

CDBG Environmental Workflow Process (For Grantee Use)

Type of Project: HR Tier 2 Individual Single Unit, Owner-Occupied LMI Home

Grantee Name: City of Ava
Address of Home: 205 W. Public St., Ava, IL 62907

Grant # 19-243001

ERR Prepared By: Jacob Wach
(Printed Name)

Crosswalk CAA
(Organization)

Signature: Jacob Wach
(Signature)

7-26-21
(Date)

PROCESS/REQUIRED DOCUMENTATION

✓	HUD LEVEL OF REVIEW INDICATED	
✓	Determination of Level of Environmental Review form	
✓	Categorically Excluded per 58.35 (a) (3) (i) () ()	
✓	DCEO / HUD CERTIFICATION FORMS	Date
✓	Signature Date of Environmental Review for Activity/Project that is Categorically Excluded (Subject to 58.5)	<u>7-26-21</u>
	Does this review convert to Exempt? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Please scan and email color version of completed ERR to DCEO CDBG ERO. You may mail a colored COPY – Originals will not be returned.

Once the ERR is approved, the DCEO HR Manager will send you a copy of approval allowing the community to then sign individual home's rehab contract.

DETERMINATION OF LEVEL OF CDBG ENVIRONMENTAL REVIEW
FOR TIER 2 CDBG-HR SINGLE UNIT, OWNER-OCCUPIED HOME-SPECIFIC LEVEL REVIEW

PART A

Grantee/Applicant Community: City of Ava

Grant #: 19-243001

Home Owner Name: Patricia Crontz

Home Location (Complete Street Address, incl. Community):

205 W. Public St.

Ava, IL 62907

Project Description: Housing Rehabilitation improvements to be performed on the single-unit, owner-occupied LMI home identified under "Home Location" immediately above; in which the density is not increased, the land use is not changed, and the footprint of the home is not increased in a floodplain or in a wetland. [58.35(a)(3)(i)].

An estimated \$34,280.00 in grant funds (not to exceed \$45,000) will be used for eligible activities and addressed through installation of new, or repair of, existing systems. The specific improvements to the "Home Location" with Grant funds are circled among the following eligible Illinois CDBG Housing Rehabilitation (HR) activities:

- | | | | |
|------------------------|--------------------------|------------------|-----------------------|
| PLUMBING | ELECTRICAL | ROOFING | FOUNDATION/STRUCTURAL |
| SIDING/PAINTING | ENERGY EFFICIENCY | LEAD REMEDIATION | ACCESSIBILITY |

PART B

The subject project has been reviewed pursuant to HUD regulations 24 CFR Part 58—*Environmental Review Procedures for Entities Assuming HUD Environmental Responsibilities*, and the following determination with respect to the project, and its component activities, is made (more than one level of review may apply, depending on project's activities):

- Exempt** from NEPA review requirements per 24 CFR 58.34(a)() () () ()
*See attached Finding of Exempt Activity
- Categorically Excluded NOT Subject** to §58.5 authorities per 24 CFR 58.35(b) () () ()
*See attached Finding of Categorical Exclusion Not Subject to §58.5
- Categorically Excluded Subject** to §58.5 authorities per 24 CFR 58.35(a) (3)(i)()
*See attached Finding of Categorical Exclusion Subject to §58.5
- An **Environmental Assessment (EA)** is required to be performed
- An **Environmental Impact Statement (EIS)** is required to be performed (*Contact DCEO ERO to confirm*)

Grantee Environmental Reviewer

Completed by (signature):

Jacob Wach

Name, Title, Organization:

Jacob Wach Housing Specialist Crosswalk CAA

Date: 07/26/2021

FINDING OF CATEGORICAL EXCLUSION SUBJECT TO §58.5 [24 CFR 58.35(a)]

- 1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets) [58.35(a)(1)]

- 2. Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons [58.35(a)(2)]
- 3. Rehabilitation of buildings and improvements when the following conditions are met:
 - i. In the case of a building for residential use (with one to four units), the density is not increased beyond four units, the land use is not changed, and the footprint of the building is not increased in a floodplain or in a wetland [58.35(a)(3)(i)]
 - ii. In the case of multifamily residential buildings, unit density is not changed more than 20 percent, the project does not involve changes in land use from residential to non-residential, and the estimated cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation [58.35(a)(3)(ii)]
 - iii. In the case of non-residential structures, including commercial, industrial, and public buildings, the facilities and improvements are in place and will not be changed in size or capacity by more than 20 percent, and the activity does not involve a change in land use, such as from non-residential to residential, commercial to industrial, or from one industrial to another [58.35(a)(3)(iii)]
- 4(i). An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between [58.35(a)(4)(i)]. [This section does not apply to rehabilitation of a building for residential use (with one to four units)].
- 4(ii). An individual action on a project of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site [58.35(a)(4)(ii)]. [This section does not apply to rehabilitation of a building for residential use (with one to four units)].
- 5. Acquisition (including leasing) or disposition of, or equity loans on an existing structure, or acquisition (including leasing) of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use [58.35(a)(5)]
- 6. Combinations of the above activities [58.35(a)(6)]



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

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

Project Information – Tier 2 Level Review for Individual Single-Unit, Owner-Occupied Low-to-Moderate Income (LMI) Home to be rehabilitated with State of Illinois DCEO CDBG Housing Rehabilitation (HR) funds.

Project Name: City of Ava, Housing Rehabilitation

Responsible Entity: City of Ava, Jackson County, IL

Grant Recipient (if different than Responsible Entity):

State/Local Identifier: Grant # 19-243001

Preparer: Jacob Wach, Housing Specialist, Crosswalk CAA

Certifying Officer Name and Title: Candice Cotter, Mayor, City of Ava

Consultant (if applicable): N/A.

Direct Comments to: Jacob Wach, 618-937-3581 ext.126

Project Location (i.e., Complete Street Address of Home): 205 W. Public St., Ava, IL 62907

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

Project Description: (List Individual housing rehabilitation work to be done with Grant/leverage funds to this home): Rehabilitation improvements to be performed on the single-unit, owner-occupied LMI home identified under "Home Location" immediately above. Eligible activities may be addressed through installation of new, or repair of, existing systems. The specific improvements to that home with Grant funds are circled among the following eligible Illinois CDBG Housing Rehabilitation (HR) activities:

- PLUMBING**
- ELECTRICAL**
- ROOFING**
- FOUNDATION/STRUCTURAL
- SIDING** PAINTING
- ENERGY EFFICIENCY**
- LEAD REMEDIATION
- ACCESSIBILITY

Level of Environmental Review Determination:

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

Funding Information

Grant Number	HUD Program	Categorically Excluded Amount
19-243001	State CDBG	\$42,690.00

Estimated Total HUD Funded Amount:

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$42,690.00, with \$42,690.00 from Illinois CDBG, for the minor rehabilitations of 205 W. Public St., Ava, IL 62907, as identified on the preceding page.

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

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance Determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This element was previously cleared in the target area Tier 1 level review.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<i>Illinois is not a covered state under these Acts.</i> This element was previously cleared in the target area Tier 1 level review.
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<i>The project is exempt pursuant to Section 58.6(a)(3), because it is funded through a HUD formula grant made to a state.</i> This element was previously cleared in the target area Tier 1 level review.

STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5

<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This element was previously cleared in the target area Tier 1 level review.</p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This element was previously cleared in the target area Tier 1 level review.</p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 50.3(i) & 58.5(i)(2)</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>39 Cherry Dr. is not located near any toxic, hazardous, or radioactive substances. See attached EPA NPA listing, Enviromapper reports, and HUD Contamination and Toxic Substances sheet.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This element was previously cleared in the target area Tier 1 level review.</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This element was previously cleared in the target area Tier 1 level review.</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This element was previously cleared in the target area Tier 1 level review.</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>This element was previously cleared in the target area Tier 1 level review.</p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>See attached IHPA clearance letter dated June 22, 2021.</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Only minor noise will occur during daylight construction hours. The project is in compliance with HUD noise regulations. See attached HUD Noise (CEST Level) worksheet.</p>

Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40.CFR-Part-149	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This element was previously cleared in the target area Tier 1 level review.
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This element was previously cleared in the target area Tier 1 level review.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This element was previously cleared in the target area Tier 1 level review.
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	This element as previously cleared in the target area Tier 1 level review.

Field Inspection (Date and completed by):

Summary of Findings and Conclusions: 12 bodies of Federal Environmental Law, as noted above, were previously cleared at the local target area Tier 1 level review. The four (4) remaining bodies of Federal Environmental Law (i.e., Contamination and Toxic Substances; Historic Preservation; Noise Abatement and Control; and Environmental Justice), as also noted above and documented through the attached supporting documentation, were cleared by this Tier 2 home-specific level review, for the home identified on the 1st page of this ER for CEST form.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure

Determination:

- This categorically excluded activity/project converts to **EXEMPT** per Section 58.34(a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license; **Funds may be committed and drawn down after certification of this part** for this (now) EXEMPT project; OR
- This categorically excluded activity/project cannot convert to Exempt status because one or more statutes or authorities listed at Section 58.5 requires formal consultation or mitigation. Complete consultation/mitigation protocol requirements, **publish NOI/RROF and obtain "Authority to Use Grant Funds"** (HUD 7015.16) per Section 58.70 and 58.71 before committing or drawing down any funds; OR
- This project is not categorically excluded OR, if originally categorically excluded, is now subject to a full Environmental Assessment according to Part 58 Subpart E due to extraordinary circumstances (Section 58.35(c)).

Preparer Signature: Jacob Wach Date: 07/26/2021

Name/Title/Organization: Jacob Wach, Housing Specialist, Crosswalk CAA

Responsible Entity Agency Official Signature:

Candice Cotter Date: 07/26/2021

Name/Title: Candice Cotter, Mayor, City of Ava

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

Compliance Documentation Checklist for Categorically Excluded (Subject to 58.5) CDBG HR Tier 2 Level Home-Specific Review

Grantee: City of Ava		Grant #: 19-243001	Complete Address: 205 W. Public St., Ava, IL 62907
Compliance Documentation Items and Explanations – Please place items behind completed HUD Environmental Review document for the Tier 2 Level Home-specific (subject to 58.5), in the order they are listed, in that document.			
YES	NO	DOCUMENTATION	
X		Project Location Map of individual home to be rehabilitated	
X		Project summary of individual home (usually a contractor's estimate). Must specify work to be performed at that residence with grant funds.	
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 AND 58.6			
Airport Clear Zones and Accident Potential Zones			
X		Airport database search results of project area – Previously cleared at Tier 1 Target Area Level Review	
Coastal Barrier Resources			
		Illinois is not covered by this Federal body of Law	
Flood Insurance			
		HUD/HEROS – Flood Insurance (CEST and EA) Worksheet – Not required for funding from HUD formula grant made to a state (e.g., State of IL CDBG).	
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 AND 58.5			
Clean Air Act			
X		IEPA clearance letter – Previously cleared at Tier 1 Target Area Level Review	
X		US EPA Illinois (by County by Year) Non-Attainment Status list – Previously cleared at Tier 1 Target Area Level Review	
X		National Non-Attainment Status list – Previously cleared at Tier 1 Target Area Level Review	
Coastal Zone Management Act			
X		Illinois Coastal Zone Boundaries Map with Grantee's location marked – Previously cleared at Tier 1 Target Area Level Review	
Contamination and Toxic Substances			
X		Completed US EPA EnviroMapper for Envirofacts documentation of project area	
X		HUD – Contamination and Toxic Substances (Single Family Properties) Worksheet (CDBG HR Tier 2 Reviews Only)	
X		Required mitigation documentation (if required for home)	
Endangered Species Act			
X		USF&WS Endangered Species List for Project's County - Previously cleared at Tier 1 Target Area Level Review	
Explosive and Flammable Hazards			
X		HUD – Explosive and Flammable Hazards (CEST and EA) Worksheet (For ED/RLF Projects Only) – Previously cleared at Tier 1 Target Area Level Review	
Farmland Protection Policy Act			
X		Exempt from provisions of Act due to rehabilitation of existing unit – Previously cleared at Tier 1 Target Area Level Review	
Floodplain Management			
X		FEMA Firmette with Project Location clearly marked – Previously cleared at Tier 1 Target Area Level Review	
Historic Preservation			
X		IL DNR Historic Preservation (HP) Section 106 Clearance Letter for individual home to be rehabilitated with grant funds	
X		Copy of completed HUD Section 106 Tribal Consultation Checklist that was done at Tier 1 Target Area Level Review	
Noise Abatement and Control			
X		HUD – Noise Abatement and Control CEST Level Review Worksheet (for CDBG HR Tier 2 Reviews Only)	
X		HUD DNL (Day/Night Level) Calculated Results	
X		Documentation of any mitigation measures required	
Sole Source Aquifers			
X		US EPA Region 5 Sole Source Aquifers Map with Grantee's location marked in relation to the Mahomet Sole Source Aquifer in Central Illinois - Previously cleared at Tier 1 Target Area Level Review	
Wetland Protection			
X		IL DNR Clearance Letter confirming DCEO Housing Rehabilitation does not impact Wetlands - Previously cleared at Tier 1 Target Area Level Review	
Wild and Scenic Rivers Act			
X		USF&WS Wetlands Mapper search results with target area marked – Previously cleared at Tier 1 Target Area Level Review	
ENVIRONMENTAL JUSTICE			
Environmental Justice			
X		Completed US EPA EJSscreen documentation of project location – Also must reference on Tier 2 CEST the DNL Noise Level and any required mitigations.	

PROJECT SUMMARY FOR HOUSING PROJECTS

Describe the need for the proposed project covering the following key points:

(1) Identify the project area and explain how the area was selected.

Being the administrator of various housing rehabilitation programs and the Community Services Block Grant program (CSBG), Crosswalk has for the past multiple years received many inquiries for housing rehabilitation assistance from the residents of the City of Ava. The Mayor as well as council members have also received many request for this type of assistance. Previously, the only housing rehabilitation grant implemented within the City of Ava was an Illinois Housing Development Single Family Rehabilitation grant in 2015 for a total of three homes. This grant was administered by Crosswalk CAA. The need for assistance was great, however; the available funding was very limited. Crosswalk CAA has been accumulating surveys from interested income eligible homeowners to determine the extent of the need. To date, thirty-four (34) income eligible homeowners have completed surveys expressing their strong desire and need for this program for their home and their community. Based on the criteria that the project area can now be the overall low-to-moderate income and can be for the entire community if the data is within the required range, the entire community census information was reviewed. The low-to-moderate income percent of the entire community of the City of Ava is 37.88%. For the past several months, Crosswalk Community Action Agency staff and officials of the City of Ava have been gathering housing rehabilitation surveys from owner-occupied, income eligible residents in the community in need of housing rehabilitation. Those surveys were reviewed to determine if there was a specific area or if the entire community should be designated as the project area. The need for housing rehabilitation within Ava is a "shotgun" effect throughout the community. Only three homes have received housing rehabilitation assistance previously leaving many homes left unassisted and are now in desperate need of housing rehabilitation. A Public Hearing was then planned for August 5th at 6:00 pm. Signs were made and hung throughout the town, in local businesses and in City Hall announcing the public hearing. The hearing was held at the City Hall in Ava. Twelve homeowners attended with ten being income eligible owner occupied residents in need of housing rehabilitation services. The addresses of those eligible households in attendance were throughout the community. It was then determined that the project area for this grant application should be the entire area of the city limits of the City of Ava. During the public hearing, the homeowners expressed a strong concern for their housing stock and its need for immediate repairs. Of those in attendance that were eligible for the program, six were categorized at 80% income level, one was at 50% income level and three were at 30% income level. Many residents were also elderly and/or disabled. Based on the public hearing attendance and their surveys, it is anticipated that many of these residents will be prioritized and receive assistance. As development of adequate, affordable and accessible housing accommodations is one of the City's community development needs, this proposed project will have a major impact on the community by addressing those homes most in need, mostly occupied by seniors and those with either a physical or mental disability. Included in the attachments are surveys from income eligible, owner occupied homeowners interested in the proposed project that are in need of housing rehabilitation assistance and reside within the city limits of Ava.

The program is important to the town in its efforts to eliminate housing blight within the community. The housing rehabilitation program will be a direct benefit to clients with 100 percent of CDBG housing rehabilitation funds benefiting low-to-moderate income persons at no cost to the homeowner. Rental property will not be considered at this time. The City of Ava officials are dedicated to upgrading the needs of the entire community. In summary, this proposed project area will be the entire community of the City of Ava within the city limits based on the low-to-moderate income percent of households.

(2) *Describe the scope of any other activities planned or ongoing in the project area which will support the proposed project.*
The City of Ava along with Crosswalk Community Action Agency is searching for avenues to better the community. Through letter of support, Crosswalk Community Action Agency has expressed their willingness to participate. Crosswalk has recently received notice of funding for a Housing Preservation Grant funded through Rural Development. This grant is available for all counties served by Crosswalk of which Ava is included. These funds will be blended with the CDBG housing rehabilitation funds for the City of Ava in order to serve as many Ava residents as possible. If necessary, Rural Development is also able to provided low interest loans and grants to residents. CCAA can also provide assistance to Ava residents for ramps, small home repairs, mortgage payments and homeowner's insurance premiums. As past practice has proven, these funds will again be available to residents within Ava. A letter of support from CCAA is included that details the services that are expected to be provided to Ava residents through all of the programs administered by CCAA. Housing applicants are referred to all programs available through CCAA. All applicants receive a CCAA brochure detailing the services that are available.

(3) *Address other financing to be expended and the status of that financing.*
The City of Ava's housing rehabilitation project will be funded through this application proposal in the amount of \$450,000 all from the Community Development Block Grant Housing Rehabilitation Component for a total project cost of \$450,000. The City of Ava will continue to draw from outside sources for additional funding. When possible, the Housing Preservation Program (HPG) administered by Crosswalk Community Action Agency will be incorporate into the program for such items as roofs and electrical, as well as the emergency repair program administered by Crosswalk. While CCAA cannot guarantee assistance, past experience has proven that these funds can and will be incorporated. CCAA has included a letter of support acknowledging these services. CCAA makes a multitude of referrals to Rural Development 504 Loan program on a continuing basis. All of these outside funding sources together will further expand the funds available to this project.

SPECS BY LOCATION/TRADE

7/13/2021

Pre-Bid Site Visit: _____
Bidding Open Date: _____
Bidding Close Date: _____
Initial: _____

Case Number: Patricia Crontz
Project Manager: _____
Phone: _____

Address: 205 W Public Street Unit: Unit 01

Location: 1 - Living Room Approx. Wall SF: 0 Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
--------	------	----------	-------	------------	-------------

Trade: 10 Carpentry

2980 WINDOW--VINYL DBL HNG DBL GLZ 1.00 EA _____

Field measure, order and install a vinyl, double hung, double glazed, one-over-one window and jamb including screen, caulk, Replace any rotten framing or exterior trim before installing new window. Install aluminum trim wrap on exterior trim. West Window.

3185 DOOR--PREHUNG METAL ENTRANCE 1.00 EA _____

Dispose of door and frame. Install a prehung metal, insulated, half moon glass entrance door and jamb including interior and exterior casing, spring metal weatherstripping, interlocking threshold, one entrance and one mortised deadbolt keyed alike.

3210 STORM DOOR--ALUMINUM 1.00 EA _____

Install an aluminum combination storm and screen door with white baked enamel finish and top chain. Automatic closer
Screen and door sweep.

Location Total: _____

Location: 4 - Dining Room

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10	Carpentry				
4115	FLOOR-DECK, UNDERLAY, VINYL	1.00	SF		
Dispose of existing floor covering and underlayment. Repair subfloor and joists to level floor as close as possible with surrounding floor heights.. Install underlayment and vinyl sheet goods with a minimum of seams, metal edge strips in doorways and shoe base or quarter round around perimeter. Material allowance of \$13/sy. Awarded contractors available in stock choice of color and pattern.					

Location Total: _____

Location: 5 - Utility Room

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
--------	------	----------	-------	------------	-------------

Trade: 10 Carpentry

4115	FLOOR-DECK, UNDERLAY, VINYL	1.00	SF		
------	------------------------------------	------	----	--	--

Dispose of existing floor covering and underlayment. Repair subfloor and joists to level floor as close as possible with surrounding floor heights.. Install underlayment and vinyl sheet goods with a minimum of seams, metal edge strips in doorways and shoe base or quarter round around perimeter. Material allowance of \$13/sy. Awarded contractors available in stock choice of color and pattern.

Trade: 21 HVAC

6035.1	FURNACE-GAS REPLACE DUCT	1.00	EA		
--------	---------------------------------	------	----	--	--

Install a new UL Listed gas fired furnace with a efficiency rating of at least 92% and a BTU output that is sized to properly heat house. Furnace to have a 3 year manufacturers warranty. Install new ductwork insulated to a minimum of R-4. Make ductwork airtight including use of mastic to seal ductwork seams and connections for supply and return. Install a new thermostat. Each room to have at least one diffuser. Installation to include all materials, components and connections required to make system operate properly and safely in accordance with manufactures installation instructions and all applicable code requirements. This includes but not limited to, providing and installing gas lines, vent stacks safety devices and electrical connections.

6180	A/C CENTRAL UNIT	1.00	EA		
------	-------------------------	------	----	--	--

Install central A/C system w/ min SEER of 14 including condensing unit, A type coil, control & power wiring, insulated freon lines, plenums, ext pad & connections . Provide owner w/factory warranty, manual & 1-yr contractors warranty.

Trade: 23 Electric

7475	ELECTRIC SERVICE--200 AMP	1.00	EA		
------	----------------------------------	------	----	--	--

Dispose of old electric service to code legal dump. Install a 200 amp, main disconnect 110/220 volt 40 circuit panel board, meter socket weather head service cable and ground rod and cable. Caulk exterior service penetration.

8110	REWIRE TO CODE--PER ROOM	1.00	RM		
------	---------------------------------	------	----	--	--

Rewire unit to current National Electric Code including but not limited to: surface mount GFI in bathroom & kitchen; 15 amp grounded receptacles on all usable walls; switched lights in all halls, kitchens, bathrooms and furnace areas; hard wired smoke detectors in each bedroom and floor level. cover plates; counter receptacles; and circuits. Fish all wire and repair all tearout. Does not include service entrance. Replace and install Energy rated advanced lights throughout home. Fixtures shall be comparable to existing fixtures and/or fans if present. Compact florescent bulbs shall be installed in all fixtures.

Location Total: _____

Location: 6 - Bathroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
--------	------	----------	-------	------------	-------------

Trade: 10 Carpentry

2920 WINDOW REMOVE PATCH ENVELOPE 1.00 EA _____
 Remove package and dispose of all interior and exterior window components. Stud opening with 2"x4" framing insulate to R-13 and install an interior and exterior finish matching adjacent surfaces as close as possible.

4115 FLOOR-DECK, UNDERLAY, VINYL 1.00 SF _____
 Dispose of existing floor covering and underlayment. Repair subfloor and joists to level floor as close as possible with surrounding floor heights. Install underlayment and vinyl sheet goods with a minimum of seams, metal edge strips in doorways and shoe base or quarter round around perimeter. Material allowance of \$13/sy. Awarded contractors available in stock choice of color and pattern.

Trade: 22 Plumbing

6900 VANITY--24" COMPLETE 1.00 EA _____
 Install a 24" plywood vanity; including top with backsplash, wash bowl and single lever brass bodied chrome faucet with a maximum 1.5 GPM flow rate. Include PVC drain attached to a code legal plumbing vent, supply piping with brass bodied stops on all supply lines. Seal all penetration through the floor, walls and cabinet for plumbing connections

7010 COMMODOE--REPLACE-HANDICAP 1.00 EA _____
 Install a 2 piece, close coupled, white, vitreous china, commode with a maximum water usage per flush of 1.6 Gallons. Include plastic or pressed wood white seat, supply pipe, shut-off valve, flap valve and wax seal. Use 14" rough-in when replacing wall hung commode, and 12" rough-in to replace close coupled commode.

7085 WATER HEATER--40 GAL. ELECTRIC 1.00 EA _____
 Dispose of water heater in legal dump. Install a 40 gallon, low profile, high recovery, glass lined, insulated to R-7, double element, electric water heater with 6 year warranty. Include pressure and temperature relief valve, discharge tube shut-off valve and electric supply.

7190 WATER SUPPLY--1 BATH HOUSE 1.00 EA _____
 Bring all water supply from meter on, to IL, plumbing code. using copper or pex supply lines with 3/4" main, 1/2" fixture grouping trunk, and 3/8" individual supply lines to service one 3-piece bath, kitchen & laundry area. Installation shall be complete, code compliant, fully usable, and include shut-off valves.

7210 DRAIN/WASTE/VENT--1 BATH HSE 1.00 DU _____
 Bring all drain, waste and wet vent lines to IL plumbing code. schedule 40 PVC lines to service one 3-piece bath, kitchen and laundry area from the foundation perimeter to roof vent terminus.

Location Total: _____

Location: 7 - Kitchen

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10 Carpentry					
2980	WINDOW--VINYL DBL HNG DBL GLZ	1.00	EA		
Field measure, order and install a vinyl, double hung, double glazed, one-over-one window and jamb including screen, caulk, Replace any rotten framing or exterior trim before installing new window. Install aluminum trim wrap on exterior trim. East window.					
3185	DOOR--PREHUNG METAL ENTRANCE	1.00	EA		
Dispose of door and frame. Install a prehung metal, insulated, 9-light entrance door and jamb including interior and exterior casing, spring metal weatherstripping, interlocking threshold, one entrance and one mortised deadbolt keyed alike.					
3210	STORM DOOR--ALUMINUM	1.00	EA		
Install an aluminum combination storm and screen door with white baked enamel finish and top chain. Automatic closer Screen and door sweep.					
Trade: 23 Electric					
7900	HEATER--2' BASEBOARD	1.00	EA		
Install a high density 2' long, electric baseboard heater with an integral thermostat . Include an independent 20 amp circuit. Fish all wire and patch all tear out.					

Location Total: _____

Location: 8 - Exterior Approx. Wall SF: 0 Ceiling/Floor SF: 0

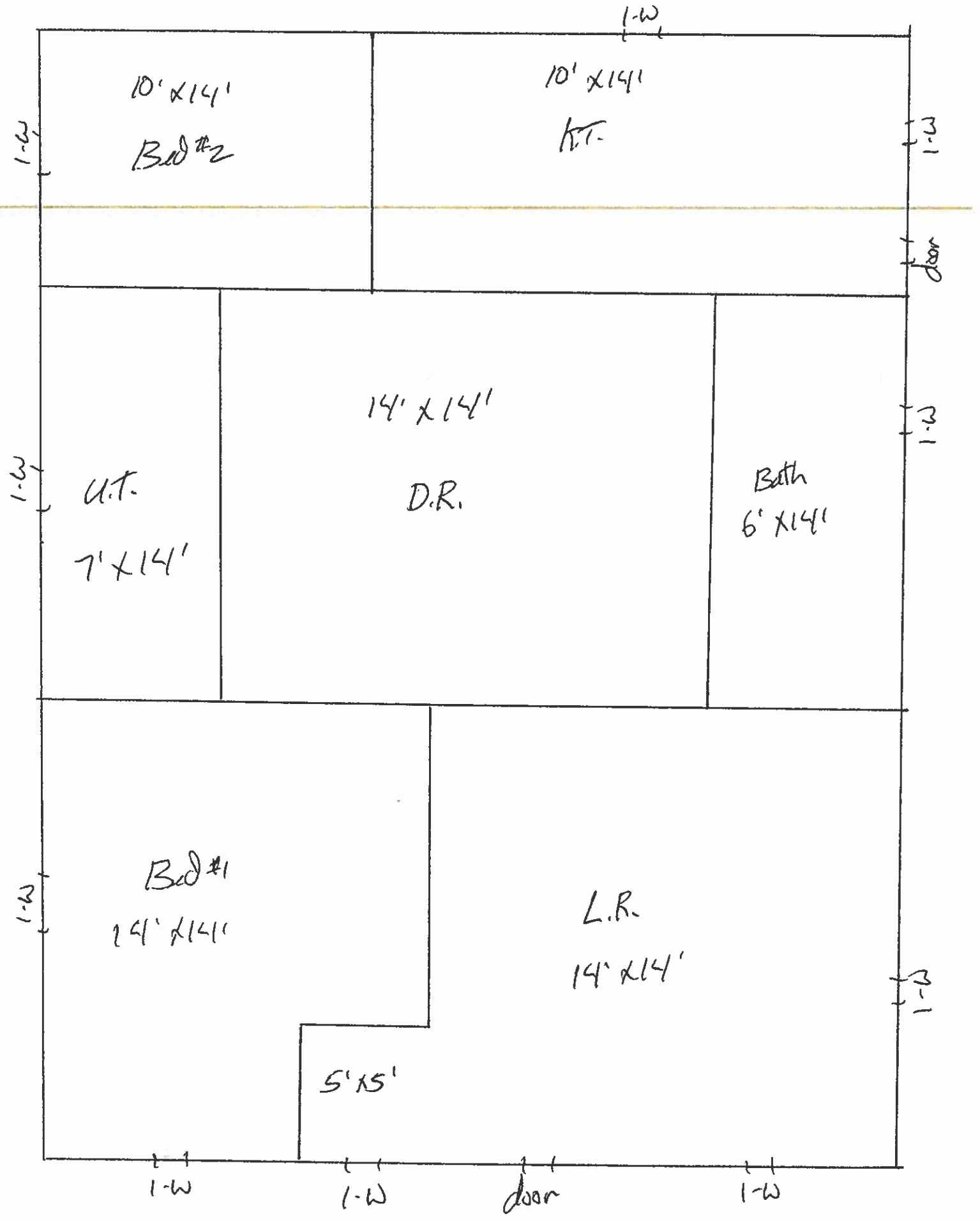
Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10 Carpentry					
2640	SIDING--VINYL	1.00	SQ		
Hang vinyl clapboard siding including all cornice, corner, door and window trim after replacing all deteriorated exterior building components. Apply awarded contractors available in-stock choice of siding color. Replace missing siding only.					
3520	PORCH HAND RAIL--2"X 4"	1.00	LF		
Install preservative treated 2"x 4" handrail supported by 4"x 4" treated posts, . Rail to be free from cracks, splinters, and rough edges. 2"x2" balusters to be 6" on center. Front porch and both sides of steps.					

Trade: 15 Roofing					
4580	TEAR OFF AND REROOF SHINGLES	1.00	SQ		
Remove and dispose of all roofing & defective sheathing. Replace damaged sheathing using pine board or OSB plywood of matching thickness. Staple 15 lb felt. Install preformed white aluminum, drip edge, and vent pipe boots. Install a 220 lb fiberglass asphalt, shingle with a 25 yr warranty. Replace all flashing.					
4635	GUTTER-- SEAMLESS ALUMINUM	1.00	LF		
Install a new fascia mounted aluminum gutter system at all eaves. Sizing of gutter system and location of downspouts to permit proper drainage and to meet manufacturers suggestions and building code requirements. New gutter system to have at least 27 guage seamless aluminum gutters downspouts leaders drops and accessories including a splash block at each downspout. Gutter system to have baked on enamel finish.					
4760	SOFFIT	1.00	LF		
Install white coil stock on all fascia boards and rake boards. Install white vinyl soffit panels. Install per manufacturers specifications. Provide any nailers and blocking. Front porch and all over hangs. Replace all damaged nose boards.					

Trade: 16 Conservation					
4928	ATTIC R-30	1.00	SF		
Prepare attic space by covering personal items installing firestop baffels at all lights and chimneys. Blow product that minimizes dust and inhalable fibers to create a uniform R-30.					

Trade: 24 Extermination					
8305	EXTERMINATE TERMITES	1.00	DU		
Exterminate for termites, injecting strongest legal insecticide down to footer ever 16". Drill and patch pavement where necessary to maintain interval. Exterminator must be licensed.					

Location Total: _____



Cost Estimate

Address: 205 W Public Street

Unit: Unit 01

Spec #	Spec	Qty	UoM	Unit Price	Total Price
Trade: 10 Carpentry					
2640	SIDING--VINYL	1.00	SQ	\$750.00	\$750.00
2920	WINDOW REMOVE PATCH ENVELOPE	1.00	EA	\$350.00	\$350.00
2980	WINDOW--VINYL DBL HNG DBL GLZ	2.00	EA	\$400.00	\$800.00
3185	DOOR--PREHUNG METAL ENTRANCE	2.00	EA	\$650.00	\$1,300.00
3210	STORM DOOR--ALUMINUM	2.00	EA	\$200.00	\$400.00
3520	PORCH HAND RAIL--2"X 4"	25.00	LF	\$24.00	\$600.00
4115	FLOOR--DECK, UNDERLAY, VINYL	378.00	SF	\$10.00	\$3,780.00

10 Carpentry Subtotal: \$7,980.00

Trade: 15 Roofing					
4580	TEAR OFF AND REROOF SHINGLES	20.00	SQ	\$400.00	\$8,000.00
4635	GUTTER-- SEAMLESS ALUMINUM	150.00	LF	\$5.50	\$825.00
4760	SOFFIT	250.00	LF	\$10.00	\$2,500.00

15 Roofing Subtotal: \$11,325.00

Trade: 16 Conservation					
4928	ATTIC R-30	1,000.00	SF	\$1.30	\$1,300.00

16 Conservation Subtotal: \$1,300.00

Trade: 21 HVAC					
3035.1	FURNACE--GAS REPLACE DUCT	1.00	EA	\$3,800.00	\$3,800.00
3180	A/C CENTRAL UNIT	1.00	EA	\$2,500.00	\$2,500.00

21 HVAC Subtotal: \$6,300.00

Trade: 22 Plumbing					
3900	VANITY--24" COMPLETE	1.00	EA	\$500.00	\$500.00
7010	COMMODE--REPLACE-HANDICAP	1.00	EA	\$275.00	\$275.00
7085	WATER HEATER--40 GAL. ELECTRIC	1.00	EA	\$750.00	\$750.00
7190	WATER SUPPLY--1 BATH HOUSE	1.00	EA	\$2,500.00	\$2,500.00
7210	DRAIN/WASTE/VENT--1 BATH HSE	1.00	DU	\$2,500.00	\$2,500.00

22 Plumbing Subtotal: \$6,525.00

Spec #	Spec	Qty	UoM	Unit Price	Total Price
Trade: 23 Electric					
7475	ELECTRIC SERVICE-200 AMP	1.00	EA	\$1,800.00	\$1,800.00
7900	HEATER-2' BASEBOARD	1.00	EA	\$310.00	\$310.00
3110	REWIRE TO CODE-PER ROOM	7.00	RM	\$900.00	\$6,300.00

23 Electric Subtotal: \$8,410.00

Trade: 24 Extermination					
3305	EXTERMINATE TERMITES	1.00	DU	\$850.00	\$850.00

24 Extermination Subtotal: \$850.00

Address: 205 W Public Street Unit: Unit 01 Total: \$42,690.00

Total: \$42,690.00

Contamination and Toxic Substances (Single Family Properties)

General requirements	Legislation	Regulations
It is HUD policy that all properties that are being proposed for use in HUD programs be free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances, where a hazard could affect the health and safety of the occupants or conflict with the intended utilization of the property.		24 CFR 58.5(i)(2) 24 CFR 50.3(i)
Reference		
https://www.hudexchange.info/programs/environmental-review/site-contamination		

- 1. Evaluate the site for contamination. Were any on-site or nearby toxic, hazardous, or radioactive substances found that could affect the health and safety of project occupants or conflict with the intended use of the property?**

Provide a map or other documentation of absence or presence of contamination¹ and explain evaluation of site contamination in the Worksheet below.

No

Explain:

There are no nearby toxic, hazardous, or radioactive substances in the location of the property to be rehabilitated. See attached EPA NPL listing for Illinois and the attached EPA enviromap with local facilities and reports.

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

Yes

→ *Describe the findings, including any recognized environmental conditions (RECs), in Worksheet Summary below. Continue to Question 2.*

¹ Utilize EPA's Enviromapper and state/tribal databases to identify nearby dumps, junk yards, landfills, hazardous waste sites, and industrial sites, including EPA National Priorities List Sites (Superfund sites), CERCLA or state-equivalent sites, RCRA Corrective Action sites with release(s) or suspected release(s) requiring clean-up action and/or further investigation. Additional supporting documentation may include other inspections and reports.

Check here if an ASTM Phase I Environmental Site Assessment (ESA) report was utilized. [Note: HUD regulations does not require an ASTM Phase I ESA report for single family homes]

2. Mitigation

Document the mitigation needed according to the requirements of the appropriate federal, state, tribal, or local oversight agency. If the adverse environmental mitigation cannot be mitigated, then HUD assistance may not be used for the project at this site.

Can adverse environmental impacts be mitigated?

Adverse environmental impacts cannot feasibly be mitigated

→ Project cannot proceed at this location.

Yes, adverse environmental impacts can be eliminated through mitigation.

→ *Provide all mitigation requirements² and documents. Continue to Question 3.*

3. Describe how compliance was achieved. Include any of the following that apply: State Voluntary Clean-up Program, a No Further Action letter, use of engineering controls³, or use of institutional controls⁴.

If a remediation plan or clean-up program was necessary, which standard does it follow?

² Mitigation requirements include all clean-up actions required by applicable federal, state, tribal, or local law. Additionally, provide, as applicable, the long-term operations and maintenance plan, Remedial Action Work Plan, and other equivalent documents.

³ Engineering controls are any physical mechanism used to contain or stabilize contamination or ensure the effectiveness of a remedial action. Engineering controls may include, without limitation, caps, covers, dikes, trenches, leachate collection systems, signs, fences, physical access controls, ground water monitoring systems and ground water containment systems including, without limitation, slurry walls and ground water pumping systems.

⁴ Institutional controls are mechanisms used to limit human activities at or near a contaminated site, or to ensure the effectiveness of the remedial action over time, when contaminants remain at a site at levels above the applicable remediation standard which would allow for unrestricted use of the property. Institutional controls may include structure, land, and natural resource use restrictions, well restriction areas, classification exception areas, deed notices, and declarations of environmental restrictions.

- Complete removal
- Risk-based corrective action (RBCA)
- Other

→ Continue to the Worksheet Summary.

Worksheet Summary

Compliance Determination

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

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

Based on the information gathered from the enviromapper for the project location at the NPL listing for the state of Illinois, no substances were located that could affect the health and safety of the residential occupants.

Are formal compliance steps or mitigation required?

- Yes
- No

Menu

Search EPA.gov

Related Topics: Envirofacts <<https://epa.gov/enviro>>

CONTACT US <<https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>>

Home <<https://enviro.epa.gov>> | Multisystem Search <<https://enviro.epa.gov/facts/multisystem.html>> | Topic Searches <<https://www.epa.gov/enviro/topic-searches>> | System Data Searches <<https://www.epa.gov/enviro/system-data-searches>> | About the Data <<https://www.epa.gov/enviro/about-data>> | Data Downloads <<https://www.epa.gov/enviro/data-downloads>> | Widgets <<https://www.epa.gov/enviro/widgets>> | Services <<https://www.epa.gov/enviro/web-services>> | Mobile <<https://www.epa.gov/enviro/uv-index-mobile-app>> | Other Datasets <<https://epa.gov/node/111331>>

BAKER BROTHERS II INC
103 HOWARD STREET
AVA, IL 62907

*You can navigate within the map with your mouse.

EPA Facility Information

This query was executed on JUL-26-2021

AES Information

Operating Status:	O	HPV Flag:	
Operating Status Description:	OPERATING	State Registration Number:	077005AAD
State County Compliance Source:	1707700002	Government Facility Code Description:	PRIVATELY OWNED/OPERATED
Region Code:	05	Class Code:	B
Primary SIC Code:	5171	Class Code Description:	POTENTIAL UNCONTROLLED EM
Primary SIC Description:	PETROLEUM BULK STATIONS &	Compliance Status:	C
NAICS Code:	424710	Compliance Status Description:	IN COMPLIANCE WITH PROCED
NAICS Code Description:	Petroleum Bulk Stations and Terminals	Data Plant Information Last Updated:	05/16/2014

Air Program Information

Air Program Code	Air Program Description	Air Program Status	Air Program Status Description	Air Program Subpart	Air Program Subpart Description	Class Code	Class Code Description	Compliance Status	Compliance Status Description
0	SIP	O	OPERATING			B	POTENTIAL UNCONTROLLED EM	C	IN COMPLIANCE WITH PROCED

Pollutant Data

Air Program Code	Pollutant Code / CAS Number	Pollutant / CAS Description	Attain Indicator	Attain Indicator Description	Pollutant Compliance Status	ES Pollutant Compliance Description	Pollutant Class Code	Pollutant Class Description
0	FACIL	FACILITY-WIDE PERMIT REQUIREMENTS			C	IN COMPLIANCE WITH PROCED		
0	VOC	VOLATILE ORGANIC COMPOUNDS	A	ATTAINMENT AREA FOR A GV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM

Compliance Monitoring System Plan

CMS Start Date	FY2008 CMS Indicator	FY2008 CMS Indicator Description	FY2009 CMS Indicator	FY2009 CMS Indicator Description

Plant Actions

Action Number	Key Action Numbers	Air Program Codes	National Action Type	National Action Description	Action Type	Action Description	Date Achieved	Penalty Amount	Results Code	Results Code Description	Pollutant Code	Regional Data Element	Regional Data Element 16
---------------	--------------------	-------------------	----------------------	-----------------------------	-------------	--------------------	---------------	----------------	--------------	--------------------------	----------------	-----------------------	--------------------------

00000

Additional Information can be obtained from Air Facility System [AFS](#) Search.

Integrated Compliance Information System (ICIS)

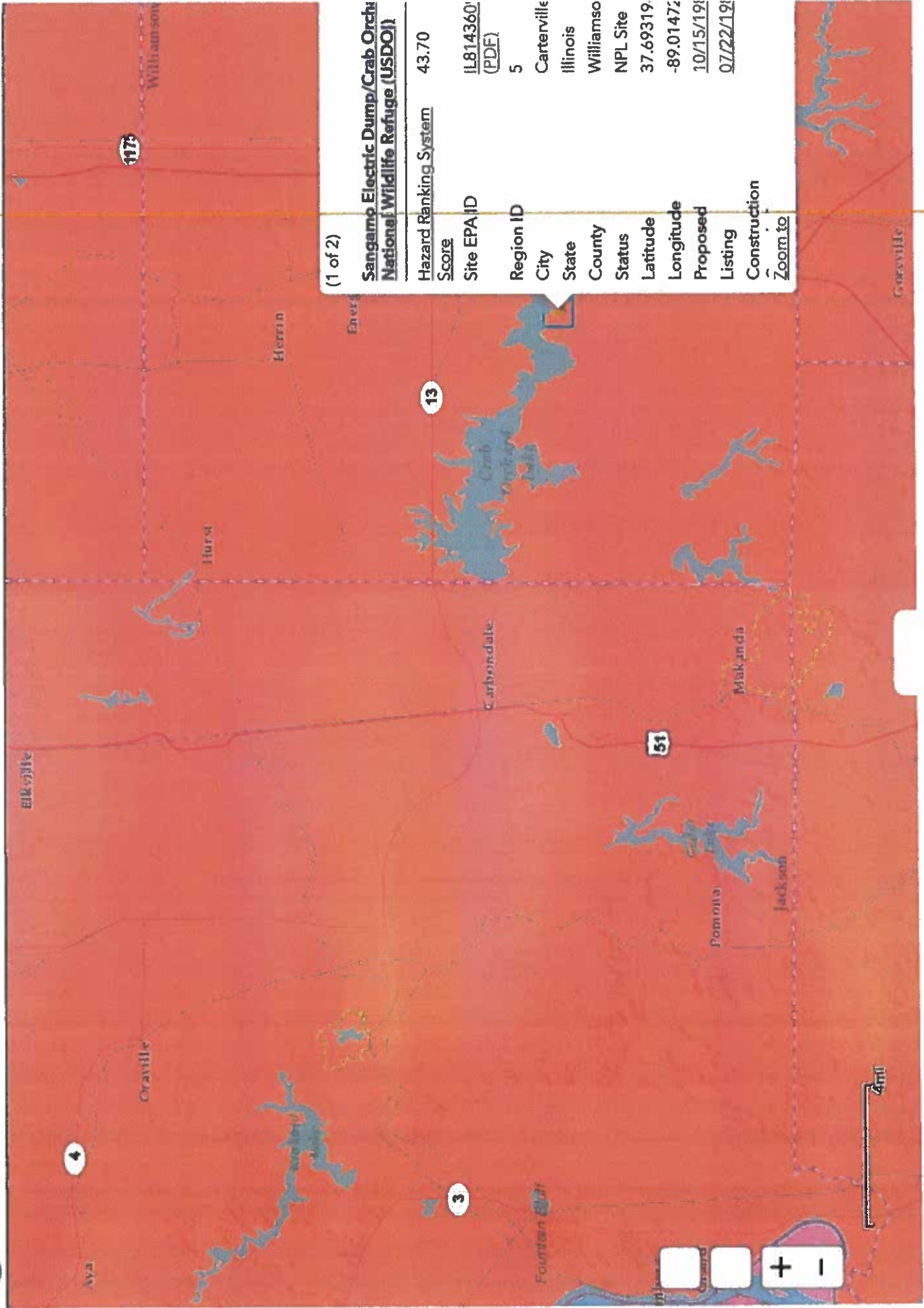
Facility

FACILITY NAME (1)	BAKER BROTHERS II, INC.	NPDES	ILR002355
STREET 1	CORNER OF HOWARD & WASHINGTON	SIC CODE	
CITY		MAJOR / MINOR	
COUNTY NAME	Jackson	TYPE OF OWNERSHIP	Privately Owned Facility
STATE	IL	ACTIVITY STATUS	Terminated
ZIP CODE	62907	INACTIVE DATE	
REGION	Region 5	TYPE OF PERMIT ISSUED	General Permit Covered Facility
LATITUDE	37.88882	ORIGINAL PERMIT ISSUE DATE	01-JUN-2003
LONGITUDE	-89.497037	PERMIT ISSUED DATE	01-MAY-2009
LAT/LON CODE OF ACCURACY	30	PERMIT EXPIRED DATE	30-APR-2014
LAT/LON METHOD			
LAT/LON SCALE		USGS HYDRO BASIN CODE	
LAT/LON DATUM		FLOW	
RECEIVING WATERS		FEDERAL GRANT IND	N
PRETREATMENT CODE		SLUDGE CLASS FAC IND	NON-POTW
MAILING NAME		SLUDGE RELATED PERMIT NUM	
MAILING STREET (1)		ANNUAL DRY SLUDGE PROD	
MAILING STREET (2)			
MAILING CITY			
MAILING STATE			
MAILING ZIP CODE			
COGNIZANT OFFICIAL	BAKER BROTHERS II, INC.	COGNIZANT OFFICIAL TEL	

Additional Information can be obtained from Water Discharge Permit Information [ICIS](#) Search.

Data Refresh Information

<<https://epa.gov/resources/echo-data/about-the-data-sources>>



(1 of 2)

Sangamo Electric Dump/Crab Orch National Wildlife Refuge (USDOI)

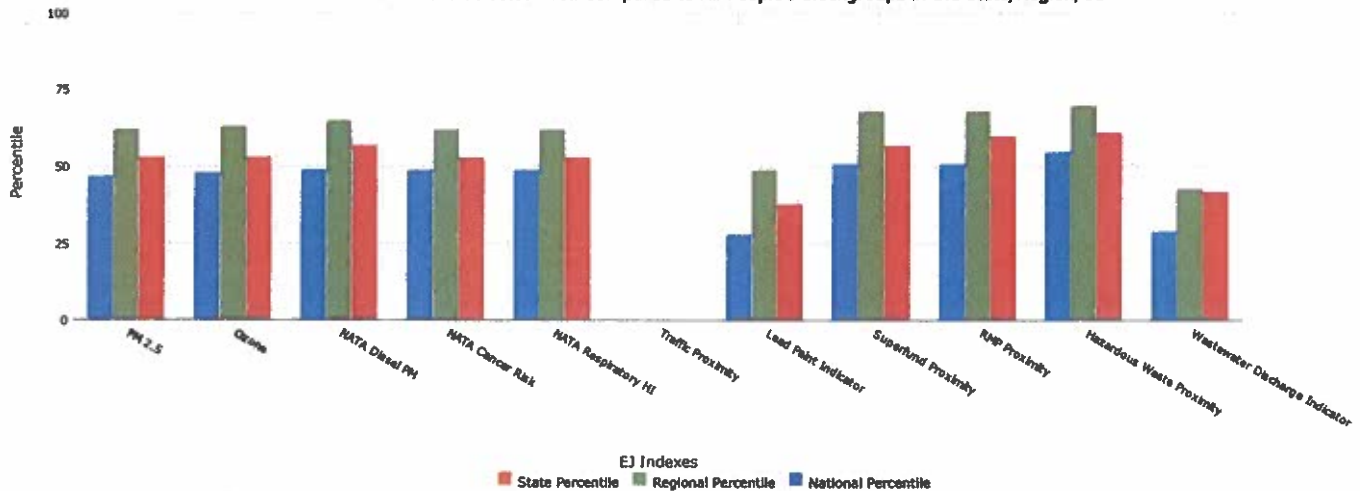
Hazard Ranking System	43.70
Score	
Site EPA ID	IL814360 (PDF)
Region ID	5
City	Cartersville
State	Illinois
County	Williamso
Status	NPL Site
Latitude	37.69319
Longitude	-89.01472
Proposed Listing	10/15/19
Construction	07/22/19
Zoom to	



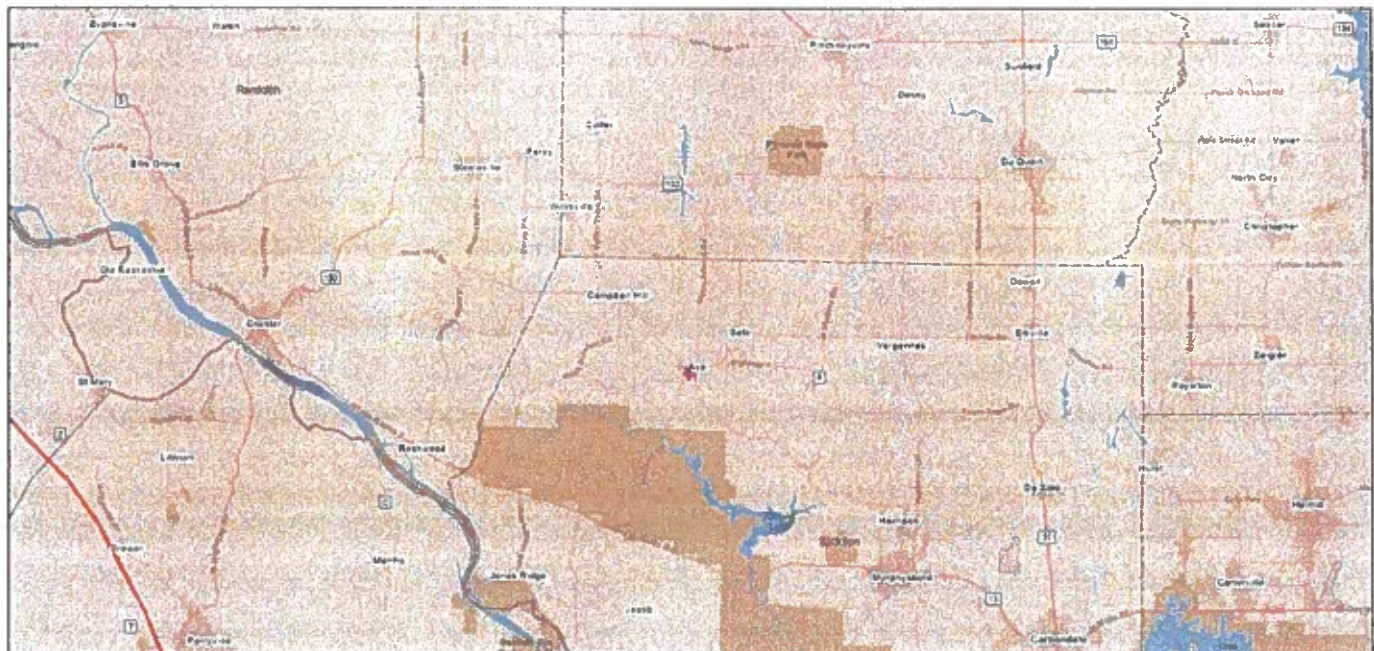
EJSCREEN Report (Version 2020)
1 mile Ring Centered at 37.885710, -89.497480
ILLINOIS, EPA Region 5
Approximate Population: 597
Input Area (sq. miles): 3.14

Selected Variables	Percentile in State	Percentile in EPA Region	Percentile in USA
EJ Indexes			
EJ Index for Particulate Matter (PM 2.5)	53	62	47
EJ Index for Ozone	53	63	48
EJ Index for NATA* Diesel PM	57	65	49
EJ Index for NATA* Air Toxics Cancer Risk	53	62	49
EJ Index for NATA* Respiratory Hazard Index	53	62	49
EJ Index for Traffic Proximity and Volume	N/A	N/A	N/A
EJ Index for Lead Paint Indicator	38	49	26
EJ Index for Superfund Proximity	57	68	51
EJ Index for RMP Proximity	60	68	51
EJ Index for Hazardous Waste Proximity	61	70	55
EJ Index for Wastewater Discharge Indicator	42	43	29

EJ Index for the Selected Area Compared to All People's Blockgroups in the State/Region/US



This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

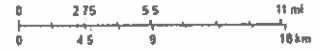




July 28, 2021

- ★ Project 1
- ★ Search Result (point)

1:288,895



Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, OpenStreetMap contributors, and the GIS User Community

Sites reporting to EPA

Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

Selected Variables	Value	State		EPA Region		USA	
		Avg.	%tile	Avg.	%tile	Avg.	%tile
Environmental Indicators							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$)	9.3	9.13	58	8.4	81	8.55	74
Ozone (ppb)	47	48.6	67	43.6	90	42.6	82
NATA* Diesel PM ($\mu\text{g}/\text{m}^3$)	0.223	0.87	8	0.448	<50th	0.478	<50th
NATA* Air Toxics Cancer Risk (risk per MM)	28	33	38	26	70-80th	32	<50th
NATA* Respiratory Hazard Index	0.35	0.42	32	0.34	80-70th	0.44	<50th
Traffic Proximity and Volume (daily traffic count/distance to road)	N/A	630	N/A	530	N/A	750	N/A
Lead Paint Indicator (% pre-1990s housing)	0.38	0.41	50	0.38	58	0.28	69
Superfund Proximity (site count/m distance)	0.022	0.096	9	0.13	11	0.13	19
RMP Proximity (facility count/m distance)	0.11	1.2	4	0.83	13	0.74	17
Hazardous Waste Proximity (facility count/m distance)	0.058	4.1	2	2.4	5	5	6
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	7.8E-05	6.4	38	2.4	43	9.4	52
Demographic Indicators							
Demographic Index	29%	34%	54	28%	66	36%	49
People of Color Population	15%	38%	31	25%	51	39%	30
Low Income Population	44%	29%	76	30%	78	33%	72
Linguistically Isolated Population	0%	5%	44	2%	59	4%	45
Population with Less Than High School Education	9%	11%	56	10%	60	13%	51
Population under Age 5	6%	6%	49	6%	49	6%	48
Population over Age 64	18%	15%	70	16%	68	15%	69

*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>.

For additional information, see: www.epa.gov/environmentaljustice (<http://www.epa.gov/environmentaljustice>)

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

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

Data is current as of May 31, 2018

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

* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m³) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016 (81 FR 58009)

Change the State:
 ILLINOIS CO

Important Notes

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
ILLINOIS								
Cook County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92939495969798990001020304	??	Severe 17	Whole	5,194,675	17031
Cook County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0405060708091011	08/13/2012	Moderate	Whole	5,194,675	17031
Cook County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12131415161718	??	Moderate	Whole	5,194,675	17031
Cook County	Lead (2008)	Chicago, IL	11121314151617	03/28/2013		Part	35,696	17031
Cook County	PM-10 (1987)	Southeast Chicago, IL	92939495969798990001020304	11/21/2005	Moderate	Part	3,117	17031
Cook County	PM-10 (1987)	Lyons Twp., IL	92939495969798990001020304	11/21/2005	Moderate	Part	111,688	17031
Cook County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0506070809101112	10/02/2013 *	Former Subpart 1	Whole	5,194,675	17031
Cook County	Sulfur Dioxide (2010)	Lemont, IL	131415161718	??		Part	21,113	17031
DuPage County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92939495969798990001020304	??	Severe 17	Whole	916,924	17043
DuPage County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0405060708091011	08/13/2012	Moderate	Whole	916,924	17043
DuPage County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12131415161718	??	Moderate	Whole	916,924	17043
DuPage County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0506070809101112	10/02/2013 *	Former Subpart 1	Whole	916,924	17043
Grundy County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92939495969798990001020304	??	Severe 17	Part	14,735	17063
Grundy County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0405060708091011	08/13/2012	Moderate	Part	20,519	17063
Grundy County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12131415161718	??	Moderate	Part	20,519	17063

County	NAAQS	Area Name	Nonattainment In Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
Grundy County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL	05 06 07 08 09 10 11 12	10/02/2013 *	Former Subpart 1	Part	20,519	17 063
Jersey County	1-Hour Ozone (1979) -NAAQS revoked	Jersey Co. IL	92 93 94	04/13/1995	Marginal	Whole	22,985	17 083
Jersey County	8-Hour Ozone (1997) -NAAQS revoked	St. Louis, MO-IL	04 05 06 07 08 09 10 11	06/12/2012	Moderate	Whole	22,985	17 083
Kane County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL	92 93 94 95 96 97 98 99 00 01 02 03 04	??	Severe 17	Whole	515,269	17 089
Kane County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL	04 05 06 07 08 09 10 11	08/13/2012	Moderate	Whole	515,269	17 089
Kane County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12 13 14 15 16 17 18	??	Moderate	Whole	515,269	17 089
Kane County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL	05 06 07 08 09 10 11 12	10/02/2013 *	Former Subpart 1	Whole	515,269	17 089
Kendall County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL	92 93 94 95 96 97 98 99 00 01 02 03 04	??	Severe 17	Part	30,355	17 093
Kendall County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL	04 05 06 07 08 09 10 11	08/13/2012	Moderate	Part	52,377	17 093
Kendall County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12 13 14 15 16 17 18	??	Moderate	Part	52,377	17 093
Kendall County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL	05 06 07 08 09 10 11 12	10/02/2013 *	Former Subpart 1	Part	52,377	17 093
LaSalle County	PM-10 (1987) 1-Hour Ozone (1979) -NAAQS revoked	Oglesby, IL	92 93 94 95	10/07/1996	Moderate	Part	3,862	17 099
Lake County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL	92 93 94 95 96 97 98 99 00 01 02 03 04	??	Severe 17	Whole	703,462	17 097
Lake County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL	04 05 06 07 08 09 10 11	08/13/2012	Moderate	Whole	703,462	17 097
Lake County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12 13 14 15 16 17 18	??	Moderate	Whole	703,462	17 097
Lake County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL	05 06 07 08 09 10 11 12	10/02/2013 *	Former Subpart 1	Whole	703,462	17 097
Madison County	1-Hour Ozone (1979) -NAAQS revoked	St. Louis, MO-IL	92 93 94 95 96 97 98 99 00 01 02	05/12/2003	Serious	Whole	269,282	17 119
Madison County	8-Hour Ozone (1997) -NAAQS revoked	St. Louis, MO-IL	04 05 06 07 08 09 10 11	06/12/2012	Moderate	Whole	269,282	17 119
Madison County	8-Hour Ozone (2008)	St. Louis-St. Charles-Farmington, MO-IL	12 13 14 15 16 17	03/01/2013 (Split)	Marginal	Whole	269,282	17 119

County	NAAQS	Area Name	Nonattainment In Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
Madison County	Lead (2008)	Granite City, IL	10 11 12 13 14 15 16 17	03/28/2018		Part	38,901	17/119
Madison County	PM-10 (1987)	Granite City, Nameoki Twp. IL	92 93 94 95 96 97	05/11/1998	Moderate	Part	35,652	17/119
Madison County	PM-2.5 (1997)	St. Louis, MO-IL	0506070809101112131415161718	//	Moderate	Whole	269,282	17/119
Madison County	Sulfur Dioxide (2010)	Alton Township, IL	16 17 18	//		Part	0	17/119
McHenry County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92 93 94 95 96 97 98 99 00 01 02 03 04	//	Severe 17	Whole	308,760	17/111
McHenry County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	04 05 06 07 08 09 10 11	08/13/2012	Moderate	Whole	308,760	17/111
McHenry County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12 13 14 15 16 17 18	//	Moderate	Whole	308,760	17/111
McHenry County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	05 06 07 08 09 10 11 12	10/02/2013 *	Former Subpart 1	Whole	308,760	17/111
Monroe County	1-Hour Ozone (1979) -NAAQS revoked	St. Louis, MO-IL	92 93 94 95 96 97 98 99 00 01 02	05/12/2003	Serious	Whole	32,957	17/133
Monroe County	8-Hour Ozone (1997) -NAAQS revoked	St. Louis, MO-IL	04 05 06 07 08 09 10 11	06/12/2012	Moderate	Whole	32,957	17/133
Monroe County	8-Hour Ozone (2008)	St. Louis-St. Charles-Farmington, MO-IL	12 13 14 15 16 17	03/01/2018 [Split]	Marginal	Whole	32,957	17/133
Monroe County	PM-2.5 (1997)	St. Louis, MO-IL	0506070809101112131415161718	//	Moderate	Whole	32,957	17/133
Peoria County	Sulfur Dioxide (1971)	Hollis Township, IL	92 93 94	06/05/1995		Part	2,032	17/143
Peoria County	Sulfur Dioxide (1971)	Peoria, IL	92 93 94	06/05/1995		Part	127,507	17/143
Peoria County	Sulfur Dioxide (2010)	Pekin, IL	13 14 15 16 17 18	//		Part	1,831	17/143
Randolph County	PM-2.5 (1997)	St. Louis, MO-IL	0506070809101112131415161718	//	Moderate	Part	1,453	17/157
St. Clair County	1-Hour Ozone (1979) -NAAQS revoked	St. Louis, MO-IL	92 93 94 95 96 97 98 99 00 01 02	05/12/2003	Serious	Whole	270,056	17/163
St. Clair County	8-Hour Ozone (1997) -NAAQS revoked	St. Louis, MO-IL	04 05 06 07 08 09 10 11	06/12/2012	Moderate	Whole	270,056	17/163
St. Clair County	8-Hour Ozone (2008)	St. Louis-St. Charles-Farmington, MO-IL	12 13 14 15 16 17	03/01/2018 [Split]	Marginal	Whole	270,056	17/163
St. Clair County	PM-2.5 (1997)	St. Louis, MO-IL	0506070809101112131415161718	//	Moderate	Whole	270,056	17/163
Tazewell County	Sulfur Dioxide (1971)	Groveland Township (Tazewell County), IL	92 93 94	06/05/1995		Part	22,991	17/179
Tazewell County	Sulfur Dioxide (2010)	Pekin, IL	13 14 15 16 17 18	//		Part	39,313	17/179

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
Will County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL	92939495969798990001020304	//	Severe 17	Whole	677,560	17 197
Will County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL	0405060708091011	08-13-2012	Moderate	Whole	677,560	17 197
Will County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12131415161718	//	Moderate	Whole	677,560	17 197
Will County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL	0506070809101112	10-02-2013 *	Former Subpart 1	Whole	677,560	17 197
Will County	Sulfur Dioxide (2010)	Lemont, IL	131415161718	//		Part	147,803	17 197
Williamson County	Sulfur Dioxide (2010)	Williamson County, IL	161718	//		Whole	66,357	17 199



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
www.dnr.illinois.gov

Mailing Address: 1 Old State Capitol Plaza, Springfield, IL 62701

JB Pritzker, Governor
Colleen Callahan, Director

Jackson County

Ava

Rehabilitation

108 E. Main St., 202 N. 2nd St., 301 E. Davis St., 101 W. Washington St., 104 W. Knauer St., 104 N. Howard St., 102 S. 4th St., 717 W. George St., 212 S. Russell St., 205 W. Public St., 305 N. 5th St.
SHPO Log #010061421

June 22, 2021

Jacob Wach

Crosswalk Community Action Agency
410 W. Main St.
West Frankfort, IL 62896

Dear Mr. Wach:

We have reviewed the documentation submitted for the referenced project in accordance with 36 CFR Part 800.4. Based upon the information provided, no historic properties are affected. We, therefore, have no objection to the undertaking proceeding as planned.

Please retain this letter in your files as evidence of compliance with section 106 of the National Historic Preservation Act of 1966, as amended. This clearance remains in effect for two years from date of issuance. It does not pertain to any discovery during construction, nor is it a clearance for purposes of the Illinois Human Skeletal Remains Protection Act (20 ILCS 3440).

If you have any further questions, please call 217/782-4836.

Sincerely,

Robert F. Appleman
Deputy State Historic
Preservation Officer

When to Consult with Tribes Under Section 106

Section 106 requires consultation with federally-recognized Indian tribes when a project may affect a historic property or religious and cultural significance to the tribe. Historic properties of religious and cultural significance include: archaeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places, traditional cultural landscapes, plant and animal communities, and buildings and structures with significant tribal association. The types of activities that may affect historic properties of religious and cultural significance include: ground disturbance (digging), new construction in underdeveloped natural areas, introduction of incongruent visual, audible, or atmospheric changes, work on a building with significant tribal association, and transfer, lease or sale of properties of the types listed above.

If a project includes any of the types of activities below, invite tribes to consult.

- Significant ground disturbance (digging)**
Examples: new sewer lines, utility lines (above and below ground), foundations, footings, grading, access roads
- New construction in undeveloped natural areas**
Examples: industrial-scale energy facilities, transmission lines, pipelines, or new recreational facilities, in undeveloped natural areas like mountaintops, canyons, islands, forests, native grasslands, etc., and housing, commercial, and industrial facilities in such areas.
- Incongruent visual changes**
Examples: construction of a focal point that is out of character with the surrounding natural area, impairment of the vista or viewshed from an observation point in the natural landscape, or impairment of the recognized historic scenic qualities of an area.
- Incongruent audible changes**
Example: increase in noise levels above an acceptable standard in areas known for their quiet contemplative experience.
- Incongruent atmospheric changes**
Example: introduction of lights that create skyglow in an area with a dark night sky.
- Work on a building with significant tribal association**
Examples: rehabilitation, demolition or removal of a surviving ancient tribal structure or village, or a building or structure that there is a reason to believe was the location of a significant tribal event, home of an important person, or that served as a tribal school or community hall.
- Transfer, lease or sale of a historic property of religious and cultural significance**
Examples: transfer, lease or sale of properties that contain archaeological sites, burial grounds, sacred landscapes or features, ceremonial areas, plant and animal communities, or buildings and structures within significant tribal association.
- None of the above apply**

Project: City of Ava, 19-243001 (Community Name/Grant #s)

Reviewed By: Jacob Wach, Housing Specialist, Crosswalk CAA (Printed Name, Title)

Signature: Jacob Wach Date: 07/26/2021

Noise (CEST Level Reviews)

General requirements	Legislation	Regulation
HUD's noise regulations protect residential properties from excessive noise exposure. HUD encourages mitigation as appropriate.	Noise Control Act of 1972 General Services Administration Federal Management Circular 75-2: "Compatible Land Uses at Federal Airfields"	Title 24 CFR 51 Subpart B
References		
https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control		

1. What activities does your project involve? Check all that apply:

- New construction for residential use

NOTE: HUD assistance to new construction projects is generally prohibited if they are located in an Unacceptable zone, and HUD discourages assistance for new construction projects in Normally Unacceptable zones. See 24 CFR 51.101(a)(3) for further details.

→ Continue to Question 4.

- Rehabilitation of an existing residential property

NOTE: For modernization projects in all noise zones, HUD encourages mitigation to reduce levels to acceptable compliance standards. See 24 CFR 51 Subpart B for further details.

→ Continue to Question 2.

- A research demonstration project which does not result in new construction or reconstruction, interstate, land sales registration, or any timely emergency assistance under disaster assistance provisions or appropriations which are provided to save lives, protect property, protect public health and safety, remove debris and wreckage, or assistance that has the effect of restoring facilities substantially as they existed prior to the disaster

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

- None of the above

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

2. Do you have standardized noise attenuation measures that apply to all modernization and/or minor rehabilitation projects, such as the use of double glazed windows or extra insulation?

Yes

Indicate the type of measures that will apply (check all that apply):

- Improved building envelope components (better windows and doors, strengthened sheathing, insulation, sealed gaps, etc.)
- Redesigned building envelope (more durable or substantial materials, increased air gap, resilient channels, staggered wall studs, etc.)
- Other

Explain:

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below and provide any supporting documentation.

No

→ Continue to Question 3.

3. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport).

Describe findings of the Preliminary Screening:

The site is 900' from any major road, 14 miles from the nearest rail, and 15 miles away from the nearest municipal airport. The major road, rail, and airport are noise generators within the threshold distance described by HUD. However, none of them generate enough noise on the HUD DNL Calculator to rise to 65 decibels.

→ Continue to Question 6.

4. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport).

Indicate the findings of the Preliminary Screening below:

- There are no noise generators found within the threshold distances above.

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing the location of the project relative to any noise generators.

Noise generators were found within the threshold distances.

→ Continue to Question 5.

5. Complete the Noise Assessment Guidelines to quantify the noise exposure. Indicate the findings of the Noise Assessment below:

Acceptable: (65 decibels or less; the ceiling may be shifted to 70 decibels in circumstances described in §24 CFR 51.105(a))

Indicate noise level here:

47

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide noise analysis, including noise level and data used to complete the analysis.

Normally Unacceptable: (Above 65 decibels but not exceeding 75 decibels; the floor may be shifted to 70 decibels in circumstances described in 24 CFR 51.105(a))

Indicate noise level here:

Is the project in a largely undeveloped area¹?

No

→Your project requires completion of an Environmental Assessment (EA) pursuant to 51.104(b)(1)(i). Elevate this review to an EA-level review.

Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

Yes

→Your project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). Elevate this review to an EIS-level review.

Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

¹ A largely undeveloped area means the area within 2 miles of the project site is less than 50 percent developed with urban uses and does not have water and sewer capacity to serve the project.

Unacceptable: (Above 75 decibels)

Indicate noise level here:

Your project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). You may either complete an EIS or provide a waiver signed by the appropriate authority. Indicate your choice:

Convert to an EIS

→ Provide noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

Provide waiver

→ Provide an Environmental Impact Statement waiver from the Certifying Officer or the Assistant Secretary for Community Planning and Development per 24 CFR 51.104(b)(2) and noise analysis, including noise level and data used to complete the analysis.

Continue to Question 6.

6. HUD strongly encourages mitigation be used to eliminate adverse noise impacts. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation. This information will be automatically included in the Mitigation summary for the environmental review.

Mitigation as follows will be implemented:

→ Provide drawings, specifications, and other materials as needed to describe the project's noise mitigation measures.

Continue to the Worksheet Summary.

No mitigation is necessary.

Explain why mitigation will not be made here:

The rail, and airport are noise generators within the threshold distance described by HUD. However, none of them generate enough noise on the HUD DNL Calculator to rise to 65 decibels.

→ Continue to the Worksheet Summary.

Worksheet Summary

Compliance Determination

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

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

Completed HUD DNL Calculator on 07/26/2021
Used Google Maps to calculate distance
Consulted with Ava city hall and residents to obtain traffic count numbers
Used AIRNAV.com to get flight information

Are formal compliance steps or mitigation required?

Yes

No

[Home \(/\)](#) > [Programs \(/programs/\)](/programs/) > [Environmental Review \(/programs/environmental-review/\)](/programs/environmental-review/) > DNL Calculator

DNL Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the [Day/Night Noise Level Calculator Electronic Assessment Tool Overview \(/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/\)](/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/).

Guidelines

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

DNL Calculator

Site ID

205 W. Public St.

Record Date

07 / 26 / 2021

User's Name

J Wach

Road # 1 Name:

Rt. 4

Vehicle Type **Cars** **Medium Trucks** **Heavy Trucks**

Effective Distance	500	500	500
Distance to Stop Sign	500	500	500
Average Speed	35	35	35
Average Daily Trips (ADT)	300	75	40
Night Fraction of ADT	15	15	15
Road Gradient (%)			0
Vehicle DNL	33	37	46
Calculate Road #1 DNL	47	Reset	

Add Road Source **Add Rail Source**

Airport Noise Level

Loud Impulse Sounds? Yes No

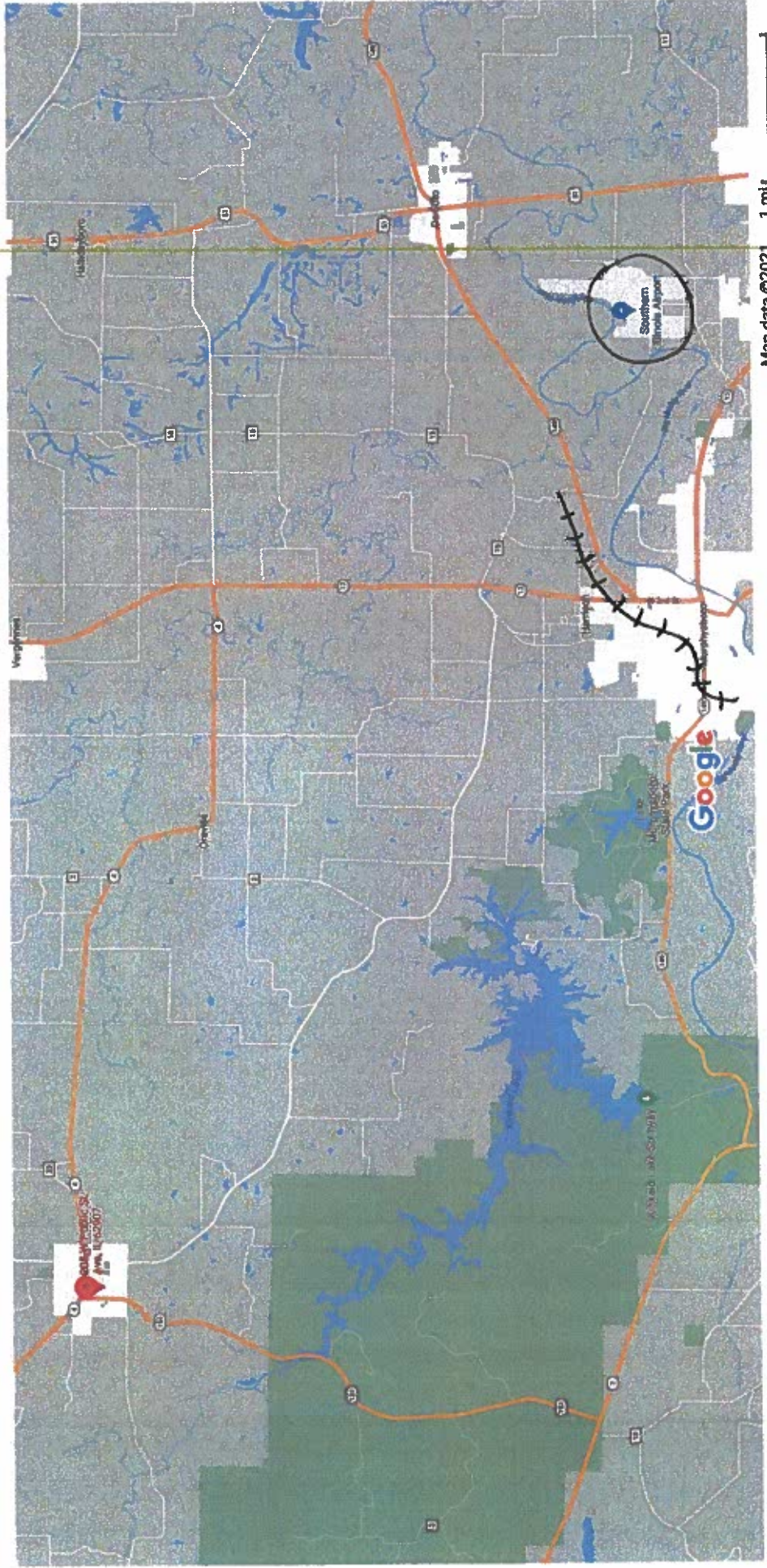
Combined DNL for all Road and Rail sources **47**

Combined DNL including Airport **N/A**

Site DNL with Loud Impulse Sound

Calculate **Reset**

Google Maps 205 W Public St



Map data ©2021 1 mi