Noise Level Electronic Assessment Tool](#)

Guidelines:

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

Site ID

Record Date

User's Name

Airport Noise Level

Loud Impulse Sounds? Yes No

Combined DNL for all Road and Rail sources

Providing Feedback & Corrections

After using the DNL Assessment Tool, following the directions in the User's Guide, users are encouraged to provide feedback on how the DNL Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool. Please send comments or other input to: ATEC@hud.gov

Related Information

- ▶ [Day/Night Noise Level Assessment Tool User Guide](#)
- ▶ [Day/Night Noise Level Assessment Tool Flowcharts](#)

System Requirements

- ▶ Internet Explorer 6.0 or above
- ▶ Adobe Reader
- ▶ Enabling JavaScript

Road #1			
Vehicle Type	Cars <input type="checkbox"/>	Medium Trucks <input type="checkbox"/>	Heavy Trucks <input type="checkbox"/>
Effective Distance	<input type="text"/>	<input type="text"/>	<input type="text"/>
Distance to Stop Sign	<input type="text"/>	<input type="text"/>	<input type="text"/>
Average Speed	<input type="text"/>	<input type="text"/>	<input type="text"/>
Average Daily Trips (ADT)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Night Fraction of ADT	<input type="text"/>	<input type="text"/>	<input type="text"/>
Road Gradient (%)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Vehicle DNL	<input type="text"/>	<input type="text"/>	<input type="text"/>
Calculate Road #1 DNL		<input type="text"/>	Reset

Railroad #1 Track Identifier:

Rail # 1		
Train Type	Electric <input type="checkbox"/>	Diesel <input type="checkbox"/>
Effective Distance	<input type="text"/>	<input type="text"/>
Average Train Speed	<input type="text"/>	<input type="text"/>
Engines per Train	<input type="text"/>	<input type="text"/>
Railway cars per Train	<input type="text"/>	<input type="text"/>
Average Train Operations (ATO)	<input type="text"/>	<input type="text"/>
Night Fraction of ATO	<input type="text"/>	<input type="text"/>
Railway whistles or horns?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Bolted Tracks?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Train DNL	<input type="text"/>	<input type="text"/>
Calculate Rail #1 DNL		Reset

Add Road Source

Add Rail Source

PUCO Interactive Railroad Map

RRIS Railroad Crossings in Ohio

Help | PUCO Maps | PUCO Main Page

Find Public RR Xing by Number | Find Crossing By Street/City/Cnty | Find Other Crossing | Print | Find Address

1:4,513

Results

Map Contents

- Railroad
 - Rail Crossings
 - Rail Crossings - Public
 - Rail Crossings - Other
 - Rail Crossings - 1:500,000 up
 - Rail Lines
 - Counties
- Transportation - Use Over Aerials
 - World Transportation
- Street map
 - World Street Map
- Aerials
 - World Imagery
 - Low Resolution 15m Imagery
 - High Resolution 60cm Imagery
 - High Resolution 30cm Imagery

Copyright



1423865 (Rail Crossings - Public)

ID	5750
Crossing	1423865
EffDate	9/3/2008
City	SHERWOOD
Railroad	CSX
RRSubDiv	WILLARD
Highway	US127-
Street	HARRISON ST
RRDiv	CHICAGO
TTStn	SHERWOOD
MilePost	97.22
TypeXing	public
Ver. Control	1:500,000 up
Railroad > Rail Crossings - Public	
Add to Results	



8.02 - Query by Crossing

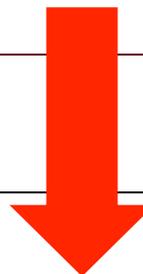
Number: 142386S

Total Records: 1

Report Type: Inventory Accident Contact Sheet

Inventory: Current History

Crossing#	State	Rr	Type	Position	Status	Milepost	County	City	Division	SubDivision	Branch	Street
<input type="checkbox"/> 142386S	OH	CSX	Public	At Grade	Open	009722	DEFIANCE	SHERWOOD	GREAT LAKE DIV	GARRETT		HARRISON ST



Part II Railroad Information

Number of Daily Train Movements:

Less Than One Movement Per Day: **No**

Total Trains: **79** Total Switching: **0**

Day Thru: **30**

Typical Speed Range Over Crossing: From **30** to **79** mph

Maximum Time Table Speed: **79**

Type and Number of Tracks: Main: **2** Other **0**

Specify:

Does Another RR Operate a Separate Track at Crossing?

No

Does Another RR Operate Over Your Track at Crossing?

Yes: ATK

Figure 3
Charts for Estimating
DNL for Aircraft Operations

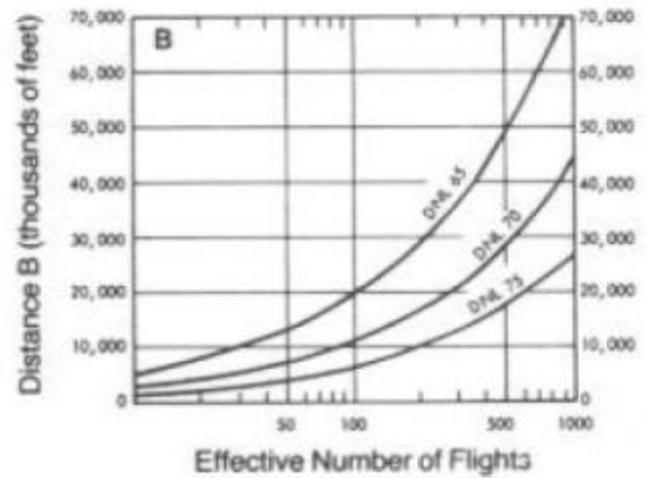
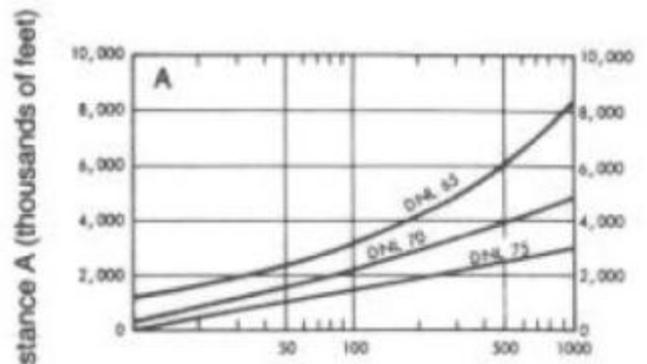
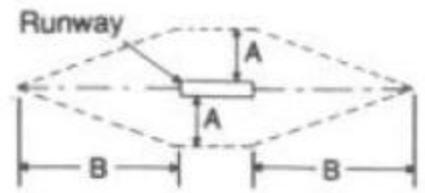
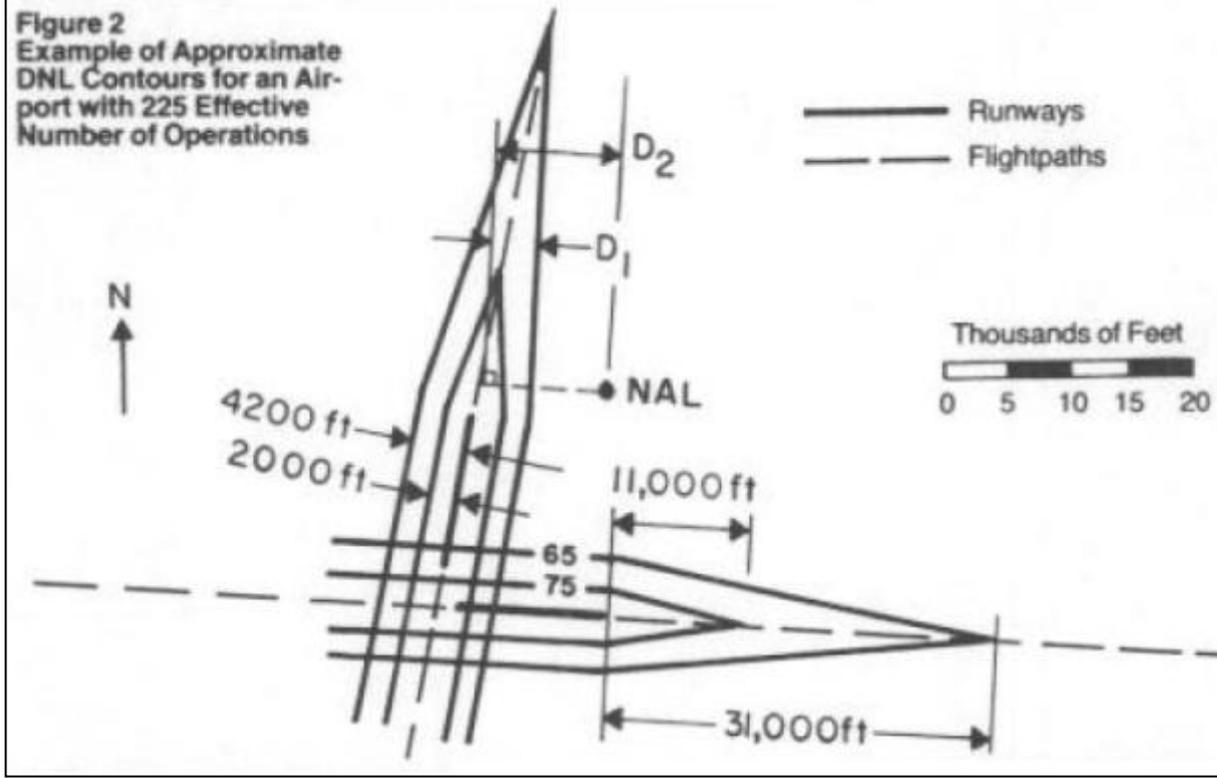
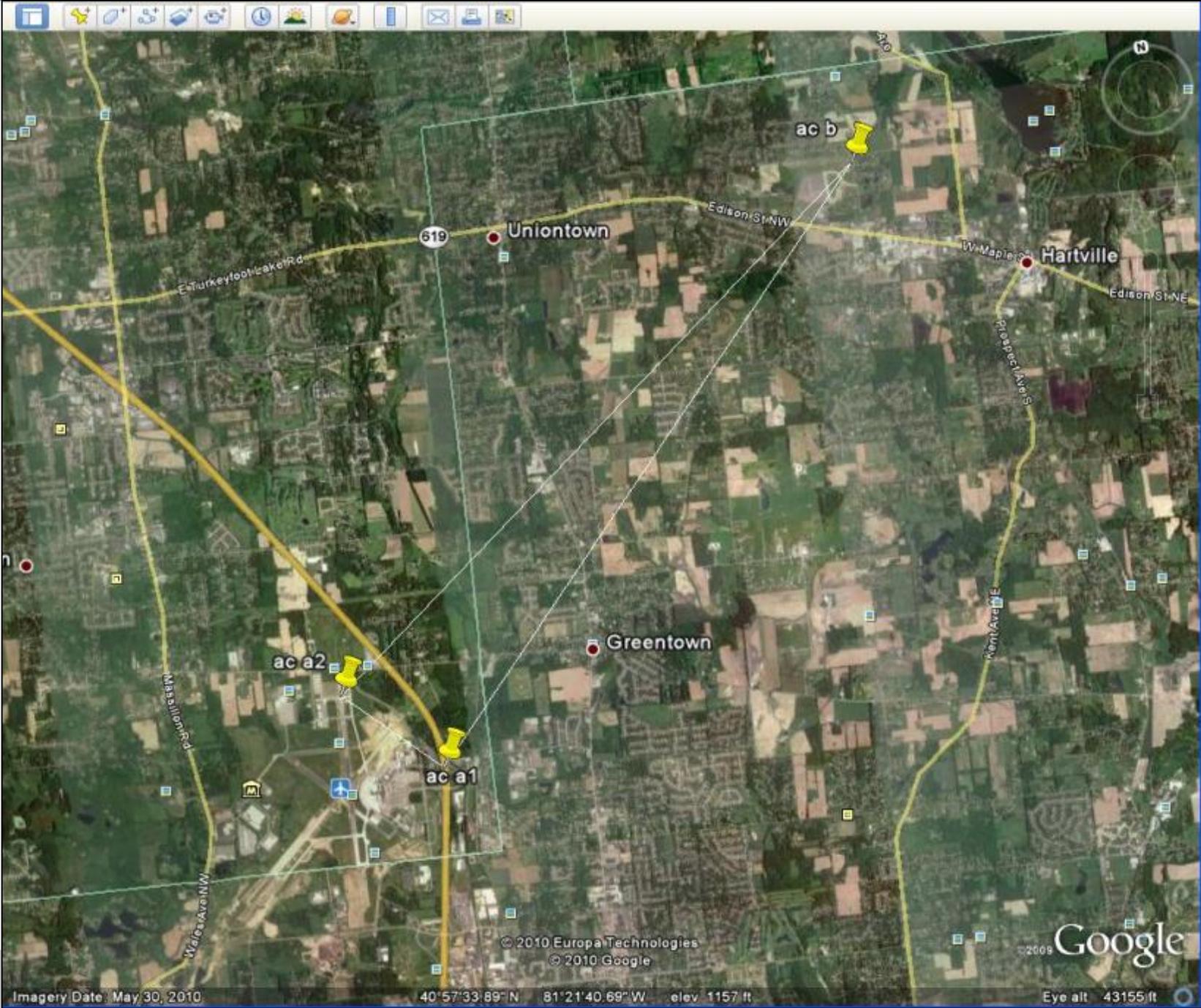


Figure 2
Example of Approximate
DNL Contours for an Air-
port with 225 Effective
Number of Operations





Imagery Date: May 30, 2010

40° 57' 33.89" N 81° 21' 40.69" W elev. 1157 ft

Eye alt 43155 ft

ment Agency



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U.S. Department of Housing and Urban Development



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[STraCAT User Guide](#)
 The Sound Transmission Classification Assessment Tool User Guide - V1.0 (STraCAT)

Sound Transmission Classification Assessment Tool (STraCAT)

Part I - Description

* Required Fields

Project: Sponsor/Developer:
 Location: Prepared by:
 * Noise Level (in dB): Date:
 Primary Source(s):

Part II - Wall Components

Wall Construction Detail	Area	STC
<- select wall -> <input type="button" value="Update"/> <input type="button" value="↻"/>	0.0	0
<- select wall -> <input type="button" value="Update"/> <input type="button" value="↻"/>	0.0	0
<- select wall -> <input type="button" value="Update"/> <input type="button" value="↻"/>	0.0	0
0 Sq. Feet		0.0

- Select Material By Image -

Select an Image/Text from the following list:

[Hollow core brick](#)

1. Hollow core brick, mortared together.

A-1
2.

[Common brick](#)

1. Common brick, mortared together.
 2. 1/2" gypsum/sand plaster.

Flammable and Explosive Hazards

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

Home Repair

Home Repair – Septic

New Housing Const.

Flammable and Explosive Hazards

24 CFR Part 51



Siting of HUD-Assisted
Projects Near
Hazardous Facilities

Flammable and Explosive Hazards

- Examine 1-mile radius around project site for any operation that stores, handles, or processes flammable or explosive materials
- Calculate Acceptable Separation Distance (ASD) for identified hazards



MONDAY, OCTOBER 24, 2011

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Related Information



Assessment Tools for Environmental Compliance

Guidebook Contents

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Siting of HUD-Assisted Projects near Hazardous Facilities (HUD-1060-CPD, Sept. 2011)

Acceptable Separation Distances from Explosive and Flammable Hazards

The purpose of this guidebook is to provide HUD staff, community planners, architects, engineers, developers, and participants in HUD-assisted projects with the technical guidelines for determining the acceptable separation distance for the siting of residential buildings, mobile home parks or other HUD-assisted projects near stationary hazardous operations which store, handle or process chemicals or petrochemicals of an explosive or flammable nature.

Although the Regulation at [24 CFR Part 51](#), Subpart C of the Code of Federal Regulations and this guidebook apply specifically to all HUD-assisted projects, the application of these standards can be used by anyone concerned with the safe siting of new residential development. Specifically, it describes the procedures for collecting data about a proposed HUD-assisted project site and a potential hazard and details the steps for calculating the acceptable separation distance (ASD) between the hazard and the project site.

The Guidebook now includes all chapters and six separate appendices.

- ▶ [Guidebook](#)
- ▶ [Appendix A](#) - Flowcharts
- ▶ [Appendix B](#) - Worksheets
- ▶ [Appendix C](#) - Data Resources
- ▶ [Appendix D](#) - Bibliography and Photographic Credits

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft²-hr people and 10,000 BTU/ft²-hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool	
Is the container above ground?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Is the container under pressure?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Does the container hold a cryogenic liquified gas?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Is the container diked?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
What is the volume (gal) of the container?	<input type="text"/>
What is the Diked Area Length (ft)?	<input type="text"/>
What is the Diked Area Width (ft)?	<input type="text"/>
<input type="button" value="Calculate Acceptable Separation Distance"/>	
Diked Area (sqft)	<input type="text"/>
ASD for Blast Over Pressure (ASDBOP)	<input type="text"/>
ASD for Thermal Radiation for People (ASDPPU)	<input type="text"/>
ASD for Thermal Radiation for Buildings (ASDBPU)	<input type="text"/>
ASD for Thermal Radiation for People (ASDPNPD)	<input type="text"/>
ASD for Thermal Radiation for Buildings (ASDBNPD)	<input type="text"/>

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Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool. Please send your comments or other input to: ATEC@hud.gov

Related Information



Assessment Tools for Environmental

Compliance

- ▶ [ASDs User Guide](#)
- ▶ [ASD Flow Chart](#)

Runway Clear Zones

Private Owner Rehab

Rental Rehabilitation

Homeownership

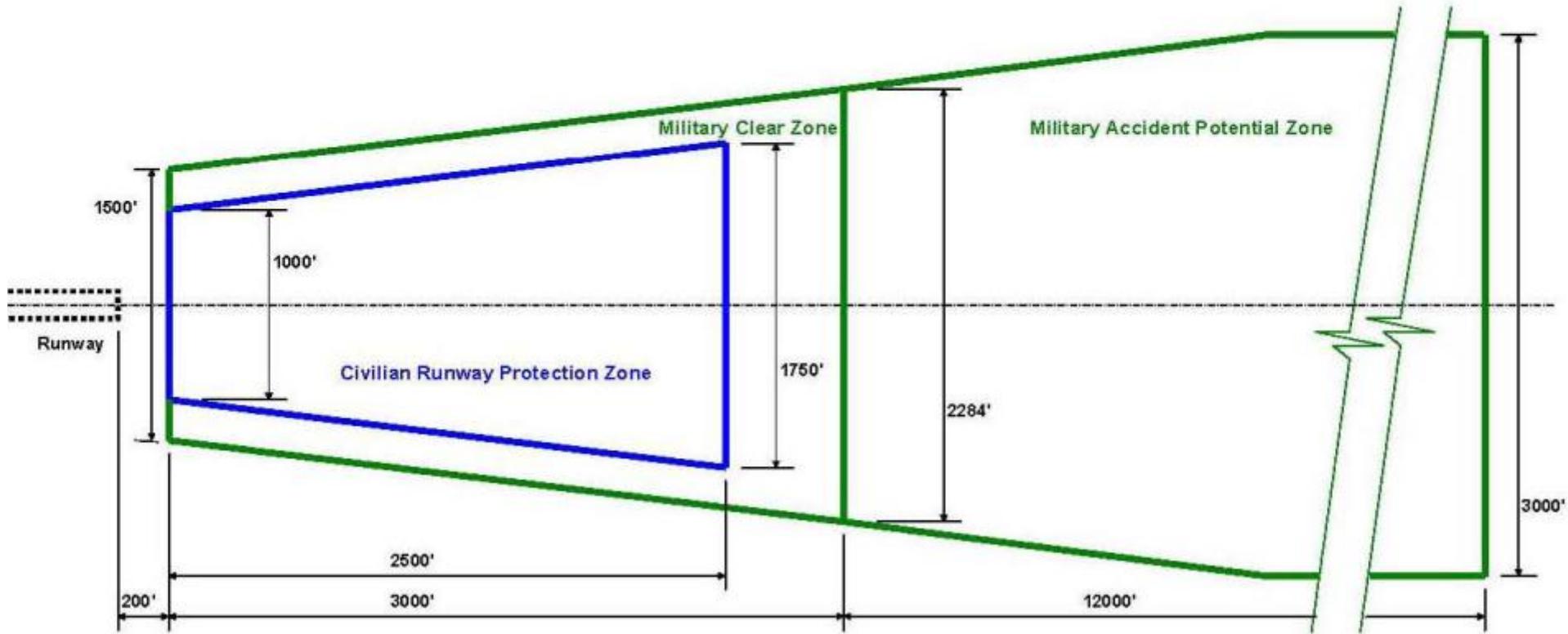
Acq./Rehab/Resale

Home Repair

Home Repair – Septic

New Housing Const.

Airport Clear Zones and Accident Potential Zones



24 CFR Part 51

Airport Clear Zones and Accident Potential Zones

- Determine if project site is located within 2,500 feet of the end of a civil airport runway or 15,000 feet of the end of a military airfield runway
- If so, determine if site is within a runway clear zone for civil airports or a clear zone or accident potential zone at a military airfield

Hazardous Waste

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

Home Repair

Home Repair – Septic

New Housing Const.

Hazardous Waste

HUD Environmental Standards



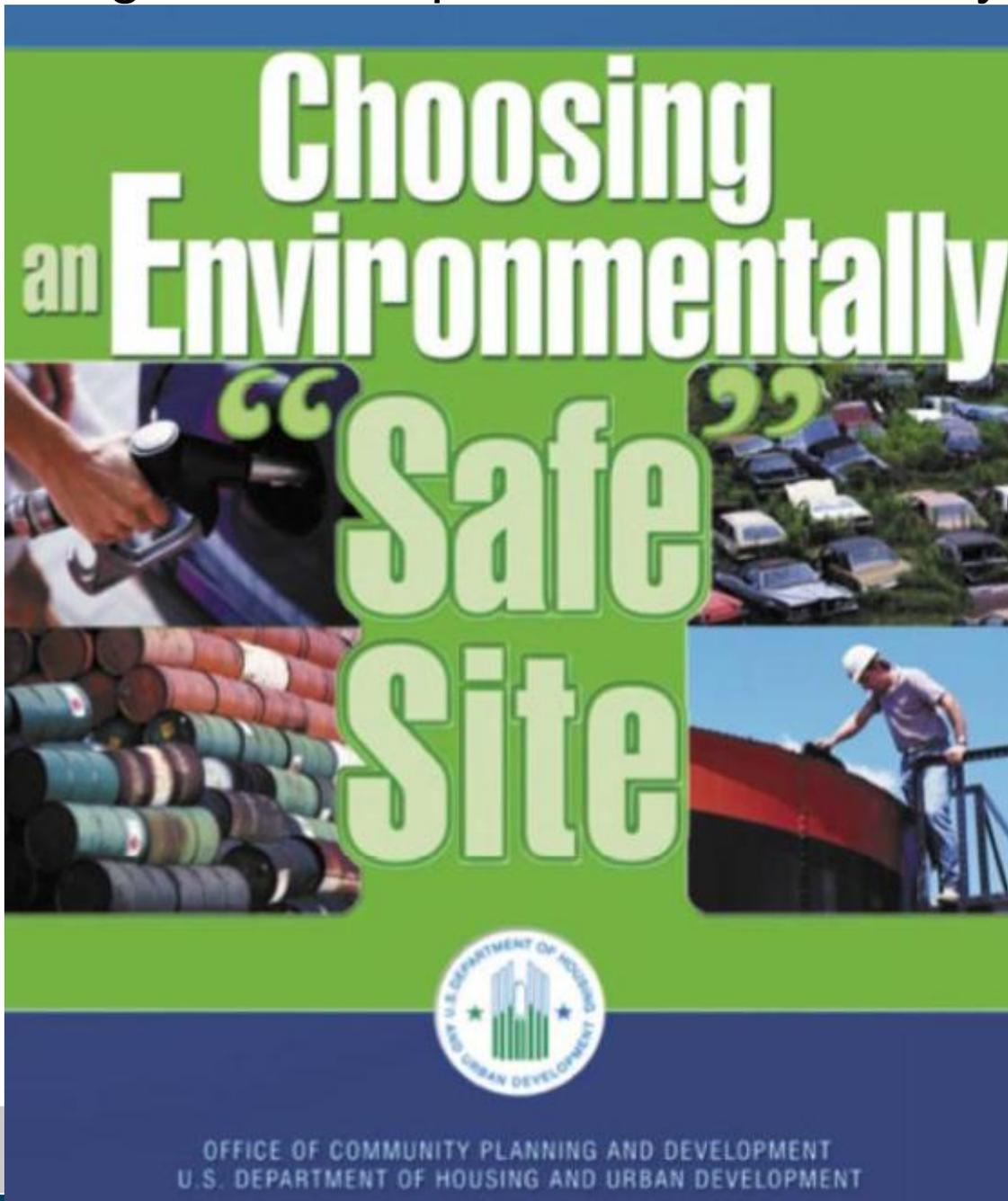
24 CFR Part 58.5(i)(2)(i)

Hazardous Waste

- Listed on an EPA Superfund National Priorities or CERCLA list or equivalent State list?
- Located within 3,000 feet of a toxic or solid waste landfill site?
- Has an underground storage tank other than a residential fuel tank?
- Is known or suspected to be contaminated by toxic chemicals or radioactive materials?

Hazardous Waste

- Site visit
- Property research
- Project vicinity research



QUESTION	OBSERVATION	
	SUBJECT PROPERTY	ADJOINING PROPERTIES
Is there evidence of any of the following?		
Is the property or any adjoining property currently used, or has evidence of prior use, as a <i>gasoline station, motor vehicle repair facility, printing facility, dry cleaners, photo developing laboratory, junkyard, or as a waste treatment, storage, disposal, processing or recycling facility?</i>	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>
Are there any damaged or discarded <i>automobile(s), automotive or industrial batteries, pesticides, paints, or other chemicals</i> in individual containers greater than 5 gal in volume or 50 gal in the aggregate, stored on or used at the property or adjoining properties?	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>
Are there any industrial <i>drums</i> (typically 55 gal) or sacks of <i>chemicals, herbicides or pesticides</i> located on the property or adjoining properties?	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>
Has <i>fill dirt</i> been brought onto the property or adjoining properties that originated from a suspicious site or that is of an unknown origin?	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>
Are there any <i>pits, ponds, or lagoons</i> located on the property or adjoining properties in connection with waste treatment or waste disposal?	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>
Is there any <i>stained soil, distressed vegetation and/or discolored water</i> on the property or adjoining properties?	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>
Are there any <i>storage tanks</i> , aboveground or underground (other than residential), located on the property or adjoining properties?	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN <input type="checkbox"/>







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Waste



Facility



Land



Toxics



Compliance



Water



Radiation



Other

Envirofacts System Data Searches

[Multisystem Search](#)

API Link for Report Data:

<http://iaspub.epa.gov/enviro/efservice/multisystem/minLatitude>

Copy and paste the link above to view the data from this report



WASTE

- Facilities that have reported hazardous waste activities: **1**
 - Number of Unspecified Universe: **1**
- Number of sites dealing with the generation, management, and minimization of hazardous waste: **0**
- Potential hazardous waste sites that are part of Superfund that exist: **0**

LIST OF EPA-REGULATED FACILITIES IN ENVIROFACTS

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](#)

FACILITY INFORMATION	AFS ¹	ACRES ¹	BR ¹	CERCLIS ¹	PCS ¹	RADInfo ¹	RCRAInfo ¹	TRI ¹	TSCA ¹
COLUMBIA GAS TRANSMISSION CORP FAIRGROUND RD [REDACTED] Summary Report Facility Report Compliance Report							View Report		
[REDACTED] FORD ROAD STP [REDACTED] Summary Report Facility Report Compliance Report					View Report				

Total Number of Facilities Displayed: 2



Environmental Justice

Private Owner Rehab

Rental Rehabilitation

Homeownership

Acq./Rehab/Resale

Home Repair

Home Repair – Septic

New Housing Const.

Environmental Justice



Executive Order 12898

Environmental Justice

- Review items in Statutory Checklist, particularly air, water, waste, and hazards compliance areas
- Ensure that the project will not have disproportionately high and adverse human health and environmental effects on minority or low-income populations

Questions?

