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2017 CDBG Environmental Review Training

National Environmental Policy Act of 1969



Our **basic national charter** for protecting the environment

Environmental values **shall** be given appropriate consideration in decision making by Federal Agencies

Environmental information must be made available to citizens & decision-makers **before** decisions made ... **before** actions taken

Define the Project

- Capture maximum anticipated scope of the proposal

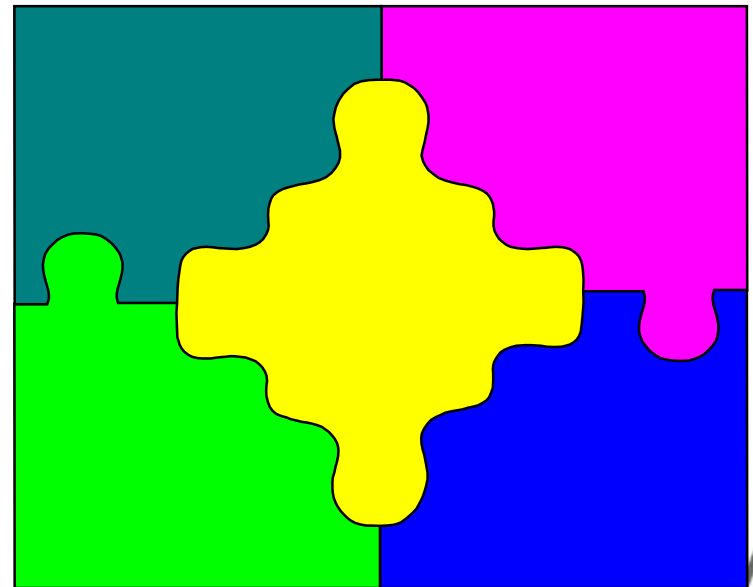


*Maps, Aerials, Photos,
Narrative, Budgets,
Schedule*

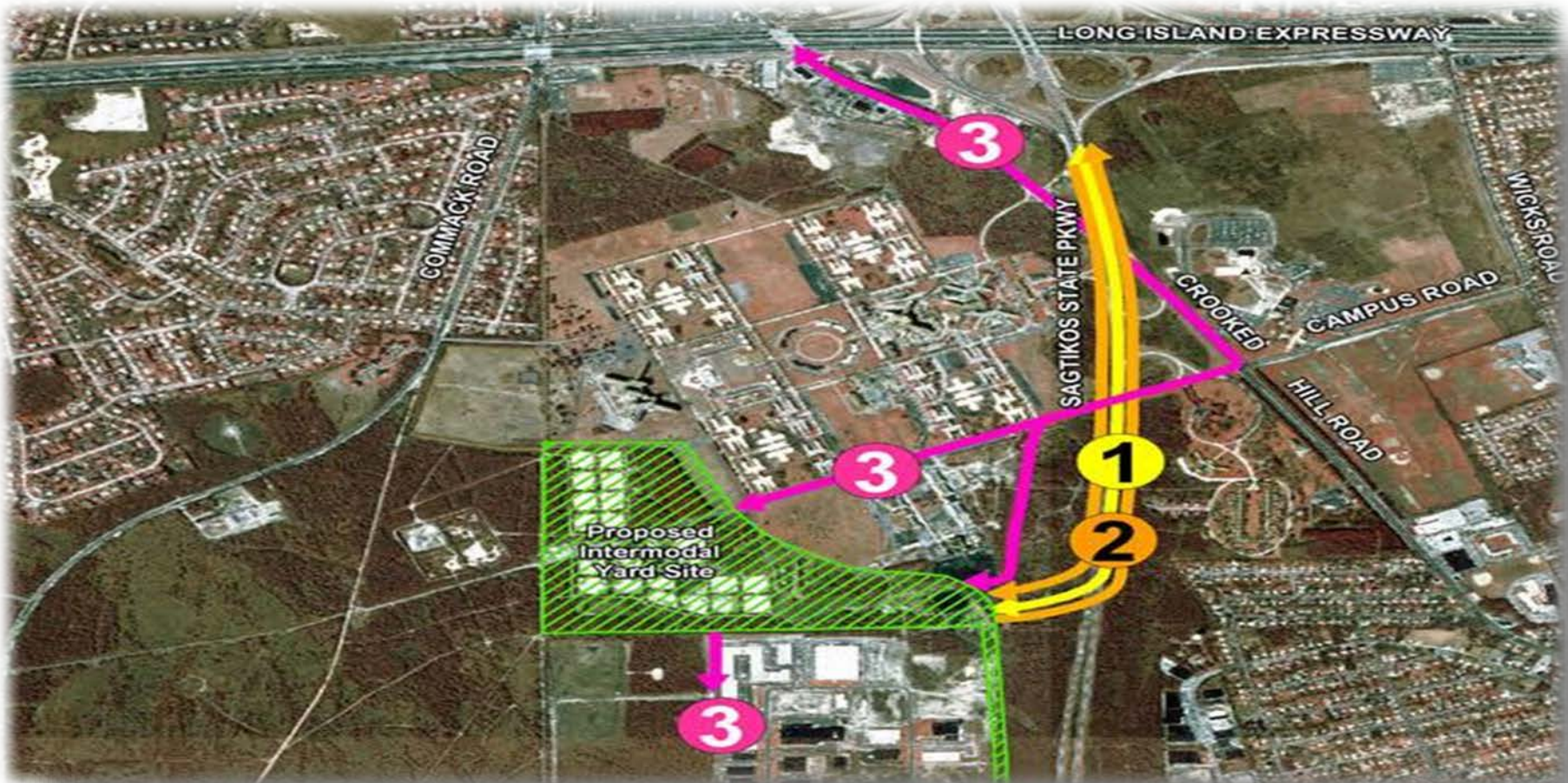
Project Aggregation [§58.32 / §50.21]

Evaluate as a single project all individual activities that are related either on a geographical or functional basis, or are logical parts of a composite of contemplated actions

Must include both HUD and non-HUD funds



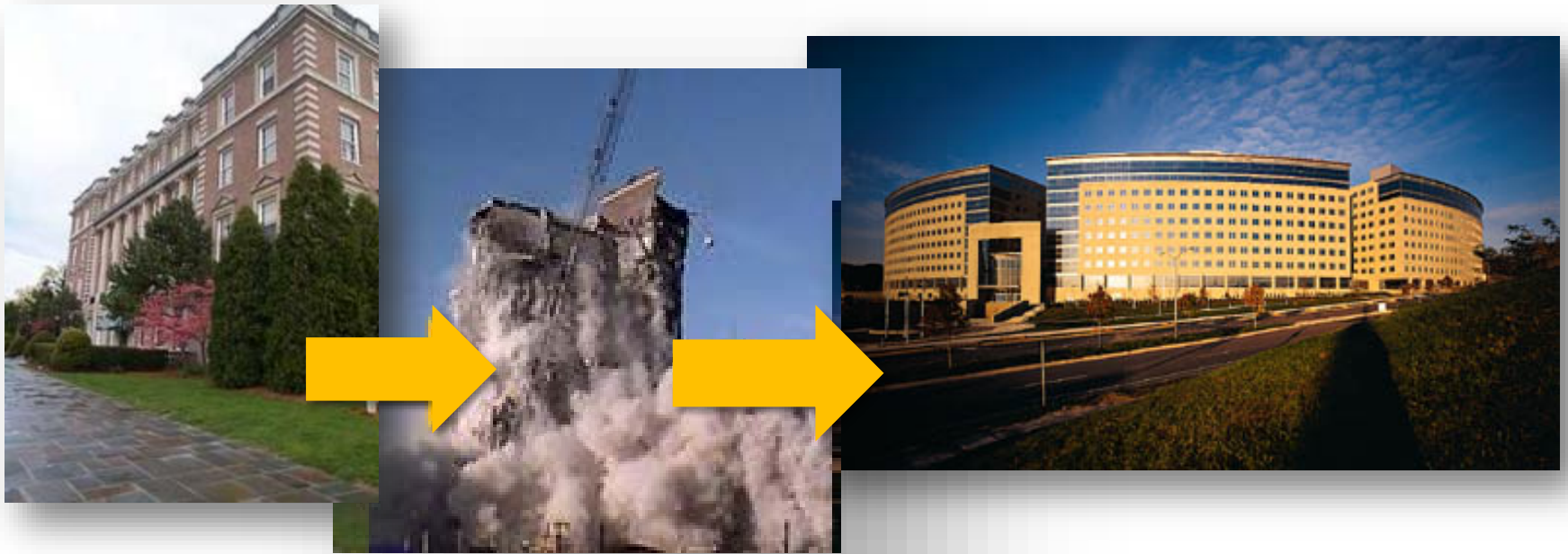
Consider Alternatives



Alternative Sites...Design...Actions...Timeframes

Consider Impacts

Change... Effect... Alter



☐ **Adverse**

☐ **No Affect**

☐ **Beneficial**

HUD Regulations Implementing NEPA

24 CFR Part 58 – **applies to States, Tribes, Local Governments**

“Environmental Review Procedures for Entities Assuming HUD Environmental Responsibilities”

Certain entities –units of general local government – may **assume** HUD’s NEPA responsibilities under Part 58 and act as **Responsible Entity (RE)**

RE assumes responsibility for:

- Environmental **review**
- Environmental **decision-making**
- Environmental **action** that would apply to HUD under NEPA and related laws



NEPA-Related Laws and Authorities

[24 CFR Part 58.5 & 50.3/50.4]

- National Historic Preservation Act (1966)
- Wild and Scenic Rivers Act (1968)
- Clean Air Act (1970)
- Coastal Zone Management Act (1972)
- Noise Control Act (1972)
- Endangered Species Act (1973)
- Safe Drinking Water Act (1974)
- Floodplain Management & Wetlands Protection E.O.s (1977)
- Farmland Protection Policy Act (1981)
- HUD Environ. Criteria & Standards (1984)
- Environmental Justice E.O. (1994)

Environmental Protection

➤ Protect the **Environment**

Endangered species, wetlands, historic properties, air and water quality...

➤ Protect the **Project**

Toxic contamination, radon, explosive operations, noise impacts, flooding, airport hazards...

Environmental Review

- Evaluation of any HUD-assisted action and its relationship to NEPA & related environmental laws
- Part 58 reviews “**projects**,” not funds
- Environmental approval (aka, “clearance” or “**release of funds**”) is for the **project**, not the source of HUD funds

Environmental Review Record [§58.38]

- **ERR** = written evidence of *review* > *decision-making* > *action*
- Contains all evaluations, findings, decisions, documentation, public notices, approvals ...
- RE's only proof of procedural compliance w/ Federal environmental law and your defense against environmental challenges

Limitation on Action [§58.22]

*Prior to Release of Funds, **Recipient may not:***

- Commit **HUD** funds
- Commit ANY **non-HUD** funds (public or private), where the activity would have an adverse environmental impact or limit the choice of reasonable alternatives



On any **Choice-limiting actions:**

Bid letting, real property acquisition, leasing, disposition, demolition, rehabilitation, repair, renovation, construction, conversion and site improvements

The Environmental Review Process

Define Project

Determine “Level-of-Review”

Perform Review

Publish Notices

Request Release of Funds (RROF)

Release of Funds Letter

Environmental Review
Record (ERR)

Levels of Review

Exempt



Categorically Excluded Not Subject to 58.5



Categorically Excluded Subject to 58.5



Environmental Assessment



Environmental Impact Statement



Exempt Activities [§58.34(a) / §50.19]



- Environmental studies or Planning
- Information & financial services
- Administrative & management activities
- Public services (**no physical impact**)
- Inspections & testing properties
- Purchase of tools & insurance
- Engineering or design costs
- Technical assistance & training
- Payment of principal and interest
- Temporary assistance for disaster or imminent threats

Categorical Exclusions (CE)

Category of actions that do not individually or cumulatively have a significant effect [40 CFR 1508.4]

HUD has two types of CE:

- CE “**Not Subject**” to Related Authorities (CENST)[§58.35(b) / §50.19]
- CE “**Subject To**” Related Authorities (CEST) [§58.35(a) / §50.20]

CE Not Subject to §58.5 authorities

§58.35(b)

(4) Economic development activities **not associated with construction or expansion** of existing operations.

Like: EDSA projects where we **just** purchase equipment

CE Subject to §58.5 authorities

§58.35(a)

(1) Acquisition, repair, improvement, reconstruction or rehabilitation of **public facilities and improvements** when:

- Facilities and improvements are in place
- Less than 20% change in size or capacity
- No change in land use

Like: re-lining/replacing water/sewer lines

CE Subject to §58.5 authorities

Let's talk more about.....

Less than 20% change in size or capacity:

- If improvement result in 20% or more treatment capacity = NOT categorically excluded subject to.
- If line size goes from 4" to 8" = lines are changing **size** by **50%**. NOT categorically excluded subject to.
- Facilities and Services in Place = footprint of facility won't change

CE Subject to §58.5 authorities

§58.35(a)

(3) Rehab/improvement of buildings

(i) Single-Family residential (1-4 units)

Density not over 4 units

Land use not changed

Like: HSG projects

(ii) Multifamily residential

(iii) Commercial, industrial, public, institutional

No change in capacity beyond 20%

Land use not changed

Like: DTR projects

Note no increase/changes of **size, density, cost, land use, building footprint**

Requirement: ALL PROJECTS [§58.6/§50.4]

» Requirements apply “as appropriate”

- Coastal Barrier Resources Act
- National Flood Insurance Program
- Airport Runway Clear Zones



» For CEST projects there is a separate form (24 CFR 58.6 Requirements Form)

» For EA projects it is incorporated into the document

“Statutory Checklist”



STATUTORY CHECKLIST

Use this worksheet for projects that are Categorically Excluded under 24 CFR §58.35(a).

PROJECT NAME: _____

ERR FILE # _____ (optional)

An “ERR Determination” form should be provided as a cover to this checklist.

This checklist is a component of the Environmental Review Record (ERR) [§58.38]. Supplement the ERR, as appropriate, with photographs, site plans, maps, narrative and other information that describe the project.

24 CFR §58.5 – NEPA-Related Federal Statutes and Authorities

DIRECTIONS – For each authority, check one of the appropriate boxes under “Status.”

“A box” The project is in compliance, either because: (1) the nature of the project does not implicate the authority under consideration, or (2) supporting information documents that project compliance has been achieved. In either case, information must be provided as to **WHY the authority is not implicated, or HOW compliance is met**. OR

“B box” The project requires an additional compliance step or action, including but not limited to consultation with or approval from an oversight agency, performance of a study or analysis, completion of remediation or mitigation measure, or obtaining of license or permit.

IMPORTANT: Compliance documentation consists of verifiable source documents and/or relevant base data. Appropriate documentation must be provided for each law or authority. Documents may be incorporated by reference into the ERR provided that each source document is identified and available for inspection by interested parties. Proprietary material and studies that are not otherwise generally available for public review shall be included in the ERR. Refer to HUD guidance for more information.

Documenting Compliance

Part A. Compliance Findings for §50.4 Related Laws and Authorities

§50.4 Laws and Authorities	Project is in Compliance		Source Documentation and Requirements for Approval
	Yes	No	
16. Coastal Barrier Resources	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
17. Floodplain Management (24 CFR Part 55)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
18. Historic Preservation (36 CFR Part 800)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
19. Noise Abatement (24 CFR Part 51 Subpart B)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
20. Hazardous Operations (24 CFR Part 51 Subpart C)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
21. Airport Hazards (24 CFR Part 51 Subpart D)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
22. Protection of Wetlands (E. O. 11990)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
23. Toxic Chemicals & Radioactive Materials (§ 50.3(i))	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
24. Other § 50.4 authorities (e.g., endangered species, sole source aquifers, farmlands protection, flood, insurance, environmental justice)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A

“N/A” =
 Not Acceptable...
 Not Allowed...
 Not Appropriate

Types of Support Documentation

- Field Observations (include photographs)
- Interviews (must include name/title/date)
- Printed Materials
 - letters, emails, phone log
 - plans, maps
 - aerials
 - reports, studies, analyses
 - web-based material (not just URL)
 - photographs



Environmental Assessment [§58.36/§50.31]

- ❑ Required for any project not Exempt, not Categorically Excluded, and that does not meet EIS threshold
- ❑ Prepared using “[Environmental Assessment](#)” format and must follow §58.40
 - ❑ Includes Statutory Checklist
 - ❑ Includes 58.6 requirements (airports, flood insurance, costal barriers)
 - ❑ Includes assessment of land, socioeconomic, and community facilities and services in the project area

Like: Most CF and WS projects

Use of Prior/Other NEPA Review [§58.53]

- Request copy of other Federal, State or local agencies' EA and use to the extent practicable
- RE/HUD **must independently review** the environmental analysis, prepare the EA, be responsible for the required environmental finding, and complete RROF process

Note: HUD's unique requirements – 24 CFR
Part 51 Airports/ Noise/ Explosive Operations

- RE/HUD may only “adopt” another EA if Cooperating Agency Agreement exists [§58.52]

Tiered Review [§58.15]

Appropriate when evaluating a proposal at the early stages of development or when site-specific analysis not yet feasible

- Generally, restrict Tiering to **CEST-level** reviews.

» Tier 1: **Broad review** Address all laws and authorities possible and establish a plan (narrative) for the site-specific or subsequent review. Publish public notice (NOI/RROF) and submit RROF

» Tier 2: **Site-Specific review** No public notice or RROF required unless unanticipated impacts or impacts not adequately addressed in prior review

Tiering



Updating the ERR [§58.47]

- » **Re-evaluation** of project is required when new activities added, unexpected conditions arise, or substantial changes made to nature, magnitude or extent of project
- ✓ If original finding still valid: Update the ERR with memo to the file
- ✓ If original finding no longer valid or project significantly changed: RE must prepare new review and proceed with approval process (**RROF**)

Summary of RROF Process

Two Routes for Release of Funds & Notices:

- » One, if project is “Categorical Exclusion Subject To” (CEST)
 - **NOI-RROF** – “*Notice of Intent to Request the Release of Funds*”
- » Two, if project requires Environmental Assessment (EA):
 - **NOI-RROF** – “*Notice of Intent to Request the Release of Funds*” and **FONSI** notice – “*Finding of No Significant Impact*”
 - Typically these are combined

Summary of RROF Process:

Categorical Exclusion (CEST) Projects

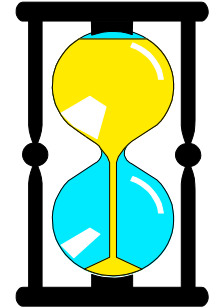
1. RE mails & publishes/posts **NOI-RROF public notice**
2. RE observes **7/10-day** comment period
3. RE addresses any comments received
4. RE signs RROF and submits to State, with proof of mailing, publication and/or posting
5. State observes 15-day comment period
6. State issues “Release of Funds Letter”
7. RE implements project, including any environmental conditions that apply

Summary of RROF Process:

Environmental Assessment (EA) Projects

1. RE mails, publishes and/or posts **FONSI/NOIRROF (“combined notice”)**
2. RE observes **15/18-day or 30-day** comment period
3. RE addresses any comments received
4. RE signs RROF Form and submits to State, with proof of mailing, publication and/or posting
5. State observes 15 day comment period
6. State issues “Release of Funds Letter”
7. RE implements project, including environmental conditions that apply

Timing & Counting Days



- » RE starts counting the day **AFTER** publication
- » If last day of comment period falls on Sat, Sun or Holiday, should accept comments through the following business day
- » RE may extend comment period for any reason
- » **RE Signs** and submits RROF the day **AFTER** last day of comment period

Example: RE's Comment Periods For CEST and EA projects

S	M	T	W	T	F	S
			1- publication date	2	3	4
5	6	7	8 - NOI/RROF comment over	9- RE signs RROF	10	11
12	13	14	15	16- FONSI & NOI /RROF comment over	17 – RE signs RROF	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Key Points – ALL PUBLIC NOTICES

- Use HUD-recommended template for notice. It contains the minimum content - you may add language, but do not subtract
- FONSI and NOI-RROF notices must be mailed to interested groups and individuals
- RE must address and resolve any comments received before signing the RROF and before submitting the RROF to State

Key Points – ALL PUBLIC NOTICES

- » Posting: Post notices within the neighborhood impacted and in a manner consistent with REs "Citizen Participation" process
- » Publishing: Publish notice in newspaper of general circulation in the affected community
- » Documentation:
 - Publishing = Copy of publication and affidavit
 - Posting = Copy of posted notice and signed statement of distribution
 - Mailing = Signed statement of distribution

FONSI Notice



- » RE must send FONSI to individuals & groups known to be interested, local news media, appropriate tribal, local, state and federal agencies, Regional EPA and local HUD office [§58.43(a)]
- » EPA Region VII only wishes to see complex EA or EIS-level reviews
- » “Appropriate” agencies depends on project, complexity, controversy, impacts...

IEDA Website

<https://www.iowaeconomicdevelopment.com/Community/downloads>

ENVIRONMENTAL COMPLIANCE

- Categorically Excluded Packet - forms, notice, RROF [\[MS Word: 495k\]](#)
- Environmental Assessment Packet - forms, notice, RROF [\[MS Word: 610k\]](#)
- Categorically Excluded Subject to 58.5 Final Review of Tiered Projects [\[MS Word: 49k\]](#)
- Section 106 Summary and Tribal Consultation including *when to consult tribes under section 106 form* [\[MS Word: 115k\]](#)
- Programmatic Agreement, executed 08/23/2016 [\[PDF: 2MB\]](#)
- Section 106 Iowa Site Inventory form [\[PDF: 364k\]](#)
- Section 106 Exempt from Review form [\[MS Word: 37k\]](#)
- Section 106 Authorization for Alternate Signatories [\[MS Word: 36k\]](#)
- Floodplain & Wetland information - Eight (8) step process with Notices [\[MS Word: 40k\]](#)
- Research information for Categorically Excluded and Environmental Assessment checklists [\[MS Word: 545k\]](#)
- HUD research website for related federal laws and authorities
<https://www.hudexchange.info/environmental-review/federal-related-laws-and-authorities>
- HUD Request for Release of Funds 7015.15 [\[PDF: 81k\]](#) and Instructions [\[PDF: 67k\]](#)
- Code of Federal Regulations Chapter 24, Part 58: Environmental Review Procedures [\[PDF: 226k\]](#)
- IEDA Internal Review Checklist for ERRs [\[MS Word: 60k\]](#)

Let's review

» **Categorically Excluded Packet :**

- ✓ Step by Step sheet
- ✓ Level of Review Form
- ✓ 24 CFR 58.6 Form (Runway Protection and Flood Insurance)
- ✓ Statutory Checklist
- ✓ NOI/RROF notice
- ✓ RROF form (web link)

» **Environmental Assessment Packet:**

- ✓ Step by Step sheet
- ✓ Level of Review Form
- ✓ Environmental Assessment (24 CFR 58.6 form, statutory checklist, and environmental assessment checklist)
- ✓ FONSI/RROF notice
- ✓ FONSI distribution list
- ✓ RROF form (web link)

Submission of Environmental Review to IEDA

- » Upload to IowaGrants: ERR
- » Send to IEDA via Mail: Original RROF (HUD-7015.15) and copy of publication and affidavit



Break Time: 10 Minutes

Air Quality



Clean Air Act (CAA) of 1970

❑ Comprehensive – regulates air emissions from area, stationary, and mobile sources



❑ Act authorized EPA to establish **National Ambient Air Quality Standards (NAAQS)** – maximum pollution standards – to protect public health and environment

❑ Areas that do not meet these NAAQS are called “**non-attainment areas**”

❑ State must develop **State Implementation Plans (SIPs)** to regulate emissions in “non-attainment areas”

ERR Compliance & Documentation

Research if area is in a non-attainment area:

- **Go to the EPA website:**

<https://www3.epa.gov/airquality/greenbook/mapnmpoll.html>

- **If not in a non-attainment area = *done***
- **If in a non-attainment area = *document whether proposed action has potential for air emissions***

If **no potential** for air emission reasonably exists, document using narrative statement that project complies with CAA because it will:

- not **cause** or **increase** violation of NAAQS standard
- nor **delay** compliance with any NAAQS standard

How do I show I have considered this.....

In the Statutory Checklist:

1. Air Quality [Clean Air Act sections 176(c) & (d), and 40 CFR 6, 51, 93]	<input type="checkbox"/>	<input type="checkbox"/>	Project is NOT located in an EPA-designated non-attainment area or maintenance area for one or more of six "criteria pollutants," called National Ambient Air Quality Standards (NAAQS). Map documentation included in Appendix and can be found at: http://www.epa.gov/oagps001/greenbk/mapnmpoll.html
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Two steps needed to show compliance documentation:

1. Description in the checklist

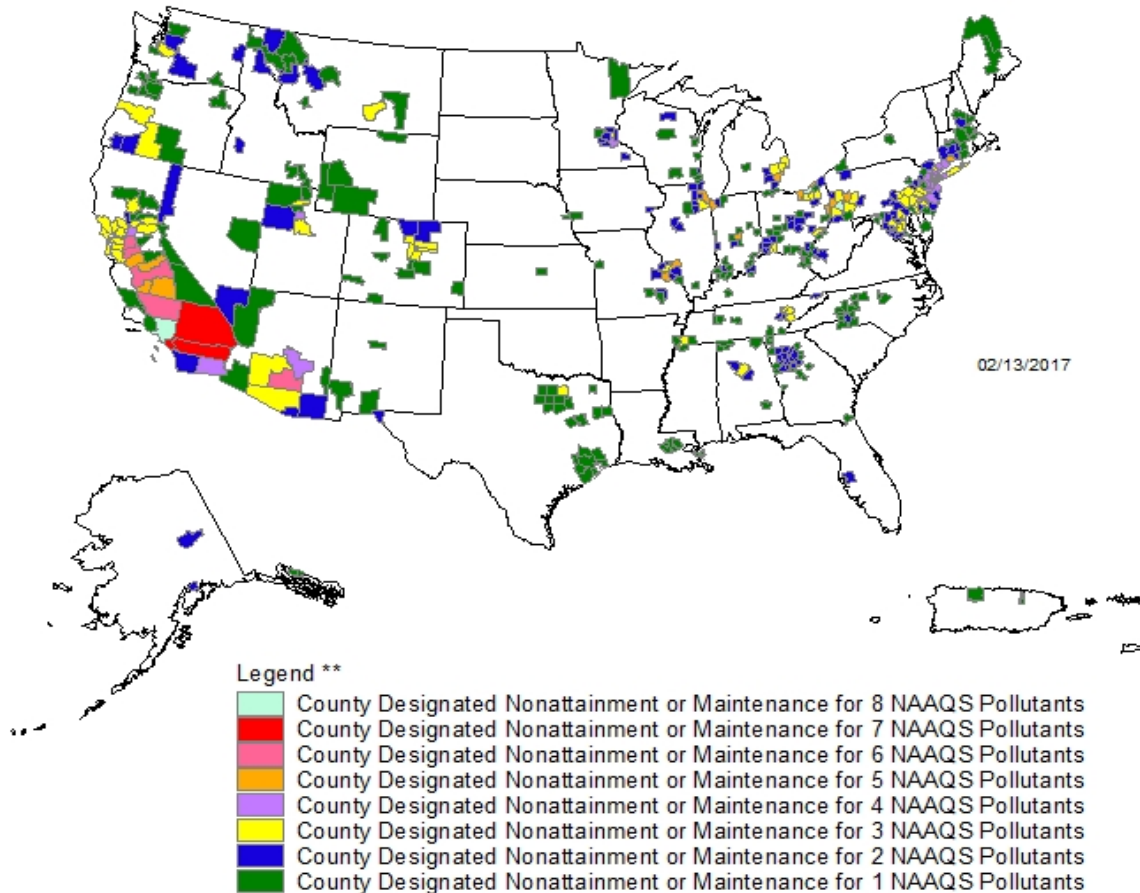
- ***Make a statement: project is or is not in a non-attainment area***
- ***If it is in a non-attainment area, will the project add to the air contamination***

2. Supporting documentation in Appendix

- **Map**

ERR Compliance & Documentation

Counties Designated "Nonattainment" or "Maintenance"
for Clean Air Act's National Ambient Air Quality Standards (NAAQS) *

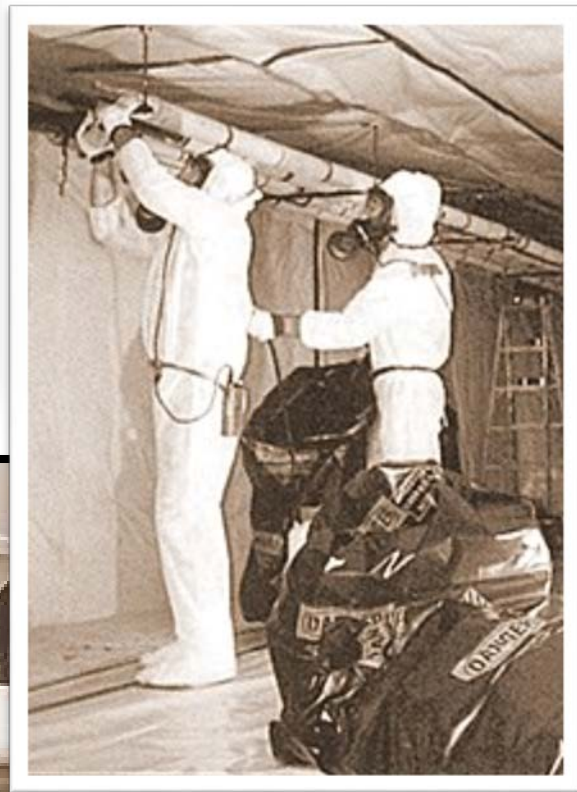


Only 2 in Iowa:

Council Bluffs =
lead (2008)

Muscatine County =
Sulfur Dioxide
(2010)

Asbestos



Air Toxics and the Clean Air Act (1990 amd.)

- ❑ Air Toxics – a.k.a “**Hazardous Air Pollutants**” (HAPS) - Pollutants known or suspected to cause cancer or other serious health problems, or cause adverse environmental effects
- ❑ 183 HAPs currently listed (carcinogens, mutagens or reproductive toxins), including:
 - **asbestos**
 - **radon**
 - **benzene**
 - **perchloroethylene**
 - **mercury**
 - **lead compounds**
 - **chromium**



Asbestos Hazards



❑ **Federal:** *National Emission Standard for Hazardous Air Pollutants (NESHAP) (40 CFR Part 60, subpart M)*

✓ (EPA) Environmental Protection Agency

✓ (OSHA) U.S. Occupational Safety and Health Administration

❑ **State:** *NESHAP implementation is delegated to States air quality programs have been delegated EPA's responsibility for the regulation of asbestos inspection, abatement, cleanup & disposal*

Asbestos Hazards

EXTERIOR SURFACES

Cement Asbestos Siding

Cement Asbestos
Roofing & Felt

Window Putty

MISCELLANEOUS

Woodstoves

Flooring:

Vinyl Asbestos Sheets,
Tiles, and Undersheeting

Old Built-In Items:

Dishwashers and Ranges

INTERIOR SURFACES

Sprayed-on Popcorn Ceilings

Acoustical Tiles

Sheetrock Tape Mud

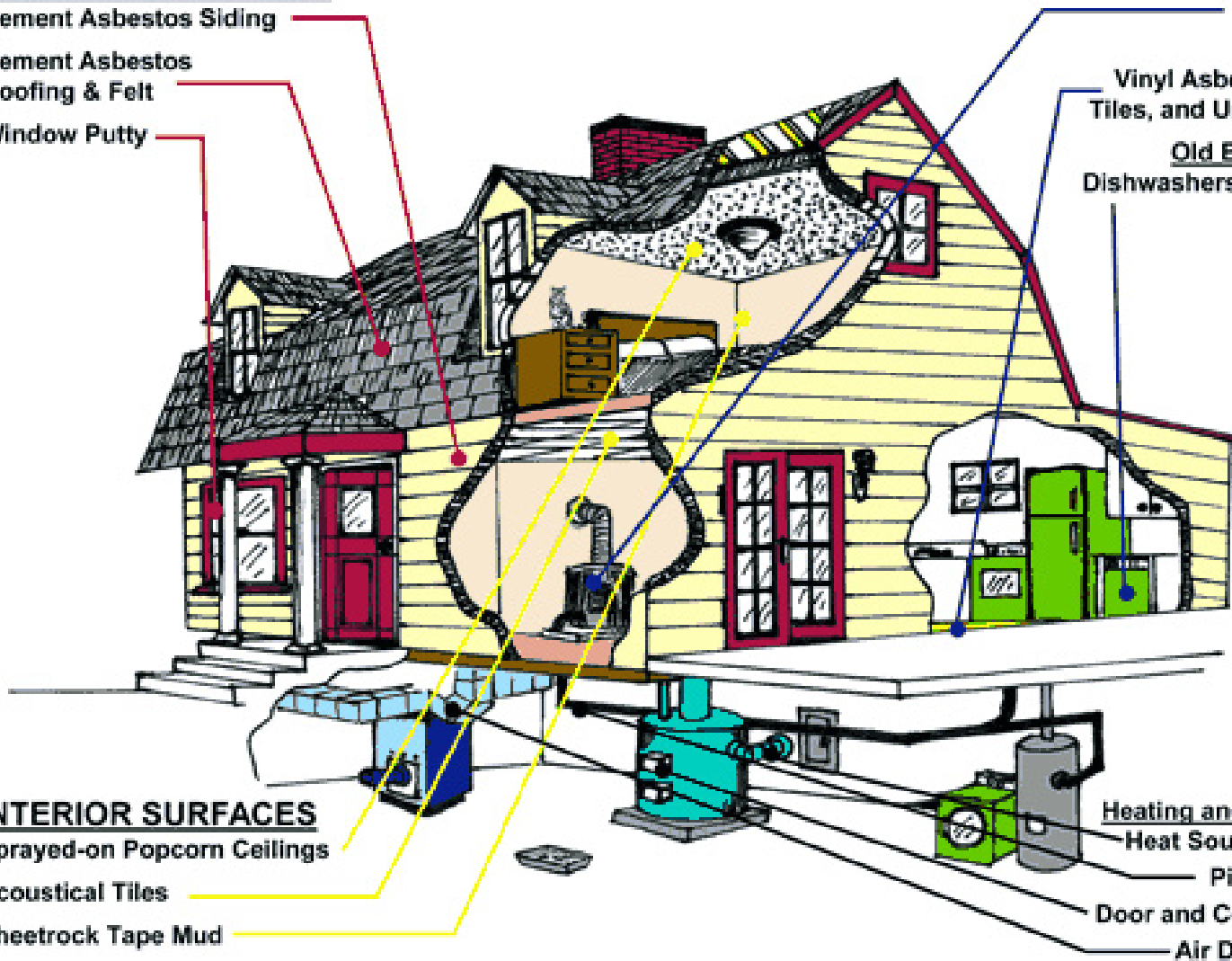
Heating and Ventilation:

Heat Source Covering

Pipe Insulation

Door and Cover Gaskets

Air Duct Covering



Asbestos Hazards

Applies to all building renovation or demolition activities

☐ NESHAP **not** triggered for:

✓ small quantities - if the disturbed area is below threshold of 80 linear meters or 15 square meters

✓ Residential buildings **provided the project consists solely** of a **single** one-to-four unit (SF) residential building (40 CFR 61.141) **["single-single-family"]**

☐ NESHAP requirements include:

1. **Notification** to State
2. **Inspection** (thorough) for asbestos
3. **Abatement** of all **friable** and any **non-friable** asbestos that will become friable if it will be disturbed
4. **Disposal** in approved landfill

☐ Licensed contractors required for abatement

Contamination & Toxics Substances



What is Site Contamination?

The release of a hazardous or toxic chemical or substance, including petroleum products, on or in proximity to the project site in sufficient quantity as may be harmful to the environment, humans or other living organisms



Examples



Landfills



Unexplained Dirt Mounds



Buried Waste



Underground Tanks

What regulations apply to contamination?

24 CFR 58.5(i)(2) & 24 CFR 50.3(i)

*“**All** property proposed for HUD program assistance shall be free of hazardous materials, contamination, toxic chemicals, gasses and radioactive substances **where** the hazard could affect the health and safety of occupants or conflict with the intended utilization of the property”*

Project-Based Approach

Field Inspection

- Site Visit
- Google Earth/Maps



Historic Land Use Search

- *City Directory / Land Use Directory*
- *Sanborn Fire Insurance Rate Map*



Environmental Compliance Search

- *Federal: Echo, Envirofacts, environmapper:*
<http://www.epa.gov/emefdata/em4ef.home>.
- *State: Contaminated sites Database:*
<https://programs.iowadnr.gov/contaminatedsites/pages/search.aspx>
- *State: Leaking Underground Storage Tanks:*
<https://programs.iowadnr.gov/tanks/pages/advanced.aspx>.

Field Inspection

What to look for:

- *Vents, pipes*
- *Under & above ground tanks*
- *Monitoring well*
- *Distressed vegetation*
- *Drums, containers*

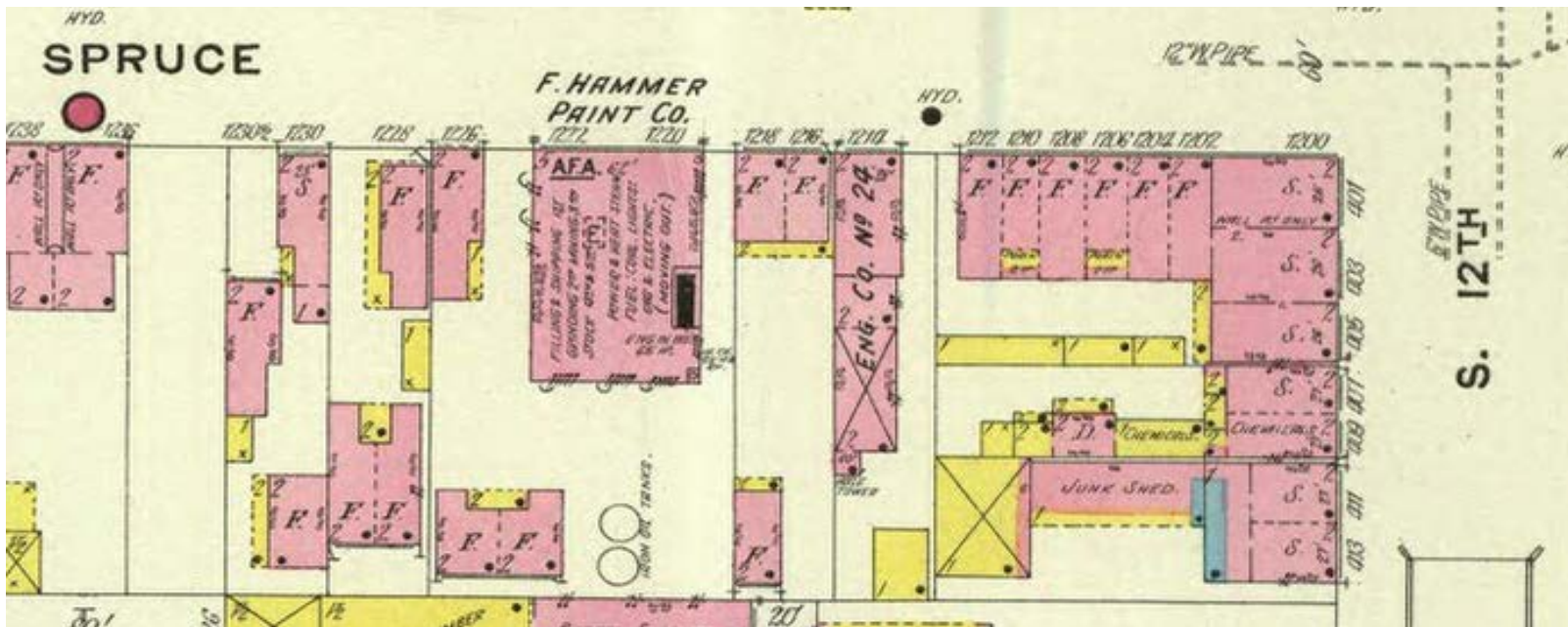


- *Pits, ponds or lagoons*
- *Stained soil or pavement*
- *Pungent, foul or noxious odors*
- *Dumped material , mounds of dirt, rubble, fill...*

Historic Land Use Search

What to look for:

- Gas/Service Station
- Dry Cleaner
- Auto Repair
- Manufacturing Facilities
- Industrial Uses
- Recycling/Salvage Facilities
- Timber/Wood Facilities
- Railroad yard/lines



Environmental Compliance Search

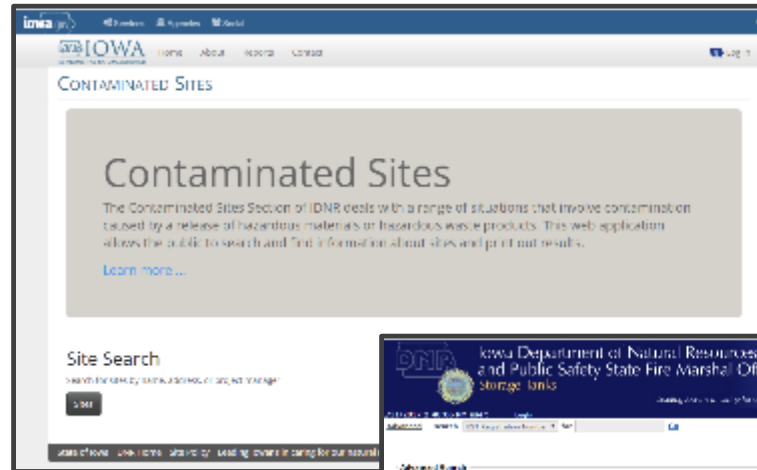
Where to look:

➤ **Federal databases**

- *ECHO*
- *EnviroMapper*

State Databases

- *Contaminated Sites*
- *UST/LUST*



***Look to see if any sites are on or near the project site
AND***

Research to see if any of those sites will impact the project site

DNR Storage Tanks

- » <https://programs.iowadnr.gov/tanks/pages/advanced.aspx>
- » Site Address: 1500 8th St. SW, Altoona, Iowa:

1 2						
Registration No.	Leak No.	Name	Address	Status	Insurer	Policy End Date
➡ 199217497		ADM TRUCKING	5454 NE 56TH STREET Altoona, IA 500090000	Regulated tanks - r/f	ADM	
➡ 198605276	7LTE50	ALTOONA TEXACO	101 EIGHTH SE Altoona, IA 500090000	Regulated tanks - r/f	PMMIC	06/15/2005
➡ 199617861	9LTJ62	BP-SUPERSTOP II	2635 ADVENTURELAND DR Altoona, IA 50009	Regulated tanks - active	PMMIC	02/14/2018
➡ 199617861	9LTL39	BP-SUPERSTOP II	2635 ADVENTURELAND DR Altoona, IA 50009	Regulated tanks - active	PMMIC	02/14/2018
➡ 199617861	9LTQ99	BP-SUPERSTOP II	2635 ADVENTURELAND DR Altoona, IA 50009	Regulated tanks - active	PMMIC	02/14/2018
➡ 197910149	8LTZ44	BURGER KING	3437 Adventureland Dr Altoona, IA 500090000	Non-regulated leaking site		
➡ 199617860		CASEY'S GENERAL STORE #1938	3348 8TH ST SW Altoona, IA 50009	Regulated tanks - active	CASEYS MARKETING CO	08/05/2017
➡ 199517809		CASEY'S GENERAL STORE #1807	1441 FIRST AVENUE N Altoona, IA 500090000	Regulated tanks - r/f	CASEY S MARKETING CO	08/30/2011
➡ 201100012		CASEY'S GENERAL STORE #2916	170 36TH AVE SW Altoona, IA 50009	Regulated tanks - active	CASEYS MARKETING CO	08/05/2017
➡ 198606611	7LTX81	CASEY'S GENERAL STORE #6	407 8TH ST SW Altoona, IA 50009	Regulated tanks - active	CASEYS MARKETING CO	08/05/2017

- » Look to see if any are at or near your address

DNR Storage Tanks

- » 407 8th Street SW
- » Click on the *red arrow*, Click on *LUST* on toolbar, Click *Classification* on the toolbar: look for *No Action Required*

Leak #: 7LTX81 Registration #: 198606611 Name: CASEY'S GENERAL STORE #6
Address: 407 8TH ST SW City: Altoona Zip: 50009 FO: 5

LUST	Location	Affiliates	Initial Release	Cost Admin	Contract	28e	Certification	UST Site	GWP	Tracking Summary	Initial
Tracking	Tier 1	Tier 2	Tier 3	Free Product	Bedrock	Classification	SMR	Remediation	CA/Tier 3	Documents	

- Classification

Priority Ranking:

Risk Classification

Date:

☒ No Action
☐ Low Risk
☐ High Risk
☐ None

Institutional Controls

Institutional Control Obtained: ☐

Date:

Type:

Corrective Actions

Release Not Verified:

No Action Required Free Product: ☐

No Action Required - Not Eligible for NFA Certificate: ☐

Sent to Contaminated Sites:

Sent to EPA:

EPA Case Num:

Cleanup Start Date:

Cleanup Complete Date:

LUST Current:

DNR Contaminated Sites

» <https://programs.iowadnr.gov/contaminatedsites/>

» 1500 8th St. SW, Altoona, Iowa:

CONTAMINATED SITES

Site Search

Sites may be searched by entering text in one text boxes at the base of the columns (name, address, city or program). Other search criteria may also be entered the general text box including county, zip code, project manager, alternative name, or ownership type.

The system will start sorting as a search is initiated in the general text search box; pressing an enter or return key isn't necessary. The best results are obtained by using the column text boxes in combination with the general text box to narrow the search list.

Copy CSV Print

Show 10 entries Search:

ID	Name	Address	City	Program
1251	A-1 Septic Service	4761 NE 80th Street	Altoona	CERCLA Removal
1492	Artistic Manufacturing		Altoona	Chapter 133
695	Smithway Motor Express	1026 34 Ave NW	Altoona	Chapter 133
1102	Statewide Metal Recycling	5310 East Broadway Avenue	Altoona	CERCLA Remedial

Search

Search

Altoona

-- (All) --

» Look to see if any are at or near your address

DNR Contaminated Sites

» Statewide Metal Recycling

STATE OF IOWA DEPARTMENT OF NATURAL RESOURCES

CONTAMINATED SITES

Statewide Metal Recycling
CERCLA Remedial - Closed
5310 East Broadway Avenue , Altoona , IA 50317
Project Manager: Matt Culp

[Detail](#)
[Documents](#)
[Location](#)
[Background](#)
[Summary](#)
[Site Search](#)

Detail

ID	1102
Name	Statewide Metal Recycling
Alternate Name(s)	Gills Auto Salvage
Origin Type	EPA
Site Type	Unknown
Institutional Control(s)	---
Ownership	Private
Project Manager	Matt Culp

[State of Iowa](#) [DNR Home](#) [Site Policy](#) [Leading Iowans in caring for our natural resources](#)

Version: 3.2.3700

» Look at top left to make sure it says CLOSED

» <https://echo.epa.gov/>



Map Legend Basemap Options Zoom To Altoona, Iowa Sync Map and Table

Customize Columns Download Data Results Guide Reports Legend

Facility Name	Mapped	Street Address	City	State	FRS ID	Reports	Current Significant Violations	Quarters Non Comp (3 yrs)	Inspections (5 yrs)	Formal Enforcement Actions (5 yrs)
VAN DYCK FURNACE COMPANY INC		1000 8TH ST SEET SW	ALTOONA	IA	110001762138		N	0	0	
ALTOONA, CITY OF		900 11TH AVENUE SOUTHWEST	ALTOONA	IA	110019091708		N	0	2	
ATM TED'S BODY SHOP INC		1007 8TH ST SW	ALTOONA	IA	110063229244		N	0	2	

Facility Summary

Current Search

3 Facilities Found

Criteria

Search Type: All Data
Results View: Interactive Map
City, State, and/or ZIP Code: Altoona, Iowa
Active/Operating? Yes

Explore Enforcement and Compliance

Criteria

- ☐ Facilities with Current Violations
- ☐ Facilities with Current Significant Violations
- ☐ Facilities with Violations (3 yrs)
- ☐ Facilities with Formal Enforcement Actions (5 yrs)
- ☒ Facilities with Informal Enforcement Actions (5 yrs)

[View Search Form for More Criteria...](#)

Filter Facilities

Not Filtering on 3 Facilities

☒ Only Show Matches

Facility Characteristics

Facility Type
☐ Major ☒ Minor

Facility Permit ID

» Look to make sure none have *Current Significant Violations*

How do I show I have considered this.....

In the Statutory Checklist:

4. Contamination and Toxic Substances [24 CFR 58.5(i)(2)]	<input type="checkbox"/>	http://coastalmanagement.noaa.gov/mystate/welcome.html Project location will not be affected by any contaminated or Toxic substances. A field inspection, land use search, and review of environmental compliance were conducted using the All sites in proximity were in compliance. EPA EnviroMapper: http://www.epa.gov/emefdata/em4ef.home . All sites in proximity were in compliance. IDNR contaminated sites database also searched: https://programs.iowadnr.gov/contaminatedsites/pages/search.aspx No sites were discovered in vicinity of the project location and no tanks were registered on the site. IDNR storage tank database was searched: https://programs.iowadnr.gov/tanks/pages/advanced.aspx . No leaking sites were discovered in vicinity of the project location and no tanks were registered on the site. Address RADON: Rehabilitation projects should test for radon Address LEAD: Rehabilitation projects Address ASBESTOS: single family housing exempt, but other rehabilitation required.
---	--------------------------	--

Two steps needed to show compliance documentation:

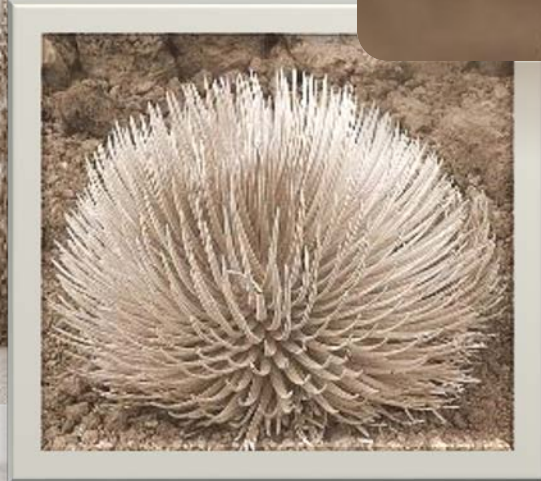
1. Description in the checklist

- **Make a statement: project will or will not be affected**
- **Why is this true: field inspection, list websites**

2. Supporting documentation in Appendix

- **Printouts from websites**

Threatened and Endangered Species and their Critical Habitat



Overview: Endangered Species Act (ESA)

- ❖ Primary federal statute is Endangered Species Act and its **Section 7 Protocols**
- ❖ **Section 7 mandates** that Federally-assisted activities **not jeopardize** the existence of plants and animals listed or proposed for listing on endangered species list
- ❖ *RE must insure activities **avoid** adversely modifying or destroying species' habitat*



Four ESA classifications...

1. **“Endangered”**: Species in danger of extinction in all or a significant portion of its range
Iowa 8 animals 0 plants
2. **“Threatened”**: Species likely to become endangered in foreseeable future
Iowa 1 animal 5 plants
3. **“Proposed”**: none in our area
4. **“Candidate”**: USFWS has sufficient information on biological status and threats to propose species as threatened or endangered. Candidate species **not subject to Section 7 consultation**
Iowa 3 animals 0 plants



Prairie Bush Clover

ESA Section 7 Protocols



USFWS must be consulted...

- ✓ If proposal **may affect** T&E species or critical habitat – even if effect is positive – “informal consultation” required
- ✓ If proposal **may adversely affect** T&E species or critical habitat, “formal consultation” required

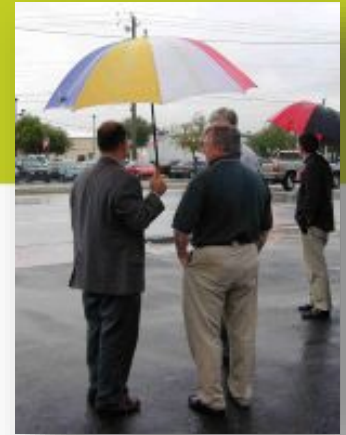


USFWS does not need to be consulted...

- ✓ if proposal will have **no affect** on T&E species or critical habitat

ESA Section 7 Protocols

Section 7, Step-by-Step...



Step 1 RE determines whether proposed action could, **in any way** – either positive or negative – have an effect on a T&E species or its habitat:

- **MUST** look up the **T&E Species list** to be able to consider possible impact

➤ Website found at:

http://www.fws.gov/Midwest/Endangered/LISTS/iowa_cty.html.

Polk	Indiana bat Map of Indiana Bat range in Iowa (PDF)	<i>Myotis sodalis</i>	Endangered	Caves, mines (hibernacula); small stream corridors with well developed riparian woods; upland forests (foraging)
	Northern long-eared bat	<i>Myotis septentrionalis</i>	Threatened	Hibernates in caves and mines - swarming in surrounding wooded areas in autumn. Roosts and forages in upland forests during late spring and summer.
	Prairie bush clover	<i>Lespedeza leptostachya</i>	Threatened	Dry to mesic prairies with gravelly soil
	Western prairie fringed orchid	<i>Platanthera praeclara</i>	Threatened	Wet prairies and sedge meadows
	Least tern	<i>Sterna antillarum</i>	Endangered	Bare alluvial and dredged spoil islands

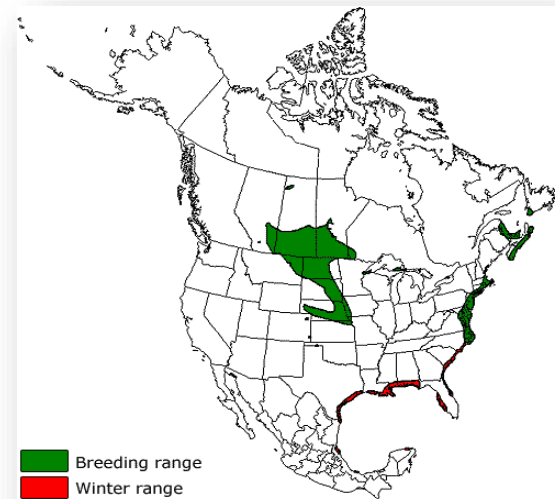
➤ Project Description: Day Care Center Expansion

➤ Project location: Already developed, buildings and mowed grass

ESA Section 7 Protocols

Step 2 If T&E **could** be present and critical habitat present, RE **must consult** with qualified sources to determine impact of the action on federally-listed species and/or habitat by:

- ☐ “**Informal consultation**” with USFWSOR
- ☐ Preparing **biological assessment** using qualified consultant



ESA Section 7 Protocols

Step 2 Possible outcomes: RE determines the impact of the action:

❑ “**MAY AFFECT, BUT NOT LIKELY TO ADVERSELY AFFECT**”

Informal Consultation required: RE submits finding and all documentation (e.g., Biological Assessment) to USFWS with request for concurrence.

❑ “**MAY AFFECT, LIKELY TO ADVERSELY AFFECT**”

Formal Consultation required: RE initiates with USFWS

❑ USFWS provides **Biological Opinion** (135 days) finding either jeopardy or no jeopardy to listed species and adverse or no adverse modification of critical habitat

❑ Provides measures to minimize impacts

❑ Makes exceptions for “incidental takes” of listed species (otherwise illegal – high penalties)



ESA Section 7 Protocols



Final Step: After consultation with USFWS, the RE's decision completes the process

- ❑ Range of agency actions possible, including:
 - ✓ Adopt a reasonable & prudent alternative or mitigation measure, as recommended by USFWS
 - ✓ Not undertake the project
 - ✓ Modify proposed action or develop new alternative and continue consultation with USFWS
- ❑ Agency must notify the USFWS of its **final decision**

How do I show I have considered this.....

In the Statutory Checklist:

5. Endangered Species [50 CFR 402]	<input type="checkbox"/>	<input type="checkbox"/>	required. Project will not affect any Federally listed endangered or threatened species or its habitat because the project location does not have habitat suitable for the listed species. Species list and habitat information can be found for Iowa by county at: http://www.fws.gov/Midwest/Endangered/LISTS/iowa_cty.html . A list of species in the project location county is in the appendix
--	--------------------------	--------------------------	--

Two steps needed to show compliance documentation:

1. Description in the checklist

- **Make a statement: project will have....**
 - No effect
 - May effect, Not likely to adversely affect
 - May effect, likely to adversely affect
- **Give details: why the above statement is true**

2. Supporting documentation in Appendix

- **Species list with habitat descriptions**
- **Biological Assessment (if necessary)**
- **USFWS opinions (if necessary)**

Environmental Justice



Environmental Justice

Background.....

Historically, low-income and minority populations have been **more likely than other groups to live near areas of high contamination like....**

...landfills, incinerators, chemical plants, hazardous waste treatment facilities ...



Environmental Justice

E.O. 12898

Executive Order signed in 1994

*“Each agency shall address
disproportionately high and adverse
human health or environmental effects of
its programs/activities on **minority and**
low-income populations and American
Indian **tribes**”*



Environmental Justice

Key Considerations

- ☐ Does an ***EJ population exist*** in or near our project area? (low-income, minority population or Indian tribe)
- ☐ Does the project entail any ***adverse*** impact?
- ☐ Does the adverse impact **disproportionately affect** the EJ population?

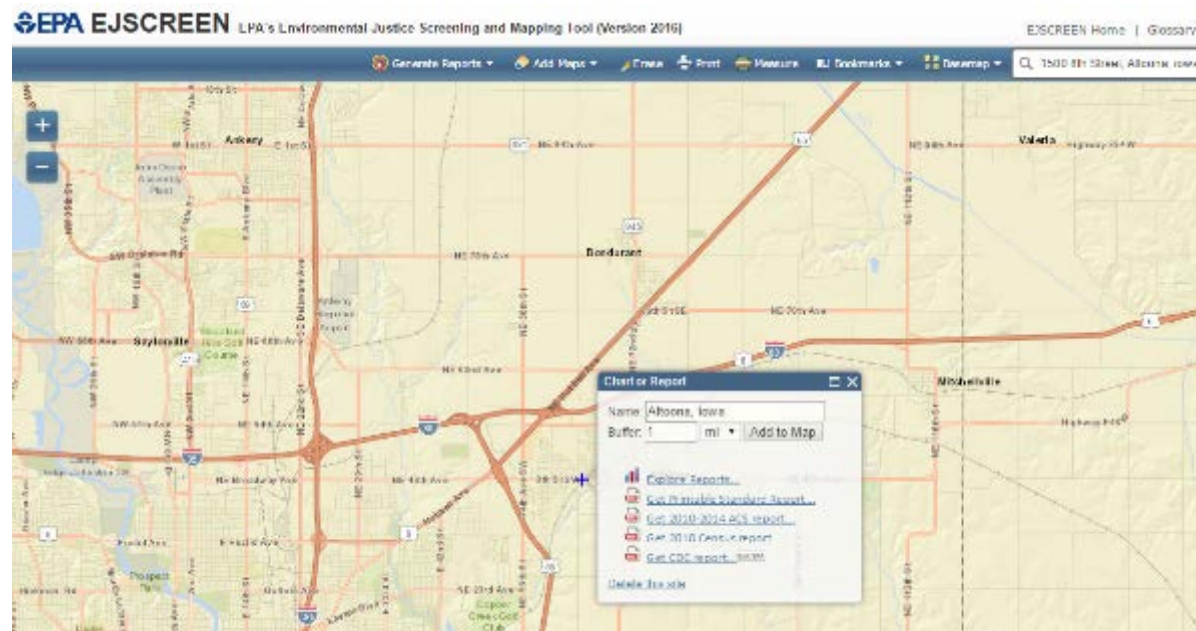


Environmental Justice

EPA: EJScreen demographics, health and other data

<https://www.epa.gov/ejscreen>

- *print out standard report: Type in address, click on generate reports pick “get Printable Standard Report”*



» Standard Report compares state and USA average:

Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0
National Pollutant Discharge Elimination System (NPDES)	0

Selected Variables	Value	State Average	Percentile in State	EPA Region Average	Percentile in EPA Region	USA Average	Percentile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$)	9.52	9.67	41	9.75	40	9.32	50
Ozone (ppb)	48.8	49.5	32	53	13	47.4	52
NATA* Diesel PM ($\mu\text{g}/\text{m}^3$)	0.784	0.585	79	0.779	60-70th	0.937	50-60th
NATA* Air Toxics Cancer Risk (risk per MM)	34	30	74	38	<50th	40	<50th
NATA* Respiratory Hazard Index	1.3	1.1	75	1.5	<50th	1.8	<50th
Traffic Proximity and Volume (daily traffic count/distance to road)	210	1400	46	490	70	590	63
Lead Paint Indicator (% pre-1960s housing)	0.1	0.44	17	0.36	28	0.3	36
Superfund Proximity (site count/km distance)	0.063	0.1	63	0.097	54	0.13	51
RMP Proximity (facility count/km distance)	1.4	0.79	81	0.59	87	0.43	92
Hazardous Waste Proximity (facility count/km distance)*	0.1	0.088	74	0.099	70	0.11	69
Water Discharger Proximity (count/km)	0.11	0.2	53	0.22	40	0.31	34
Demographic Indicators							
Demographic Index	11%	21%	21	26%	16	36%	10
Minority Population	7%	12%	48	18%	35	37%	17
Low Income Population	16%	30%	20	33%	20	35%	22
Linguistically Isolated Population	0%	2%	66	2%	65	5%	44
Population with Less Than High School Education	5%	9%	32	11%	29	14%	24
Population under Age 5	8%	6%	71	7%	69	6%	70
Population over Age 64	10%	15%	26	14%	31	14%	38

*The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <https://www.epa.gov/national-air-toxics-assessment>.

*The hazardous waste environmental indicator and the corresponding EJ index will appear as N/A if there are no hazardous waste facilities within 50 km of a selected location.

- Minority
- Low Income
- Linguistically Isolated
- Less than HS education
- Population under 5
- Population over 64

» Also, look to see if there are any EPA sites

How do I show I have considered this.....

In the Statutory Checklist:

6. Environmental Justice [Executive Order 12898]	<input type="checkbox"/>	<input type="checkbox"/>	the project location county is in the appendix Project site or neighborhood does not suffers from adverse health or environmental effects which disproportionately impact a minority or low-income population relative to the community at large. Project will assist low to moderate income person's for a better quality of life. See census statistics in the appendix and here: http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml
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Two steps needed to show compliance documentation:

1. Description in the checklist

- **Make a statement: Area around project site does or does not suffer from disproportional impacts**

2. Supporting documentation in Appendix

- **Census statistics**
- **Map from EJview**

Explosive and Flammable Operations



24 CFR Part 51 - Subpart C

- ❑ “Citing of HUD-Assisted Projects Near Hazardous AST Facilities”
- ❑ **Explosive / Flammable Operations** = Stationary commercial/industrial facilities which handle & store chemicals or petrochemicals of explosive or flammable nature – **Above-Ground Storage Tanks (ASTs)**



24 CFR Part 51 - Subpart C

Remember: ONLY Above Ground Storage Tanks (ASTs)

- HUD regulation requires achieving an **Acceptable Separation Distance (ASD)** from explosive and fire hazards

- **Only 2 threats assessed**

- **Blast overpressure** (explosion)
 - **Thermal** radiation (fire)



- Threats from release of **toxic chemicals or substances are NOT addressed** by this HUD guidance [Rather, §58.5(i)(2)]

Applicable Activities

Applies where **bringing people to the tanks...or tanks to the people**

☐ Does not apply to:

- Owner-Occupied Rehabilitation
- Water/Sewer Projects
- Downtown Façade projects

☐ Applies to:

- Community Facilities: New construction only not rehabilitation or additions
- Economic Development: New construction

Detecting Hazardous Operations

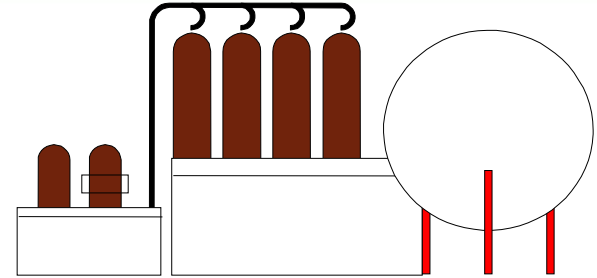
Determine if any AST within 1 mile Radius



Calculating ASD

Data needed...

1. size of the tank
2. contents (liquid/gas)
3. pressurized/ not under pressure
4. diked/not-diked (length & width)
5. distance from project to tank



Then perform the calculation....HUD's **ASD**
on-line tool

<https://www.hudexchange.info/environmental-review/asd-calculator/>

Mitigation

1. Construct a Barrier

- ❑ Only Professional Engineers (PE) are permitted to design barrier
 - Civil engineer or Structural engineer
- ❑ Construction oversight by same required

2. Bury the Tank



How do I show I have considered this.....

In the Statutory Checklist:

7. Explosive and Flammable Operations [24 CFR 51C]	<input type="checkbox"/>	<input type="checkbox"/>	and here: http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml Visual search of the area around the project revealed that the project is NOT located within sight of or in proximity to an above ground storage tanks or facilities that stores, handles or processes chemicals or petrochemicals of an explosive or flammable nature, such as liquid propane, gasoline or other above-ground storage tanks.
--	--------------------------	--------------------------	--

Two steps needed to show compliance documentation:

1. Description in the checklist

- **Make a statement:**
 - **Type of project is exempt from this review**
 - **project is or is not near an AST**

2. Supporting documentation in Appendix

- **If near, separation distance calculator results**
- **Description of mitigation**

AIRPORT HAZARDS



Background



In 1975 GSA issued **Federal Management Circular (FMC 75-2, Compatible Land Uses At Federal Airfields)**: **directing all federal agencies, including HUD, to make sure their actions were compatible with land use** recommendations prepared by the operating agencies for federally owned airports and airfields

24 CFR Part 51, Subpart D

Part 51- D, “Siting of HUD Assisted Projects in Runway Clear Zones at Civil Airports and Clear Zones and Accident Potential Zones at Military Airfields”

Three zones where incompatible land uses can occur:

- **Runway Clear Zones (RCZs):**
Area immediately beyond the ends of FAA **civilian** airport runways
- **Clear Zones (CZs):** Area immediately beyond the ends of **military** airfield runway
- **Accident potential Zones (APZs):**
Area immediately beyond the Clear Zones of **military** airfield

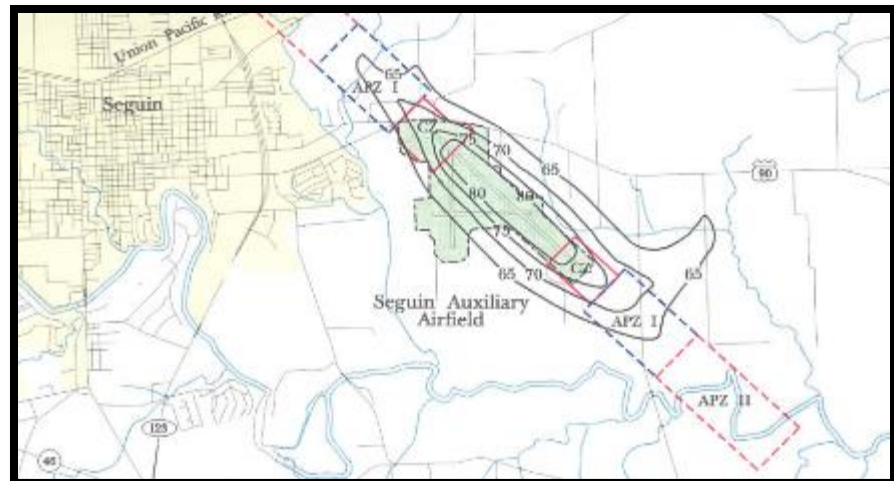


24 CFR Part 51, Subpart D

HUD Restrictions on development

Prohibits certain HUD-funded activities in Clear Zones (RCZs & CZs) and discourages assistance in Military APZs

- *New construction*
- *Substantial rehabilitation: Minor repair/rehab (<75% pre-rehab value) allowed*
- *Change in land use*



24 CFR Part 51, Subpart D

❑ **Part 51-D applies to all civil** airports designated by FAA in National Plan of Integrated Airport Systems (NPIAS)

www.faa.gov/airports/planning_capacity/npias/reports/

❑ Information to obtain from civil airport: **“Airport Layout Plan”** – shows RCZ – get from airport operator or FAA regional office. Now called **Runway Protection Zone** (RPZ)

❑ Information to obtain from military airfield: **“AICUZ” study** [A-Cooz] – shows CZ & APZ

How do I show I have considered this.....

In the Statutory Checklist:

2. Airport Hazards (Clear Zones and Accident Potential Zones) [24 CFR 51D]	<input type="checkbox"/>	<input type="checkbox"/>	<p>Project is NOT 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. HUD policy is to promote compatible land uses in <u>RCZ/CZ/APZ</u>.</p> <p>OR</p> <p>Project is located within 2,500 feet of the end of a civil airport runway. Airport layout plan obtained and project is not within the <u>RCZ/RPZ</u>. <u>NPIAS</u> list checked at http://www.faa.gov/airports/planning_capacity/npias/reports/. Airport layout plan obtained and project is not within the <u>RCZ/RPZ</u>. Layout Plan in Appendix.</p> <p>OR</p> <p>Project is 15,000 feet of the end of a military airfield runway. HUD policy is to promote compatible land uses in <u>CZ/APZ</u>. An <u>AICUZ</u> study was obtained from the</p>
--	--------------------------	--------------------------	--

Two steps needed to show compliance documentation:

1. Description in the checklist
 - **Make a statement: project is or is not located near the end of a civil or military runway**
2. Supporting documentation in Appendix
 - **Map of airports near project location**
 - **Layout plans**

Farmland Protection



Historical Background

- ❑ National Agricultural Land Study of 1980-81: **millions of acres** of farmland being converted in the U.S. each year
- ❑ 1981 Congressional report, “Compact Cities: Energy-Saving Strategies for the Eighties”: identified need for Congress to implement programs and policies to protect farmland
- ❑ Congress passed the Agriculture and Food Act of 1981 (Public Law 97-98) containing **Farmland Protection Policy Act (FPPA): Implemented by 7 CFR Part 658**

Definitions

Only special categories of farmland qualify for FPPA protection

❑ “Important Farmland” includes:

- ❑ Prime farmland
- ❑ Unique farmland
- ❑ Farmland of statewide or local importance

❑ Farmland subject to FPPA requirements can be **cropland, pastureland, or forest** land – but not water or urbanized land

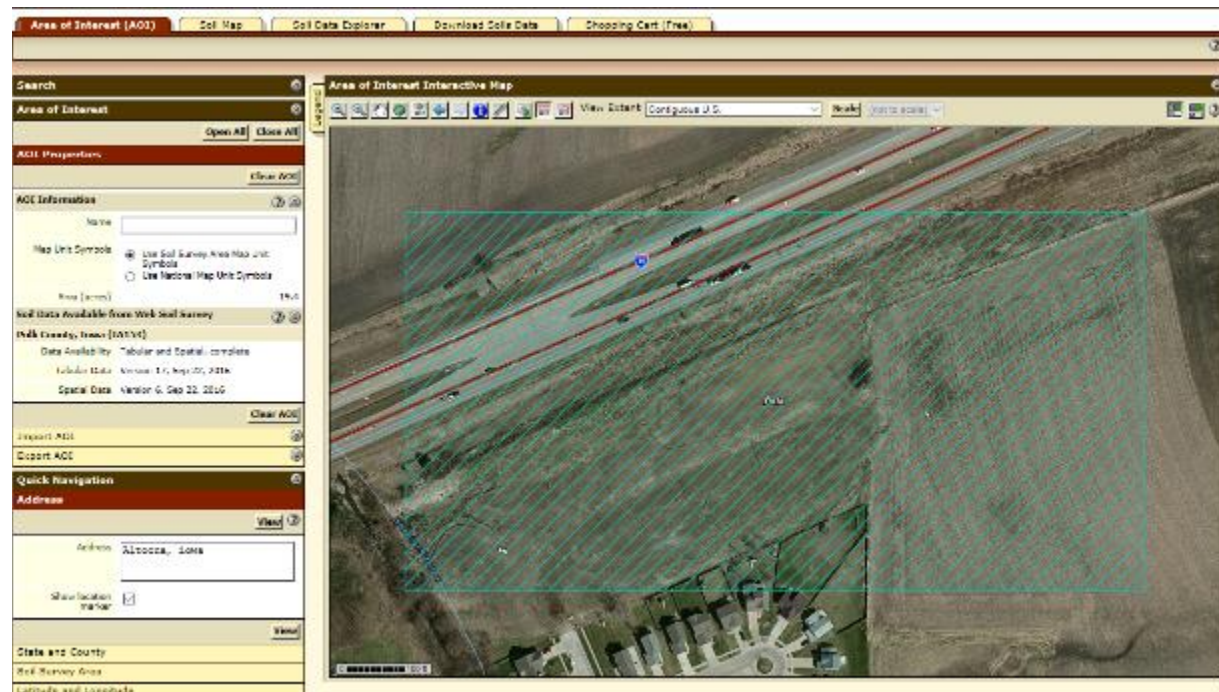


Activities not subject to FPPA....

- ✓ Land “**already committed to urban development**”
 - **Downtown Façade projects**
 - **Owner-occupied rehabilitation**
 - **Community facilities – rehab only**
- ✓ used for water storage
 - **Water tower projects only**

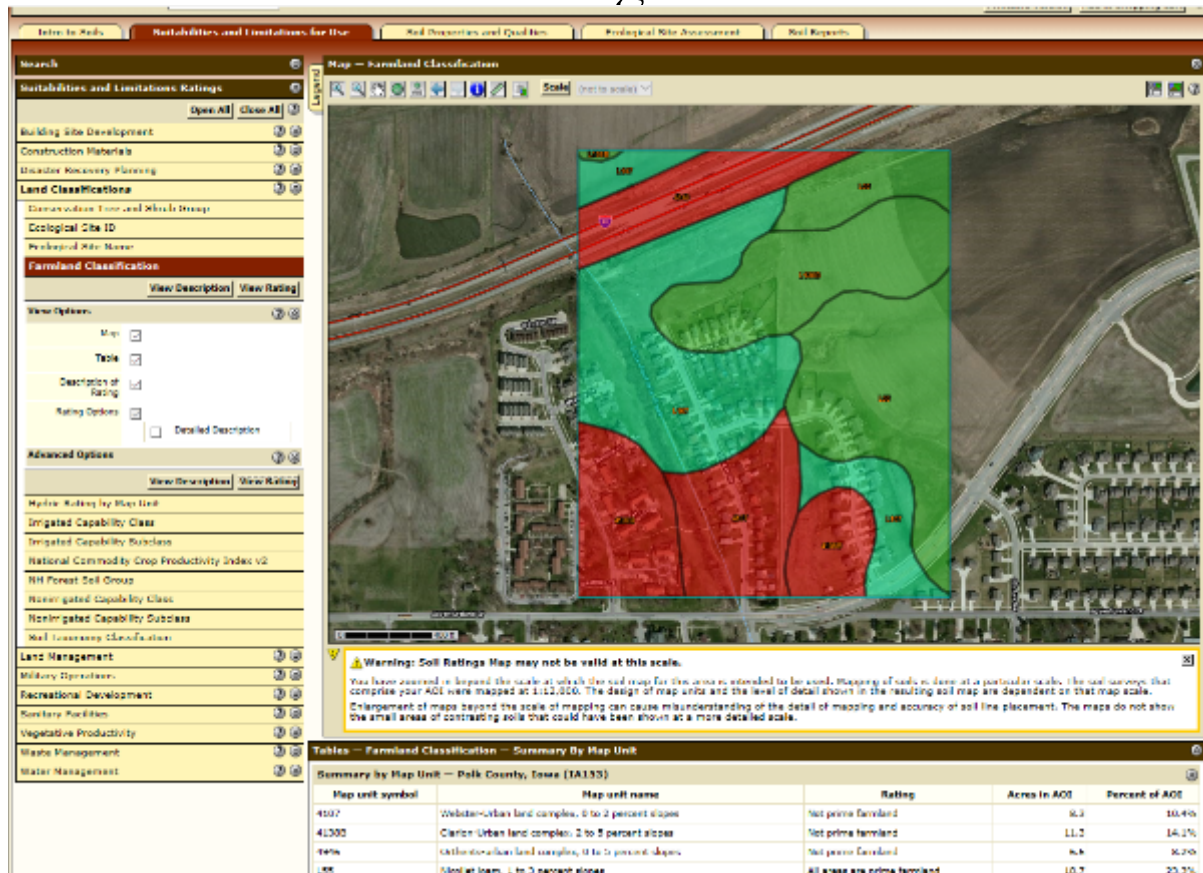
Land already **zoned non-agricultural** **does not exempt** the property from FPPA compliance

- Website: <https://websoilsurvey.nrcs.usda.gov/app/>
- First define you Area of Interest:
 1. Zoom into the area with the magnifying glass
 2. Click on the AOI button
 3. Draw the area



4. And then.....

5. Click on Soil data explorer tab
6. Click on Land Classification on list at left
7. Click on Farmland Classification on list at left
8. Click on View Rating Button



Land Evaluation & Site Assessment

“Land Evaluation and Site Assessment” (LESA) Developed by USDA-NRCS, to evaluate farmland being considered for conversion from agricultural usage

- ☐ If project contains prime/unique farmland, RE/HUD initiates intergovernmental evaluation of the property using **Form AD-1006, “Farmland Conversation Impact Rating”**
- ☐ Form AD-1006 can be downloaded at:
www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1045394.pdf
- ☐ Parts I,III,VI, VII to be completed by Agency
- ☐ Parts II, IV, V to be completed by NRCS

Form AD-1006

- Must access rating criteria at 7 CFR 658.5:
<https://www.law.cornell.edu/cfr/text/7/658.5>
- The criteria help you answer questions 1-12 on Part VI
- After completing sections I, II, VI send to NRCS field office:
<https://offices.sc.egov.usda.gov/locator/app?state=ia>
- Complete section VII after NRCS review, if value is 160 then consider alternative sites, modifications, or mitigation

How do I show I have considered this.....

8. Farmland Protection [7 CFR 658]			tanks. Project is NOT located in area that includes prime farmland, unique farmland, or land of statewide or local importance. Map and description can be found in the appendix and here: http://websoilsurvey.nrcs.usda.gov/app/ OR Project location will be used for a water storage OR Project location already has a structure on it, which will be rehabilitated as part of the funded project activity.
--	--	--	--

Two steps needed to show compliance documentation:

1. Description in the checklist:

- Project is or is not located in an area that includes prime farmland
- Project is already committed to urban development
- Project location already has a structure
- Project does have prime farmland, LESA assessment conducted site below 160, no mitigation required

2. Supporting documentation in Appendix

- Soil maps
- USGS Map showing urban overlay
- AD-1006 forms



Floodplain Management and Flood Insurance



Cedar Rapids, Iowa - 2008



National Flood Insurance Act of 1968

Established National Flood Insurance Program (**NFIP**) AND the 100-year elevation as regulatory baseline.....which eventually lead to:

- **Floodplain Management** – implemented by 24 CFR Part 55 Triggered at 24 CFR **§58.5**

1977: Executive Order 11988, “Floodplain Management”

- ☐ The “no practicable alternative” test of avoidance
- ☐ The “8-Step” analysis process

- **Flood Insurance** – Flood Disaster Protection Act of 1973 (as amended) Triggered at 24 CFR **§58.6**

1994: National Flood Insurance Reform Act of 1994

- ☐ More stringent lender requirements
- ☐ Mandatory insurance for buildings in 100 yr floodplain
- ☐ Use of FEMA Form, “Std Flood Hazard Determination”

Step 1: Identify flood hazard [§55.20(a)]

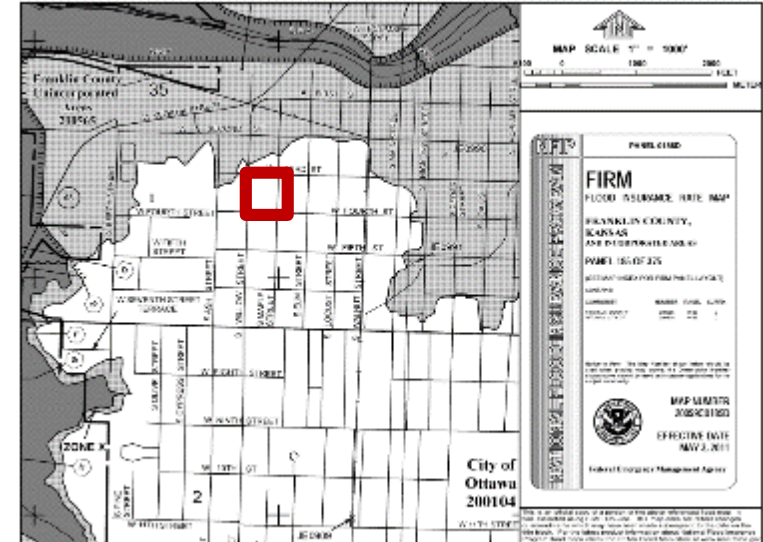
- » **Use FEMA maps** to determine if project is in flood hazard area (100 year or 500 year floodplain). Check for FEMA flood maps on-line or hard copy. Flood Insurance Rate Map (**FIRM**) or Flood Hazard Boundary Map.
- » **FEMA Maps available** at <https://msc.fema.gov/portal>
 - Create FIRMETTE, photocopy FEMA map and panel, or obtain flood information from other source
 - **Mark the project's boundary** on the map
 - Use to document the ERR
- » **Unmapped flood hazard areas**
 - Contact Bill Cappuccio at DNR with a project map and ask if there are any special flood hazards
Bill.Cappuccio@dnr.iowa.gov

Step 1: Identify flood hazard [§55.20(a)]

» Flood Maps:

» <https://msc.fema.gov/portal>

1. Type in Address
2. Click “view map”
3. Zoom into project site
4. Click make a FIRMette
5. Move pink box to project area on map
6. Save as a PDF or Image



Identify flood hazard [§55.20(a)]

Must determine if the project is in a Special Flood Hazard Area or if a critical action in a 500 year floodplain:

» **Special Flood Hazard Area (SFHA)**

aka, “100-year floodplain”

aka, “Base Flood Elevation” (BFE)

Shown on FEMA maps as **Zone A**

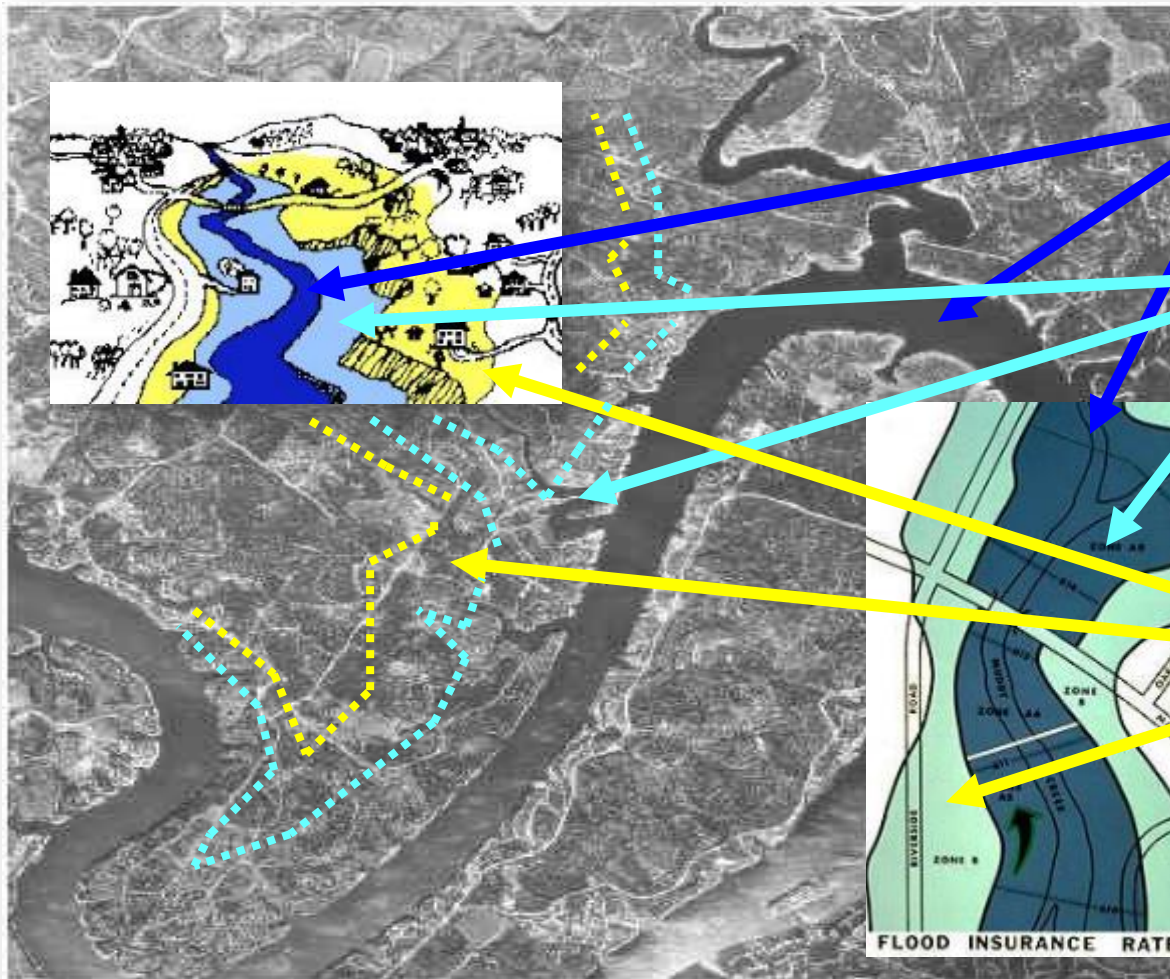


» **“Critical Action”** located in:

500-year floodplain

Shown on FEMA maps as **Zone B** or **Shaded X**

Flood Zone Terms



Floodway

*SFHA
Zone A
"100-year"
floodplain*

*Critical Action
Zone B /
Shaded X
"500-year"
floodplain*

What is a Critical Action in the 500-year Flood Plain?

Activity for which even a slight chance of flooding would be too great and which might result in loss of life, injury or property damage [§55.2(b)(3)]

Example:

*Essential or irreplaceable
records or emergency
services*

**Community
Storm
Shelters**



What is a Critical Action in the 500-year Flood Plain?

Critical Action Example: Sanitary Sewer Plant



What is a Critical Action in the 500-year Flood Plain?

Critical Action

Example:

Occupants of hospital, nursing home, assisted living...



Assisted living center

Mobility restricted



Floodplain Management: **Project Options**

If your proposed project is in the 100-year floodplain or a critical action in a 500-year floodplain:

- **Reject** project site – Avoid the flood hazard
- Determine if Floodplain Management might be “inapplicable”/meet an exception
- Begin “**8-step process**” – 24 CFR Part 55.20
Hard look at alternative sites, minimize flood hazards, restore beneficial values of the floodplain, engage the public

Floodplain Management: **Exceptions**

Exceptions at §55.12(a),(b) and (c)....a few of the most frequently used:

§55.12(c)(8) *Project site has obtained from FEMA:*

- **LOMA** – “Letter of Map Amendment” – **correction** to the map; e.g., better map data
- **LOMR** – “Letter of Map Revision” – used where particular site has been **elevated** above the SFHA
- **CLOMR** – “Conditional Letter of Map Revision” - used if the proposed changes are made to the project, then LOMR could be granted.

More Exceptions to the 8-Step Process

- » **§55.12(c)(3)** Restoration/preservation of natural & beneficial values of floodplain or wetland – including **land acquisition** - provided
 - Property is cleared of all structures
 - Property dedicated to flood control, wetlands, park or open space
 - Permanent covenant to preserve floodplain or wetland from future development

- » **§55.12(c)(7)** Project site with **incidental portion** in floodplain, provided:
 - No construction/modification of floodplain or wetland
 - Site drainage is adequate & w/o adverse effect on wetland
 - Permanent covenant to preserve floodplain or wetland use

Floodplain Management – “8 Step Process”

If project is in a flood plain and does not meet an exception, start the 8-step process:

- **Step 1.** Determine whether the proposed action is located in 100-year floodplain (or 500-yr for critical action)
- **Step 2.** Publish “Early Public Notice” of the proposal to consider an action in the floodplain (15 day minimum comment period)
- **Step 3.** Evaluate practicable alternatives to locating the proposed action in a floodplain
- **Step 4.** Identify the potential impacts associated with occupancy and modification of the floodplain
- **Step 5.** Design or modify the action to minimize adverse impacts and preserve the beneficial values of the floodplain

Floodplain Management – “8 Step Process”

- **Step 6.** Reevaluate whether proposed action is practicable
 - **Step 7.** Publish “Final Public Notice” of decision to identify why there is “no practicable alternative,” and the alternatives and mitigation measures adopted (7 day minimum comment period)
 - **Step 8.** Implement proposed action with mitigation measures
-
- ❖ 8-Step process shall be **concluded** prior to completion of the NEPA environmental review (§55.10)
 - ❖ However, may publish “Final Public Notice” (Step 7) concurrent with FONSI and/or NOI-RROF notices

Step 2 – Early Public Review [§55.20(b)]

- » 15 day minimum comment period
- » Include required elements in notice – see §55.20(b)
- » Sample notice on IEDA website



Step 3 – Identify & Evaluate Practicable Alternatives [§55.20(c)]

“Practicable” - general concept of site feasibility – natural, social, economic, legal factors

- Specific alternative sites must be identified that are outside floodplain
- Alternative methods that achieve the same project objective/purpose
- “No Action” – always an alternative

Burden is on RE to meet



Step 4 – Identify Potential Direct & Indirect Impacts [§55.20(d)]

Two areas of concern:

- Impacts to Lives and Property
- Impacts to Floodplain

Three types of impact:

- Positive & Negative
- Concentrated & Dispersed
- Short- and Long-Term

Will project encourage future Floodplain development?



Step 5 – Minimize, Restore, Preserve [§55.20(e)]

- **Minimize** – rigorous, demanding standard – “reduce harm to smallest possible degree.” Far beyond mitigate or alleviate
- **Restore** – re-establish environment in which the natural & beneficial floodplain values can operate
- **Preserve** – prevent modification to natural floodplain or maintain as closely as possible to its natural state



Step 6 – Re-Evaluate Proposal & Alternatives [§55.20(f)]

Is project *still feasible* considering:

- » Impacts to floodplain (Step 4)
- » Minimization actions and opportunities to restore & preserve floodplain values (Step 5)

If not, and in light of Steps 4 & 5, do alternatives rejected in Step 3 appear feasible? Prepare table to compare adverse impacts of alternatives

If neither proposed project nor alternatives are acceptable, the alternative is **No Action**

Step 7 – Public Explanation [§55.20(g)]

If no practicable alternative exists, inform the public. 7 day minimum comment period.

Notice must include:

1. Reasons why project must be located in floodplain
2. List of alternatives considered & addresses
3. All mitigation measures to be taken and actions to restore and preserve natural and beneficial values

Notice can be combined with NOI/RROF or FONSI/RROF

Sample final notice on HUD Exchange website

Sample 8-Step also on HUD Exchange:

<https://www.hudexchange.info/resource/3190/floodplain-management-8-step-decision-making-process/>

Step 8 – Implement Project [§55.20(h)]

RE has **continuing responsibility** to ensure that measures in Step 7 are implemented

Documentation (§55.27) must show:

- that **actual sites** were identified & considered as practicable alternatives
- minimization measures have been applied to the project design & incorporated into agreements

How do I show I have considered this.....

In the Statutory Checklist:

			the funded project activity.
9. Floodplain Management [24 CFR 55, Executive Order 11988]	<input type="checkbox"/>	<input type="checkbox"/>	Project location is not on the 100 or 500 year floodplain. FIRMette found in Appendix. Map panel number: #####
10. Historic Preservation			

Two steps needed to show compliance documentation:

1. Description in the checklist

- ***Make a statement: is or is not in a floodplain***
- ***Give details: Map panel Number***

2. *Supporting documentation in Appendix*

- ***FEMA FIRM Maps***
- ***8 Step decision making process***
- ***Publications***

Flood Insurance 58.6 requirements form

National Flood Insurance Program (NFIP)

3. 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. Cite or attach Source Document: _____
(Proceed with project.)

☐ Yes. Cite or attach Source Document: _____
Is the community participating in the National Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

- » In exchange for adopting and enforcing a local Floodplain Management (FPM) ordinance, Federally backed flood insurance is made available to property owners throughout the community but only within **participating communities**
- » FEMA list of communities participating in NFIP is “Community Status Book” www.fema.gov/fema/csb.shtm
- » Most HUD programs require applicants to carry flood insurance if in a 100 year floodplain. **However, CDBG state grant recipients are exempt from this requirement.**

Floodplain Management – Additional Guidance

“Floodplain Management Guidelines for Implementing Executive Order 11988”

*U.S. Water Resources Council
43 FR 6030, February 10, 1978*

“Further Advice on Executive Order 11988 Floodplain Management”

*Interagency Task Force on
Floodplain Management, 1982*

Noise Control

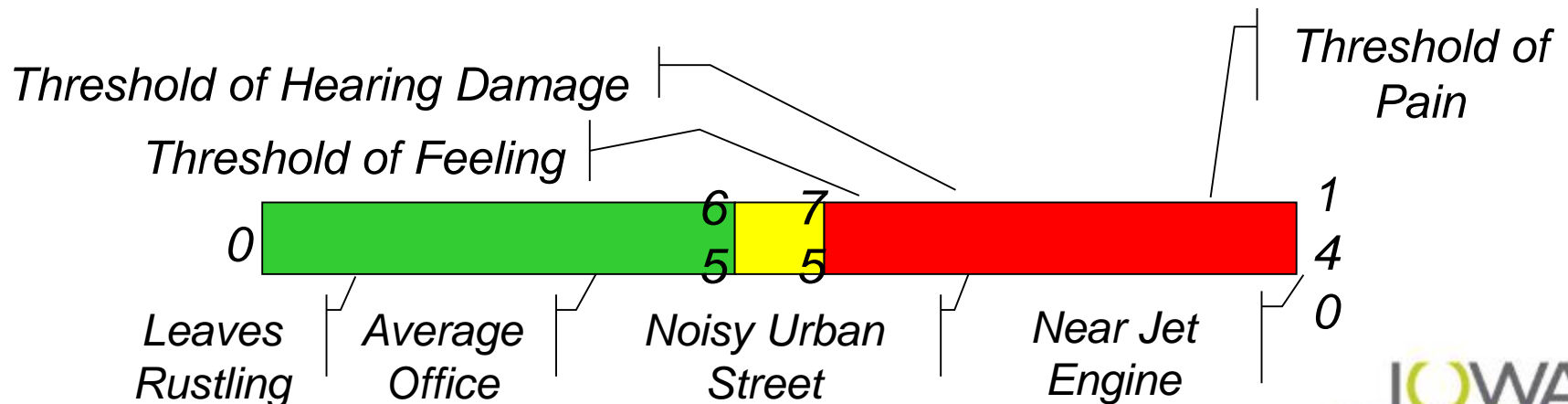


Background

Congress passed the **Noise Control Act of 1972**, amended by the **Quiet Communities Act of 1978**

Implemented for HUD projects through regulation **24 CFR Part 51, Subpart B**:

- **Acceptable** Range: ≤ 65 dB
- **Normally Unacceptable** Range: $65 \text{ dB} \leq 75 \text{ dB}$
- **Unacceptable** Range: $> 75 \text{ dB}$



Conducting Noise Analysis

Determine whether project is noise sensitive. Any activity that is easily disturbed by high noise levels...

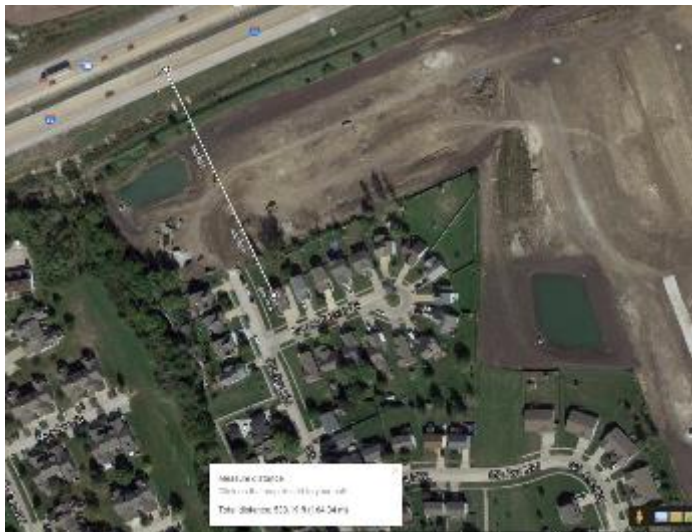
- Owner Occupied Housing
- Community Facilities – community center, day care center, etc

However, DTR, Water & Sewer, Storm Water, EDSA are NOT noise sensitive projects

Conducting Noise Analysis

**Determine if the project is located within threshold distance.
Calculate from the NAL: Noise Assessment Location:**

- ✓ 1,000 feet of major/busy road
- ✓ 3,000 feet of railway
- ✓ 15 miles of airport

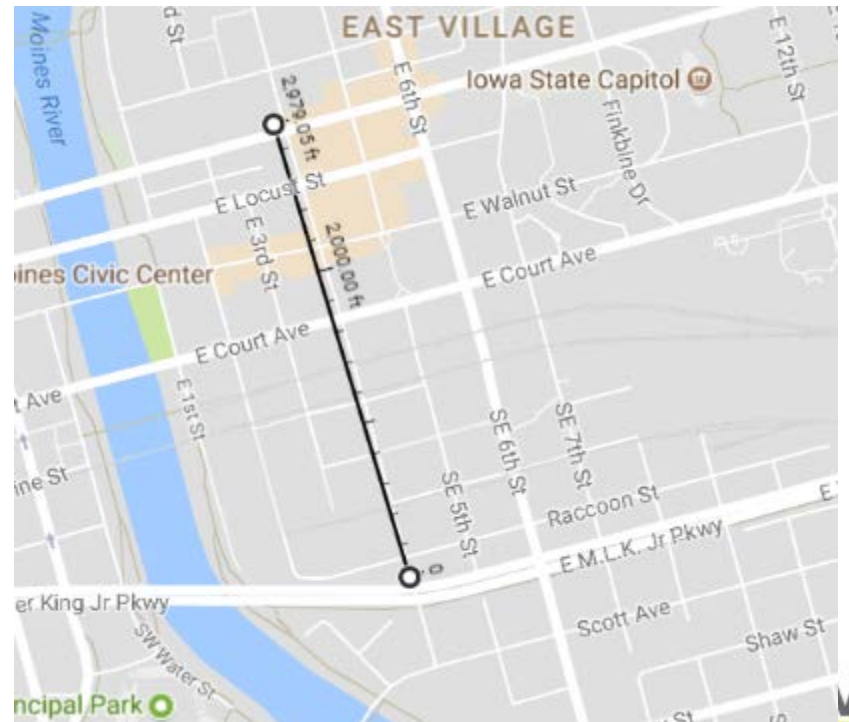
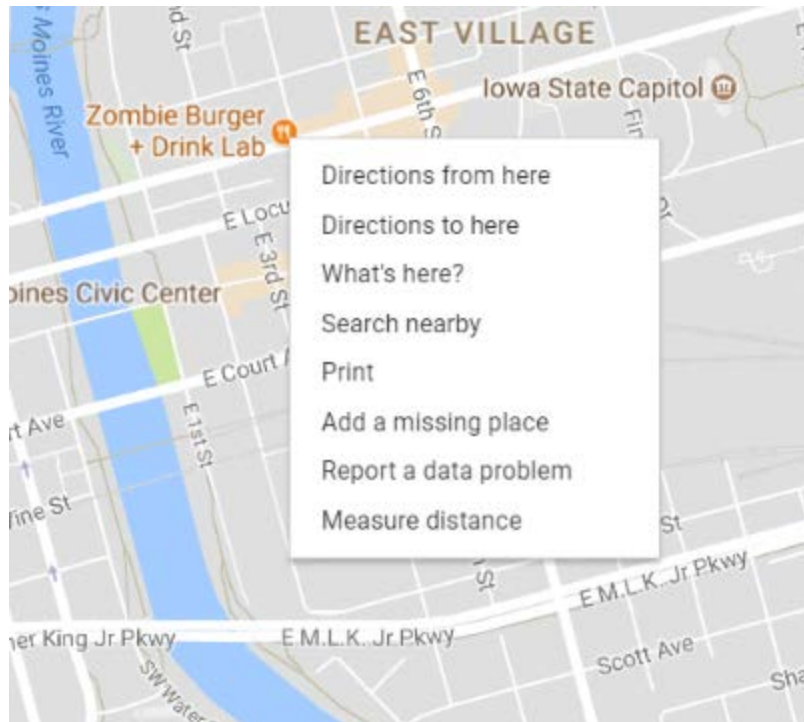


NAL is located 6.5 feet in front of the façade of the proposed building at the point that is closest to the noise source

If more than one building, use building nearest to noise source

Measuring Distance

- » Use Google Maps
- » Find location, right click, click on the first point, then drag to the second location.



Conducting Noise Analysis

If within 15 miles of an airport:



- Civil airports subject to Part 51-B are those designated in the FAA's "National Plan of Integrated Airport System" (NPIAS) – generally, 9,000 enplanements or higher
www.faa.gov/airports/planning_capacity/npias/reports/
- Obtain noise contour plan or data on # flights per day, both daytime and at night
- At Military Installations, ask for their "Air Installation Compatible Use Zone" Plan – It is intended to be shared with local planners and developers

Conducting Noise Analysis

If within 1,000 ft of a roadways



- DOT for Average Daily Traffic (ADT)

<http://www.iowadot.gov/maps/msp/traffic/tmaps.html>

- Need to discover:

1. Effective Distance? **Site Visit**
2. Distance to Stop? **Site Visit**
3. Average Speed? **Site Visit**
4. Average Daily Trips (ADT)? **Website**
5. Night Fraction? Default = **.15% of ADT**
6. Road Gradient for Heavy Trucks? Default = **2%**

FHWA Vehicle Data

Iowa Department of **TRANSPORTATION**

INDEX [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#)

[DOT Home](#) | [About](#) | [Phone Book](#) |



Office of Systems Planning

Annual average daily traffic (AADT)

▶ Cartography and Traffic Data home

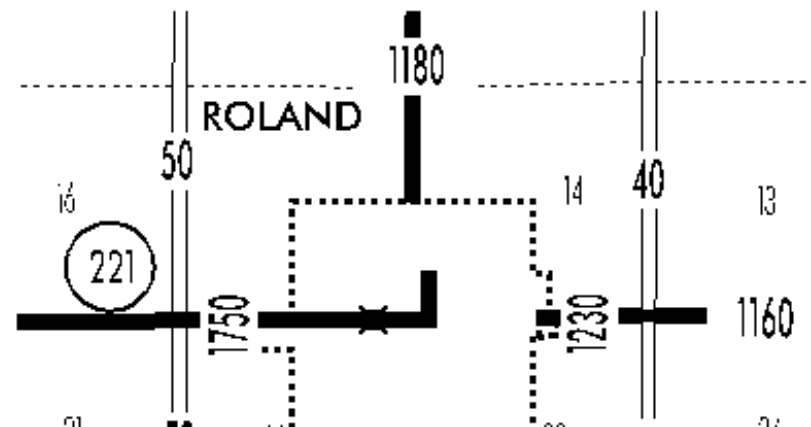
▶ **Data**

▶ Digital maps

- ▶ State maps
- ▶ City and county maps
- ▶ Traffic maps
- ▶ Interactive Maps
- ▶ Other maps

▶ Order paper maps

▶ Contact information



Iowa DOT > Planning > Data

FHWA Vehicle Data

Office of Systems Planning

▶ Cartography and
Traffic Data home

▶ Data

- ▶ Vehicle-miles traveled
- ▶ City-to-city distance
- ▶ Secondary road miles
- ▶ Miles of public roads

▶ **Volume of traffic on
the Primary Road
System**

Volume of traffic on the Primary Road System

The Iowa Department of Transportation's Office of Systems Planning, in cooperation with the Federal Highway Administration, prepares this biennial traffic report. This report is used by federal, state, and local governmental agencies in determining highway needs, construction priorities, route location, and environmental impact studies; and the application of appropriate design standards. The public uses this information in determining the amount of traffic that passes a given area as they make their development plans and propose land use changes. The above reflects only a few of the many technical uses for this data.

Annual Traffic Book

[2013](#)
[2012](#)
[2011](#)
[2010](#)
[2009](#)
[2008](#)

Iowa DOT > Planning > Data > Volume of Traffic > Traffic Book

FHWA Vehicle Data

Office of Systems Planning

[Back](#) | [Introduction](#) | [Explanation of headings](#) | [PDF for all 2015 routes](#) | [Cartography and Traffic Data home](#)

Route	2015	Rural/Municipal	Section length (miles)	Annual Average Daily Traffic	Vehicle Classification Distribution of Annual Average Daily Traffic											Average Daily Vehicle Miles	
	Primary Route Section Description				Motorcycles	Cars, Vans and Pickups	Total Trucks and Buses	Single Unit Trucks				Combination Trucks				All Vehicles	Trucks and Buses
								Buses	2 Axle	3 Axle	4 or more Axles	4 or less Axles	5 Axle	6 or more Axles	Multiple Trailer		
80	77 POLK COUNTY																
80	I 35 & I 235 WEST INTERCHANGE	M	0.688	69700	279	57933	11487	330	1212	241	14	610	8701	117	264	47954	7903
80	DUPLICATE ROUTE WITH I 35 I 35 & I 235 EAST INTERCHANGE TO US 65 INTERCHANGE AT																
80	WEST LIMITS OF ALTOONA	R	2.844	78100	311	64466	13323	612	2245	446	26	629	8974	121	272	222116	37891

Auto

*Medium
Truck*

*Heavy
Truck*

Conducting Noise Analysis

If within 3,000 of a railroad

- ☐ Federal Railroad Administration (FRA) at-grade crossing inventory database safetydata.fra.dot.gov/OfficeofSafety/publicsite/crossing/xingqryloc.aspx
 - ☐ Print out U.S. DOT Crossing Inventory Form
 - ☐ Information found in Part II: Railroad Information
- ☐ Take crossing # from bungalow or signal mast, e.g., 669871J
- ☐ Need to discover:
 - How many Trains per day? **Website**
 - Number of Cars per train? **Default = 50**
 - Number of Engines per train? **Default = 2**
 - Diesel or electric? **Diesel**
 - Rails welded or bolted? **Site Visit (most welded)**
 - Speed of train? **Website**
 - Percent of night operations? **Website**
 - Horns? **Y** Quiet Zone? **N** (if quiet zone then no horns)



HUD's Noise Standards

Use the HUD on-line calculating tool

www.hudexchange.info/programs/environmental-review/dnl-calculator

Railroad #1 Track Identifier: <input type="text"/>		
Rail # 1		
Train Type	Electric <input type="checkbox"/>	Diesel <input checked="" type="checkbox"/>
Effective Distance	<input type="text"/>	<input type="text" value="2000"/>
Average Train Speed	<input type="text"/>	<input type="text" value="20"/>
Engines per Train	<input type="text"/>	<input type="text" value="2"/>
Railway cars per Train	<input type="text"/>	<input type="text" value="50"/>
Average Train Operations (ATO)	<input type="text"/>	<input type="text" value="2"/>
Night Fraction of ATO	<input type="text"/>	<input type="text" value="0"/>
Railway whistles or horns?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Bolted Tracks?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Train DNL	<input type="text"/>	<input type="text" value="45.8"/>
Calculate Rail #1 DNL	<input type="text" value="45.8"/>	<input type="button" value="Reset"/>

HUD policy for housing and noise sensitive uses...

- ☐ **New Construction – Prohibit** (generally) HUD support for new construction of noise sensitive uses on sites having unacceptable ($65\text{ dB} < 75\text{ dB}$) noise exposure [24 CFR 51.101(a)(3)]
- ☐ **Rehabilitation – Encourage**, or strongly encourage, noise attenuation features, or convert to a land use compatible with high noise levels [24 CFR 51.101(a)(5)]
 - ☐ Rehab projects in **all** noise exposed areas: Responsible Entity “shall encourage attenuation”
 - ☐ Housing rehab project in **unacceptable** noise zone: RE shall “strongly encourage” **conversion** to compatible land use.

How do I show I have considered this.....

In the Statutory Checklist:

			in the appendix.
11. Noise Control [24 <u>CFR</u> 51B]	<input type="checkbox"/>	<input type="checkbox"/>	Project location is NOT within 1,000 feet of major/busy road, 3,000 feet of railway, or 15 miles of airport (civil or military). OR Project activity is not residential in nature nor a noise sensitive use (day care center, hospital, or community center)

Two steps needed to show compliance documentation:

1. Description in the checklist

➤ ***Make a statement:***

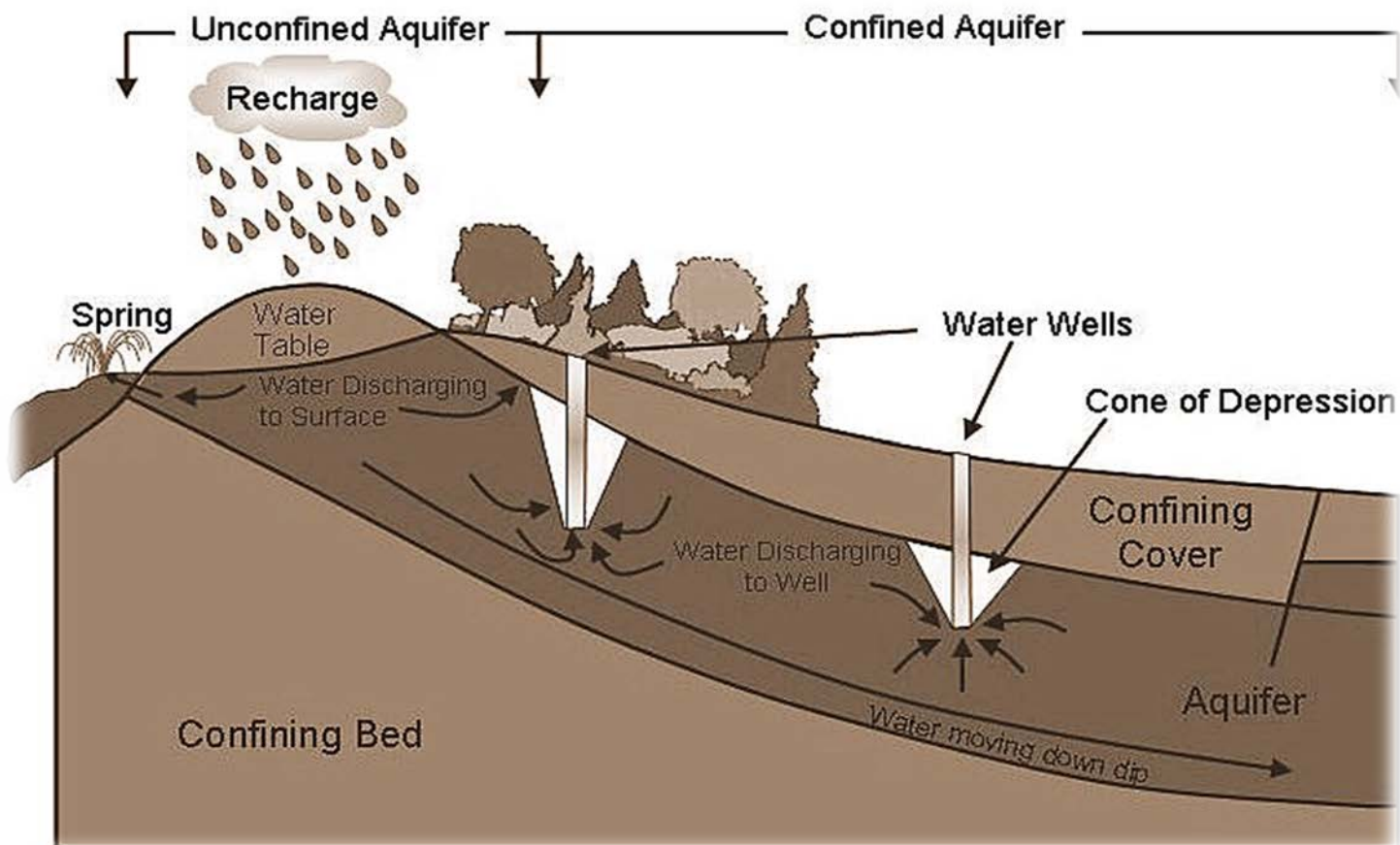
- ***project is or is not a noise sensitive use***
- ***Project is or is not within threshold criteria***

2. *Supporting documentation in Appendix*

- ***Map showing distances to threshold criteria***
- ***Noise calculation spreadsheet***
- ***Listing of attenuation features***

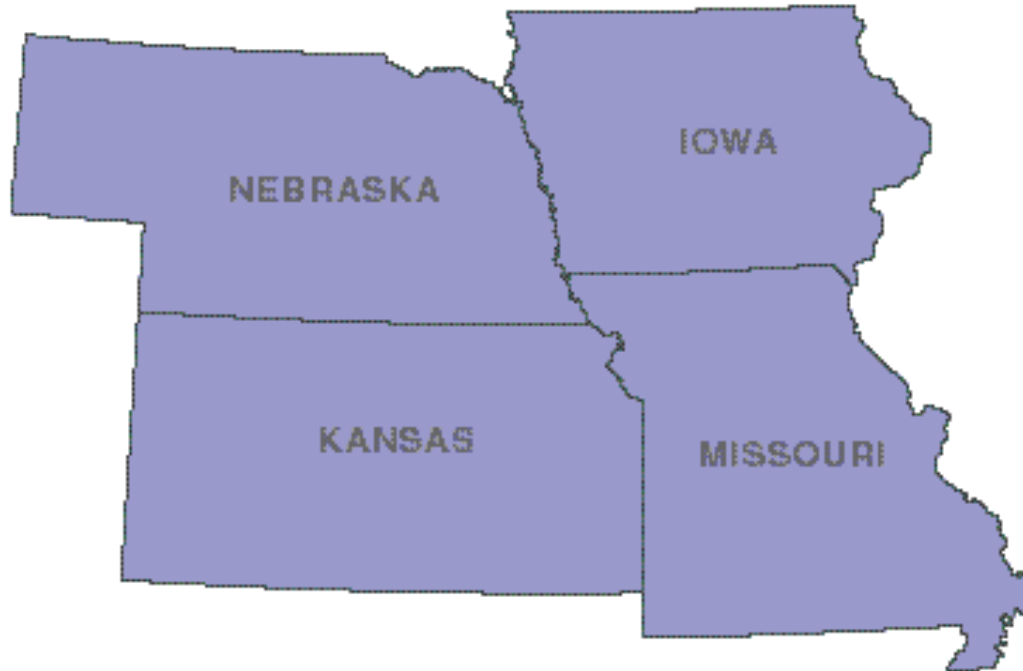
Water Quality Protection

Sole Source Aquifers



SSAs Located within HUD Region VII

No SSAs currently designated in states of Region VII



Print map and put in ERR:

www.epa.gov/safewater/sourcewater/pubs/qrg_ssamap_reg7.pdf

How do I show I have considered this.....

In the Statutory Checklist:

12. Water Quality (Sole Source Aquifers) [40 CFR 149]	<input type="checkbox"/>	<input type="checkbox"/>	center, hospital, or community center) Project is NOT located within area of an EPA-designated sole source aquifer. Map found in appendix and here: http://www.epa.gov/safewater/sourcewater/pubs/grq_ssamap_req7.pdf
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Two steps needed to show compliance documentation:

1. Description in the checklist

- **Make a statement: Project is not located within the area of an EPA designated sole source aquifer**

2. Supporting documentation in Appendix

- **Map from website**

Wetlands Protection



What Are Wetlands?

*Wetlands are “.....those areas that are inundated or saturated by surface or ground **water** at a frequency and duration sufficient to support, and under normal circumstances do support, a prevalence of **vegetation** typically adapted for life in saturated **soil** conditions”*

- **Clean Water Act, Section 404**
- **HUD 24 CFR 55.2(b)(11)**



What are Wetlands?

*Wetlands generally require **presence of three conditions** to meet federal definitions*

*Hydric **soils***



*Hydrophilic **vegetation***



*Year-round & seasonal **water***



Federal Authorities that Protect Wetlands

Executive Order 11990, “Protection of Wetlands “ (1977)

“...**avoid** to the extent possible the long and short term adverse impacts associated with the destruction or modification of wetlands and to **avoid** direct or indirect support of new construction in wetlands wherever there is a practicable alternative...”

Section 404 of the Clean Water Act (1977)

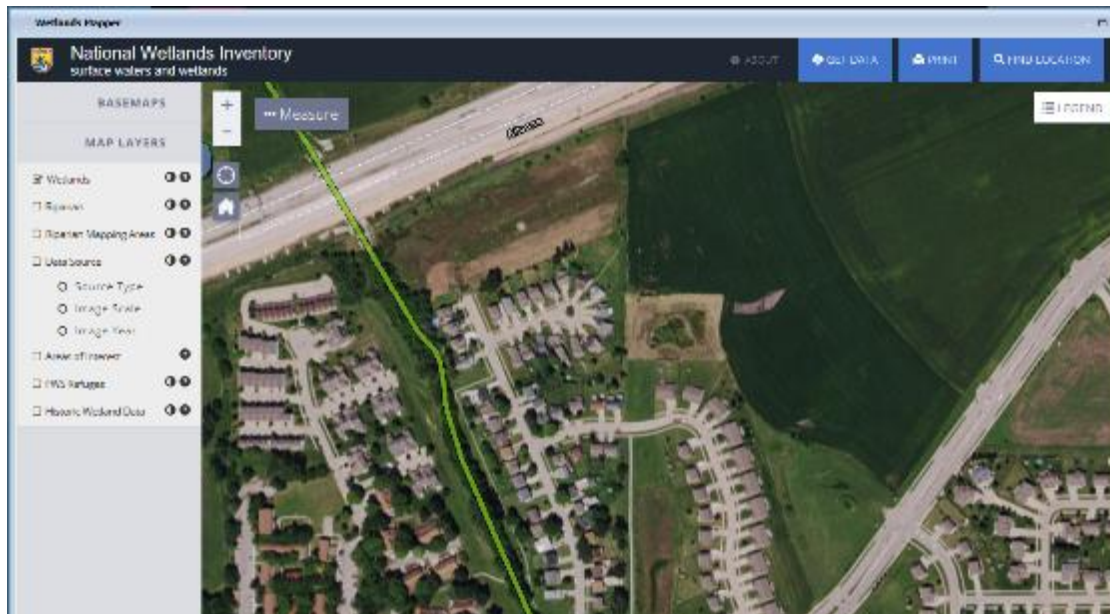
Dredging or Filling wetlands (“Waters of the US”) requires a Section 404 permit from the Army Corps of Engineers

24 CFR Part 55 implements E.O. 11990 – Requires “8-Step” decision making process at §55.20

24 CFR Part 55 - Highlights

Determine if a wetland is present

- » National Wetlands Inventory (NWI) Mapper:
<http://www.fws.gov/wetlands/data/Mapper.html>
- » Verify if any wetlands in **proximity** to project



Wetland Management – “8 Step Process”

If project is in a Wetland, start the 8-step process:

- **Step 1.** Determine whether the proposed action is located in a wetland
- **Step 2.** Publish “Early Public Notice” of the proposal to consider an action in the wetland (15 day minimum comment period)
- **Step 3.** Evaluate practicable alternatives to locating the proposed action in a wetland
- **Step 4.** Identify the potential impacts associated with occupancy and modification of the wetland
- **Step 5.** Design or modify the action to minimize adverse impacts and preserve the beneficial values of the wetland

Wetland Management – “8 Step Process”

- **Step 6.** Reevaluate whether proposed action is practicable
 - **Step 7.** Publish “Final Public Notice” of decision to identify why there is “no practicable alternative,” and the alternatives and mitigation measures adopted (7 day minimum comment period)
 - **Step 8.** Implement proposed action with mitigation measures
-
- ❖ 8-Step process shall be **concluded** prior to completion of the NEPA environmental review (§55.10)
 - ❖ However, may publish “Final Public Notice” (Step 7) concurrent with FONSI and/or NOI-RROF notices

How do I show I have considered this.....

In the Statutory Checklist:

13. Wetland Protection [24 CFR 55, Executive Order 11990]	<input type="checkbox"/>	<input type="checkbox"/>	Project is NOT located within, or has impact upon, a wetland. Map found in appendix and here: http://www.fws.gov/wetlands/data/Mapper.html
14. Wild and Scenic Rivers	<input type="checkbox"/>	<input type="checkbox"/>	Project is NOT located within one (1) mile of a designated Wild & Scenic River or

Two steps needed to show compliance documentation:

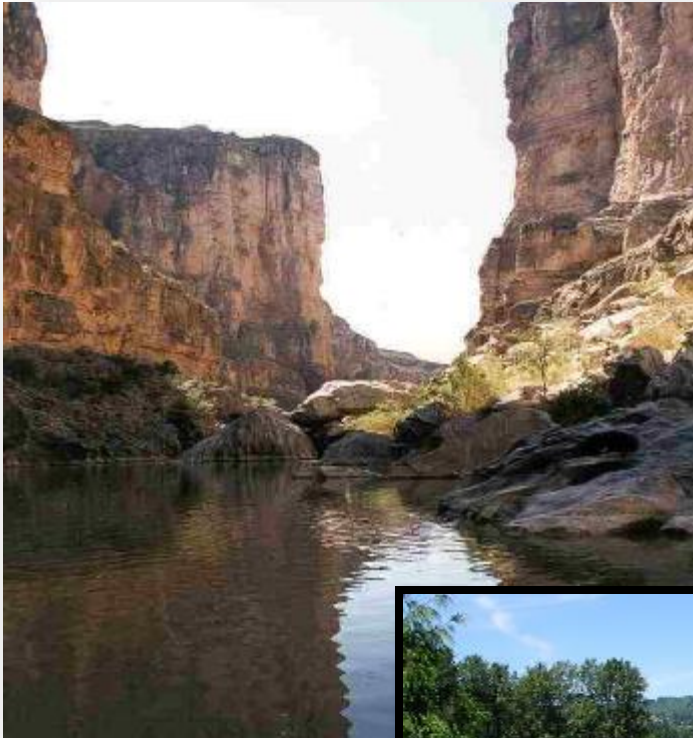
1. Description in the checklist

- ***Make a statement: is or is not in a wetland***
- ***Give details: web address of wetland mapper***

2. Supporting documentation in Appendix

- ***National Wetlands Inventory Map***
- ***8 step process***
- ***publications***

Wild & Scenic Rivers



River Classifications

By 1960s, national trends identified some rivers in crisis...

To balance the physical alteration of waterways, Congress passed the **Wild and Scenic Rivers Act of 1968**

Three types of classifications:

- **Wild**
- **Scenic**
- **Recreational**



Three types of rivers are protected:

- **Designated Rivers** – protected under Section 7(a) – 0 in Iowa
- **Study Rivers** – protected under Section 7(a)– 1 in Iowa
- **Potential Rivers** - protection under Section 5 (d) – 5 in Iowa

Environmental Review Requirements

NEPA protocol to protect NWSR...

☐ Determine if proposed **action** could affect NWSR: Expansion, demolition, or new construction of buildings or facilities

☐ Identify if project is in proximity to NWSR

<http://www.nps.gov/ncrc/programs/rtca/nri/states/ia.html>

☐ Appropriate “triggers”

- Project **1 mile back** from a NWSR
- Project **10-20 miles upstream or 10 miles downstream** from a NWSR
- Project located on **tributary** in proximity to NWSR

How do I show I have considered this.....

In the Statutory Checklist:

14. Wild and Scenic Rivers [36 CFR 297]	<input type="checkbox"/>	<input type="checkbox"/>	Project is NOT located within one (1) mile of a designated Wild & Scenic River, or river being studied as a potential component of the Wild & Scenic River system. Iowa does not have any designated rivers, but does have 1 study river (1972: upper Iowa: 80 miles. Preservation by state recommended) and 7 potential rivers listed in the NRI (Sections of the Boone River, Cedar River, Maquoketa, Middle Raccoon River, Turkey River, Upper Iowa River, Wapsipinicon, Yellow River). http://www.nps.gov/ncrc/programs/rtca/nri/states/ia.html
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Two steps needed to show compliance documentation:

1. Description in the checklist

- **Make a statement: Project is or is not within one mile of a designated river**
- **If it is, will it have an affect**

2. Supporting documentation in Appendix

- **List of rivers in Iowa from Website**
- **Consultation with NPS (if necessary)**

Section 106



National Historic Preservation Act, 1966

- » State Historic Preservation Offices
- » Tribal Historic Preservation Offices
- » Advisory Council on Historic Preservation
- » National Register of Historic Places
- » National Historic Landmarks
- » Certification of Local Governments
- » Section 106 of the National Historic Preservation Act and Title 36 CFR Part 800

“The head of any Federal agency having direct or indirect jurisdiction over a proposed Federal or federally assisted undertaking in any State and the head of any Federal department or independent agency having authority to license any undertaking shall, **prior to the approval of the expenditure of any Federal funds on the undertaking or prior to the issuance of any license, as the case may be, take into account the effect of the undertaking on any district, site, building, structure, or object that is included in or eligible for inclusion in the National Register.**”

Section 106 Process

» Four Point Approach

- » 1. Initiate Section 106 Review Process
 - Identify projects that have the potential to affect cultural resources
- » 2. Identification and Evaluation of Historic Properties
 - Identify the Area of Potential Effects (APE) including sites within, adjacent to and directly or indirectly related to the undertaking which may be affected by the project
 - Evaluate resources within the APE that are listed on or eligible for listing on the National Register of Historic Places (NRHP)
- » 3. Assessing Effects
 - Consult with the State Historic Preservation Office (SHPO), interested and consulting parties and the public
- » 4. Resolve Adverse Effects
 - Memorandum of Agreement, which outlines agreed upon measures that IEDA will take to avoid, minimize or mitigate the adverse effect resulting from the undertaking

» 1. Initiate Section 106 Review Process

- » Is this the type of project that has the potential to affect cultural resources?
 - Construction activities on a building more than 50 years old, activities that include ground disturbance, activities within the visual view shed of buildings, sites, districts or objects that are more than 50 years old, etc. – YES
 - Planning activities with no construction components – NO
 - Activities outlined as Categorically Excluded **not** Subject to 58.5 – NO
- » Using a Programmatic Agreement (PA) that is in place between the RE or IEDA and the SHPO to expedite or streamline the Section 106 Process?
 - Your project may fall under an “Allowance” or “Exempt Activity” meaning you don’t have to consult with the SHPO on a project that without a PA in place you would otherwise have to. **Please note that PA’s must be current, up to date and can not be used by any other agency than that specified in the agreement.**

Section 106 Process

- » PA and PMOU
 - » Programmatic Memorandum of Understanding (PMOU)
 - » **No longer in Use**
- » Programmatic Agreement (PA)
 - » Executed August 23, 2016
 - » Valid for all Current and Future CDBG funded projects administered by IEDA except 2008 Disaster Awarded Projects which will continue to comply with the 2008 Disaster PA.

Section 106 Process

PROGRAMMATIC AGREEMENT AMONG THE IOWA ECONOMIC DEVELOPMENT AUTHORITY, THE IOWA STATE HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION REGARDING RESPONSIBILITIES DELEGATED UNDER 24 CFR § 58

WHEREAS, the U.S. Department of Housing and Urban Development (hereinafter, HUD) allocates funds to the Iowa Economic Development Authority (hereinafter, IEDA) through various programs including the annual Community Development Block Grant Program (hereinafter, CDBG), authorized by Title I of the Housing and Community Development Act of 1974, in accordance with Section 104(g) (42 U.S.C. 5304(g)) and the allocation of future CDBG Disaster funds, should such funding be made available to the State of Iowa; and,

WHEREAS Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §300) under (here

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PROGRAMMATIC AGREEMENT AMONG THE IOWA ECONOMIC DEVELOPMENT AUTHORITY, THE IOWA STATE HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION REGARDING RESPONSIBILITIES DELEGATED UNDER 24 CFR § 58

WHEREAS, the IEDA, the SHPO, and the ACHP has determined that certain CDBG actions have the potential to cause effects to historic properties while others do not; and,

WHEREAS, given the breadth and number of Iowa's non-entitlement community funding recipients and the need for timely and efficient delivery of governmental assistance, the IEDA, SHPO, and ACHP have agreed that the Section 106 process for undertakings where the RE must assume HUD environmental review responsibilities pursuant to 24 CFR § 58.4, and where IEDA administers the CDBG program, may be addressed programmatically in order to effectively and expeditiously meet regulatory obligations as an alternative to standard Section 106 procedures, as allowed by 36 CFR § 800.14; and,

WHEREAS, the RE, in the interest of streamlining, will enter into lead federal agency agreements pursuant to 36 CFR § 800.2(a)(2) and 24 CFR § 58.7 when any other federal agency shares a role in an undertaking and such agreements are applicable and mutually advantageous and of net benefit to

SIGNATORIES

Iowa Economic Development Authority

By: [Signature] Date: 8-1-16
Tim Waddell, Division Administrator

State Historic Preservation Officer

By: [Signature] Date: 01 AUG 2016
Steve King, Deputy State Historic Preservation Officer

Advisory Council on Historic Preservation

[Signature] 01-1-

Preservation Iowa

By: [Signature] Date: 7/27/16
Caleb Giesel, Executive Director

Section 106 Process

» PA – Excluded Form

Appendix B (continued)

Programmatically Excluded Activities

Excluded from Review, Project Determination Form

After referencing Appendix B of the Programmatic Agreement (PA) to verify that the project activity does not need further review, use this form to document compliance with the Section 106 of the NHPA. This form will be submitted to IEDA either with your Request for Release of Funds (RROF) or individually per building as applicable.

As an example, here are the steps you would take:

- Start Environmental Review
- See if the project is exempt from further review by referencing Appendix B of the PA.
- If the project activity meets either the Qualifying Criteria or the Specific Excluded Activities, fill out this form and include it in your environmental review record or upload it to iowagrants.gov as applicable.
- Use the "When to Consult with Tribes Under Section 106" included in the PA to determine if Tribal consultation is required. If so, mail letters to tribes; you must still do this even if your project activity meets and exemption under this PA.
- Complete the rest of the Environmental Review
- Publish Notice
- Submit the Request for Release of Funds: attach a copy of the notice and the *Exempt from Review, Project Determination Form*.

NOTE: You must still solicit comment about the project from the Native American Tribes even if your project activity is exempt from further review.

Recipient Name: _____ Contract Number: _____
Recipient Address: _____

For information on this request, contact:
Contact Name: _____ Contact Phone Number: _____

Project Description (provide a brief description of the actual scope of work not just "housing rehab")

Project Address (Street, City, Zip): _____ **Project County:** _____

Reason Project Activity is Excluded from Review (use Appendix B of the PA):

Section 1, 2 or 3:
Qualifying Criteria a. or b.:
OR
Specific Excluded Activity (include which specific activity):
Notes:
(include date of construction)

Pictures: Take a before picture of the primary façade of any buildings directly impacted by project activities. Attach them to this form.

Applicant Certification:

As the duly designated certifying official of the recipient, I also certify that: I am authorized to and do consent to assume the status of responsible federal official under the National Environmental Policy Act of 1969 and each provision of law designated in the 24 CFR 58.

Signature of the Certifying Officer of Applicant, _____ Date _____

Print Name and Title of Certifying Officer of Applicant

Try to provide more information than just "Rehab" – state something like "replace wood double hung windows with vinyl windows, install new vinyl siding, replace asphalt roof with metal roof, replace furnace, etc..."

Be sure that the property address that you put on the Exempt form matches the address you will use on a draw. Don't put Lot #8 on this form, and then 101 Stream Lane on the Draw. IEDA needs to be able to match these documents.

Site the actual section of PA that makes the property exempt.

If less than 50 years old state, "PA Appendix B Section 3. a. – less than 50. Building built in 1976."

If area has been previously surveyed for archaeology state, "PA Section 2.a., APE previously surveyed in 2013 and SHPO concurred with No Historic Properties Affected.

Include a date with signature, so we can record when the evaluation occurred

Section 106 Process

» 2. Identification and Evaluation of Historic Properties

» What is a Historic Property?

- Resources that are listed on or eligible for listing on the National Register of Historic Places (NRHP) including:
 - Buildings, Districts, Structures, Objects, Sites (including archaeological sites)

» How do we identify historic properties?

- Check the National Register of Historic Places Database:
<https://npgallery.nps.gov/nrhp>
- Check the State of Iowa Inventory by contacting the inventory coordinator Berry Bennett at 515.281.8742 or berry.bennett@iowa.gov
- Check with IEDA! IEDA is currently in the processes of working with SHPO to take the inventory and put it on-line for recipients to check City inventory lists without contacting the SHPO.

» Identification and Evaluation of Historic Properties



NPGallery Digital Asset Search

Resource Name

☒ Any Words ☐ All Words ☐ Phrase

State County

State City

Reference Number

NPS Park Name

Record Category

EXPERIENCE YOUR AMERICA™

[FREQUENTLY ASKED QUESTIONS](#) [WEB SITE POLICIES](#) [CONTACT US](#) [USA.GOV](#)

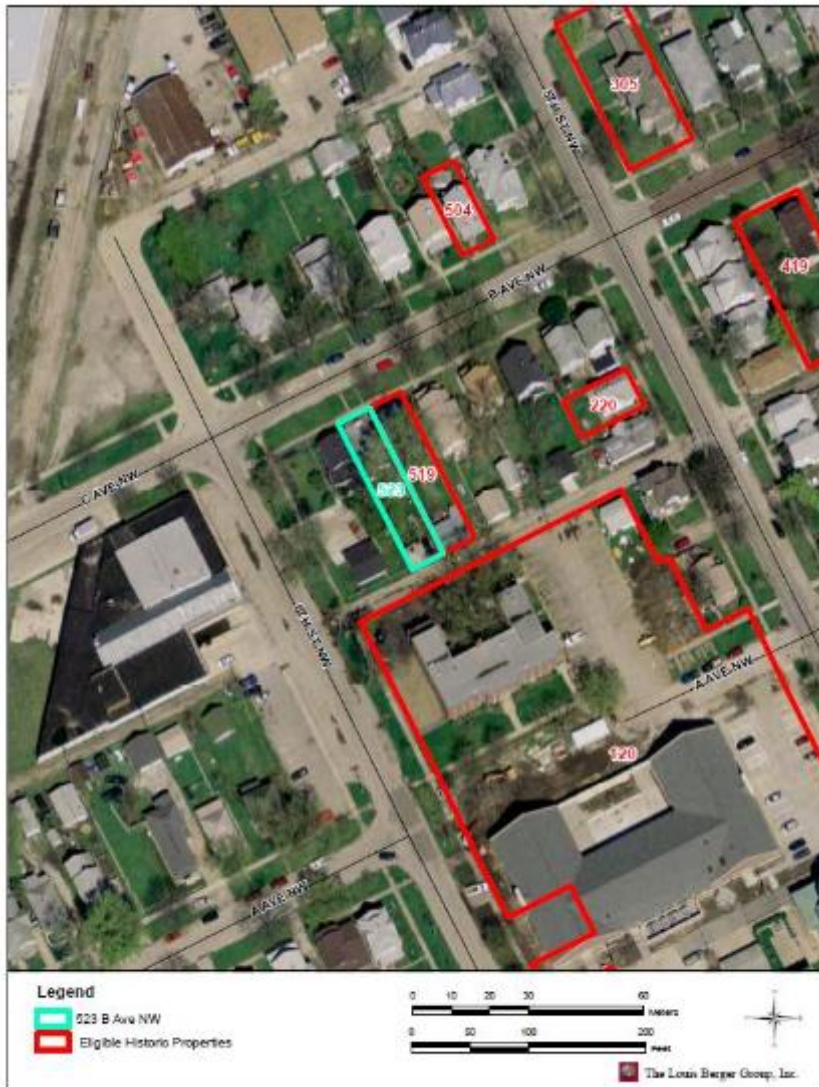


National Park Service
U.S. Department of the Interior



Section 106 Process

» 2. Identification and Evaluation of Historic Properties



- » Area of Potential Effects (APE) – consider all properties in the APE as you move forward with Identification and Evaluation.
- » Look Left and Right of your Project Location.
- » Consider your project within the context of the neighborhood, commercial core, campus, plant, etc.

Section 106 Process

» 2. Identification and Evaluation of Historic Properties

- » Don't limit your APE to only the resource receiving federal funds.
- » Affects can be:



- » Direct – Physical Changes
- » Indirect – View Shed, Setting, etc.
- » Immediate – occur at the time of the undertaking
- » Further Removed in Time – result of the undertaking that takes weeks, months or years to occur.

- » So think About possible Affects as you define your APE.

Section 106 Process

- » How do we evaluate previously unevaluated historic properties?
 - Apply the National Register Criteria for Evaluation to determine if the resource is eligible for listing in the NRHP – note evaluation is not always limited to the exterior
 - **Age** – is the resource over 50 years old or of exceptional significance?
 - **Criterion A** – is the resource associated with an event that made a significant contribution to our history?
 - **Criterion B** – is the resource associated with the lives of significant persons?
 - **Criterion C** – does the resource embody the distinctive characteristics of a significant type, period, style, or method of construction/architecture?
 - **Criterion D** – does the resource yield or is likely to yield important information about our nation's history or pre-historic times? (Archaeology)
 - Complete an Iowa Site Inventory Form to document your evaluation for each resource in the APE

Section 106 Process

» How do we evaluate previously unevaluated historic properties?

- Provide existing condition photographs.
- Describe in detail any changes or alterations made to the building over time.
- Document any damage or deterioration that has occurred or is visible.
- Include a good map of the property location.
- Include any historic images or maps to help document the age of the structure and the integrity of the building.



» Period of Significance

- If a property is NRHP eligible you document the era (date range) for when it achieved significance.
- Typically for properties eligible for architecture/workmanship the Period of Significance is the date of construction
- Typically for properties eligible for association with a significant person the Period of Significance is the date the significant person used the property.
- Typically for properties eligible for association with a significant event the Period of Significance is the time of the event. This can be a single event like a speech, rally, convention, tragic event, accident, etc. usually 1-3 days, or it can be a longer period such as the development and growth of a commercial corridor maybe 20-50 years.

Evaluation

» Integrity

- Does the building retain sufficient integrity to be eligible for the National Register?
- Seven Aspects of Integrity:
 - Location
 - Design
 - Setting
 - Materials
 - Workmanship
 - Feeling
 - Association
- Basically – would someone from the period of significance recognize the property today?

Evaluation

» Does the property retain integrity?

- Overlay or replacement siding material (vinyl siding, metal siding, slip cover, etc.)
- Replacement of windows and/or doors
- Non-sympathetic replacement roof – single seam metal roof on residential
- Significant addition – enclosed porch, removal of porch, large front addition

Generally – if you have three or more strikes, the property likely does not retain sufficient integrity for listing on the National Register. Document these changes in the Iowa Site Inventory Form.

» Things that do not likely change the integrity of a property:

- Painting a different color (unless painting previously un-painted surface such as brick)
- Storm windows that can be removed without damaging the original window
- Deterioration or deferred maintenance (chipped peeling paint, old roof, cracked window glass)

Remember – Evaluation is
needed for All Resources in your
APE – *Buildings, Districts,
Objects, Structures and
Sites*

Section 106 Process

» 2. Identification and Evaluation of Historic Properties



Section 106 Process

» 2. Identification and Evaluation of Historic Properties

District Evaluation

- Not just limited to DTR – applies to all types of projects
- May Require windshield survey (exterior of properties) of surrounding properties with either streetscape images or thumbnail photographs of surrounding buildings.
- Look at historic maps (Sanborn maps, historic aerials, etc.)
- Try to find historic photographs to show if the area retains sufficient integrity
- Includes a map of the area evaluated
- Includes a table of addresses with date of construction, property type, and NRHP eligibility (C/NC)
- Includes a narrative statement of the survey methodology and determination.

Section 106 Process

» 2. Identification and Evaluation of Historic Properties



Section 106 Process

» 2. Identification and Evaluation of Historic Properties

District Evaluation – when do I need to consider this?

- When the structure you are using federal funds on is located an area of similarly constructed resources:
 - Built at the same time
 - Similar Design
 - Same Plat Development
 - Commercial Corridor
 - Connected use (industrial plant, campus, etc.)
- When the structure you are using federal funds on is located an area of connected context to it's surroundings.

Levels of Survey

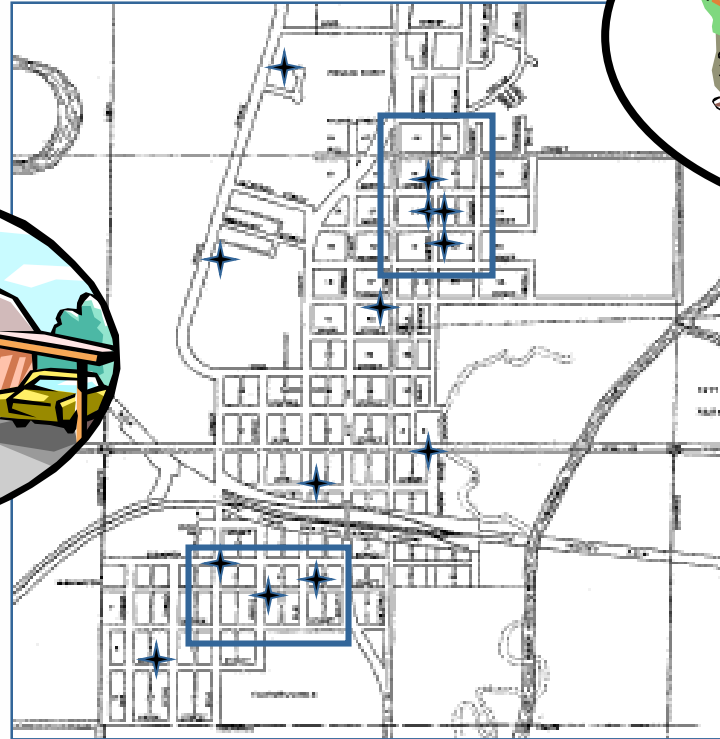
» Reconnaissance (“Windshield”)

- Location & Photograph
- Functions & Materials
- Date(s) of Construction

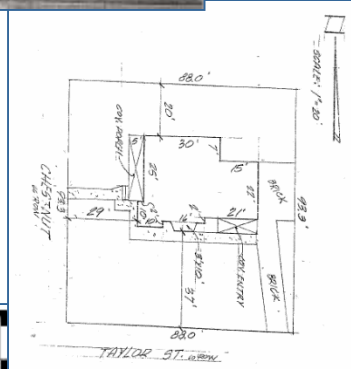
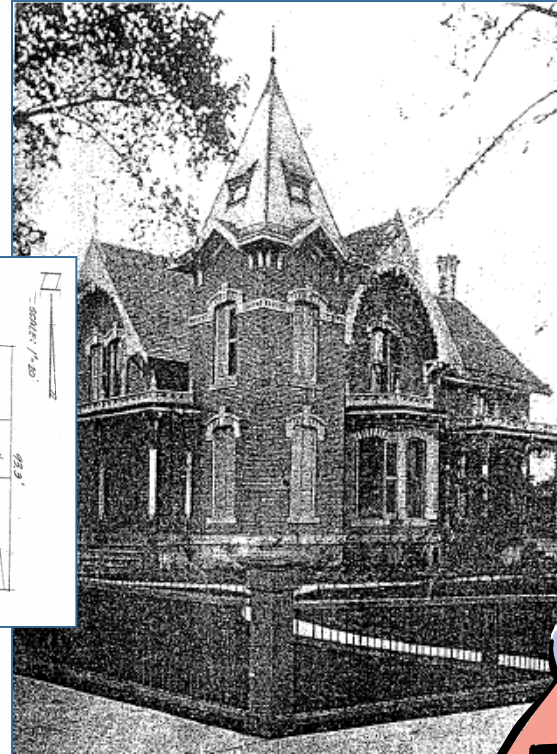
» Intensive (all of the above, plus:)

- Description
- History
- Significance
- Integrity
- Individual Iowa Site Inventory Forms for Eligible Properties in Survey Area

Reconnaissance



Intensive



» Completing an Iowa Site Inventory Form

<https://iowaculture.gov/history/preservation/historic-site-archaeological-inventory>

<http://www.iowaeconomicdevelopment.com/Community/CDBG>

Section 106 Process

» Completing an Iowa Site Inventory Form

Iowa Site Inventory Form State Historic Preservation Office (July 2014)

State Inventory Number: ☒ New ☒ Supplemental
9-Digit SHPO Review & Compliance (R&C) Number:
☐ Non-Existent Year:

Read the Iowa Site Inventory Form Instructions carefully to ensure accuracy and completeness before completing this form. The instructions are available on our website: <http://www.iowahistory.org/history/preservation/statewide-inventory-and-collections/iowa-site-inventory-form.html>

• Property Name

A) Historic name

B) Other names:

• Location

A) Street address:

B) City or town:

☐ Vicinity

County:

C) Legal description:

Rural: Township No.: Range No.: Section: Quarter: of Quarter:
Urban: Subdivision: Block(s): Lot(s):

• Classification

A) Property category: Check only one

- ☐ Building(s)
☐ District
☐ Site
☐ Structure
☐ Object

B) Number of resources (within property):

If existing resource, enter number of		If non-existant property, enter number of	
Contributing	Noncontributing	Contributing	Noncontributing
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Buildings		Buildings
	Sites		Sites
	Structures		Structures
	Objects		Objects
	Total		Total

C) For properties listed in the National Register:

National Register status: ☐ Listed ☐ De-listed ☐ NHL ☐ NPS DOE

D) For properties within a historic district:

- ☐ Property contributes to a National Register or local certified historic district
☐ Property contributes to a potential historic district, based on professional historic/architectural survey and evaluation
☐ Property does not contribute to the historic district in which it is located.

Historic district name:

Historic district site inventory number:

E) Name of related project report or multiple property study, if applicable:

MPD title:

Historical Architectural Data Base #:

• Function or Use Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions

A) Historic functions

B) Current functions

Description Enter categories (codes and terms) from the Iowa Site Inventory Form Instructions

A) Architectural classification

B) Materials

Foundation (visible exterior):

Walls (visible exterior):

C) Narrative description ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

Site Number: Address: City: County: District Number:

• Statement of Significance

A) Applicable National Register Criteria: Mark your opinion of eligibility after applying relevant National Register criteria

- Criterion A: Property is associated with significant events.
Criterion B: Property is associated with the lives of significant persons.
Criterion C: Property has distinctive architectural characteristics.
Criterion D: Property yields significant information in archaeology/history.

- Yes ☐ No ☐ More research recommended ☐
Yes ☐ No ☐ More research recommended ☐
Yes ☐ No ☐ More research recommended ☐
Yes ☐ No ☐ More research recommended ☐

- B) Special criteria considerations: Mark any special considerations, leave blank if none

- A: Owned by a religious institution or used for religious purposes.
B: Removed from its original location.
C: A birthplace or grave.
D: A cemetery.

- E: A reconstructed building, object, or structure.
F: A commemorative property.
G: Property less than 50 years of age or achieved significance within the past 50 years.

- C) Areas of significance Enter categories from Instructions

-

- D) Period(s) of significance

-

- E) Significant dates

- Construction date: Check if circa or estimated date: ☐

- Renovations:

- F) Significant person

- Complete if Criterion B is marked above

-

- G) Cultural affiliation

- Complete if Criterion D is marked above

-

- H) Architect/Builder

- Architect:

- Builder/contractor:

- I) Narrative statement of significance ☒ SEE CONTINUATION SHEETS, WHICH MUST BE COMPLETED

- Bibliography ☒ See continuation sheets for the list research sources used in preparing this form

- Geographic Data Optional UTM references ☐ See continuation sheet for additional UTM or comments

- 2016 Easting: Northing: UTM:

- 2016 Easting: Northing: UTM:

- Form Preparation

- Name and Title: Date:

- Organization: E-mail:

- Street address: Telephone:

- City or Town: State: Zip code:

- ADDITIONAL DOCUMENTATION Submit the following items with the completed form

- A) For all properties, attach the following, as specified in the Iowa Site Inventory Form Instructions:

1. Map of property's location within the community.

2. Glossy color 4x6 photos labeled on back with property/building name, address, date taken, view shown, and unique photo number.

3. Photo key showing each photo number on a map and/or floor plan, using arrows next to each photo number to indicate the location and directional view of each photograph.

4. Site plan of buildings/structures on site, identifying boundaries, public roads, and building/structure footprints.

- B) For State Historic Tax Credit Part 1 Applications, historic districts and farmsteads, and barns:

- See lists of special requirements and attachments in the Iowa Site Inventory Form Instructions.

- State Historic Preservation Office (SHPO) Use Only Below This Line

- The SHPO has reviewed the Site Inventory and concurs with above survey opinion on National Register eligibility:

- Yes ☐ No ☐ More research recommended ☐

- This is a locally designated property or part of a locally designated district.

- Comments:

- SHPO authorized signature: Date:

Section 106 Process

» Completing an Iowa Site Inventory Form

Iowa Department of Cultural Affairs
State Historical Society of Iowa
Iowa Site Inventory Form
Continuation Sheet

Site Number
Related District Number

Page 1

Name of Property

County

Address

City

C. Narrative Description

Include a narrative description of the property describing the size and form of the resource, how many stories it is, what the exterior materials are, what the roof form is, distinct details or characterizes and visible changes or alterations made to the building. If the resource is located within a neighborhood or collection of similar resources, briefly describe the setting as well.

I. Statement of Significance

Describe why the property is or is not eligible for listing in the National Register of Historic Places. Make sure this section matches the boxes you filled out on page 1 of the form and explains your “yes” or “no” determination for each of the NRHP criteria. Talk about any integrity issues and make your definitive statement about NRHP eligibility.

Continuation Pages can also be used for:

- Current Photographs
- Historic Images
- Maps
- Floor Plans
- Renderings
- Drawings
- Archival materials such as newspaper articles, pamphlets, brochures, etc.

Section 106 Process

» Completing an Iowa Site Inventory Form

Iowa Department of Cultural Affairs
State Historical Society of Iowa
Iowa Site Inventory Form
Continuation Sheet

Site Number
Related District Number

Page 2

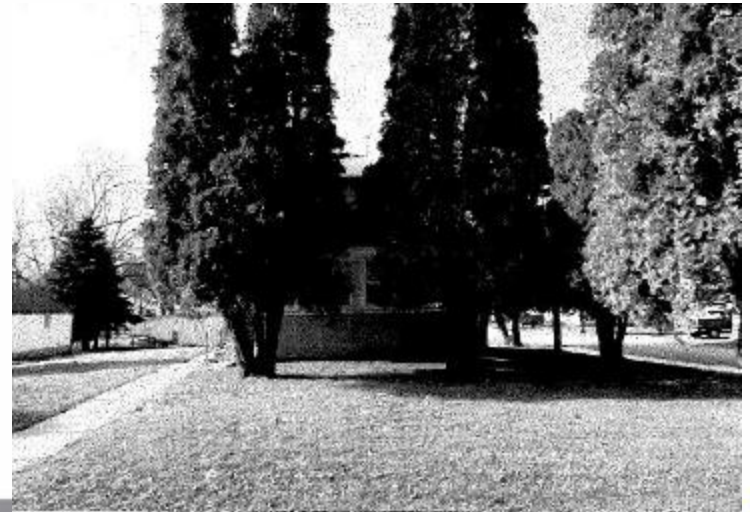
Name of Property	Scott
1310 Eastern Avenue	County
Address	Davenport
	City



Front of 1310 Eastern, facing west

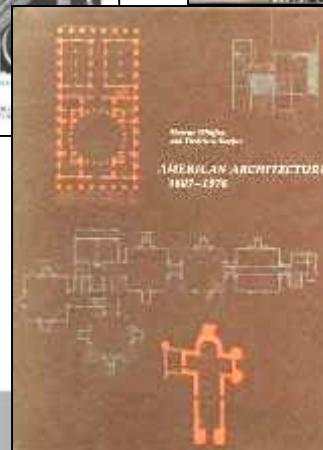
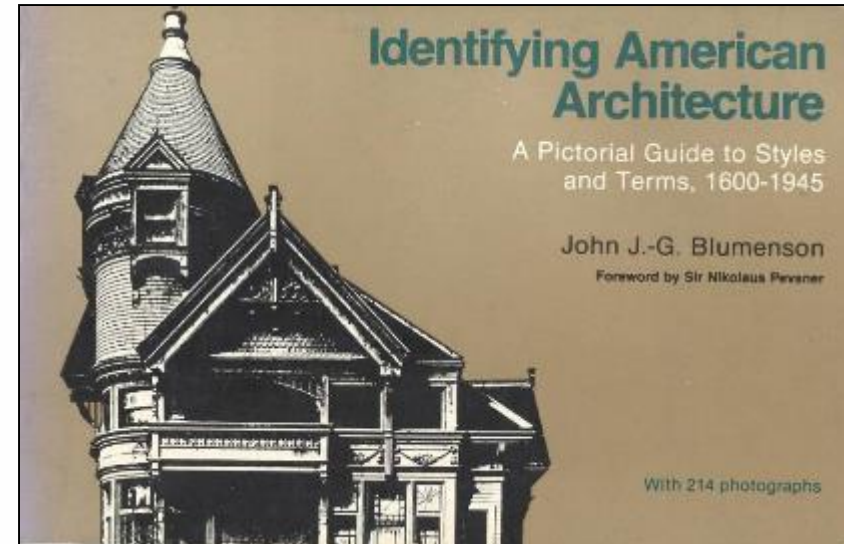
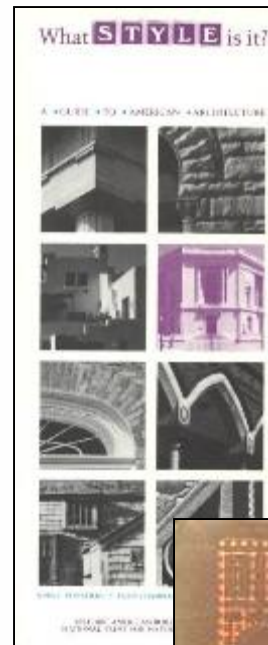
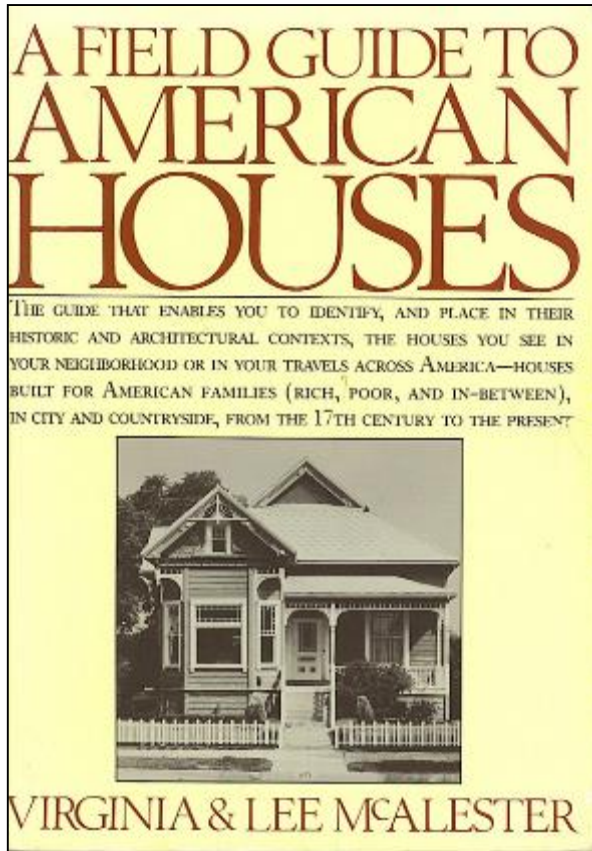
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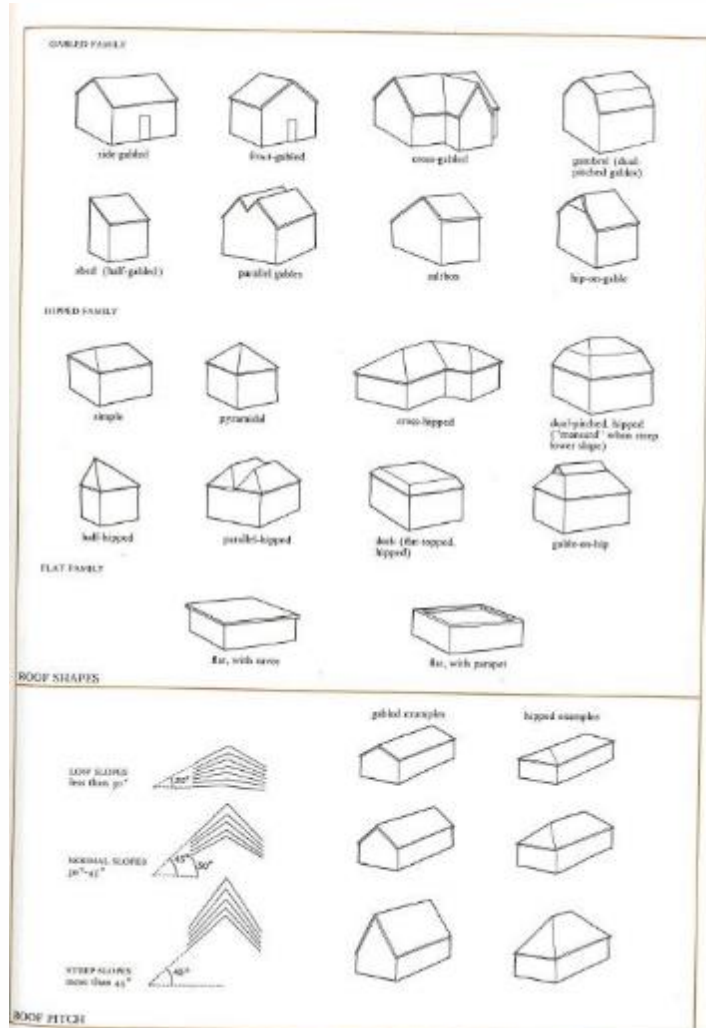
Section 106 Process

» Tools for Completing an Iowa Site Inventory Form



Section 106 Process

» Tools for Completing an Iowa Site Inventory Form



Roof-wall junction		TRY THESE FIRST	
right eave overhang with wide band of trim below		Greek Revival	
wide eave overhang, board without brackets		Prairie	
wide eave overhang, board with brackets		Salisbury, Italian Renaissance, Prairie, occasionally Mission	
wide eave overhang, open, no board		Craftsman, Mission	
Dormers		TRY THESE FIRST	
hipped		Prairie, French Eclectic, Shingle	
gabled		Craftsman, Colonial Revival, Adam, Georgian Shingle, Queen Anne, Stick, Gothic Revival, Tudor, Chauxesque, French Eclectic	
shed		Dutch Colonial, Craftsman, Colonial Revival	
arched top		French Eclectic, Second Empire, Beaux Arts	
round or oval		French Eclectic, Beaux Arts	
polynomial		Colonial Revival, Georgian, Adam	
wall dormers		Gothic Revival, Chauxesque, Richardsonian Romanesque, Mission	
apothecary		Shingle, Richardsonian Romanesque	

Other roof elaborations		TRY THESE FIRST	
steep, square		Italianate, Stick, Second Empire, occasionally Queen Anne, Mission, Italian Renaissance	
twins, round		Queen Anne, Richardsonian Romanesque, Chauxesque, Shingle, French Eclectic, occasionally Spanish Eclectic	
roof-top cupola		Italianate, Georgian, Second Empire, Greek Revival	
decorated verge boards		Tudor, Gothic Revival, Queen Anne	
trusses or gables		Craftsman, Stick, Gothic Revival, Queen Anne, Tudor	
fake beams or gable end		Craftsman, Prairie	
flared eaves		French Eclectic, French Colonial, Prairie, Stick, Dutch Colonial, Colonial	
multi-level eaves		Tudor, Shingle, French Eclectic, where occasionally	
tile roof		Spanish Eclectic, Mission, Italian Renaissance, Prairie	
exposed rafter, usually red		Tudor, occasionally Neoclassical, Colonial Revival, Italian Renaissance	
repeated rafters		Craftsman, Stick, Mission, occasionally Prairie or Gothic Revival	

Other roof elaborations		TRY THIS FIRST	
pyramidal		Chauxesque, Richardsonian Romanesque	
curtainless		Gothic Revival, Tudor	
roof top or roof line tabernacle		Neoclassical, Colonial Revival, Adam, Georgian, Beaux Arts, Early Colonial Revival, Italian Renaissance	
metal roof covering		Queen Anne, Chauxesque	
Arched doors, windows, porches		TRY THIS FIRST	
segmental		Georgian, Adam, Colonial Revival, Italianate	
round		Italian Renaissance, Italianate, Richardsonian Romanesque, Spanish Eclectic, less common as Adam, Colonial Revival, Beaux Arts, Mission, Tudor	
ogival		Richardsonian Romanesque, Shingle	
pointed (Gothic)		Gothic Revival	
Tudor (barrelled Gothic)		Tudor, Gothic Revival	
larchiform (cathedral)		Chauxesque, Beaux Arts, Italianate	
ogee		Early Revival, Chauxesque	

Doors		IF YOU SEE	
transoms		transoms	
round (single or elliptical) double doors with sidelights		round double doors with sidelights	
rectangular transoms and side lights		rectangular transoms and side lights	
side-to-side panel door		side-to-side panel door	
transoms above door		transoms above door	

Windows		IF YOU SEE	
plaster to sides of door (may have pediment)		plaster to sides of door (may have pediment)	
pediment		pediment	
broken pediment		broken pediment	
transoms		transoms	

Section 106 Process

» Tools for Completing an Iowa Site Inventory Form

Tips for Photographing Houses

- Get at least one image that is the full front of the house



Section 106 Process

» Tools for Completing an Iowa Site Inventory Form

Tips for Photographing Houses

- Get at least one image that is the full front of the house
- Try to photograph in the late fall, winter or early spring before leaves and blossoms block the view. Consider taking one photograph of any house that might participate prior to award, or the first winter after award.



Section 106 Process

» Tools for Completing an Iowa Site Inventory Form

Tips for Photographing Houses

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Section 106 Process

» Tools for Completing an Iowa Site Inventory Form

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- Try to locate/ask property owner for historic image of the house, before trees and bushes were so tall. This will help you convey what the house looks like, but also help tell the story of what changes have occurred over time.



a

2009-12-02



a20040106

2004-01-06



a19990515

1999-05-15

Section 106 Process

» Tools for Completing an Iowa Site Inventory Form

Tips for Photographing Houses

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- Consider the lighting and time of day – try to take pictures that don't result in glare or hot spots.



Section 106 Process

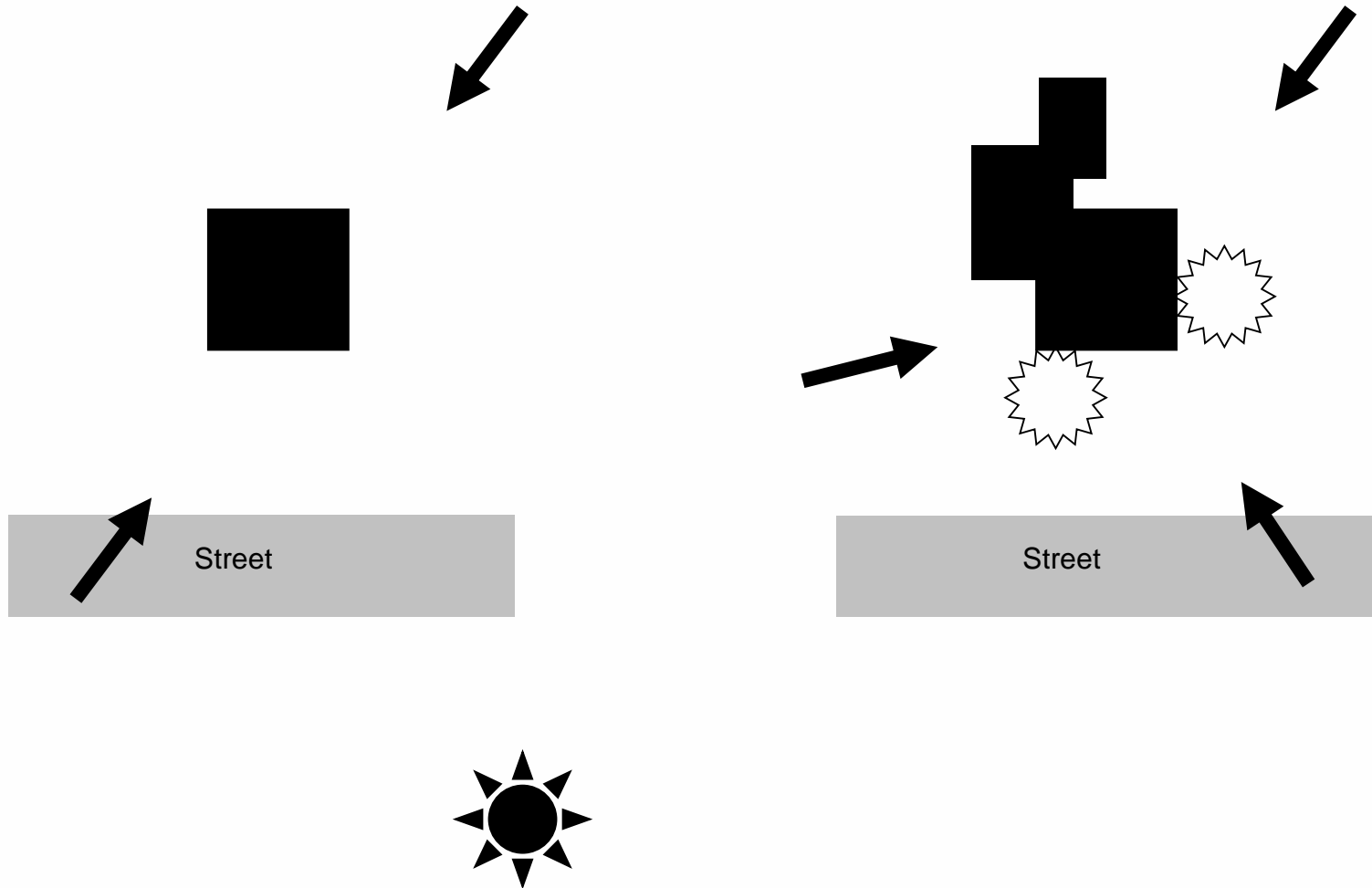
» Tools for Completing an Iowa Site Inventory Form

Tips for Photographing Houses

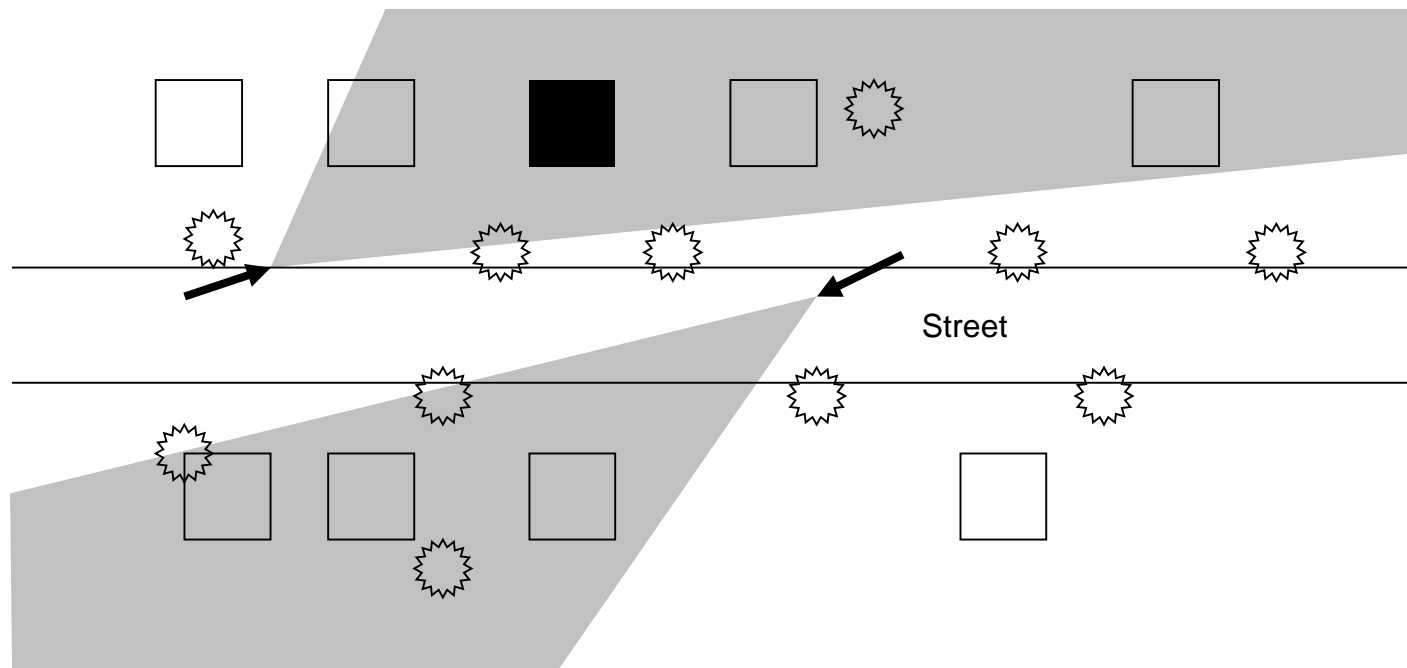
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- Consider the lighting and time of day – try to take pictures that don't result in glare or hot spots.
- Keep orientation consistent on each page.



Photographs



Photographs Street Scape



Photographs Streetscape



Photographs Streetscape



Young's Hill/Kingston Neighborhood Historical and Architectural Survey, Cedar Rapids Housing Services
Svendsen Tyler, Inc. – June 2008

Supplemental Information



1990s Historic Aerial Photo



2011 USDA National Agriculture Imagery Program



Sanborn Fire Insurance Map May 1932, Sheet 4



Hillshade maps - LiDAR



Web Soil Survey December 13, 2012 - Marshall city clay loam - loess-mantel terrace - very deep, well drained soils.

- » Google Maps
- » Historic Aerial Maps
- » General Land Office Survey Maps
- » Sanborn Fire Insurance Maps
- » Web Soil Survey
- » Topographic Maps
- » I Sites Public or OSA Site File Search

Supplemental Information



Supplemental Information

» <http://ortho.gis.iastate.edu/>

- Historic Aerial Maps
- General Land Office Survey Maps
- Topographic Maps
- Lidar

» <http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>

- Web Soil Survey

» <http://www.statelibraryofiova.org/services/online-resources/resources/sanborn-login>

- Sanborn Fire Insurance Maps

The screenshot shows two web pages. The top page is the Iowa Geographic Map Server, which features a navigation bar with links like Home, Map Search, Iowa Index Map, GIS Tools and Services, News, and Links. It also has a sidebar with download links and a main content area with a USDA logo and a 'Web Soil Survey' banner. The bottom page is the Iowa Library Services website, which includes a search bar, a login section for Digital Sanborn Maps, and a footer with links to HealthInfoIowa, Iowa Center for the Book, and Iowa Heritage Digital Collections.

Iowa Geographic Map Server - Iowa State University Geographic Information Systems Support & Research Facility

Home Map Search Iowa Index Map GIS Tools and Services News Links

Download
KML Data File
Web Soil Survey
Web Soil Survey

Click on the map to
- Pan
- Zoom In
- Zoom Out

Select an overlay map service:

You are here: Web Soil Survey Home

Home About Soils Help Contact Us

iowa.gov | Agencies Online Services

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You are here: Home → For Iowans → Online Resources → Databases - Online articles, newspapers, maps, etc → Login to Digital Sanborn Maps

Login to Digital Sanborn Maps

Digital Sanborn fire insurance maps are a very useful tool for local historians, demographers, city planners, genealogists, and anyone studying the history of an urban area. The maps were developed by the Sanborn Company in the latter part of the 19th century for the purpose of showing fire hazards for each building in a town. Maps cover over 360 Iowa towns from the 1870's to the 1920's.

Iowa Library Services Card Number

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Iowa Heritage Digital Collections - Iowa Publications Online
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Archaeological Figures

08-DRH-203

Construction of two New Homes

751 W Grant Street

Avoca, IA

Determination: There are no known archaeological sites within the Area of Potential Effects, the closest identified sites, located approximately .5 miles from the APE consist of historic scatter and did not include determinations of eligibility for listing in the National Register of Historic Places. An archaeological survey was conducted in 2010 for a Habitat for Humanity project just one block north-west of the APE, and no sites were identified during that investigation. The new construction is confined to two in-town lots, which have been previously disturbed by the construction and subsequent demolition of earlier structures as both lots contained residential structures as noted on the 1932 Sanborn Fire Insurance Map. Based on this desk-top review, no archaeological survey is required in advance of the undertaking and no archaeological monitoring is required during construction activities.



Google Earth, December 13, 2012



General Land Office Survey Map



Topographic Map

08-DRH-203 City of Avoca – New Construction 751 W Grant

Supplemental Information



1930s Historic Aerial Photo



1950s Historic Aerial Photo



1960s Historic Aerial Photo



1970s Historic Aerial Photo

Section 106 Process

- » Tips for a successful evaluation
 - » Begin to consider all potential properties within the APE as early in project planning as possible.
 - » Coordinate with those actually interacting with the properties (inspectors, property owners, etc.)
 - » Try to document the actual existing conditions. The person writing the ISIF should be familiar with the house, and not just using photographs someone else took to write up the form.
 - » If the property may be National Register eligible – gather additional information, such as interior photographs or history of ownership to help make final determinations.

Section 106 Process

- » RE Must Make National Register Determination
 - » For all properties either never previously evaluated or evaluated more than 5 years ago, the RE must make a determination of National Register eligibility (documented on ISIF).
 - » Use best available data to make determination.
 - » Base determination on current existing condition of property.
 - » If, based on initial review, this determination is not clear to the RE – seek professional assistance from a qualified consultant.

Section 106 Process

» 3. Assessing Effects

- » How will my project effect Cultural Resources:
 - » No Potential To Cause Effects – No Consultation Required
 - » No Historic Properties Effectuated – Consult
 - » No Adverse Effect to Historic Properties – Consult
 - » Adverse Effect to Historic Properties – Consult
- » RE must make this determination.

Section 106 Process

- » When should I consult interested parties?
 - » When you know the full scope of work for the project, including project plans, specifications, access areas, borrow sites, utilities, etc.
 - » After you've defined your Area of Potential Effects (APE)
 - » When you've completed your identification and evaluation of cultural resources within your APE
 - » When you've determined your effects assessment
 - » Approximately 3 months prior to an estimated construction start date, or earlier

Section 106 Process

- » Who are interested parties?
 - » IEDA HPS – In lieu of SHPO Per Programmatic Agreement
 - » Local Historic Preservation Commissions (HPC) City or County
 - » Historical Society
 - » Tribes with an interest in the area (PA list and HUD portal)
<https://egis.hud.gov/tdat/Query.aspx?state=iowa>
 - » Any other party identified as having an interest in the federal project.

Section 106 Process

» Preparing a comprehensive Section 106 Submittal

- » Cover letter from the RE (City or Grant Administrator) to interested party requesting review and comment on a CDBG funded undertaking or IowaGrants.gov form
- » Select a finding (No Historic Properties, No Adverse Effect, Adverse Effect)
- » Identification and Evaluation documents - Inventory Form for the individual building or district including current condition photographs and any available historic images. Even if the building or district is listed on the NRHP, current condition photographs are required with submittal. Or if new construction, archaeological figures to show previous use of the land and the potential for the site to contain archaeological resources.
- » Assessor's webpage for the property/parcel.
- » Architects renderings including as much detail is possible in order to convey that the proposed project meets SOI standards, or will not result in an Adverse Effect to any Historic Properties

Consultation

- » Consultation should be an open process, where both the RE and the interested parties can discuss options, make suggestions and ultimately agree on a finding.
- » The interested parties may be able to provide technical assistance or conditions related to a specific project, such as conformance with the Secretary of the Interior's Standards for the Treatment of Historic Properties or review of Archaeological Survey work.
- » Consultation with the IEDA HPS does not replace the potential need to consult with federally recognized Native American Tribes and Tribal Preservation Officers. Use the PA and HUD database for the consultation process and Federal Tribal contacts. Note consultation with the Tribe MUST be on City letterhead from the Chief Elected Official and not the grant administrator.
- » CDBG projects are often designed to avoid adverse effects, however when such effects can't be avoided, IEDA works with the RE, SHPO and other identified interested parties to resolve those effects.

Section 106 Process

» 4. Resolving Adverse Effects

- » Memorandum of Agreement outlines agreed upon measures that IEDA and the RE will take to avoid, minimize or mitigate the adverse effect resulting from the undertaking, developed in consultation with the SHPO, interested parties and the public.
 - » Consult with the SHPO on a finding of “Adverse Effects” (30 days)
 - » SHPO concurs with finding of “Adverse Effects”
 - » Notify the Advisory Council on Historic Preservation of the Adverse Effects and invite them to participate in resolution (15 days)
 - » Notify the public and interested parties of the Adverse Effect and solicit ideas for ways to avoid, minimize and mitigate the effects
 - » Through consultation with the SHPO and all identified interested parties select mitigation measures that are commensurate with the adverse effect
 - » Draft the MOA to outline those mitigation measures and the roles and responsibilities of who will implement them
 - » Distribute the draft MOA to all signatories and invited signatories for review and comment
 - » Once agreed upon, execute MOA
 - » Complete all stipulations of the MOA

Section 106 Process

» 4. Resolving Assessing Effects

- » Things to keep in mind when resolving adverse effects:
 - » Time frame to complete the mitigation measures as relates to the time frame of the Federal Funding Source
 - » The ability to pay for the Mitigation Measures – will it be covered by the Federal Funds or do you need to look for in-kind donations or other funds
 - » Identify projects that are most beneficial to Historic Preservation and the Public – stay away from private interests or isolated benefits
 - » Ensure that the mitigation measures are agreed upon by all parties, particularly the federal agency and the SHPO before including them in the MOA
 - » Make sure there are resources and administration available to implement the mitigation measures and the MOA clearly states who is responsible for each task

Section 106 Process

» 4. Resolving Assessing Effects

» Example Mitigation Measures:

» Resource Specific:

- » Recordation and Documentation – typically completed before an historic building is demolished or altered by the federally funded project
- » Booklet or other publication on the history and significance of the resource
- » Signage or interpretive kiosk at the location of the resource

» Alternate Mitigation:

- » Survey and National Register Nomination of other nearby resources
- » Historic Preservation Education and Technical Assistance Workshops
- » Comprehensive Preservation Plan
- » Bricks and Mortar repairs to other local historic properties
- » Digitization of archival documentation for public use



Break Time: 10 Minutes

Section 106 Process

» When to upload your documents

» EA

- » If other agency (SRF, USDA, FEMA, etc.) completed Section 106 compliance – simply add that documentation to your EA and ERR. No other form is required.

10. Historic Preservation [36 CFR 800]		This project is jointly funded with other federal funds. As such, the __ (other agency) __ consulted with the State historic preservation office on __ (date) __ with a finding of __ (Finding) __ and the State Historic Preservation Office concurred with their finding on __ (date) __. The __ (other agency) __ sent correspondence to tribes with an interest in the area on __ (date) __, and no comments were received back.
---	--	--

- » If no other federal agency is involved – complete a Section 106 Status Report form in iowagrants.gov for your project; Submit Form; Once “Approved” print copy of “Approval” and add to your EA and ERR.
- » **Categorically Excludes Subject to 58.5**
 - » Complete a Section 106/Tier II Status Report in iowagrants.gov
PER ADDRESS/PROJECT SITE

Section 106 Documentation

iowagrants.gov

Instructions

The grant forms appear below.

Associated Forms

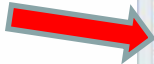
[Status Report](#) | [Site Visit](#) | [Contract Amendment](#)

Grant/Project Components

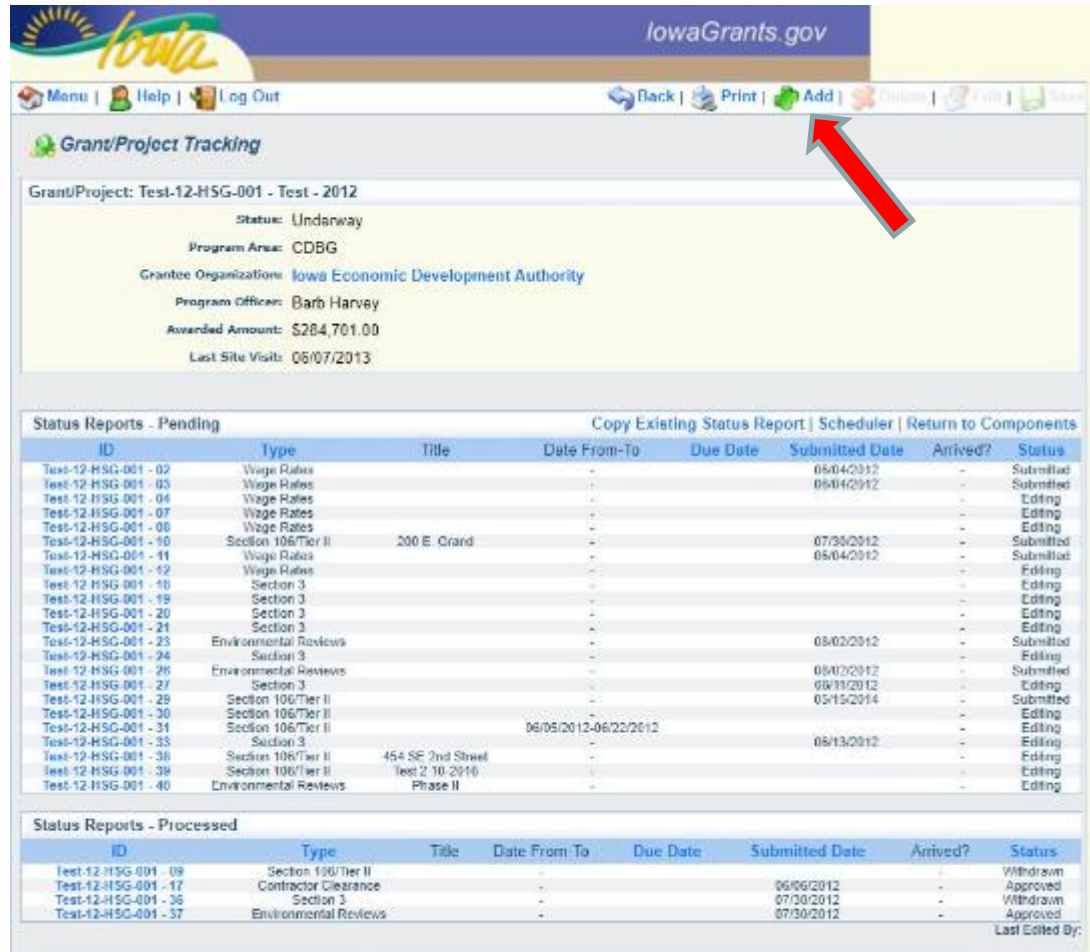
[Alerts](#) | [Copy](#) | [Annotations \(2\)](#) | [Export Grant/Project Data](#)

The components below are associated with the current Funding Opportunity. You can change these components in the Funding Opportunity module. You may associate specific forms in the Associated Forms section above. You can define your own alerts in the Alerts section. You can make notes by clicking Annotations. You can copy this grant and you can export the raw data.

Component	Last Edited
General Information	02/05/2014
HSG - Main Data	08/02/2012
Activities	
HSG - Budget	02/14/2012
Appropriations	
Compliance Forms	
Claims	
Contract Amendments	
Site Visits	
Close-Out	05/23/2014
Contract Holds	
Contract Condition Clearance Documents	
Audit Documents	09/30/2013
Monitoring Uploads	
Required Uploads	
Electronic Documents	05/15/2014
Correspondence	03/12/2015
Opportunity	-
Application	-
Application Versions	-
Application Annotations	-
Review Forms	-



Section 106 Documentation



Iowa Grants.gov

Menu | Help | Log Out | Back | Print | **Add +** | Delete | Edit | Save

Grant/Project Tracking

Grant/Project: Test-12-HSG-001 - Test - 2012

Status: Undersway

Program Area: CDBG

Grantee Organization: Iowa Economic Development Authority

Program Officer: Barb Harvey

Awarded Amount: \$284,701.00

Last Site Visit: 06/07/2013

Copy Existing Status Report | Scheduler | Return to Components

Status Reports - Pending

ID	Type	Title	Date From-To	Due Date	Submitted Date	Arrived?	Status
Test-12-HSG-001 - 02	Wage Rates		-	-	06/04/2012	-	Submitted
Test-12-HSG-001 - 03	Wage Rates		-	-	06/04/2012	-	Submitted
Test-12-HSG-001 - 04	Wage Rates		-	-	-	-	Editing
Test-12-HSG-001 - 07	Wage Rates		-	-	-	-	Editing
Test-12-HSG-001 - 08	Wage Rates		-	-	-	-	Editing
Test-12-HSG-001 - 10	Section 106/Tier II	200 E. Grand	-	-	07/30/2012	-	Submitted
Test-12-HSG-001 - 11	Wage Rates		-	-	06/04/2012	-	Submitted
Test-12-HSG-001 - 12	Wage Rates		-	-	-	-	Editing
Test-12-HSG-001 - 16	Section 3		-	-	-	-	Editing
Test-12-HSG-001 - 19	Section 3		-	-	-	-	Editing
Test-12-HSG-001 - 20	Section 3		-	-	-	-	Editing
Test-12-HSG-001 - 21	Section 3		-	-	-	-	Editing
Test-12-HSG-001 - 23	Environmental Reviews		-	-	06/02/2012	-	Submitted
Test-12-HSG-001 - 24	Section 3		-	-	-	-	Editing
Test-12-HSG-001 - 26	Environmental Reviews		-	-	06/02/2012	-	Submitted
Test-12-HSG-001 - 27	Section 3		-	-	06/11/2012	-	Editing
Test-12-HSG-001 - 29	Section 106/Tier II		-	-	05/15/2014	-	Submitted
Test-12-HSG-001 - 30	Section 106/Tier II		-	-	-	-	Editing
Test-12-HSG-001 - 31	Section 106/Tier II		06/05/2012-06/22/2012	-	-	-	Editing
Test-12-HSG-001 - 33	Section 3		-	-	06/13/2012	-	Editing
Test-12-HSG-001 - 36	Section 106/Tier II	454 SE 2nd Street	-	-	-	-	Editing
Test-12-HSG-001 - 39	Section 106/Tier II	Test 2 10 2016	-	-	-	-	Editing
Test-12-HSG-001 - 40	Environmental Reviews	Phase II	-	-	-	-	Editing

Status Reports - Processed

ID	Type	Title	Date From-To	Due Date	Submitted Date	Arrived?	Status
Test-12-HSG-001 - 09	Section 106/Tier II		-	-	-	-	Withdrawn
Test-12-HSG-001 - 17	Contractor Clearance		-	-	06/06/2012	-	Approved
Test-12-HSG-001 - 36	Section 3		-	-	07/30/2012	-	Withdrawn
Test-12-HSG-001 - 37	Environmental Reviews		-	-	07/30/2012	-	Approved

Last Edited By:

To add a new Compliance Form, click **Add +** in the top right.

Section 106 Documentation

The screenshot shows the Iowa Grants.gov website with the 'Grant Tracking' section. The 'General Information' form includes the following fields:

- Status Report Status:** A dropdown menu currently set to 'Editing'.
- Due Date:** A date input field.
- Status Report Type:** A dropdown menu currently set to 'Section 106/Tier II'.
- Title:** A text input field.
- Report Period:** Two date input fields labeled 'From Date' and 'To Date'.

At the top right of the form is a 'Save' button. Red arrows point to the 'Save' button, the 'Status Report Type' dropdown, and the 'Title' field.


iowa.gov – The Official Website of the State of Iowa. Dulles Technology Partners Inc.

Select “Section 106/Tier II” from the drop down.

Title should always be the property address or project name.

“Due Date” and “Reporting Period” can be left blank, click “Save” to complete

Section 106 Documentation

 IowaGrants.gov

Menu | Help | Log Out | Back | Print | Add | Delete | Edit | Save

Grant/Project Tracking

Grant/Project: Test-12-HSG-001 - Test - 2012

Status: Underway

Program Area: CDBG

Grantee Organization: Iowa Economic Development Authority

Program Officer: Barb Harvey

Awarded Amount: \$284,701.00

Last Site Visit: 06/07/2013

Status Reports - Pending

[Copy Existing Status Report](#) | [Scheduler](#) | [Return to Components](#)

ID	Type	Title	Date From-To	Due Date	Submitted Date	Arrived?	Status
Test-12-HSG-001 - 02	Wage Rates				06/04/2012	-	Submitted
Test-12-HSG-001 - 03	Wage Rates				06/04/2012	-	Submitted
Test-12-HSG-001 - 04	Wage Rates					-	Editing
Test-12-HSG-001 - 07	Wage Rates					-	Editing
Test-12-HSG-001 - 08	Wage Rates					-	Editing
Test-12-HSG-001 - 10	Section 106/Tier II	200 E. Grand			07/30/2012	-	Submitted
Test-12-HSG-001 - 11	Wage Rates				06/04/2012	-	Submitted
Test-12-HSG-001 - 12	Wage Rates					-	Editing
Test-12-HSG-001 - 18	Section 3					-	Editing
Test-12-HSG-001 - 19	Section 3					-	Editing
Test-12-HSG-001 - 20	Section 3					-	Editing
Test-12-HSG-001 - 21	Section 3					-	Editing
Test-12-HSG-001 - 23	Environmental Reviews				06/03/2012	-	Submitted
Test-12-HSG-001 - 24	Section 3					-	Editing
Test-12-HSG-001 - 26	Environmental Reviews				06/03/2012	-	Submitted
Test-12-HSG-001 - 27	Section 3				06/11/2012	-	Editing
Test-12-HSG-001 - 29	Section 106/Tier II				05/15/2014	-	Submitted
Test-12-HSG-001 - 30	Section 106/Tier II					-	Editing
Test-12-HSG-001 - 31	Section 106/Tier II		06/05/2012-06/22/2012			-	Editing
Test-12-HSG-001 - 33	Section 3				06/13/2012	-	Editing
Test-12-HSG-001 - 36	Section 106/Tier II	454 SE 2nd Street				-	Editing
Test-12-HSG-001 - 39	Section 106/Tier II	Test 2 10-2016				-	Editing
Test-12-HSG-001 - 40	Environmental Reviews	Phase II				-	Editing

Status Reports - Processed

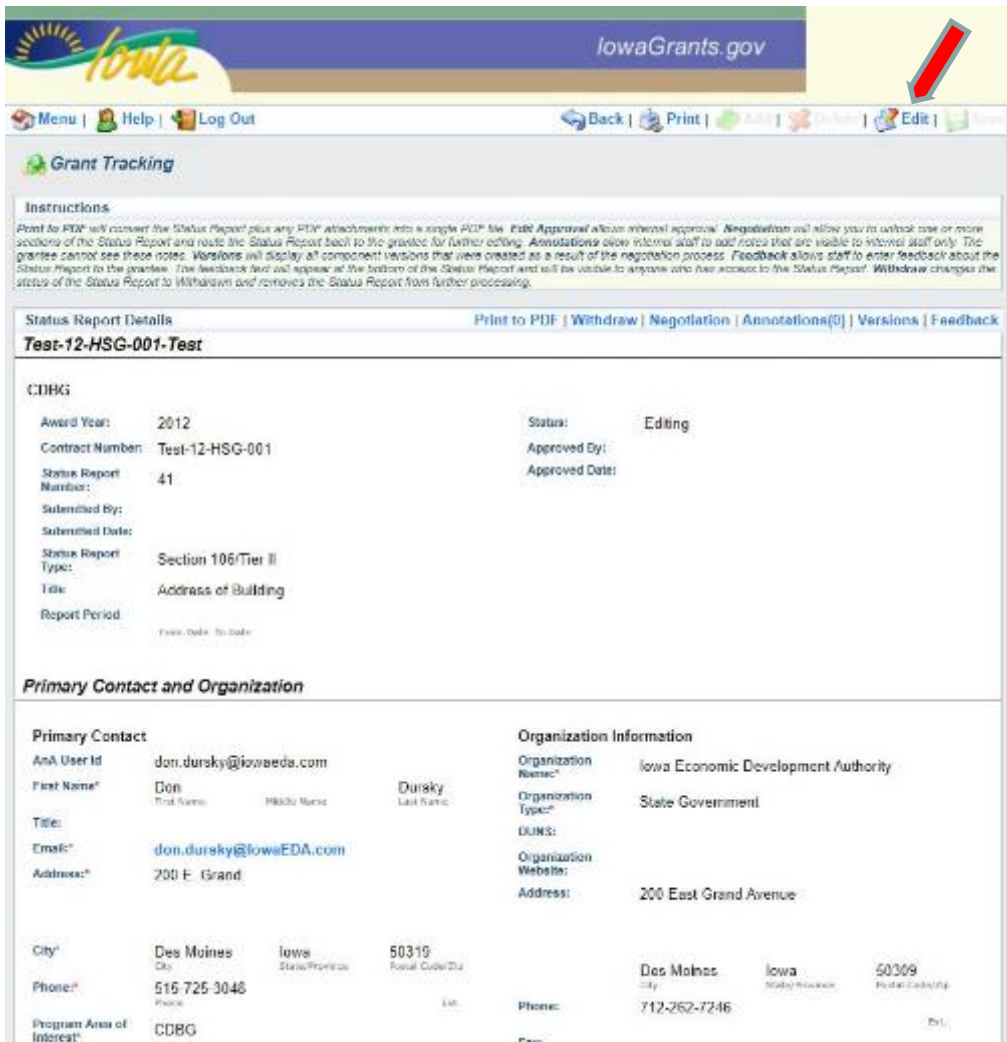
ID	Type	Title	Date From-To	Due Date	Submitted Date	Arrived?	Status
Test-12-HSG-001 - 09	Section 106/Tier II					-	Withdrawn
Test-12-HSG-001 - 17	Contractor Clearances				06/06/2012	-	Approved
Test-12-HSG-001 - 36	Section 3				07/06/2012	-	Withdrawn
Test-12-HSG-001 - 37	Environmental Reviews				07/06/2012	-	Approved

Last Edited By

Iowa.gov - The Official Website of the State of Iowa. | Dulles Technology Partners Inc.

Find the Address you just created, click on the blue highlighted section to access the form.

Section 106 Documentation



Iowa Grants.gov

Menu | Help | Log Out | Back | Print | Add | Delete | **Edit** | Save

Grant Tracking

Instructions
Print to PDF will convert the Status Report plus any PDF attachments into a single PDF file. Print Approval allows internal approval. Negotiation will allow you to unlock one or more sections of the Status Report and route the Status Report back to the grantee for further editing. Annotations allow internal staff to add notes that are visible to internal staff only. The grantee cannot see these notes. Versions will display all component versions that were created as a result of the negotiation process. Feedback allows staff to enter feedback about the Status Report to the grantee. The feedback text will appear at the bottom of the Status Report and will be visible to anyone who has access to the Status Report. Withdraw changes the status of the Status Report to Withdrawn and removes the Status Report from further processing.

Status Report Details | Print to PDF | Withdraw | Negotiation | Annotations(0) | Versions | Feedback

Test-12-HSG-001-Test

CDBG

Award Year:	2012	Status:	Editing
Contract Number:	Test-12-HSG-001	Approved By:	
Status Report Number:	41	Approved Date:	
Submitted By:			
Submitted Date:			
Status Report Type:	Section 106/Tier II		
Title:	Address of Building		
Report Period:	From: Date To: Date		

Primary Contact and Organization

Primary Contact	Organization Information
ANA User Id: don.dursky@iowaeda.com	Organization Name: Iowa Economic Development Authority
First Name: Don	Organization Type: State Government
Last Name: Dursky	DUNS:
Title:	Organization Website:
Email: don.dursky@iowaEDA.com	Address: 200 East Grand Avenue
Address: 200 E. Grand	
City: Des Moines	City: Des Moines
State: Iowa	State: Iowa
Postal Code: 50319	Postal Code: 50309
Phone: 515-725-3046	Phone: 712-262-7246
Program Area of Interest: CDBG	Fax:

The form shows, up and is auto populated with some information. You must select “Edit” to add more information to the form.

Section 106 Documentation

Select “NHPA Section 106/Tier II” to edit form.

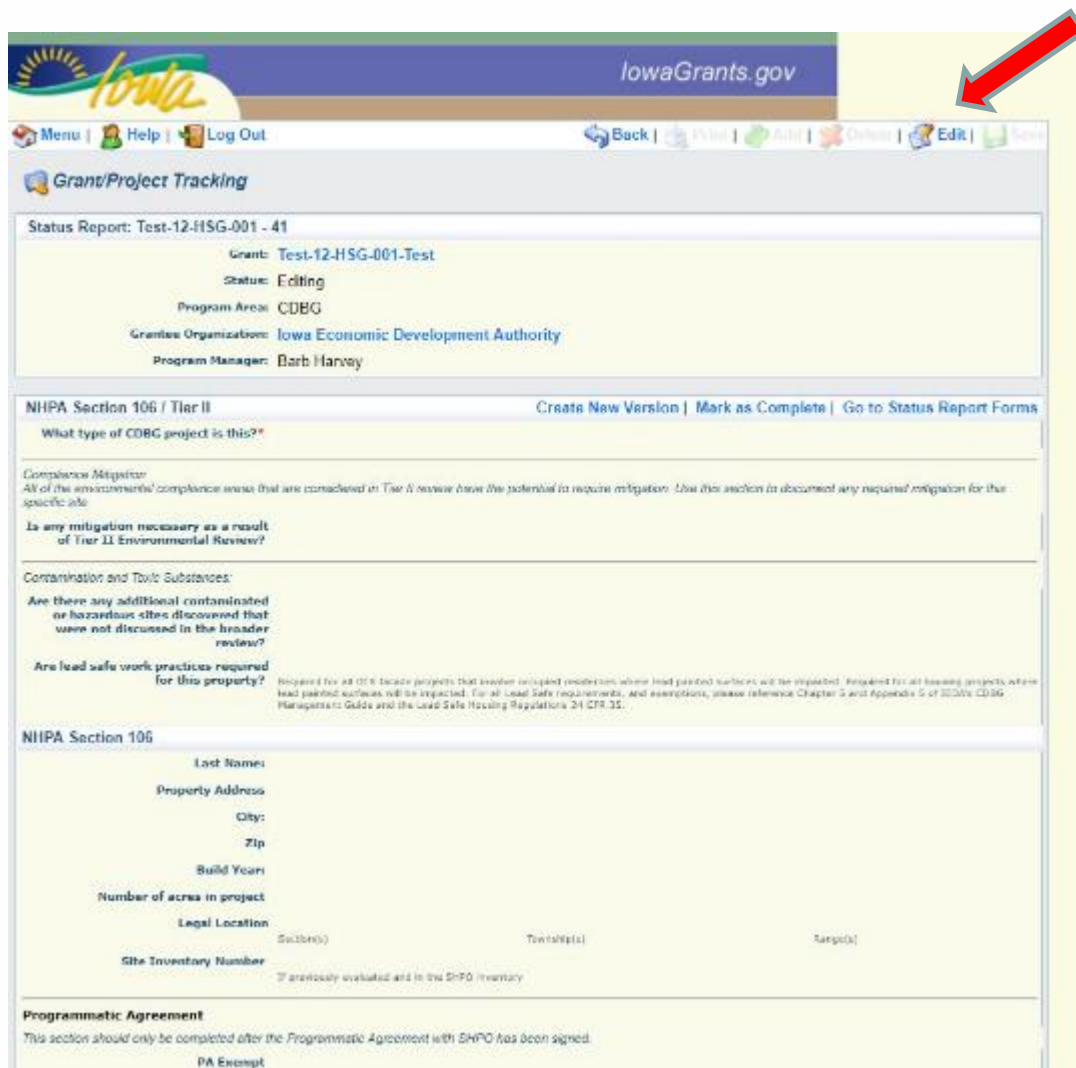
Notice that “General Information” is marked as Complete.



The screenshot displays the Iowa Grants.gov website interface. At the top, there is a header with the Iowa logo and the text "IowaGrants.gov". Below the header, a navigation bar includes links for Menu, Help, Log Out, Back, Print, Add, Delete, Edit, and Save. The main content area is titled "Grant Tracking" and shows details for a "Status Report: Test-12-HSG-001 - 41". The details include: Grant: Test-12-HSG-001-Test, Status: Editing, Program Area: CDBG, Grantee Organization: Iowa Economic Development Authority, and Program Manager: Barb Harvey. Below this, there is a "Components" section with a table listing the components of the status report. The table has columns for Name, Complete?, and Last Edited. The "General Information" component is marked as complete with a checkmark, and the "NHPA Section 106/Tier II" component is highlighted with a red arrow. The footer of the page includes the text "Iowa.gov - The Official Website of the State of Iowa" and "Dulles Technology Partners Inc."

Name	Complete?	Last Edited
General Information	<input checked="" type="checkbox"/>	08/08/2017
NHPA Section 106/Tier II	<input type="checkbox"/>	

Section 106 Documentation



The screenshot shows the Iowa Grants.gov website interface. At the top, there is a header with the Iowa logo and the text 'IowaGrants.gov'. Below the header is a navigation bar with links: Menu, Help, Log Out, Back, Print, Add, Delete, Edit, and Save. A red arrow points to the 'Edit' button. The main content area is titled 'Grant/Project Tracking' and displays the following information:

Status Report: Test-12-HSG-001 - 41

Grant: Test-12-HSG-001-Test
Status: Editing
Program Area: CDBG
Grantee Organization: Iowa Economic Development Authority
Program Manager: Barb Harvey

Below this information, there are several sections for documentation:

NHPA Section 106 / Tier II [Create New Version](#) | [Mark as Complete](#) | [Go to Status Report Forms](#)

What type of CDBG project is this?

Compliance Mitigation:
All of the environmental compliance issues that are considered in Tier II review have the potential to require mitigation. Use this section to document any required mitigation for this specific site.

Is any mitigation necessary as a result of Tier II Environmental Review?

Contamination and Toxic Substances:

Are there any additional contaminated or hazardous sites discovered that were not discussed in the broader review?

Are lead safe work practices required for this property?
Required for all CDBG facade projects that involve occupied residences where lead painted surfaces will be impacted. Required for all housing projects where lead painted surfaces will be impacted. For all Lead Safe requirements, and exemptions, please reference Chapter 5 and Appendix G of IDOT's CDBG Management Guide and the Lead Safe Housing Regulations 24 CFR 35.

NHPA Section 106

Last Name:
Property Address:
City:
Zip:
Build Year:
Number of acres in project:
Legal Location:
Site Inventory Number:
If previously evaluated and in the SHPO inventory

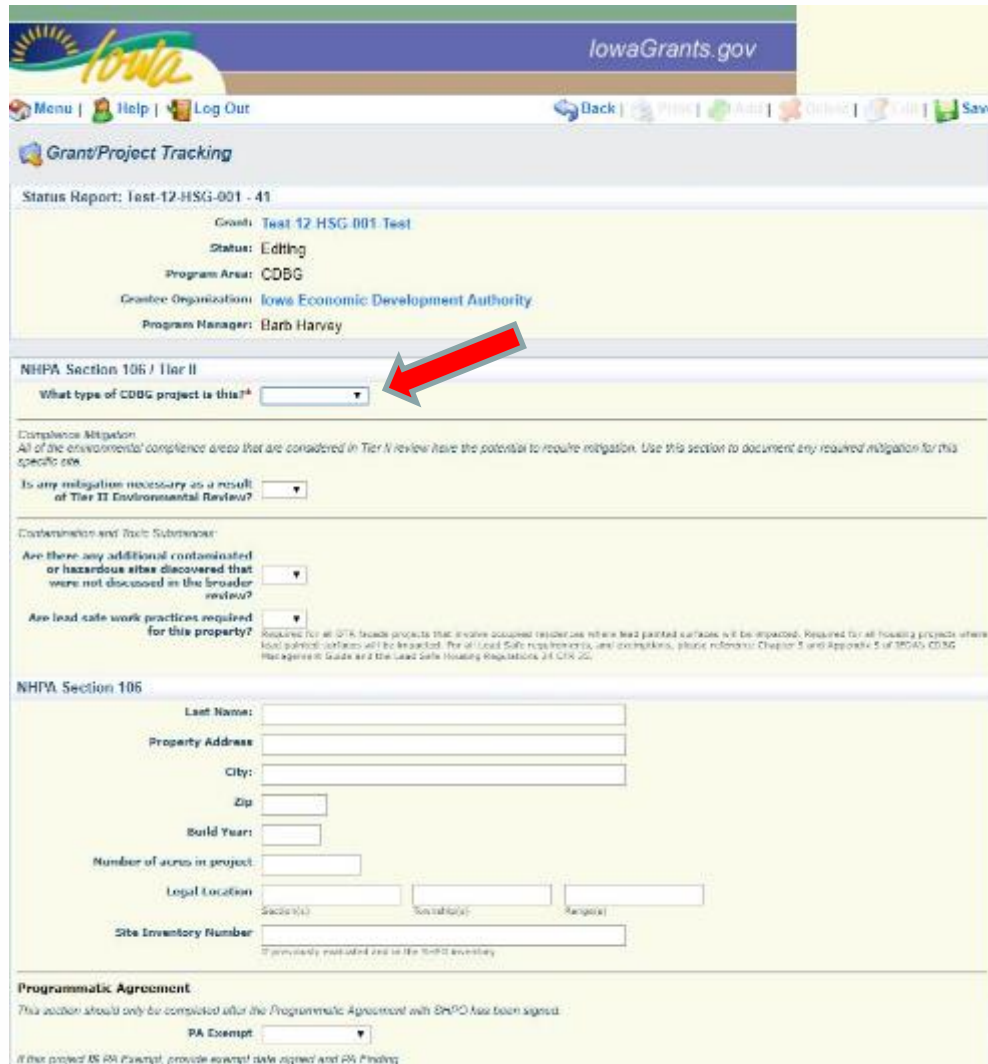
Programmatic Agreement
This section should only be completed after the Programmatic Agreement with SHPO has been signed.
PA Exempt

Click “Edit” in the upper right corner to be able to fill in the form.

Section 106 Documentation


Select the type of CDBG project from the dropdown:

- DTR
- Housing
- WS/CF/EDSA



The screenshot shows the Iowa Grants.gov interface for Grant/Project Tracking. The top navigation bar includes links for Menu, Help, Log Out, Back, Print, Add, Delete, Edit, and Save. The main content area displays project details for 'Test-12-HSG-001 - 41', including Grant, Status (Editing), Program Area (CDBG), Grantee Organization (Iowa Economic Development Authority), and Program Manager (Barb Harvey). Below this, the 'NHFA Section 106 / Tier II' section contains a dropdown menu for 'What type of CDBG project is this?'. A red arrow points to this dropdown. Further down, there are sections for 'Compliance Mitigation', 'Contamination and Risk Substances', and 'NHFA Section 106' with various input fields for project information. The bottom section is 'Programmatic Agreement'.

This will customize the form, and ask only the questions required for that type of project.

 IowaGrants.gov

Menu Help Log Out Back Print Cancel Save

GrantProject Tracking

Status Report: Test-12-HSD-001 - 41

Grant: Test-12-HSD-001-Test
Status: Editing
Program Area: CDBG
Grantee Organization: Iowa Economic Development Authority
Program Manager: Sara Harvey

NHFA Section 106 (Tier II)

What type of CDBG project is this? **WSCFEDSA**

NHFA Section 109

Property Address:
City:
Zip:
Build Year:
Number of acres in project:
Legal Location:
Site Inventory Number:
If previously evaluated and in the SHPO inventory

Programmatic Agreement
This section should only be completed after the Programmatic Agreement with SHPO has been signed.
PA Exempt: **No**
If the project is NOT the design, please provide the finding and supporting documents in the section below.
Finding:
If No Adverse Affect or Adverse Effect, please describe what historic resources are in the APE and how the RE came to the finding.

(Internal Use Only)
Condition:
Project Manager Comments:

Supporting Documentation
For an application, please provide sufficient documentation to support the Responsible Party's finding. (Selected in the dropdown list above). Be sure that as necessary the following documents are provided in the upload area. Please include all certification and evaluation documents, which, depending on the project may mean providing multiple uploads for some of the documents listed in the dropdown. Please also include the Signature Authorization Form documenting the authorized signatory's determination on behalf of the responsible entity. For any relevant documents that support the Section 106 finding but are not detailed below, simply select "Other" and upload the supporting documentation.

Upload:
Archaeology
- If not Over 1/2 S.G. 2. (Include request with field name and APE outlined. Please provide at <http://iowa.gov/edea>)
- Site plan showing limits of proposed activities or general layout (engineering)
- Detail photo from project area (please provide at <http://iowa.gov/edea>)
- Description of work and scope of proposed excavation and current condition of project area
- CDA site the section, Phase 1A, or Phase 1 Archaeological Survey
Architecture
- Provide site information available (landed issue, Site Inventory, Coordinates)
- Location map (no larger than 11x17) with APE clearly marked (Must map clearly per map)
- Detailed description of proposed action including city of project as well as location, if applicable
- File could no more than 5 MB and please save the Inventory Form (available online at www.iowagov.org/presentation) form must include the following items scanned as a single upload:
- Properly completed CDA form with narrative description and statement of significance
- Clear photos of property and surrounding area
- Map showing the location of the home within the City
- City or county official's name and title or other appropriate property information
- Historic photographs if available

Document	Document Description	File
Return to Top		

Section 106 Documentation

Complete ALL questions on the form. Once the form is fully completed, click “save”

You will not be able to upload supporting documentation until you click “save”

Section 106 Documentation

Click “Add” to upload supporting documentation. Include all relevant documents so that the reviewer can see what your finding is based on, and can concur with your determinations and your finding.



 IowaGrants.gov

Menu | Help | Log Out | [Back](#) | [Print](#) | [Add](#) | [Cancel](#) | [Exit](#)

Grants:Project Tracking

Status Report: Test-12-H80-001 - 41

Grant: Test-12-H80-001-Test
Status: Editing
Program Area: CDBG
Grantee Organization: Iowa Economic Development Authority
Program Manager: Bob Harvey

NHPA Section 106 / Tier II [Create New Version](#) | [Mark as Complete](#) | [Go to Status Report Forms](#)

What type of CDBG project is this? [WS/CR/EDSA](#)

Property Address:
City:
Zip:
Build Year:
Number of acres in project:
Legal Location:
Site Inventory Number:
If previously evaluated and in the SHPO inventory

Section(s) Township(s) Range(s)

Programmatic Agreement
This section should only be completed after the Programmatic Agreement with SHPO has been signed.
PA Exempt: No
If this project is PA Exempt, provide exempt date signed and PA Finding
Exempt Date Signed: PA Exemption:
If this project is NOT PA Exempt, please provide the finding and supporting documents in the section below.
Finding:
If No Adverse Affect or Adverse Effect, please describe what historic resources are in the APS and how the RE came to the finding.

(Internal Use Only)
Conditions:
Project Manager Comments:

Supporting Documentation [Add](#)

For all submissions, please provide sufficient documentation to support the Responsible Entity's Finding (selected in the drop-down list above). Be sure that as necessary the following documents are provided in the uploads below. Please include all identification and evaluation documents which, depending on the project may mean providing multiple uploads for some of the document types listed in the drop-down. Please also include the Signature Authorization Form to document the administrator can make determinations on behalf of the responsible entity. For any relevant documents that support the Section 106 project but are not identified below, simply select "Other" and upload the supporting documentation.

Upload

Archaeology

- 1.5 mi. Quad U.S.G.S. (1.5-mile radius) with quad name and APS outlined (image online at <http://ortho.gis.state.ia.gov>)
- Site plan showing limits of proposed activities or general layout (engineering)
- Aerial photo, zoom to project area (photos online at <http://ortho.gis.state.ia.gov>)
- Description of width and depth of proposed excavation and current conditions of project area
- CDA site file search: Phase IA, or Phase I Archaeological Survey

Architecture

- Previous site information available (contact Iowa Site Inventory Coordinator)
- Location map no bigger than 11x17" with APS clearly outlined (Quad map or site plan map)
- Detailed description of proposed action, including copy of project specifications, if applicable
- Previous (no more than 5 years old) or new Iowa site inventory form (available online at www.iowahistory.org/government) form must include the following items scanned as a single upload

Other

- Properly completed ISIP form with narrative description and statement of significance
- Clear photos of property and surrounding area
- Map showing the location of the home within the City
- Copy of deed or any necessary land record or other appropriate property information
- Historic photographs if available

Document: Document Description: File

Last Updated By: Ann Scherer, 10/05/2017

Section 106 Documentation

Menu | **Help** | **Log Out** | **Back** | **Print** | **Add** | **Delete** | **Edit** | **Save**

Grant Tracking

Status Report: Test-12-HSG-001 - 41

Grant: **Test-12-HSG-001-Test**
Status: **Editing**
Program Area: **CDBG**
Grantee Organization: **Iowa Economic Development Authority**
Program Manager: **Barb Harvey**

Supporting Documentation

For all submittals, please provide sufficient documentation to support the Responsible Entity's Finding (selected in the drop-down list above). Be sure that as necessary the following documents are provided in the uploads below. Please include all identification and evaluation documents, which, depending on the project may mean providing multiple uploads for some of the document types listed in the drop-down. Please also include the Signature Authorization Form to document the administrator can make determinations on behalf of the responsible entity. For any relevant documents that support the Section 106 packet but are not identified below, simply select "Other" and upload the supporting documentation.

Upload:

Archaeology

- 1/5 min Quad U.S.G.S. (1-mile radius) with quad name and APE outlined (maps on-line at <http://ortho.gis.iastate.edu/>)
- Site plan showing limits of proposed activities or general layout (engineering)
- Aerial photo, zoom to project area (photos on-line at <http://ortho.gis.iastate.edu/>)
- Description of width and depth of proposed excavation and current conditions of project area
- OSA site file search, Phase IA, or Phase I Archaeological Survey

Architecture

- Previous site information available (contact Iowa Site Inventory Coordinator)
- Location map (no bigger than 11x17) with APE clearly defined (Quad map or city plat map)
- Detailed description of proposed action, including copy of project specifications, if applicable
- Previous (no more than 5 years old) or new Iowa site Inventory Form (available online at www.iowahistory.org/preservation/) form must include the following items scanned as a single upload:
 - Properly completed ISIF form with narrative description and statement of significance
 - Clear photos of property and surrounding area
 - Map showing the location of the home within the City
 - Copy of county or city assessor's card record or other appropriate property information
 - Historic photographs if available

Document*

Document Description:

File No file chosen

[Return to Top](#)

Select the type of document you are uploading, provide a brief description, and upload document.

Click "Save" once the document is uploaded.

Section 106 Documentation

Once the form is fully completed and you've uploaded all of your documents, click "Mark as Complete"

The screenshot shows the 'Section 106 / Tier II' form in the Iowa Grants.gov system. The form is titled 'Status Report: Test-12-H8Q-001 - 41'. It contains several sections for data entry, including 'What type of CDBG project is this?', 'Property Address', 'Programmatic Agreement', and 'Supporting Documentation'. A red arrow points to the 'Mark as Complete' button located at the top right of the form.

Grant: Test-12-H8Q-001-Test
Status: Editing
Program Area: CDBG
Grantee Organization: Iowa Economic Development Authority
Program Manager: Bob Harvey

NHPA Section 106 / Tier II [Create New Version](#) [Mark as Complete](#) [Go to Status Report Forms](#)

What type of CDBG project is this? ☐ WS/CF/EDSA

Property Address
City:
Zip:
Build Year:
Number of acres in project:
Legal Location:
Section(s) Township(s) Range(s)
Site Inventory Number
If previously evaluated and in the SHPO inventory

Programmatic Agreement
This section should only be completed after the Programmatic Agreement with SHPO has been signed.
PA Exempt: ☐ No
If this project is PA Exempt, provide exempt date signed and PA Finding
Exempt Date Signed: PA Exemption:
If this project is NOT PA Exempt, please provide the finding and supporting documents in the section below.
Finding:
If No Adverse Affect or Adverse Effect, please describe what historic resources are in the APS and how the RE came to the finding.

(Internal Use Only)
Conditions:
Project Manager Comments:

Supporting Documentation [Add](#)
For all submissions, please provide sufficient documentation to support the Responsible Entity's Finding (selected in the drop-down list above). Be sure that as necessary the following documents are provided in the uploads below. Please include all identification and evaluation documents, which, depending on the project may mean providing multiple uploads for some of the document types listed in the drop-down. Please also include the Signature Authorization Form to document the administrator can make determinations on behalf of the responsible entity. For any relevant documents that support the Section 106 project but are not identified below, simply select "Other" and upload the supporting documentation.

Upload
Archaeology
• 1.5 mi. Quad U.S.G.S. (1-mile radius) with quad name and APS outlined (image online at <http://dnr.iowa.gov/aps>)
• Site plan showing limits of proposed activities or general layout (engineering)
• Aerial photo, zoom to project area (photos online at <http://dnr.iowa.gov/aps>)
• Description of width and depth of proposed excavation and current conditions of project area
• QSA site file search, Phase IA, or Phase I Archaeological Survey

Architecture
• Previous site information available (contact Iowa Site Inventory Coordinator)
• Location map no bigger than 11x17" with APS clearly outlined (Quad map or site plan map)
• Detailed description of proposed action, including copy of project specifications, if applicable
• Previous (no more than 5 years old) or new Iowa site inventory form (available online at www.iowahistory.org/government) form must include the following items scanned as a single upload:
• Property completed ISIP form with narrative description and statement of significance
• Clear photos of property and surrounding area
• Map showing the location of the home within the City
• Copy of deed or city recorder's land record or other appropriate property information
• Historic photographs if available

Document **Document Description** **File**
Last Updated By: Ann Scherer, 10/05/2017

Section 106 Documentation

All components of your form should be marked as completed. Click “Submit.” Once submitted you will no longer be able to edit the document. Forms must be submitted for the review to take place.

Grant Tracking

Status Report: Test-12-HSG-001 - 41

Grant: Test-12-HSG-001-Test

Status: Editing

Program Area: CDBG

Grantee Organization: Iowa Economic Development Authority

Program Manager: Barb Harvey

Components [Preview](#) [Submit](#)

Complete each component of the status report and mark it as complete. Click Submit when you are done.

Name	Complete?	Last Edited
General Information	✓	08/08/2017
NHPA Section 105/Tier II	✓	08/08/2017

Iowa.gov – The Official Website of the State of Iowa. | Dulles Technology Partners Inc.

Section 106 Documentation

IowaGrants.gov

Menu | Help | Log Out | Back | Print | Add | Remove | Edit | Save

Grant Tracking

Instructions
Print to PDF will convert the Status Report plus any PDF attachments into a single PDF file. Edit Approval allows internal approval. Negotiation will allow you to unlock one or more sections of the Status Report and route the Status Report back to the grantee for further editing. Annotations allow internal staff to add notes that are visible to internal staff only. The grantee cannot see these notes. Versions will display all component versions that were created as a result of the negotiation process. Feedback allows staff to enter feedback about the Status Report to the grantee. The feedback text will appear at the bottom of the Status Report and will be visible to anyone who has access to the Status Report. Withdraw changes the status of the Status Report to Withdrawn and removes the Status Report from further processing.

Status Report Details | Print to PDF | Withdraw | Annotations(0) | Versions | Feedback

Test-12-HSG-001-Test

CDBG

Award Year: 2012
Contract Number: Test-12-HSG-001
Status Report Number: 29
Submitted By: Don Dursky
Submitted Date: 05/15/2014
Status Report Type: Section 106/Tier II
Title:
Report Period:
From Date: To Date:

Primary Contact and Organization

Primary Contact		Organization Information	
ANR User ID	don.dursky@iowaeda.com	Organization Name*	Iowa Economic Development Authority
First Name*	Don	Organization Type*	State Government
Title:	Dursky	DUNS:	
Email*	don.dursky@iowaEDA.com	Organization Website:	
Address*	200 E. Grand	Address:	200 East Grand Avenue
City*	Des Moines	City	Des Moines
State/Province:	Iowa	State/Province:	Iowa
Postal Code/Zip	50319	Postal Code/Zip	50309
Phone*	515-725-3048	Phone:	712-262-7248
Program Area of Interest*	CDBG	Fax:	
Fax:		Benefactor	
Agency	Economic Development, Iowa Department of	Vendor Number	

Status Report Approval

Level	Approved By	Approved Date	Approval	Comments
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IEDA will review the form. If anything is incorrect, the form can be sent back to “correcting” status for you to edit/update. You will need to re-submit after changes have been made.

Once the form has been reviewed and approved by IEDA, print the “Approved” page from lowagrants.gov and include that in your Environmental Assessment and/or Environmental Review Record File.

Section 106 Documentation

- » How IEDA Processes and Documents Section 106 Compliance
 - » iowagrants.gov
 - » Status Report (**Compliance Forms**)
 - » Environmental Assessment (EA) – *NEW PROCESS*

10. Historic Preservation [36 CFR 800]		<div data-bbox="739 666 1705 815">According to the Programmatic Agreement, CDBG recipients are to consult with IEDA's Section 106 Coordinator instead of the SHPO. The section 106 consultation with IEDA was concluded on ####. They agreed with the "no historic properties affected" finding. List of tribes interested in the project county are located here: http://egis.hud.gov/tdat/Tribal.aspx Tribes consulted on ####. Letters to the tribes and IEDA consultation memo are located in the appendix.</div> <div data-bbox="739 829 1705 1019">OR (for HSG & DTR projects) According to the Programmatic Agreement, CDBG recipients are to consult with IEDA's Section 106 Coordinator instead of the SHPO. Each house/building as it is identified will be submitted to the IEDA Section 106 Coordinator for section 106 consultation. No rehabilitation will occur on the house/building prior to conclusion of this consultation. Due to the nature of the activity, the Tribes were not consulted. The "when to consult tribes" memo are located in the appendix.</div>
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Section 106 Documentation

- » How IEDA Processes and Documents Section 106 Compliance
 - » iowagrants.gov
 - » Status Report (**Compliance Forms**)
 - » Categorically Excluded Subject to 58.5(a)(3)

10. Historic Preservation [36 CFR 800]		<p>According to the Programmatic Agreement, CDBG recipients are to consult with IEDA's Section 106 Coordinator instead of the SHPO. The section 106 consultation with IEDA was concluded on ####. They agreed with the "no historic properties affected" finding. List of tribes interested in the project county are located here: http://egis.hud.gov/tdat/Tribal.aspx Tribes consulted on ####. Letters to the tribes and IEDA consultation memo are located in the appendix.</p> <p>OR (for HSG & DTR projects)</p> <p>According to the Programmatic Agreement, CDBG recipients are to consult with IEDA's Section 106 Coordinator instead of the SHPO. Each house/building as it is identified will be submitted to the IEDA Section 106 Coordinator for section 106 consultation. No rehabilitation will occur on the house/building prior to conclusion of this consultation. Due to the nature of the activity, the Tribes were not consulted. The "when to consult tribes" memo are located in the appendix.</p>
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Section 106 Documentation

- » How IEDA Processes and Documents Section 106 Compliance
 - » iowagrants.gov
 - » Status Report (**Compliance Forms**)
 - » Categorically Excluded Subject to 58.5(a)(3):
 - » Must be completed per participating property
 - » Must be Submitted AND Approved prior to starting project
 - » No draws will be processed without approved form
 - » All components of the form should be filled out completely

Tier II Documentation

The screenshot shows the Iowa Grants.gov website interface. At the top is the Iowa state logo and the text "IowaGrants.gov". Below this is a navigation bar with links for Menu, Help, Log Out, Back, Print, Add, Delete, Edit, and Save. The main content area is titled "Grant/Project Tracking" and displays the "Status Report: Test-12-HSG-001 - 10". The report details include: Grant: Test-12-HSG-001-Test, Status: Submitted, Program Area: CDBG, Grantee Organization: Iowa Economic Development Authority, and Program Manager: Barb Harvey. Below this is the "NHPA Section 106 / Tier II" section. It contains a dropdown menu for "What type of CDBG project is this?" with "Housing" selected. A note about "Compliance Mitigation" states that all environmental compliance areas considered in Tier II review have the potential to require mitigation. Below this is a question "Is any mitigation necessary as a result of Tier II Environmental Review?" with a "Yes" dropdown. A large text box is provided for the user to "Please explain what is being mitigated (Section 106, wetlands, floodplain, radon, noise, etc.) and how:". At the bottom, there is a section for "Contaminants and Their Substances".

IowaGrants.gov

Menu | Help | Log Out | Back | Print | Add | Delete | Edit | Save

Grant/Project Tracking

Status Report: Test-12-HSG-001 - 10

Grant: Test-12-HSG-001-Test

Status: Submitted

Program Area: CDBG

Grantee Organization: Iowa Economic Development Authority

Program Manager: Barb Harvey

NHPA Section 106 / Tier II

What type of CDBG project is this?* Housing

Compliance Mitigation:
All of the environmental compliance areas that are considered in Tier II review have the potential to require mitigation. Use this section to document any required mitigation for this specific site.

Is any mitigation necessary as a result of Tier II Environmental Review? Yes

Please explain what is being mitigated (Section 106, wetlands, floodplain, radon, noise, etc.) and how:

Contaminants and Their Substances

For Tier II Documentation, start a Status Report, select a Tier II type of project (HSG & DTR) and complete the questions on the form.

This form should be used to collect information you have already finalized prior to filling out the form, but was not included in your initial ERR.

Tier II Documentation

The form will adjust as you answer questions, so don't leave anything blank. If a text box or question appears that isn't relevant, make sure the question above is answered correctly. Don't "Submit" a form until all information is provided on form.

Contamination and Toxic Substances:

Are there any additional contaminated or hazardous sites discovered that were not discussed in the broader review?

Please explain:
(500 characters max.)

Updated lists from DNR underground tanks database or DNR contaminated sites database (if necessary) No file chosen

When was the home tested for radon? 

Radon Test Results No file chosen

What is the radon level?

Are lead safe work practices required for this property?

Are Lead safe work practices specified according to HUD's Lead Safe Housing regulations?

Required for all DTR facade projects that involve occupied residences where lead painted surfaces will be impacted. Required for all housing projects where lead painted surfaces will be impacted. For all Lead Safe requirements, and exemptions, please reference Chapter 5 and Appendix 5 of IEDA's CDBG Management Guide and the Lead Safe Housing Regulations 24 CFR 35.



Tier II Documentation

The form will adjust as you answer questions, so don't leave anything blank. If a text box or question appears that isn't relevant, make sure the question above is answered correctly. Don't "Submit" a form until all information is provided on form.

Noise Control

Is the home located within 1,000 feet of a major/busy road, 3,000 feet of a railway, or 15 miles from an airport (civil or military)?

Map showing the distances from the house to major/busy roads, railways, and airports No file chosen

What is the DNL level? *the questions that follow will be based on this answer.*

The DNL calculator can be found on HUD's web site at <https://www.hudexchange.info/environmental-review/dnl-calculator/>

DNL calculator results No file chosen

Because the DNL level is above 65 dB, will attenuation be completed?

Because the DNL is above 65 db, please describe proposed attenuation or why attenuation will not be completed? (500 characters max.)

For NHPA follow the previous slides regarding uploading supporting documentation.

Once a form is “Approved” the project can proceed and the documentation should be incorporated into the ERR file. If any mitigation is/was required, project managers will follow up at monitoring.

Invest one ... The Official Website of the State of Invest

Tier II Documentation

Live Demonstration:

www.iowagrants.gov

Questions

Leslie Leager

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Iowa Economic Development Authority

Leslie.Leager@iowaeda.com



Ann Schmid

Historic Preservation Specialist
Iowa Economic Development Authority

ann.schmid@iowaeda.com

