



Illinois
Department of Commerce
& Economic Opportunity
OFFICE OF COMMUNITY DEVELOPMENT
JB Pritzker, Governor

April 14, 2021

Honorable Keith Violet
Village President
Village of Pittsburg
P.O. Box 9
Pittsburg, IL 62974-0009

FILE COPY

Re: Pending State CDBG Public Infrastructure Grant #19-242023 for \$500,000.00 in State CDBG funds, and \$138,240.00 in Village of Pittsburg funds, to construct the replacement of approximately 22,050 linear feet of water main along Old Frankfort and Fowler School Roads in a portion of unincorporated northeastern Williamson County, IL.

Dear Honorable Violet:

This is to inform you that the above-referenced Grantee has satisfied the special Grant condition regarding environmental record review (ERR) requirements identified in the NOSAF letter you previously received for the above-referenced pending Grant.

All conditions regarding compliance with 24 CFR 58 have been met. Project construction costs not funded by the above-referenced grant may be incurred as of the date of this letter.

CDBG-funded project costs may be incurred only after satisfying all other special Grant conditions that were listed in the NOSAF letter. Once all other special Grant conditions are satisfied, the Department will issue a Notice of State Award (NOSA) for your acceptance, followed by a Grant Agreement for your signature and execution by the State. After Grant Agreement execution, your community will then be able to draw CDBG Grant funds.

If you have any questions, please contact Mr. Kirk Kumerow at (217) 558-4106.

Sincerely,

A handwritten signature in cursive script that reads "Wendy Bell".

Wendy Bell, Deputy Director
Office of Community Development

cc: Celeste Sollers

DETERMINATION OF LEVEL OF CDBG ENVIRONMENTAL REVIEW

PART A

RECEIVED MAR 2 9 2021

Grantee/Applicant Community: Village of Pittsburg Grant # or Program Year: 19-242023

Project Name: Public Infrastructure Pittsburg Water District

Project Location (City, State): Pittsburg, IL

Project Description

The project will consist of the replacement of 22,050' of 8" asbestos cement water main with roughly 10,140' of 8" PVC CL 200 water main trenched, 10,290' of 4" PVC CL 200 water main trenched, 1,300' of 8" CL 200 directional bored water main, 320' of 4" CL 200 directional bored water main, twelve pressure tapped water main interconnections, nine gate valves, five flush hydrants and 88 new copper setters with dual check valves within the Pittsburg Water District.

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)(1)(3)(5)(6)
*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):



Name, Title, Organization:

Celeste Sollers, Administrator, Pittsburg

Date:

3/5/2021

CDBG Environmental Workflow Process (For Grantee Use)

Type of Project: **(P)** EPI, ED, DF, HR (circle one)

Grantee Name VILLAGE OF PITTSBURG

Grant #1 19-242023

Grant #2

ERR Prepared By: Celeste Sollers Williamson County
(Printed Name) (Organization)

Signature:  3/29/2021
(Signature) (Date)

PROCESS/REQUIRED DOCUMENTATION

<input checked="" type="checkbox"/>	HUD LEVEL OF REVIEW INDICATED (<i>may be more than one depending on Grant/Leverage fund activities</i>) and associated Finding form		
<input checked="" type="checkbox"/>	Determination of Level of Environmental Review form		
	Exempt per 24 CFR 58.34(a) () () () () ()		
	Categorically Excluded per 58.35 () () () () ()		
<input checked="" type="checkbox"/>	Environmental Assessment		
<input checked="" type="checkbox"/>	DCEO / HUD CERTIFICATION FORMS		Date
	Signature Date of CDBG Environmental Workflow Process sheet		3/29/2021
	Signature Date of Environmental Review for Activity/Project that is Exempt or Categorically Excluded (Not Subject to 58.5)		
	Signature Date of Environmental Review for Activity/Project that is Categorically Excluded (Subject to 58.5)		
	Does this review convert to Exempt? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate date		
<input checked="" type="checkbox"/>	Signature Date of Environmental Assessment – Determinations and Compliance Findings for HUD-assisted Projects		3/09/2021
	NOTE: All boxes and fields on all eight pages must be completed. Omissions may require re-publication.		
<input checked="" type="checkbox"/>	EIGHT STEP FLOOD PLAIN (FP) and/or Wetlands (WL) REVIEW LOCAL COMMENT PERIODS		Date
	<i>Required if FEMA FIRMette Indicates 100-Year Flood Plain in Project Area and not protected by an accredited levee system or flood wall and/or USF&WS Wetlands Inventory shows wetlands in project site. Must be completed prior to signature of either Categorical Exclusion or Environmental Assessment</i>		
<input checked="" type="checkbox"/>	Date of FP and/or WL Early Warning Publications	Floodplain Wetland	10/15/2020 2/06/2021
<input checked="" type="checkbox"/>	Publisher's Certifications		
<input checked="" type="checkbox"/>	Local Comment Periods (<i>Starts one day after date of publication; lasts 15 full days</i>)		
	Start Date	End Date	Floodplain Wetland
	10/16/2020 2/07/2021	11/02/2020 2/21/2021	
	THEN AT LEAST ONE FULL DAY AFTER END OF FLOOD PLAIN (FP) and/or Wetlands (WL) EARLY WARNING COMMENT PERIOD		Date
<input checked="" type="checkbox"/>	Date of FP and/or WL Findings Publications	Floodplain Wetland	11/19/2020 2/25/2021
<input checked="" type="checkbox"/>	Publisher's Certifications		
<input checked="" type="checkbox"/>	Local Comment Periods (<i>Starts one day after date of publication; lasts 7 full days</i>)		
	Start Date	End Date	Floodplain Wetland
	11/20/2020 2/26/2021	11/27/2020 3/05/2021	
<input checked="" type="checkbox"/>	LOCAL AND STATE PUBLIC COMMENT PERIODS		Date
	<i>For Categorical Exclusion (Subject to 58.5) not converting to Exempt.</i>		
	NOI/RROF Publication/Posting (<i>Must be at least 1 day later than CE (Subject to 58.5) Signature Date above</i>)		
	Publisher's/Posting Certification		
	Local Comment Period Start Date (<i>At least one day after date of publication/posting</i>)		
	Local Comment Period End Date (<i>Count 7 full days for publication, 10 full days for posting</i>)		
	<i>For Environmental Assessment</i>		
<input checked="" type="checkbox"/>	FONSI NOI/RROF Publication/Posting (<i>Must be at least 1 day later than EA Signature Date above</i>)		3/11/2021
<input checked="" type="checkbox"/>	Publisher's/Posting Certification		
	Local Comment Period Start Date (<i>At least one day after date of publication/posting</i>)		3/12/2021
	Local Comment Period End Date (<i>Count 15 full days for publication, 18 full days for posting</i>)		3/27/2021
	Does Publication/Posting Reference Presidential-Declared Disaster/Combined Comment Period and that Funding is for Disaster Recovery Activities? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, Local/State Public Comment Period may be combined.</i>		
	DATE OF RROF (i.e., 7015.15) Signature (<i>must be at least one day after last day of local comment period</i>)		3/29/2021
	NOTE: The (up to four) State Environmental Agency Clearance Letters are listed on the "Compliance Documentation Checklist for Categorically Excluded (subject to 58.5) or Environmental Assessment (EA)"		
	Please scan and email color version of completed ERR to DCEO CDBG ERO. You may mail a colored COPY – Originals will not be returned.		

Request for Release of Funds and Certification

RECEIVED MAR 29 2021

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

OMB No. 2506-0087
(exp. 08/31/2023)

This form is to be used by Responsible Entities and Recipients (as defined in 24 CFR 58.2) when requesting the release of funds, and requesting the authority to use such funds, for HUD programs identified by statutes that provide for the assumption of the environmental review responsibility by units of general local government and States. Public reporting burden for this collection of information is estimated to average 36 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless that collection displays a valid OMB control number.

Part 1. Program Description and Request for Release of Funds (to be completed by Responsible Entity)

1. Program Title(s) State CDBG		2. HUD/State Identification Number 19-242023	3. Recipient Identification Number (optional)
4. OMB Catalog Number(s)		5. Name and address of responsible entity Village of Pittsburg 302 Avery Avenue, P.O. Box 9 Pittsburg, IL 62974	
6. For information about this request, contact (name & phone number) Celeste Sollers, 618-889-6545		7. Name and address of recipient (if different than responsible entity)	
8. HUD or State Agency and office unit to receive request State of Illinois Dept of Commerce & Economic Opportunity 500 E Monroe, 2nd Floor Springfield, IL 62701			
The recipient(s) of assistance under the program(s) listed above requests the release of funds and removal of environmental grant conditions governing the use of the assistance for the following			
9. Program Activity(ies)/Project Name(s) Proposed Water System Improvements		10. Location (Street address, city, county, State) Williamson County, Illinois Lake Creek Township, T.8S-R.3E Sections 19, 20, 29, 30, 31, 32 & 33	

11. Program Activity/Project Description

The project will consist of the replacement of 22,050' of 8" asbestos cement water main with roughly 10,140' of 8" PVC CL 200 water main trenched, 10,290' of 4" PVC CL 200 water main trenched, 1,300' of 8" CL200 directional bored water main, 320' of 4" CL200 directional bored water main, twelve pressure tapped water main connections, nine gate valves, five flush hydrants and 88 new copper setters with dual check valves. Construction is estimated to start in 4/2021, and is estimated to be conclude in 3/2022. Project will use \$500,000 in State CDBG funds, and \$138,240 in Village of Pittsburg funds.

Part 2. Environmental Certification (to be completed by responsible entity)

With reference to the above Program Activity(ies)/Project(s), I, the undersigned officer of the responsible entity, certify that:

1. The responsible entity has fully carried out its responsibilities for environmental review, decision-making and action pertaining to the project(s) named above.
2. The responsible entity has assumed responsibility for and complied with and will continue to comply with, the National Environmental Policy Act of 1969, as amended, and the environmental procedures, permit requirements and statutory obligations of the laws cited in 24 CFR 58.5; and also agrees to comply with the authorities in 24 CFR 58.6 and applicable State and local laws.
3. The responsible entity has assumed responsibility for and complied with and will continue to comply with Section 106 of the National Historic Preservation Act, and its implementing regulations 36 CFR 800, including consultation with the State Historic Preservation Officer, Indian tribes and Native Hawaiian organizations, and the public.
4. After considering the type and degree of environmental effects identified by the environmental review completed for the proposed project described in Part 1 of this request, I have found that the proposal did did not require the preparation and dissemination of an environmental impact statement.
5. The responsible entity has disseminated and/or published in the manner prescribed by 24 CFR 58.43 and 58.55 a notice to the public in accordance with 24 CFR 58.70 and as evidenced by the attached copy (copies) or evidence of posting and mailing procedure.
6. The dates for all statutory and regulatory time periods for review, comment or other action are in compliance with procedures and requirements of 24 CFR Part 58.
7. In accordance with 24 CFR 58.71(b), the responsible entity will advise the recipient (if different from the responsible entity) of any special environmental conditions that must be adhered to in carrying out the project.

As the duly designated certifying official of the responsible entity, I also certify that:

8. I am authorized to and do consent to assume the status of Federal official under the National Environmental Policy Act of 1969 and each provision of law designated in the 24 CFR 58.5 list of NEPA-related authorities insofar as the provisions of these laws apply to the HUD responsibilities for environmental review, decision-making and action that have been assumed by the responsible entity.
9. I am authorized to and do accept, on behalf of the recipient personally, the jurisdiction of the Federal courts for the enforcement of all these responsibilities, in my capacity as certifying officer of the responsible entity.

Signature of Certifying Officer of the Responsible Entity

Title of Certifying Officer

Mayor

Date signed

3/29/2021

Address of Certifying Officer

302 Avery Avenue, Pittsburg, IL 62974

Part 3. To be completed when the Recipient is not the Responsible Entity

The recipient requests the release of funds for the programs and activities identified in Part 1 and agrees to abide by the special conditions, procedures and requirements of the environmental review and to advise the responsible entity of any proposed change in the scope of the project or any change in environmental conditions in accordance with 24 CFR 58.71(b).

Signature of Authorized Officer of the Recipient

Title of Authorized Officer

Date signed

X

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

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**NOTICE OF FINDING OF NO SIGNIFICANT
IMPACT AND
NOTICE OF INTENT TO REQUEST RELEASE
OF FUNDS**

March 11, 2021

Village of Pittsburg
P.O. Box 9
Pittsburg, IL 62974
618-993-8260

These notices shall satisfy two separate but related procedural requirements for activities to be undertaken by the Village of Pittsburg.

REQUEST FOR RELEASE OF FUNDS

On or about March 29, 2021 the Village of Pittsburg will submit a request to the Department of Commerce and Economic Opportunity for the release of CDBG Public Infrastructure funds under Title 1 of the Housing and Community Development Act of 1974, as amended, to undertake a project known as Pittsburg Water District #1 improvements for the purpose of water main replacements in the existing water system located in rural Williamson County, Lake Creek Township, in the amount of \$638,540.

FINDING OF NO SIGNIFICANT IMPACT

The Village of Pittsburg has determined that the project will have no significant impact on the human environment. Therefore, an Environmental Impact Statement under the National Environmental Policy Act of 1969 (NEPA) is not required. Additional project information is contained in the Environmental Review Record (ERR) on file at the Williamson County Economic Development Office, 407 N Monroe Street, Marion, IL and may be examined or copied weekdays 9:00 A.M. to 4:00 P.M.

PUBLIC COMMENTS

Any individual, group, or agency may submit written comments on the ERR to the Williamson County Economic Development Office, 407 N Monroe Street, Marion, IL 62969. All comments received by March 28, 2021 will be considered by the Village of Pittsburg prior to authorizing submission of a request for release of funds. Comments should specify which Notice they are addressing.

ENVIRONMENTAL CERTIFICATION

The Village of Pittsburg certifies to ILDECO that Keith Violetti in his capacity as Mayor consents to accept the jurisdiction of the Federal Courts if an action is brought to enforce responsibilities in relation to the environmental review process and that these responsibilities have been satisfied. ILDECO's approval of this certification satisfies its responsibilities under NEPA and related laws and authorities and allows the Village of Pittsburg to use Program funds.

OBJECTIONS TO RELEASE OF FUNDS

ILDECO will accept objections to its release of funds and the Village of Pittsburg's certification for a period of fifteen days following the anticipated submission date or its actual receipt of the request (whichever is later) only if they are on one of the following bases: (a) the certification

was not executed by the Certifying Officer of the Village of Pittsburg; (b) the Village of Pittsburg has omitted a step or failed to make a decision or finding required by HUD regulations at 24 CFR part 58; (c) the grant recipient or other participants in the development process have committed funds, incurred costs or undertaken activities not authorized by 24 CFR Part 58 before approval of a release of funds by ILDECO; or (d) another Federal agency acting pursuant to 40 CFR Part 1604 has submitted a written finding that the project is unsatisfactory from the standpoint of environmental quality. Objections must be prepared and submitted in accordance with the required procedures (24 CFR Part 58, Sec. 58.76) and shall be addressed to ILDECO at 500 E Monroe Street, Springfield, IL 62701. Potential objectors should contact ILDECO to verify the actual last day of the objection period.

Keith Violetti, Mayor, Village of Pittsburg



Certificate of the Publisher

Swinford Publications LLC certifies that it is the publisher of the Marion Star. Marion Star is a secular newspaper, has been continuously published weekly for more than fifty (50) weeks prior to the first publication of the attached notice, is published in the City/Village of Marion, County of Williamson, State of Illinois, is of general circulation throughout that county and surrounding area, and is a newspaper as defined by 715 ILCS 5/5.

A notice, a true copy of which is attached, was published 1 time in The Marion Star, namely one time per week for 1 successive week. **The first publication of the notice was made in the newspaper, dated and published on March 11, 2021** and the last publication of the notice was made in the newspaper dated and published on March 11, 2021. The notice was also placed on a statewide public notice website as required by 715 ILCS 5/2.1.

In witness, Swinford Publications LLC has signed this certificate by William R. Swinford, its publisher, at Marion, Illinois, on March 11, 2021.

Swinford Publications LLC

By:

Melanie J. Craig

Legals/Classified Clerk

(Note: Unless otherwise ordered, notarization of this document is **not** required.)

COUNTY BOARD OF COMMISSIONERS
OF
WILLIAMSON COUNTY

407 NORTH MONROE, SUITE 220

MARION, ILLINOIS 62959

(618) 997-1901 Ext. 1135

Fax: (618) 997-4221

Email: wmsnotycommissioners@williamsoncountyil.gov

COMMISSIONERS:

Brent Gentry

Ron Ellis

Jim Marlo

DISSEMINATED -

INTERESTED PARTIES

Kirk Kumerow
IL DCEO
500 E Monroe Street
Springfield, IL 62701

Kyle Burkwald
IL Dept Natural Resources
One Natural Resource Way
Springfield, IL 62702-1271

Brian Rennecker
IL Dept of Agriculture
P.O. Box 19281
Springfield, IL 62794-9281

Robert Appleman
IL Dept Natural Resources
State Historic Preservation Office
1 Old State Capital Plaza
Springfield, IL 62701

US EPA Region 5
77 W Jackson Blvd
Chicago, IL 606045

NOTICE OF FINDING OF NO SIGNIFICANT IMPACT AND
NOTICE OF INTENT TO REQUEST RELEASE OF FUNDS

March 11, 2021

Village of Pittsburg
P.O. Box 9
Pittsburg, IL 62974
618-993-8260

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FINDING OF NO SIGNIFICANT IMPACT

The Village of Pittsburg has determined that the project will have no significant impact on the human environment. Therefore, an Environmental Impact Statement under the National Environmental Policy Act of 1969 (NEPA) is not required. Additional project information is contained in the Environmental Review Record (ERR) on file at the Williamson County Economic Development Office, 407 N Monroe Street, Marion, IL and may be examined or copied weekdays 9:00 A.M to 4:00 P.M.

PUBLIC COMMENTS

Any individual, group, or agency may submit written comments on the ERR to the Williamson County Economic Development Office, 407 N Monroe Street, Marion, IL 62959. All comments received by March 28, 2021 will be considered by the Village of Pittsburg prior to authorizing submission of a request for release of funds. Comments should specify which Notice they are addressing.

ENVIRONMENTAL CERTIFICATION

The Village of Pittsburg certifies to ILDCEO that Keith Violett in his capacity as Mayor consents to accept the jurisdiction of the Federal Courts if an action is brought to enforce responsibilities in relation to the environmental review process and that these responsibilities have been satisfied. ILDCEO's approval of the certification satisfies its responsibilities under NEPA and related laws and authorities and allows the Village of Pittsburg to use Program funds.

OBJECTIONS TO RELEASE OF FUNDS

ILDCEO will accept objections to its release of funds and the Village of Pittsburg's certification for a period of fifteen days following the anticipated submission date or its actual receipt of the request (whichever is later) only if they are on one of the following bases: (a) the certification was not executed by the Certifying Officer of the Village of Pittsburg; (b) the Village of Pittsburg has omitted a step or failed to make a decision or finding required by HUD regulations at 24 CFR part 58; (c) the grant recipient or other participants in the development process have committed funds, incurred costs or undertaken activities not authorized by 24 CFR Part 58 before approval of a release of funds by IL DCEO; or (d) another Federal agency acting pursuant to 40 CFR Part 1504 has submitted a written finding that the project is unsatisfactory from the

standpoint of environmental quality. Objections must be prepared and submitted in accordance with the required procedures (24 CFR Part 58, Sec. 58.76) and shall be addressed to IL DCEO at 500 E Monroe Street, Springfield, IL 62701. Potential objectors should contact IL DCEO to verify the actual last day of the objection period.

Keith Violet, Mayor, Village of Pittsburg



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

**Environmental Assessment
Determinations and Compliance Findings for HUD-assisted Projects
24 CFR Part 58**

RECEIVED MAR 29 2021

Project Information

Project Name: Public Infrastructure - Pittsburg Water District

Responsible Entity: Village of Pittsburg

Grant Recipient (if different than Responsible Entity): N/A

State/Local Identifier: Grant #19-242023

Preparer: Celeste Sollers, Williamson County Economic Development, 407 N Monroe Street,
Marion, IL 62959

Certifying Officer Name and Title: Keith Violet, Mayor

Grant Recipient (if different than Responsible Entity): N/A

Consultant (if applicable): N/A

Direct Comments to: Celeste Sollers, P.O. Box 1232, Marion, IL 62959

Project Location: The project will take place in rural Williamson County, Lake Creek
Township, T.8S-R.3E, in Sections 19, 20, 29, 30, 31, 32 & 33. 37.789232 -88.912854

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

The project will consist of the replacement of 22,050' of 8" asbestos cement water main with roughly 10,140' of 8" PVC CL 200 water main trenched, 10,290' of 4" PVC CL 200 water main trenched, 1,300' of 8" CL 200 directional bored water main, 320' of 4" CL 200 directional bored water main, twelve pressure tapped water main interconnections, nine gate valves, five flush hydrants and 88 new coppersettlers with dual check valves.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:

The purpose of the project is to construct improvements to the existing water main system to eliminate the consistent water main breaks on this line for the health and safety of the customers.

Existing Conditions and Trends [24 CFR 58.40(a)]:

The Village of Pittsburg initially installed the existing 8" asbestos cement water main in 1967 along Old Frankfort Road and Fowler School Road. The 8" asbestos cement water main has reached the end of its service life and needs to be replaced. The water main has had frequent breaks. It is a CONSISTENT systemic problem and action needs to be taken. The District has limited telemetry so a break can be undiscovered for an extended time. Each water main break presents the need for Boil Order Notices to be issued for the customers' safety. The problem needs to be addressed for the health and safety of our customers.

Funding Information

Grant Number	HUD Program	Funding Amount
19-242023	State CDBG	\$500,000.00

Estimated Total HUD Funded Amount: \$500,000.00

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$638,240.00, with \$500,000 from State CDBG and \$138,240 from the Village of Pittsburg funds, all for water main replacement costs.

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 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	No sale or acquisition of property will occur. The project site was reviewed and determined it is not within an airport hazard.

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>
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>
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project is not located in a non-attainment area. See attached Illinois non-attainment map and national non-attainment list. Also see IEPA clearance letter dated 11/06/20.
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project is not located within Coastal Boundaries and will have no impact on Coastal Zones. See attached map.
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The EPA EnviroMapper was used to show general proximity to potential sites containing toxic or hazardous materials. No facilities were indicated.
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	See attached IDNR EcoCat clearance letter dated 10/20/20 and US F+WS Endangered Species review information. Endangered species discussed and cleared. No effect on 2 Federally listed bat species due to no suitable habitat and no anticipated tree cutting.
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	The project does not include a hazardous facility, and does not include development, construction or rehabilitation that will increase densities or conversion. See attached Enviromapper indicating no facility within 1 mile of the project.
Farmland Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	No farmland will be converted by the project. See attached IDOA clearance letter dated 11/16/20 and the attached USDA Soil Survey.
Floodplain Management	Yes No	FEMA Floodplain map attached. Floodplain encroachment. See attached completed 8 Step

Executive Order 11988, particularly section 2(a); 24 CFR Part 55	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Flood Plain review.
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See attached IDNR Section 106 Historic Clearance letter dated 11/04/20. Contacts were made with Tribal interest groups for consultation on the project. See attachments.
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The project does not include housing construction or rehabilitation.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The Mahomet Aquifer located in central Illinois is the only Sole Source Aquifer currently designated within Illinois. See attached project map.
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See attached IDNR EcoCat clearance letter dated 10/20/20 and attached USF+WS Wetlands Inventory Map. See attached completed 8 Step Wetland Review.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The only designated scenic river in Illinois is the Middle Fork of the Vermillion in east central Illinois. The project area is over 200 miles south and will have no effect. See attached map
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The proposed project will not be adversely affect covered populations. See attached EPA EJSCREEN report.

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 & 1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.

- (1) Minor beneficial impact
- (2) No impact anticipated
- (3) Minor Adverse Impact – May require mitigation
- (4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The proposed project will conform to comprehensive plans
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The proposed project will not create steep slopes or any additional erosion. IDOA Clearance letter 11/16/20
Hazards and Nuisances including Site Safety and Noise	2	Replacements to be undertaken will be to existing infrastructure. No housing construction or rehabilitation will take place.
Energy Consumption	2	There will be no impact on energy consumption.

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	No effect on employment or income patterns.
Demographic Character Changes, Displacement	2	No effect on demographic character of project area. No displacement will result from project.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	No educational or cultural facilities within project area.

Commercial Facilities	2	No commercial facilities within project area.
Health Care and Social Services	2	The project will create no additional demand for health care or social services.
Solid Waste Disposal / Recycling	2	The project will have no effect on solid waste, disposal or recycling.
Waste Water / Sanitary Sewers	2	The project will have no effect on waste water.
Water Supply	1	Improved water availability through replacement of existing deteriorated water mains.
Public Safety - Police, Fire and Emergency Medical	1	Improved water availability will increase dependability of water availability during fire-fighting events.
Parks, Open Space and Recreation	2	No effect on open spaces or recreational area.
Transportation and Accessibility	2	No effect on transportation or accessibility.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	No effect on natural water resources or wetlands. An 8-step floodplain review was performed.
Vegetation, Wildlife	2	IDNR EcoCat clearance letter dated 10/20/20. No effect on endangered species and no anticipated tree cutting.
Other Factors	2	8-Step Floodplain/Wetland Reviews have been completed.

Additional Studies Performed: The ERR contains input from the Illinois Department of Agriculture, Illinois Department of Natural Resources, Illinois Environmental Agency and the US Fish and Wildlife Service/

Field Inspection (Date and completed by): 8/15/20 – 10/15/20 – Ryan Farley, PE

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]: John J. Kim, Director, IEPA, Kyle Burkwald, Division of Ecosystems & Environment, IDNR, Brian Rennecker, Acting Chief, Bureau of Land and Water Resources, IDOA, Robert Appleman, Deputy State Historic Preservation Officer, IDNR, Tribal Assessments (4 tribes), Ryan Farley, PE for Village of Pittsburg.

List of Permits Obtained: A construction permit from the IEPA Division of Public Water Supplies has been obtained 7/11/2019 #1338-FY2019. A request for time extension for this permit was submitted to Christopher Kohrman, IEPA on 10/23/20.

Public Outreach [24 CFR 50.23 & 58.43]: Public Hearings were held and notices were published requesting community input. Tribal consultations with four tribes listed were completed. Two newspaper publications for an 8-Step Floodplain Review were published on 10/15/2020 and 11/19/20 with public comment periods running from 10/16/20 to 11/02/20 and 11/20/20 to 11/28/20 respectively. Anticipated 15-Day Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds will be published with the required public comment period adhered to.

Cumulative Impact Analysis [24 CFR 58.32]: Project is to be completed within established easements and right of ways where the current mains are located. Approximately 300' of water main to be replaced is in the 100-year floodplain. Strict adherence to best management practices for erosion and sedimentation control shall be utilized. The proposed water system improvements will provide improved water flow and availability.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9] 1) Maintain system as is with the current antiquated asbestos line leaving opportunity for continuous water leaks and loss 2) Completely remove the current lines and re-route them at a great cost to the Village possibly leaving homes without fire protection or water service 3) Proceed with the proposed project as designed and permitted.

No Action Alternative [24 CFR 58.40(e)]: It has been determined that there are no practical alternatives. Not undertaking the proposed project will leave the community with consistent health and safety concerns because of the reoccurring water main breaks.

Summary of Findings and Conclusions: After review of the EA, it has been determined that the best action is to proceed with the project as proposed. Completion of the project is expected to positively impact the aging water infrastructure and improve consistent water availability.

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
Historic Preservation	Halt construction and notify law enforcement, IDNR-HP, and the 4 tribes of human remains or artifacts are discovered.
Illinois Environmental Protection Agency	Obtain time extension for existing construction permit from IEPA Division of Public Water Supplies.

Determination:

Finding of No Significant Impact [24 CFR 58.40(g)(1); 40 CFR 1508.27]

The project will not result in a significant impact on the quality of the human environment.

Finding of Significant Impact [24 CFR 58.40(g)(2); 40 CFR 1508.27]

The project may significantly affect the quality of the human environment.

Preparer Signature: Celeste Sollers Date: 3/9/21

Name/Title/Organization: Celeste Sollers, Administrator, Pittsburg

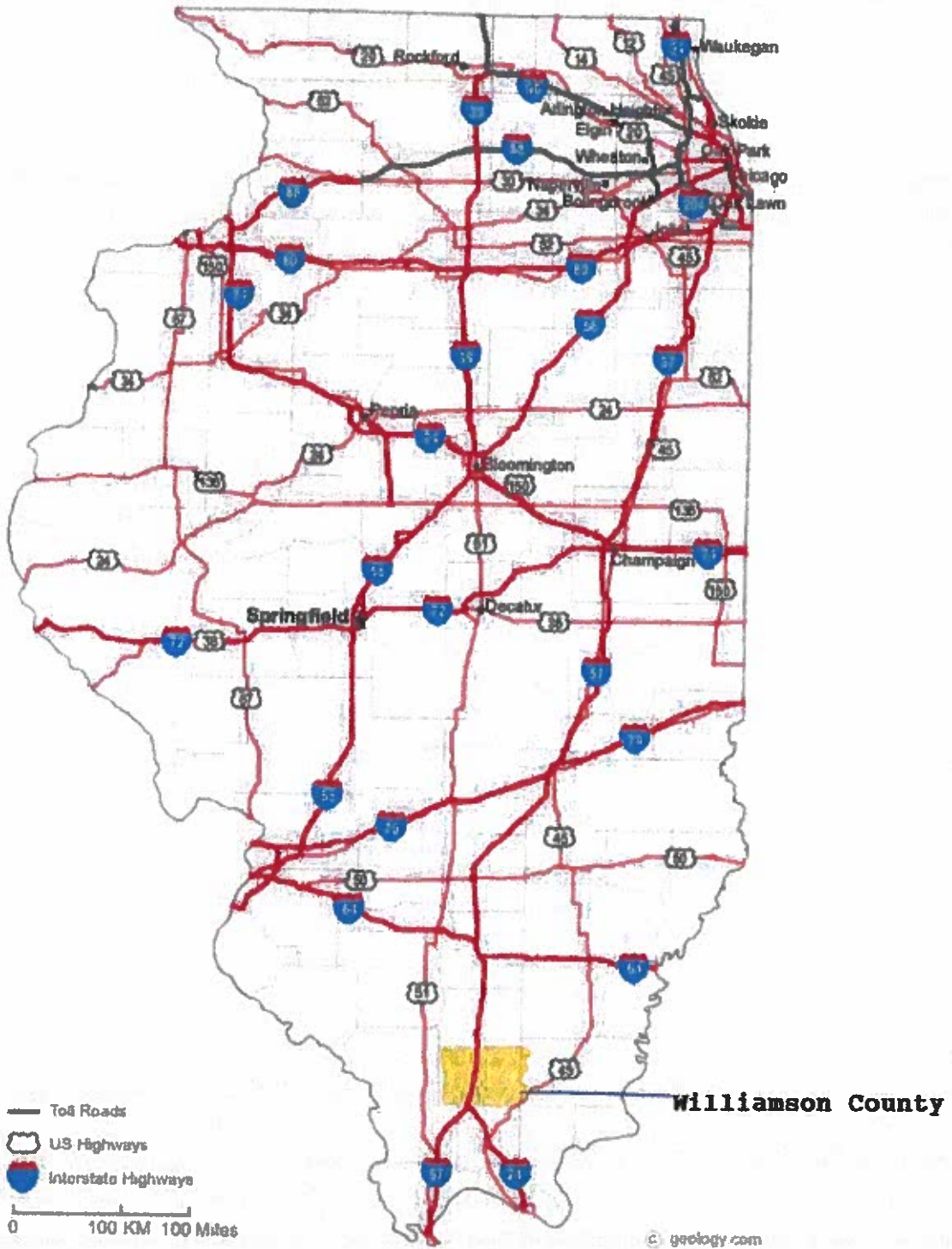
Certifying Officer Signature: Keith Violett Date: 3/09/2021

Name/Title: Keith Violett, Mayor, Village of Pittsburg

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) or Environmental Assessment (EA)

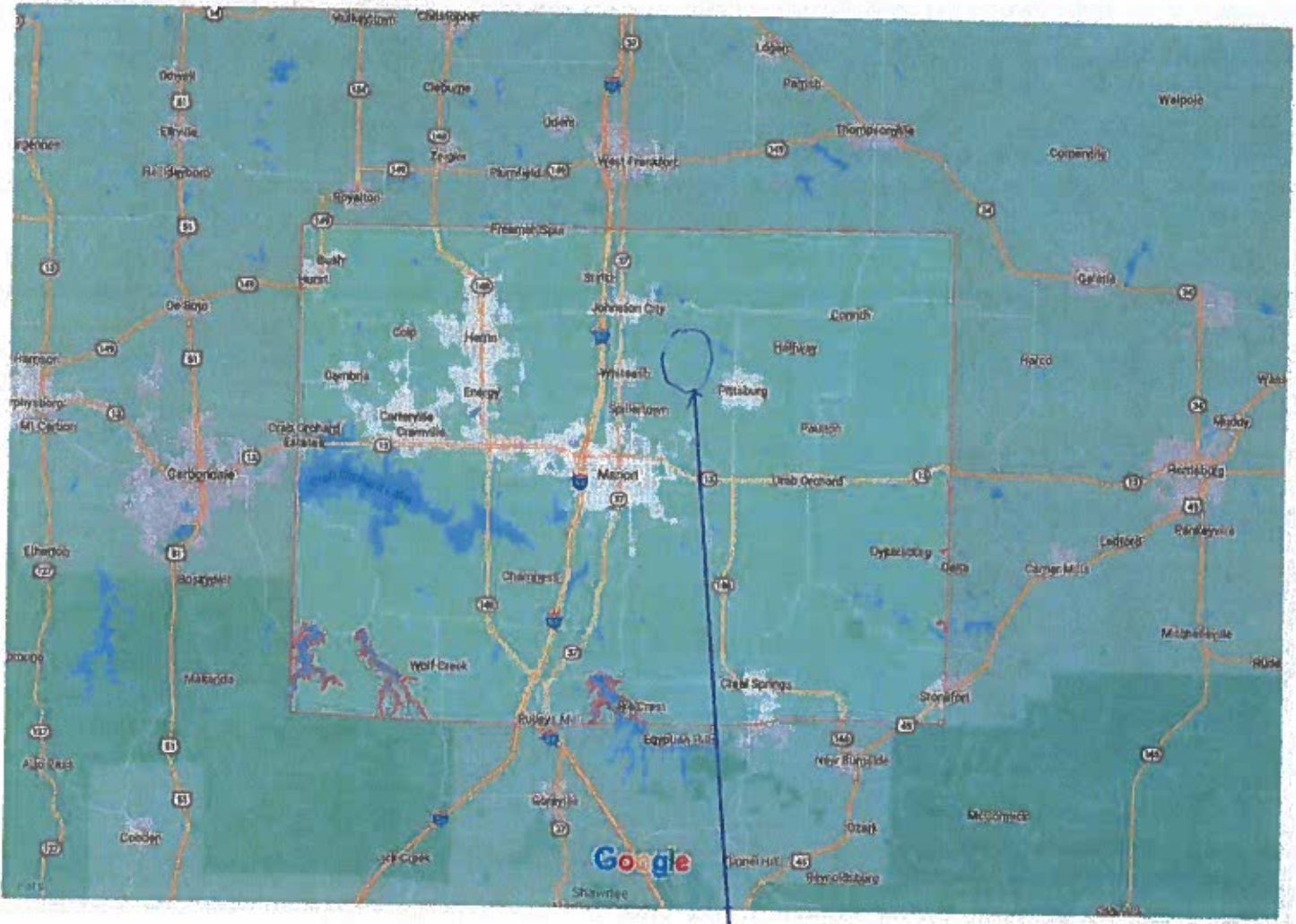
Grantee		VILLAGE OF PITTSBURG	Grant # 19-242023
Compliance Documentation Items and Explanations -- Please place items behind completed HUD Environmental Review document for the Categorical Exclusion (subject to 58.5) or the HUD Environmental Assessment (EA), in the order they are listed in either of those documents.			
YES	NO	DOCUMENTATION	
X		Project Location Map	
X		Project Summary (may use application's Project Summary. Must include additional description found at: https://www.hudexchange.info/environmental-review/orientation-to-environmental-reviews/)	
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 AND 58.6			
Airport Hazards			
X		Airport database search results of project area	
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 (N/A for HR);	
X		US EPA Illinois (by County by Year) Non-Attainment Status list; and	
X		National Non-Attainment Status list.	
	X	HUD Air Quality Worksheet (only if project is in a Non-Attainment area)	
Coastal Zone Management Act			
X		Illinois Coastal Zone 8 Boundaries Map with Grantee's location marked on Illinois inset map to show approximate distance from coastal zone in NE Illinois.	
Contamination and Toxic Substances			
X		Completed US EPA Enviro Mapper for Envirofacts documentation of project area	
	X	HUD - Contamination and Toxic Substances (Single Family Properties) Worksheet (CDBG HR Tier 2 Reviews Only)	
<i>And if Non-Residential property is being acquired or developed by a CDBG ED or RLF project, complete:</i>			
	X	HUD - Contamination and Toxic Substances (Multi-Family and Non-Residential Properties) Worksheet	
	X	Phase I ASTM Survey by a licensed professional.	
Endangered Species			
X		IL DNR EcoCat Endangered Species Release from Consultation (N/A for HR)	
X		US F+WS Endangered Species review information (N/A for HR)	
Explosive and Flammable Hazards			
X		Completed US EPA Enviro Mapper for Envirofacts documentation of project area (N/A for HR)	
	X	HUD - Explosive and Flammable Hazards (CEST and EA) Worksheet (For ED/RLF Projects Only)	
Farmland Protection			
X		IDDA Clearance Letter citing Federal Farmland Protection Policy Act (N/A for HR)	
X		USDA Web Soil Survey (WSS) search results (N/A for HR)	
Floodplain Management			
X		FEMA FIRMap with Project Location clearly marked	
X		HUD - Floodplain Management (CEST and EA) Worksheet (if a Flood Plain or floodway is in Project area) (N/A for HR)	
X		Completed 8-Step Floodplain Review Document (if applicable). Include both publications and publisher's certificates and any comments received. No project activities in a Floodway, unless a DCEO pre-approved functionally-dependent use. (N/A for HR)	
Historic Preservation			
X		IL DNR Historic Preservation (HP) Section 106 Clearance Letter	
X		HUD - Section 106 Tribal Consultation Checklist	
X		If required, Tribal Consultation Documentation:	
X		HUD TDAT tribal contact page listing tribes interested in project's county/counties or indicates that no tribes are interested in said county(ies).	
X		Copies of letter(s) signed by Grantee's chief elected official, on Grantee letterhead, addressed to tribal official(s) listed on TDAT;	
X		Fax or e-mail confirmation sheets;	
X		Allow 35 full days if mailed, 30 full days if e-mailed or faxed	
Noise Abatement and Control			
X		PI, EPI, DF, ED or RLF Projects: A statement on the CEST or EA Env. Rev. form that the project does not involve housing construction or rehabilitation.	
	X	HUD - Noise Abatement and Control CEST Level Review Worksheet (for CDBG HR Tier 2 Reviews Only)	
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.	
	X	Note: If community is near or in that designated aquifer, then a copy of the US EPA Mahomet Sole Source Aquifer Project Review Area map must also be included, with community's location marked.	
	X	If any portion of project is in the designated aquifer, then also attach completed US EPA Region 5 clearance documentation. (N/A for HR)	
Wetland Protection			
X		IL DNR EcoCat Wetlands Release from Consultation (N/A for HR)	
X		USF+WS Wetlands Inventory Map of Project Site(s) (N/A for HR)	
	X	Completed 8-Step Wetlands Review Document (if applic). Incl. both publications and publisher's certificates and any comments received. (N/A for HR)	
Wild and Scenic Rivers Act			
X		Illinois Wild and Scenic Rivers Map with Grantee's location marked on Illinois inset map in relation to the Middle Fork Vermillion River, near Danville.	
ENVIRONMENTAL JUSTICE			
Environmental Justice			
X		Completed US EPA EJSscreen documentation of project location.	



Williamson County

- Toll Roads
 - ⬡ US Highways
 - ⬢ Interstate Highways
- 0 100 KM 100 Miles

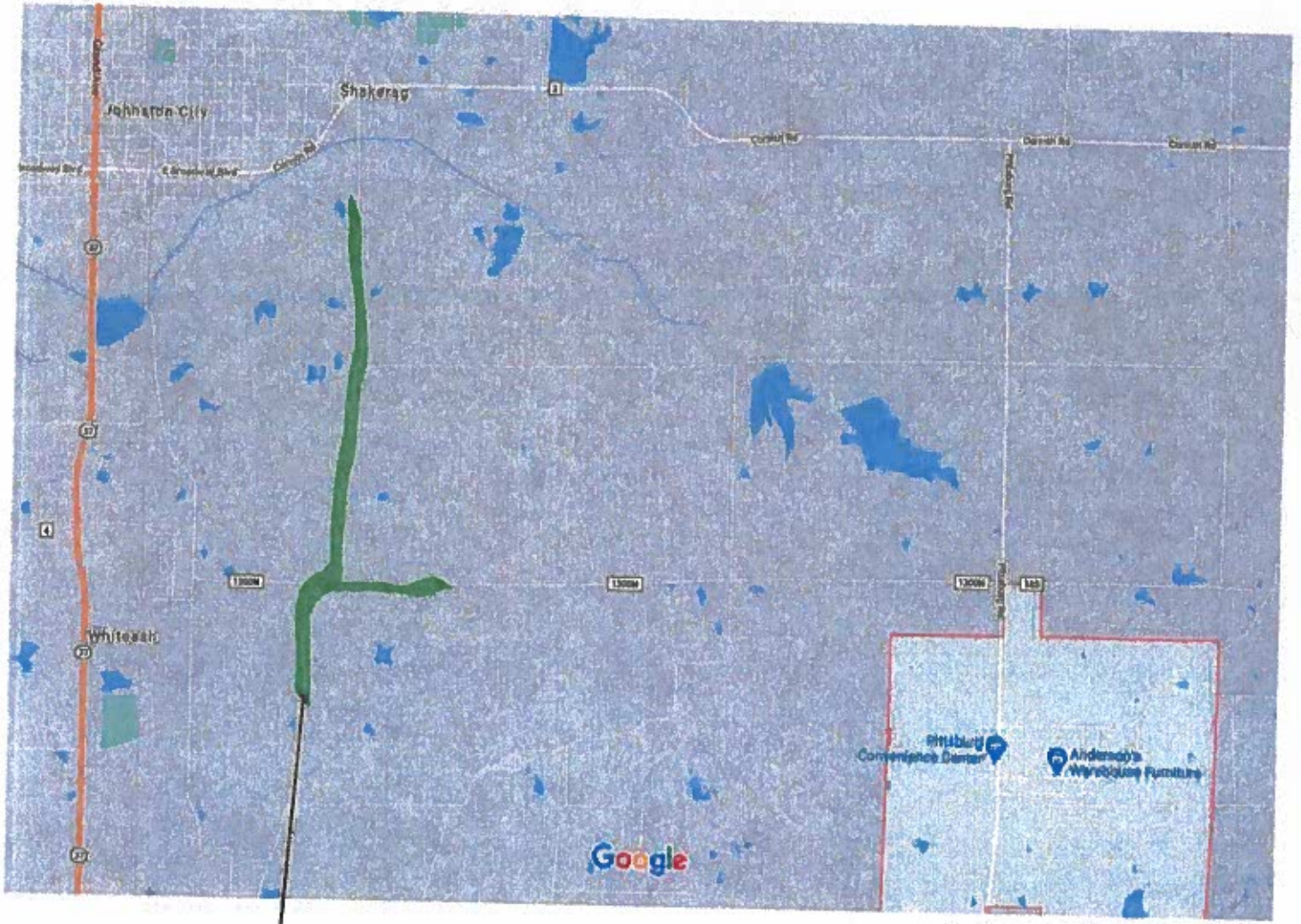
Google Maps Williamson County



Map data ©2020 2 mi

TARGET AREA

Google Maps Pittsburg



Target Area

Map data ©2020 2000 ft

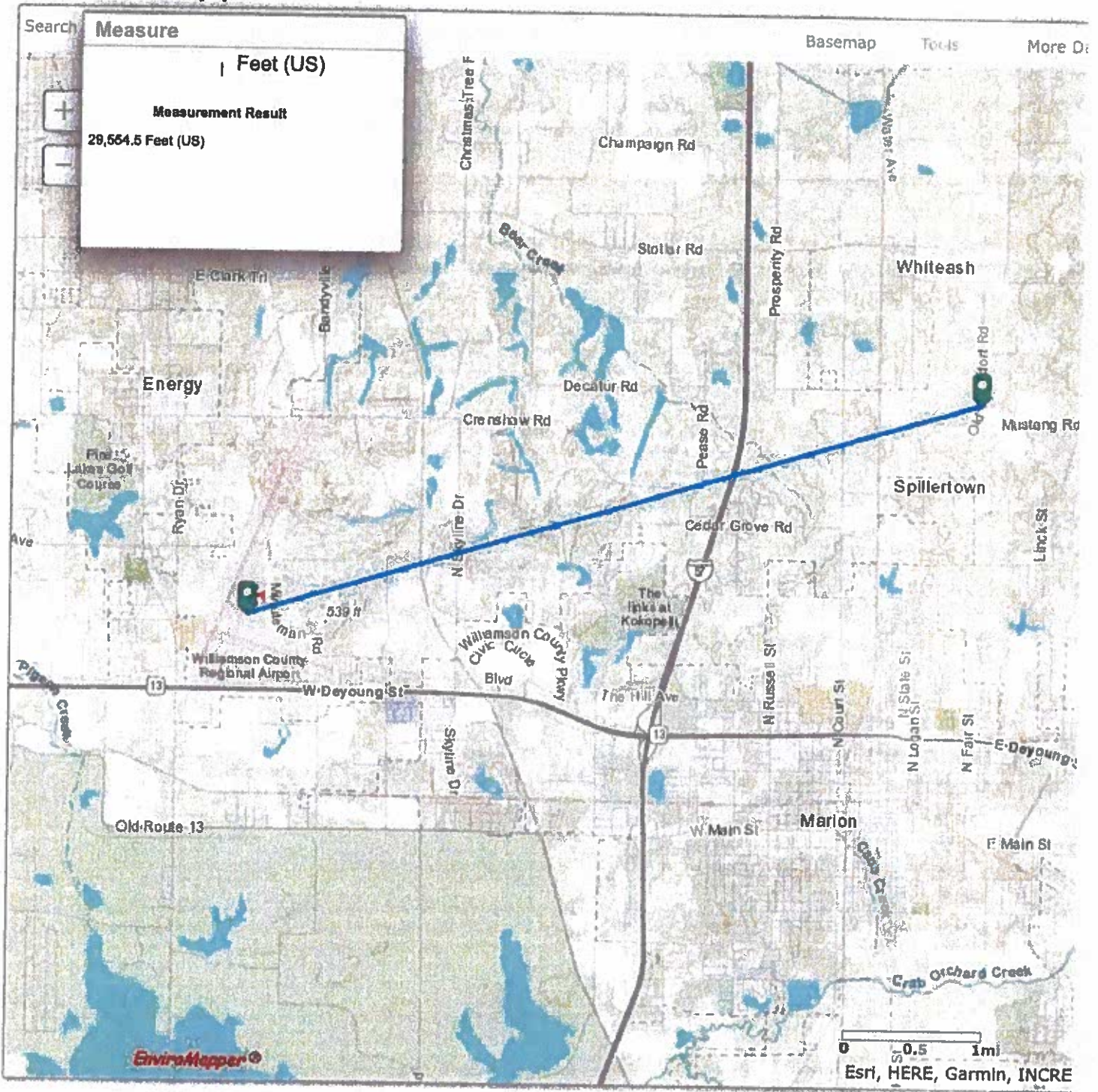
Search Airports

Airports matching: MARION, IL

3 airports found

ID	City	Name	Remarks
KMWA	Marion, IL, USA	Veterans Airport of Southern Illinois	
SBIS	Marion, IL, USA	VA Medical Center Heliport	Private
SIL6	Marion, IL, USA	Heartland Regional Medical Center Heliport	Private

EnviroMapper



Airport Hazards (CEST and EA) – VILLAGE OF PITTSBURG

General policy	Legislation	Regulation
It is HUD's policy to apply standards to prevent incompatible development around civil airports and military airfields,		24 CFR Part 51 Subpart D
References		
https://www.hudexchange.info/environmental-review/airport-hazards		

1. To ensure compatible land use development, you must determine your site's proximity to civil and military airports. Is your project within 15,000 feet of a military airport or 2,500 feet of a civilian airport?

No → Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within the applicable distances to a military or civilian airport.

Yes → Continue to Question 2.

2. Is your project located within a Runway Potential Zone/Clear Zone (RPZ/CZ) or Accident Potential Zone (APZ)?

Yes, project is in an APZ → Continue to Question 3.

Yes, project is an RPZ/CZ → Project cannot proceed at this location.

No, project is not within an APZ or RPZ/CZ

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within either zone.

3. Is the project in conformance with DOD guidelines for APZ?

Yes, project is consistent with DOD guidelines without further action.

Explain how you determined that the project is consistent:

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

No, the project cannot be brought into conformance with DOD guidelines and has not been approved. → *Project cannot proceed at this location.*

Project is not consistent with DOD guidelines, but it has been approved by Certifying Officer or HUD Approving Official.

Explain approval process:

If mitigation measures have been or will be taken, explain in detail the proposed measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

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

Worksheet Summary

Compliance Determination

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

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

Are formal compliance steps or mitigation required?

Yes

No



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

November 6, 2020

Ms. Celeste Sollers
Community & Economic Development
Williamson County Courthouse
407 N. Monroe
Marion, IL 62959

RE: Village of Pittsburg Water District Project

Dear Ms. Sollers,

The Agency has reviewed this submission and has no objections to the project.

A construction permit was issued by the Division of Public Water Supplies last July; however, the permit needs an extension of time. Please have the project engineers send the Agency a letter requesting one.

If one or more acres are disturbed during construction, a construction site activity stormwater NPDES permit will be required from the Division of Water Pollution Control. More information regarding construction site activity permitting can be found at:

<https://www.epa.gov/npdes/construction-general-permit-cgp-frequent-questions> or contact Terri LeMasters of our staff at 217/785-3954.

Please be advised that any solid or hazardous waste must be properly disposed of or recycled.

Sincerely,

A handwritten signature in black ink, appearing to read "John J. Kim".

John J. Kim
Director

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
2009 Mall Street Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131

2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

(217) 782-1724

March 10, 2021

Keith Violet, Mayor
Village of Pittsburg
P.O. Box 9
Pittsburg, IL 62974

RECEIVED MAR 10 2021

Re: Pittsburg (IL1990600)
"Pittsburg DCEO 8" Water Main Replacement"
Water Main Extension
Extension of Construction Permit No. 1338-FY2019

Dear Mayor Violet:

In accordance with the request made through your engineers, Farley Engineering, in an email received March 3, 2021, our Construction Permit No. 1338-FY2019, issued on July 11, 2019, for "Pittsburg DCEO 8" Water Main Replacement", is hereby extended.

This extension of the construction permit is void after March 9, 2022, unless construction on this project has started on or prior to that date.

Sincerely,

David C. Cook, P.E.
Manager, Permit Section
Division of Public Water Supplies

DCC:CE

cc: Farley Engineering
Marion Regional Office



October 23, 2020

Pittsburg DCEO 8 Inch Water Main Replacement
Village of Pittsburg – Water District
Williamson County
Job No: 20029
File: IEPA

Illinois Environmental Protection Agency
Permit Section, Division of Water Pollution Control
1021 North Grand Avenue East
PO Box 19276
Springfield, Illinois 62794-9276
Attn: Christopher Kohrmann

Re: Request for Time Extension on Construction Permit #1338-FY2019

Dear Christopher,

I am writing to you on behalf of the Village of Pittsburg – Water District (PWD). PWD would like to formerly request a time extension on Construction Permit #1338-FY2019. PWD recently been awarded with a grant from DCEO to construct this project. A copy of the permit is enclosed with this letter for your viewing.

If you have any questions or require additional information, please advise.

Respectfully,

Ryan Farley, P.E.
President

Cc: 20029, Village of Pittsburg – Water District (PWD)

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 North Grand Avenue, East; Post Office Box 19276; Springfield, IL 62794-9276

Division of Public Water Supplies

Telephone 217/782-1724

PUBLIC WATER SUPPLY CONSTRUCTION PERMIT

SUBJECT: PITTSBURG (1990600)

Permit Issued to:
Village of Pittsburg
302 West Avery Avenue, P.O. Box 9
Pittsburg, IL 62974

PERMIT NUMBER: 1338-FY2019

DATE ISSUED: July 11, 2019
PERMIT TYPE: Water Main

The issuance of this permit is based on plans and specifications prepared by the engineers/architects indicated, and are identified as follows. This permit is issued for the construction and/or installation of the public water supply improvements described in this document, in accordance with the provisions of the "Environmental Protection Act", Title IV, Sections 14 through 17, and Title X, Sections 39 and 40, and is subject to the conditions printed on the last page of this permit and the ADDITIONAL CONDITIONS listed below.

FIRM: Clarida & Ziegler Engineering Co.

NUMBER OF PLAN SHEETS: 8

TITLE OF PLANS: "Pittsburg DCEO 8 Inch Water Main Replacement - Old Frankford Road (Mustang Rd. to Stein Ln.) and Fowler School Road (Old Frankford Rd. to East of Coal Valley Interconnect)"

PROPOSED IMPROVEMENTS:

*** Installation of approximately 11,440 lineal feet of eight (8) inch diameter and 10,610 lineal feet of four (4) inch diameter water main.***

ADDITIONAL CONDITIONS:

1. A lead informational notice must be given to each potentially affected residence at least 14 days prior to the permitted water main work. The notification must satisfy the requirements of Section 17.11 of the Environmental Protection Act. If notification is required to a residence that is a multi-dwelling building, posting at the primary entrance way to the building shall be sufficient. If the community water supply serves a population less than 3,301, alternative notification means may be utilized in lieu of an individual written notification. Refer to Section 17.11 of the Act for alternative notification requirements. Enclosed is suggested language for the notice. If this project involves water service to a significant proportion of non-English speaking consumers, the notification must contain information in the appropriate language regarding the importance and how to obtain a translated copy. The Responsible Operator in Charge of the community water system is responsible for preparing the notice. A copy of the notice used must be submitted to the Agency with the Application for Operating Permit.
2. All water mains shall be satisfactorily disinfected prior to use. In accordance with the requirements of AWWA C651-05, at least one set of samples shall be collected from every 1,200 feet of new water main, plus one set from the end of the line and at least one set from each branch. Satisfactory disinfection shall be demonstrated in accordance with the requirements of 35 Ill. Adm. Code Section 652.203.

PITTSBURG (1990600)
PERMIT NUMBER: 1338-FY2019
Page 2

3. There are no further conditions to this permit.

DCC:CLK

cc: Clarida & Ziegler Engineering Co.
Marion Regional Office
IDPH/DEH – Plumbing and Water Quality Program



David C. Cook, P.E.
Manager Permit Section
Division of Public Water Supplies

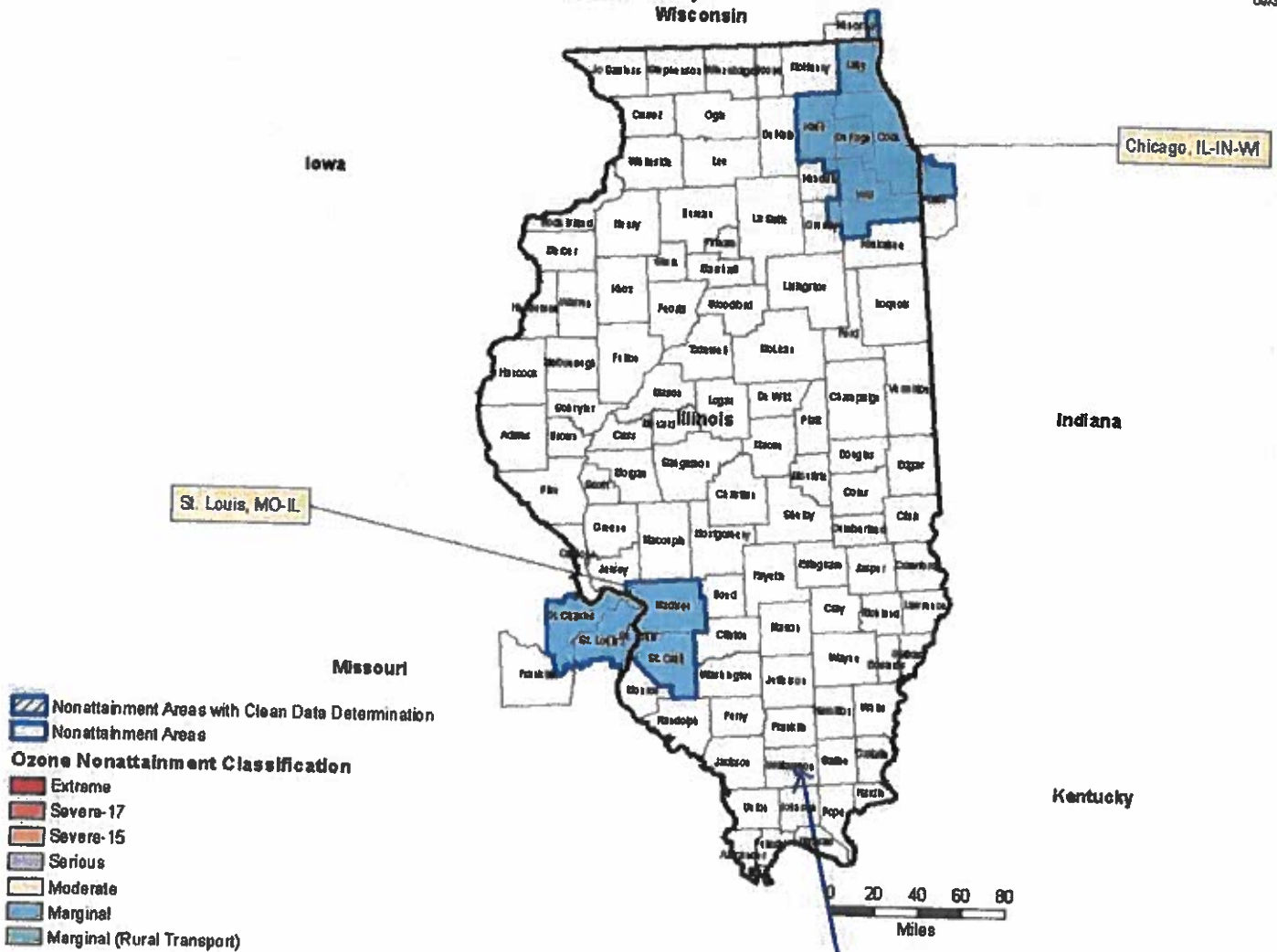


You are here: EPA Home > Green Book > 8-Hour Ozone (2015) Area Map

View PDF map that can be zoomed

Illinois 8-hour Ozone Nonattainment Areas (2015 Standard)

09/30/2020



Discover.
Connect.
Ask.

Follow.

2020-09-30



You are here: EPA Home > Green Book > >National Area and County-Level Multi-Pollutant Information >Illinois Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

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

Data is current as of September 30, 2020

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

Important Notes

Download National Dataset: dbf | xls | Data dictionary (PDF)

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	17/031
Cook County	8-Hour Ozone (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0405060708091011	08/13/2012	Moderate	Whole	5,194,675	17/031
Cook County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	121314151617181920	//	Serious	Whole	5,194,675	17/031
Cook County	8-Hour Ozone (2015)	Chicago, IL-IN-WI	181920	//	Marginal	Whole	5,194,675	17/031
Cook County	Lead (2008)	Chicago, IL	11121314151617	03/28/2018		Part	35,696	17/031
Cook County	PM-10 (1987)	Southeast Chicago, IL	92939495969798990001020304	11/21/2005	Moderate	Part	3,117	17/031
Cook County	PM-10 (1987)	Lyons Twsp., IL	92939495969798990001020304	11/21/2005	Moderate	Part	111,688	17/031
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	17/031
Cook County	Sulfur Dioxide (2010)	Lemont, IL	13141516171819	05/26/2020		Part	21,113	17/031
DuPage County	1-Hour Ozone (1979)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92939495969798990001020304	//	Severe-17	Whole	916,924	17/043
DuPage County	8-Hour Ozone (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0405060708091011	08/13/2012	Moderate	Whole	916,924	17/043
DuPage County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	121314151617181920	//	Serious	Whole	916,924	17/043
DuPage County	8-Hour Ozone (2015)	Chicago, IL-IN-WI	181920	//	Marginal	Whole	916,924	17/043
DuPage County	PM-2.5 (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0506070809101112	10/02/2013 *	Former Subpart 1	Whole	916,924	17/043

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
Grundy County	1-Hour Ozone (1979)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92939495969798990001020304	//	Severe-17	Part	14,735	17/063
Grundy County	8-Hour Ozone (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0405060708091011	08/13/2012	Moderate	Part	20,519	17/063
Grundy County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	121314151617181920	//	Serious	Part	20,519	17/063
Grundy County	8-Hour Ozone (2015)	Chicago, IL-IN-WI	181920	//	Marginal	Part	19,251	17/063
Grundy County	PM-2.5 (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0506070809101112	10/02/2013 *	Former Subpart 1	Part	20,519	17/063
Jersey County	1-Hour Ozone (1979)-NAAQS revoked	Jersey Co, IL	929394	04/13/1995	Marginal	Whole	22,985	17/083
Jersey County	8-Hour Ozone (1997)-NAAQS revoked	St. Louis, MO-IL	0405060708091011	06/12/2012	Moderate	Whole	22,985	17/083
Kane County	1-Hour Ozone (1979)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92939495969798990001020304	//	Severe-17	Whole	515,269	17/089
Kane County	8-Hour Ozone (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0405060708091011	08/13/2012	Moderate	Whole	515,269	17/089
Kane County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	121314151617181920	//	Serious	Whole	515,269	17/089
Kane County	8-Hour Ozone (2015)	Chicago, IL-IN-WI	181920	//	Marginal	Whole	515,269	17/089
Kane County	PM-2.5 (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0506070809101112	10/02/2013 *	Former Subpart 1	Whole	515,269	17/089
Kendall County	1-Hour Ozone (1979)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92939495969798990001020304	//	Severe-17	Part	30,355	17/093
Kendall County	8-Hour Ozone (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0405060708091011	08/13/2012	Moderate	Part	52,377	17/093
Kendall County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	121314151617181920	//	Serious	Part	52,377	17/093
Kendall County	8-Hour Ozone (2015)	Chicago, IL-IN-WI	181920	//	Marginal	Part	49,334	17/093
Kendall County	PM-2.5 (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0506070809101112	10/02/2013 *	Former Subpart 1	Part	52,377	17/093
LaSalle County	PM-10 (1987)	Oglesby, IL	92939495	10/07/1996	Moderate	Part	3,862	17/099

County	NAAQS	Area Name	Nonattainment In Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
Lake County	1-Hour Ozone (1979)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92939495969798990001020304	//	Severe-17	Whole	703,462	17/097
Lake County	8-Hour Ozone (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0405060708091011	08/13/2012	Moderate	Whole	703,462	17/097
Lake County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	121314151617181920	//	Serious	Whole	703,462	17/097
Lake County	8-Hour Ozone (2015)	Chicago, IL-IN-WI	181920	//	Marginal	Whole	703,462	17/097
Lake County	PM-2.5 (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0506070809101112	10/02/2013 *	Former Subpart 1	Whole	703,462	17/097
Madison County	1-Hour Ozone (1979)-NAAQS revoked	St. Louis, MO-IL	9293949596979899000102	05/12/2003	Serious	Whole	269,282	17/119
Madison County	8-Hour Ozone (1997)-NAAQS revoked	St. Louis, MO-IL	0405060708091011	06/12/2012	Moderate	Whole	269,282	17/119
Madison County	8-Hour Ozone (2008)	St. Louis-St. Charles-Farmington, MO-IL	121314151617	03/01/2018	Marginal	Whole	269,282	17/119
Madison County	8-Hour Ozone (2015)	St. Louis, MO-IL	181920	//	Marginal	Whole	269,282	17/119
Madison County	Lead (2008)	Granite City, IL	1011121314151617	03/28/2018		Part	38,901	17/119
Madison County	PM-10 (1987)	Granite City, Nameoiki Twsp, IL	929394959697	05/11/1998	Moderate	Part	35,652	17/119
Madison County	PM-2.5 (1997)-NAAQS revoked	St. Louis, MO-IL	0506070809101112131415161718	05/28/2019 *	Moderate	Whole	269,282	17/119
Madison County	Sulfur Dioxide (2010)	Alton Township, IL	1617181920	//		Part	0	17/119
McHenry County	1-Hour Ozone (1979)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92939495969798990001020304	//	Severe-17	Whole	308,760	17/111
McHenry County	8-Hour Ozone (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0405060708091011	08/13/2012	Moderate	Whole	308,760	17/111
McHenry County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	121314151617181920	//	Serious	Whole	308,760	17/111
McHenry County	PM-2.5 (1997)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	0506070809101112	10/02/2013 *	Former Subpart 1	Whole	308,760	17/111
Monroe County	1-Hour Ozone (1979)-NAAQS revoked	St. Louis, MO-IL	9293949596979899000102	05/12/2003	Serious	Whole	32,957	17/133

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/County FIPS Codes
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	Marginal	Whole	32,957	17/133
Monroe County	PM-2.5 (1997)-NAAQS revoked	St. Louis, MO-IL	05 06 07 08 09 10 11 12 13 14 15 16 17 18	05/28/2019 *	Moderate	Whole	32,957	17/133
Peoria County	Sulfur Dioxide (1971)	Hollis Township, IL	929394	06/05/1995		Part	2,032	17/143
Peoria County	Sulfur Dioxide (1971)	Peoria, IL	929394	06/05/1995		Part	127,507	17/143
Peoria County	Sulfur Dioxide (2010)	Pekin, IL	13 14 15 16 17 18 19	05/26/2020		Part	1,881	17/143
Randolph County	PM-2.5 (1997)-NAAQS revoked	St. Louis, MO-IL	05 06 07 08 09 10 11 12 13 14 15 16 17 18	05/28/2019 *	Moderate	Part	1,453	17/157
St. Clair County	1-Hour Ozone (1979)-NAAQS revoked	St. Louis, MO-IL	9293949596979899000102	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	Marginal	Whole	270,056	17/163
St. Clair County	8-Hour Ozone (2015)	St. Louis, MO-IL	18 19 20	//	Marginal	Whole	270,056	17/163
St. Clair County	PM-2.5 (1997)-NAAQS revoked	St. Louis, MO-IL	05 06 07 08 09 10 11 12 13 14 15 16 17 18	05/28/2019 *	Moderate	Whole	270,056	17/163
Tazewell County	Sulfur Dioxide (1971)	Groveland Township (Tazewell County), IL	929394	06/05/1995		Part	22,991	17/179
Tazewell County	Sulfur Dioxide (2010)	Pekin, IL	13 14 15 16 17 18 19	05/26/2020		Part	39,313	17/179
Will County	1-Hour Ozone (1979)-NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92939495969798990001020304	//	Severe-17	Whole	677,560	17/197
Will 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	677,560	17/197
Will County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12 13 14 15 16 17 18 19 20	//	Serious	Whole	677,560	17/197
Will County	8-Hour Ozone (2015)	Chicago, IL-IN-WI	18 19 20	//	Marginal	Whole	677,560	17/197
Will 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	677,560	17/197

Illinois Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants | Green Book | US EPA

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/County FIPS Codes
Will County	Sulfur Dioxide (2010)	Lemont, IL	13 14 15 16 17 18 19	05/26/2020		Part	147,803	17/197
Important Notes								

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2020-09-30



You are here: EPA Home > Green Book > Summary Nonattainment Area Population Exposure Report

Summary Nonattainment Area Population Exposure Report

Data is current as of September 30, 2020

Ordered by state(s)

The NO₂ nonattainment area became a maintenance area on September 22, 1998. All Carbon Monoxide areas were redesignated to maintenance areas as of September 27, 2010. 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.

Download National Dataset: [dbf](#) | [xls](#) | [Data dictionary \(PDF\)](#)

State(s)	General Area Name (see note)	2010 Population in 1000s (area count)									
		8-Hour Ozone (2015)	8-Hour Ozone (2008)	PM-2.5 (2012)	PM-2.5 (2006)	PM-2.5 (1997)	PM-10 (1987)	SO ₂ (2010)	SO ₂ (1971)	Lead (2008)	Lead (1978)
AK	Fairbanks				87(1)						
AZ	Douglas/Paul Spur (Cochise County)						17(1)				
AZ	Hayden/Miami						26(2)	20(2)	5(1)	5(1)	
AZ	Nogales				31(1)		30(1)				
AZ	Phoenix-Mesa	3,945(1)	3,850(1)				3,853(1)				
AZ	Rillito (Pima County)						1(1)				
AZ	West Pinal				52(1)		283(1)				
AZ	Yuma	87(1)					101(1)				
CA	Amador and Calaveras Cos (Central Mountain Cos)	84(2)	46(1)								
CA	Chico	220(1)	220(1)								
CA	Imperial County	175(1)	175(1)	154(1)	154(1)		147(1)				
CA	Los Angeles-South Coast Air Basin	15,704(3)	15,723(3)	15,716(1)	15,716(1)	15,716(1)				9,437(1)	
CA	Mariposa and Tuolumne Cos (Southern Mountain Cos)	74(2)	18(1)								
CA	Mono County						0(1)				
CA	Nevada Co. (Western Part)	82(1)	82(1)								
CA	Owens Valley						7(1)				
CA	Plumas County			6(1)							
CA	Sacramento Metro	2,240(1)	2,241(1)		2,206(1)						
CA	San Diego	3,077(1)	3,095(1)								
CA	San Francisco-Bay Area	6,969(1)	6,973(1)		6,971(1)						
CA	San Joaquin Valley	3,937(2)	3,938(2)	3,842(1)	3,842(1)	3,842(1)	126(1)				

State(s)	General Area Name (see note)	2010 Population in 1000s (area count)									
		8-Hour Ozone (2015)	8-Hour Ozone (2008)	PM-2.5 (2012)	PM-2.5 (2006)	PM-2.5 (1997)	PM-10 (1987)	SO ₂ (2010)	SO ₂ (1971)	Lead (2008)	Lead (1978)
CA	San Luis Obispo	1(1)	2(1)								
CA	Searles Valley						4(1)				
CA	Southeast Desert Modified AQMA	1,292(2)	1,294(2)				495(2)				
CA	Tuscan Buttes	0(1)	0(1)								
CA	Ventura County	821(1)	823(1)								
CA	Yuba City	0(1)									
CO	Denver-Boulder-Greeley-Ft. Collins-Loveland	3,330(1)	3,330(1)								
CT	Greater Connecticut	1,629(1)	1,629(1)								
DC-MD-VA	Washington	5,136(1)									
GA	Atlanta	3,669(1)									
GU	Piti-Cabras							6(1)	1(1)		
GU	Tanguisson Power Plant								1(1)		
IA	Muscatine County							30(1)			
ID	Pocatello						1(1)				
ID	Shoshone County			7(1)							
IL-IN-WI	Chicago-Joliet-Napier	8,614(1)	9,180(1)								
IN	Evansville							6(1)			
IN	Fort Wayne-Huntington-Auburn							21(1)			
KS	Salina									0(1)	
KY-IN	Louisville	1,061(1)									
LA	Evangeline Parish							0(1)			
LA	New Orleans							36(1)			
MA-NH	Boston-Worcester-Manchester		17(1)								
MD	Baltimore	2,663(1)	2,663(1)								
MI	Allegan County	47(1)						990(1)			
MI	Benton Harbor	157(1)									
MI	Detroit-Ann Arbor	4,705(1)									
MI	Muskegon	147(1)						306(2)			
MN	Minneapolis-St. Paul									9(1)	
MO	Iron, Dent, and Reynolds Counties									0(1)	

State(s)	General Area Name (see note)	2010 Population in 1000s (area count)										
		8-Hour Ozone (2015)	8-Hour Ozone (2008)	PM-2.5 (2012)	PM-2.5 (2006)	PM-2.5 (1997)	PM-10 (1987)	SO ₂ (2010)	SO ₂ (1971)	Lead (2008)	Lead (1978)	
MO-IL	St. Louis	2,236(1)										
MO-KS	Kansas City							62(2)		5(1)	3(1)	
MT	Billings/Laurel							57(1)				
MT	Butte								7(1)			
MT	Lame Deer						34(1)					
MT	Libby					9(1)	1(1)					
MT	Polson (Lake County)						4(1)					
MT	Ronan (Lake County)						3(1)					
MT	Thompson Falls						1(1)					
MT	Whitefish (Flathead County)						6(1)					
NM	Anthony						3(1)					
NM	Sunland Park	13(1)										
NV	Las Vegas	1,892(1)										
NY	Jamestown		135(1)									
NY-NJ-CT	New York-N. New Jersey-Long Island	20,217(1)	20,217(1)									
OH	Cleveland-Akron-Elyria	2,780(1)										
OH-KY-IN	Cincinnati-Middletown-Wilmington	1,929(1)										
OR	Klamath Falls				47(1)							
OR	Oakridge				4(1)		4(1)					
PA	Clearfield and Indiana Counties							93(1)				
PA	Lancaster		519(1)									
PA	Pittsburgh-New Castle		2,356(1)	1,223(1)	21(1)	21(1)		142(2)	5(1)	18(1)		
PA	Reading		411(1)							49(2)		
PA	Warren County							18(1)				
PA-NJ	Allentown-Bethlehem-Easton		712(1)						109(1)			
PA-NJ-DE-MD	Philadelphia-Wilmington-Atlantic City	7,437(1)	7,634(2)									
PR	Arecibo									32(1)		
PR	Guayama-Salinas							23(1)				
PR	San Juan							275(1)				
TN	Johnson City-Kingsport-Bristol							15(1)				
TX	Dallas-Fort Worth	6,202(1)	6,280(1)									
TX	El Paso						649(1)					
TX	Fairfield							4(1)				

State(s)	General Area Name (see note)	2010 Population in 1000s (area count)									
		8-Hour Ozone (2015)	8-Hour Ozone (2008)	PM-2.5 (2012)	PM-2.5 (2006)	PM-2.5 (1997)	PM-10 (1987)	SO ₂ (2010)	SO ₂ (1971)	Lead (2008)	Lead (1978)
TX	Houston-Sugar Land-Baytown	5,773(1)	5,892(1)								
TX	Mount Pleasant							0(1)			
TX	San Antonio	1,715(1)						2(1)			
TX	Tatum										
UT	Provo	516(1)			518(1)						
UT	Salt Lake City	1,616(1)			1,665(1)				1,030(1)		
UT	Tooele County								58(1)		
UT	Uinta Basin	47(1)									
UT-ID	Logan				125(1)						
WI	Manitowoc County	49(1)									
WI	Milwaukee-Racine	70(1)									
WI	Rhineland							18(1)			
WI	Sheboygan	62(1)									
WV-OH	Parkersburg-Marietta							4(1)			
WV-OH	Wheeling							20(1)			
WY	Upper Green River Basin		11(1)								
		2010 Population in 1000s (area count) by Pollutant									
Total Estimated 2010 Population in Nonattainment Areas (1000's)		8-Hour Ozone (2015)	8-Hour Ozone (2008)	PM-2.5 (2012)	PM-2.5 (2006)	PM-2.5 (1997)	PM-10 (1987)	SO ₂ (2010)	SO ₂ (1971)	Lead (2008)	Lead (1978)
Across All Criteria Pollutants: 129,756		122,419 (50)	99,467 (35)	20,949 (6)	31,440 (14)	19,589 (4)	5,797 (25)	2,150 (27)	1,214 (8)	9,554 (10)	3 (1)

The Summary Population Exposure Report is a summary of the population living in an area that is in nonattainment for at least one of the NAAQS.

Area Name:

The "State(s) Area Name" column contains a common or general name for the nonattainment areas on the row, but may not reflect the exact name of any area on the row. This column cannot be exact since the nonattainment area for one pollutant may not contain the same counties, cities, or states as the nonattainment area for another pollutant on the same row. The abbreviations listed in the "State(s)" column reflect all states identified in row. However, some states on a row may be nonattainment for some pollutants and not for others in the general area. A multi-state area with states that have not all been redesignated to maintenance is counted as a nonattainment area until all of the states in the area are redesignated, with the whole area population displayed.

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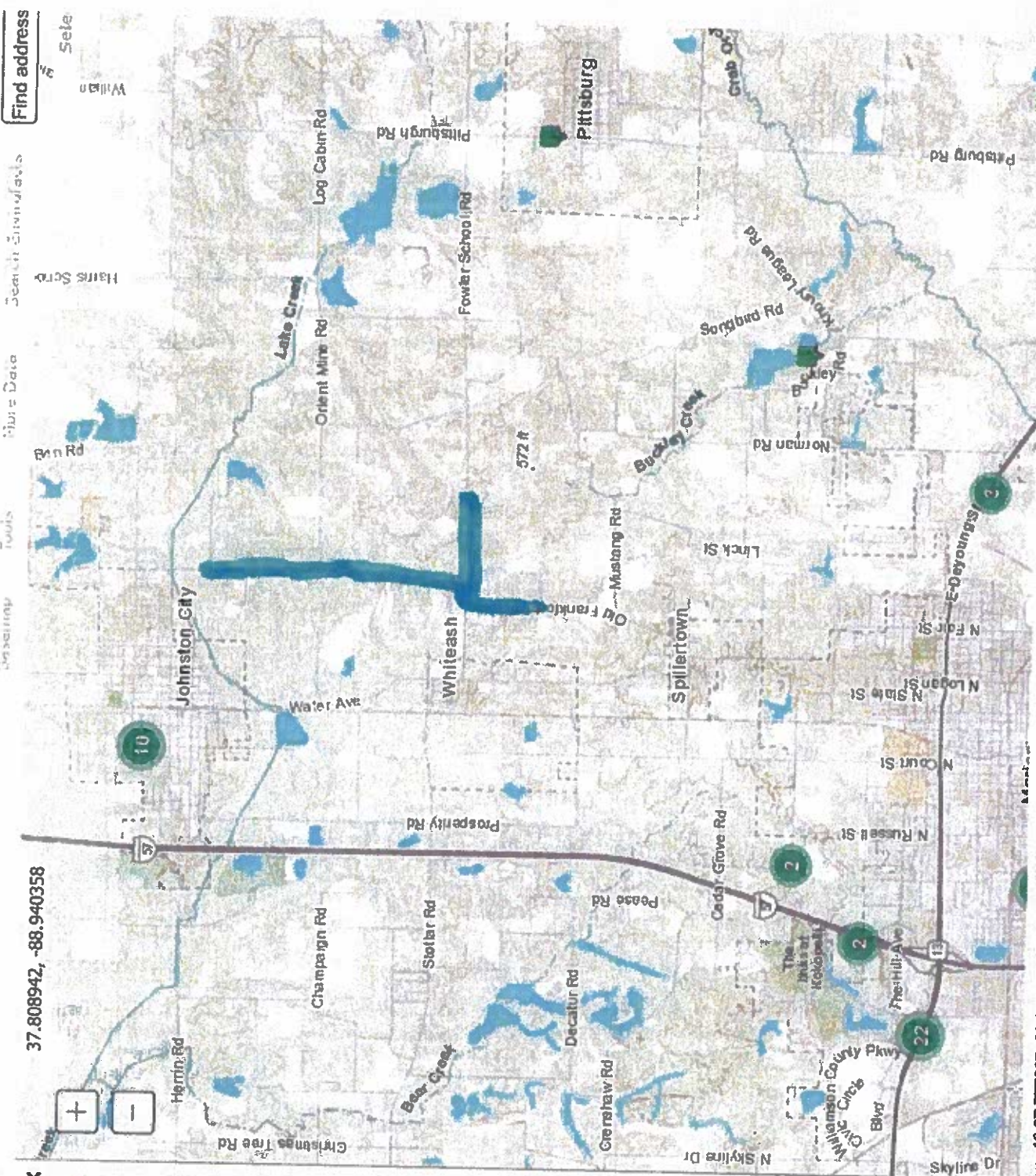
2020-09-30

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PROJECT LOCATION



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 - Superfund Sites (NPL)(0)
 - Toxic Releases (TRI)(5)
 - Hazardous Waste (RCRAInfo)(66)
 - Water Dischargers (NPDES)(23)
 - Brownfields (ACRES)(0)
 - Biennial Reporting (BR)(6)
 - RADInfo(0)
 - Toxic Substances Control Act (TSCA)(1)

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10/19/2020

Location Address: Old Frankfort Road

City Name: Marion

County Name: Williamson

State Abbreviation: IL

No Results found.

Total Number of Facilities Retrieved: 0



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

JB Pritzker, Governor
Colleen Callahan, Director

October 20, 2020

Celeste Sollers
Village of Pittsburg
302 Avery Avenue
P.O. Box 9
Pittsburg, IL 62959 1012

RE: PI Pittsburg Water District
Project Number(s): 2106630 [19-242023]
County: Williamson

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 and 1090 is terminated.

Consultation for Part 1075 is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary. Consultation for Part 1090 (Interagency Wetland Policy Act) is valid for three years.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database and the Illinois Wetlands Inventory at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

Kyle Burkwald
Division of Ecosystems and Environment
217-785-5500

Applicant: Village of Pittsburg
Contact: Celeste Sollers
Address: 302 Avery Avenue
P.O. Box 9
Pittsburg, IL 62959

IDNR Project Number: 2106630
Date: 10/20/2020
Alternate Number: 19-242023

Project: PI Pittsburg Water District
Address: 13626 Old Frankfort Road, Marion

Description: The replacement of 22,050' of 8" asbestos cement water main with approx 10,140' of 8" PVC CL200 trenched, 10,290 of 4" PVC CI200 trenched, 1,300' of 8" PVC CL200 directional bored and 320' of 4" PVC CL200 directional bored water mains.

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location.

Wetland Review (Part 1090)

The Illinois Wetlands Inventory shows wetlands within 250 feet of the project location.

An IDNR staff member will evaluate this information and contact you to request additional information or to terminate consultation if adverse effects are unlikely.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Williamson

Township, Range, Section:

- 8S, 3E, 19
- 8S, 3E, 20
- 8S, 3E, 28
- 8S, 3E, 29
- 8S, 3E, 30
- 8S, 3E, 31
- 8S, 3E, 32
- 8S, 3E, 33
- 9S, 3E, 4
- 9S, 3E, 5



IL Department of Natural Resources
Contact
Kyle Burkwald
217-785-5500
Division of Ecosystems & Environment

Government Jurisdiction
IL Department of Commerce and Economic
Opportunity
Kirk Kumerow
500 E Monroe Street
Springfield, Illinois 62701

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

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1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.
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Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

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Species By County Report

The following report contains Species that are known to or are believed to occur in this county. Species with range unrefined past the state level are now excluded from this report. If you are looking for the Section 7 range (for Section 7 Consultations), please visit the [IPaC](#) application.

County: **Williamson, Illinois**

Need to contact a FWS field office about a species? Follow [this link](#) to find your local FWS Office.

[CSV](#)

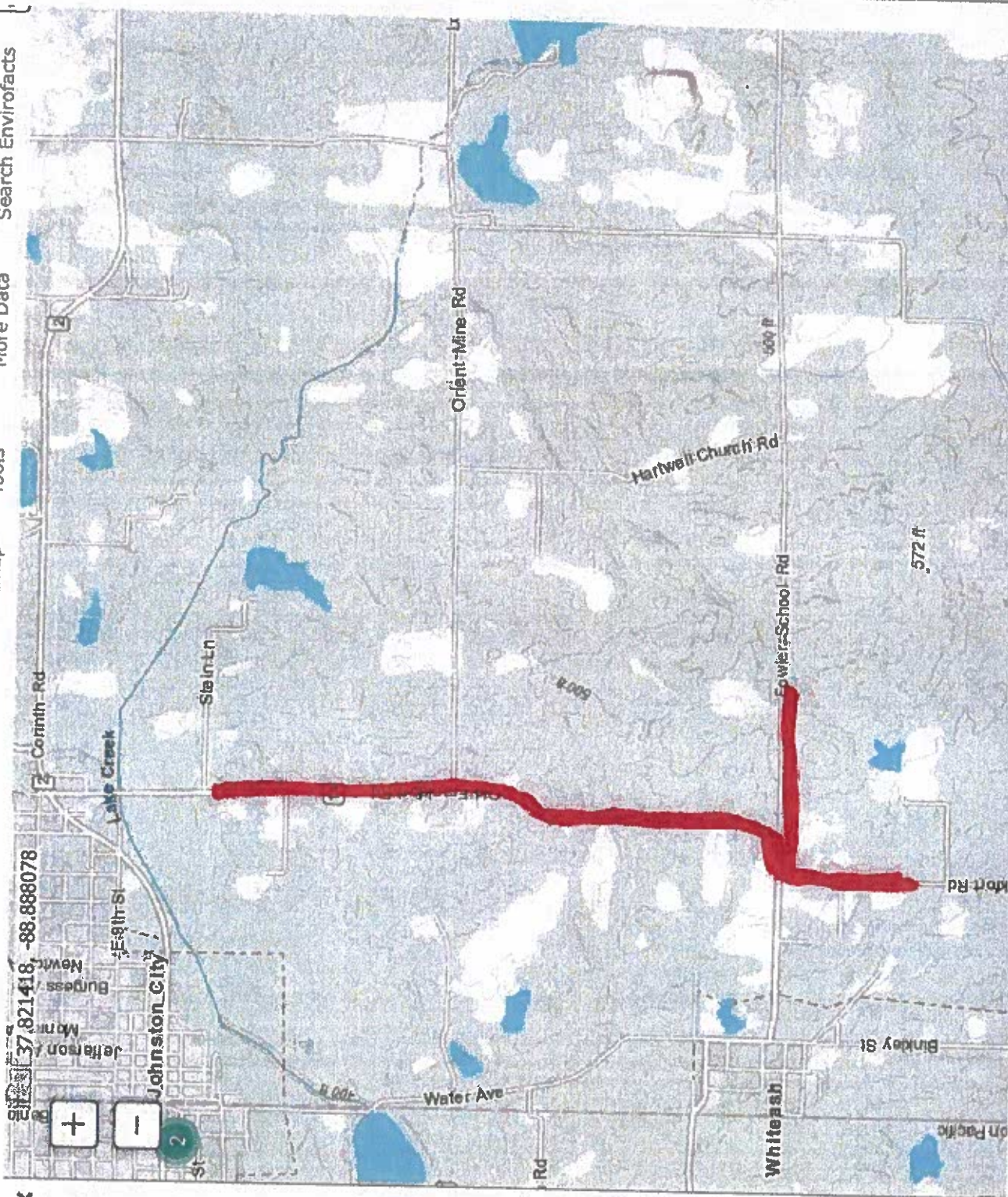
Group	Name	Population	Status	Lead Office	Recovery Plan	Recovery Plan Action Status	Recovery Plan Stage
Mammals	Indiana bat (<u><i>Myotis sodalis</i></u>)	Wherever found	Endangered	Indiana Ecological Services Field Office	<u>Indiana Bat (Myotis sodalis) Draft Recovery Plan: First Revision</u>	<u>Implementation Progress</u>	Draft Revision 1
Mammals	Northern Long-Eared Bat (<u><i>Myotis septentrionalis</i></u>)	Wherever found	Threatened	Minnesota-Wisconsin Ecological Services Field Office			

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- Hazardous Waste (RCRAInfo)(3)
- Water Dischargers (NPDES)(1)
- Brownfields (ACRES)(0)
- Biennial Reporting (BR)(1)
- RADInfo(0)
- Toxic Substances Control Act (TSCA)(0)

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JB Pritzker, Governor
Jerry Costello II, Acting Director

Bureau of Land and Water Resources

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November 16, 2020

Celeste Sollers, Director
Village of Pittsburg
407 N Monroe Street
Marion, IL 62959

Re: Village of Pittsburg (Williamson)
Municipal Water Main Improvements
DCEO CDBG Public Infrastructure Grant Funds

Dear Ms. Sollers:

Thank you for notifying the Illinois Department of Agriculture (IDOA) of Village of Pittsburg's request for Community Development Block Grant (CDBG) Public Infrastructure funds from the Illinois Department of Commerce and Economic Opportunity (DCEO). The IDOA has examined the project for its potential impact to agricultural land to determine its compliance with the Illinois Farmland Preservation Act (505 ILCS 75/1 et seq.). Our analysis also relates to the federal Farmland Protection Policy Act (7 USC 4201 et seq.) which specifies that federal actions affecting farmland conversion shall be consistent with state and local programs to protect farmland.

The Village of Pittsburg plans to replace the existing water mains to improve the water systems' long-range functionality, in addition to the health and safety of the residents. The Village of Pittsburg plans to use DCEO CDBG Grant funds to construct replace 22,050 LF of 8" asbestos cement water mains with 10,140 LF of 8" PVC water main that will be trenched, 10,290 LF of 4" PVC water main also trenched, 1,300 LF of 8" directional bored water main, and 320 LF of 4" directional bored water main, along with other appurtenances. This should better serve the 1,122 residential and 33 commercial customers that utilize these services. All improvements will occur along existing right of ways and existing easements. There should be no permanent impact to agricultural land.

Because the municipal water main improvements are, located within existing easements, minimal affect agricultural land, the IDOA has determined the project complies with the DCEO Agricultural Land Preservation Policy as well as the Illinois Farmland Preservation Act and the federal Farmland Preservation Policy Act.

Sincerely,

A handwritten signature in black ink that reads "Brian Rennecker".

Brian Rennecker, Acting Chief
Bureau of Land and Water Resources

BR:JE

cc: Kirk Kumerow, DCEO
Agency project file



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for Williamson County, Illinois

Pittsburg Water Main Replacement



November 19, 2020































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Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

MAP LEGEND

- Area of Interest (AOI)  Area of Interest (AOI)
- Soils  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points
- Special Point Features
 -  Blowout
 -  Borrow Pit
 -  Clay Spot
 -  Closed Depression
 -  Gravel Pit
 -  Gravelly Spot
 -  Landfill
 -  Lava Flow
 -  Marsh or swamp
 -  Mine or Quarry
 -  Miscellaneous Water
 -  Perennial Water
 -  Rock Outcrop
 -  Saline Spot
 -  Sandy Spot
 -  Severely Eroded Spot
 -  Sinkhole
 -  Slide or Slip
 -  Sodic Spot
- Water Features
 -  Streams and Canals
- Transportation
 -  Rails
 -  Interstate Highways
 -  US Routes
 -  Major Roads
 -  Local Roads
- Background  Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Williamson County, Illinois
 Survey Area Date: Version 15, May 29, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 11, 2012—Mar 14, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit/Symbol	Map Unit Name	Acres in AOI	Percent of AOI
8D2	Hickory silt loam, 10 to 18 percent slopes, eroded	62.1	7.7%
8D3	Hickory clay loam, 10 to 18 percent slopes, severely eroded	24.4	3.0%
10C	Plumfield silty clay loam, 5 to 10 percent slopes	56.6	7.0%
10D	Plumfield silty clay loam, 10 to 18 percent slopes	163.1	19.0%
14B	Ava silt loam, 2 to 5 percent slopes	176.1	21.8%
14C2	Ava silt loam, 5 to 10 percent slopes, eroded	94.8	11.7%
14C3	Ava silty clay loam, 5 to 10 percent slopes, severely eroded	55.7	6.9%
301B	Grantsburg silt loam, 2 to 5 percent slopes	9.6	1.2%
301C2	Grantsburg silt loam, 5 to 10 percent slopes, eroded	37.1	4.6%
301C3	Grantsburg silt loam, 5 to 10 percent slopes, severely eroded	16.7	2.1%
340D2	Zanesville silt loam, 10 to 18 percent slopes, eroded	41.1	5.1%
536	Dumps, mine	1.8	0.2%
908F	Hickory-Kell silt loams, 18 to 35 percent slopes	3.5	0.4%
3108A	Bonnie silt loam, 0 to 2 percent slopes, frequently flooded	5.1	0.6%
3382A	Belknap silt loam, 0 to 2 percent slopes, frequently flooded	63.5	7.9%
W	Water	6.2	0.8%
Totals for Area of Interest		807.2	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named

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according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

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An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Williamson County, Illinois

8D2—Hickory silt loam, 10 to 18 percent slopes, eroded

Map Unit Setting

National map unit symbol: 2w1yt

Elevation: 380 to 820 feet

Mean annual precipitation: 39 to 46 inches

Mean annual air temperature: 54 to 57 degrees F

Frost-free period: 185 to 195 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Hickory and similar soils: 95 percent

Minor components: 5 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Hickory

Setting

Landform: Ground moraines

Landform position (two-dimensional): Backslope, shoulder

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Illinois till

Typical profile

Ap - 0 to 3 inches: silt loam

Bt1 - 3 to 26 inches: clay loam

Bt2 - 26 to 45 inches: clay loam

BC - 45 to 53 inches: clay loam

C - 53 to 60 inches: loam

Properties and qualities

Slope: 10 to 18 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Available water capacity: High (about 10.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: B

Hydric soil rating: No

Custom Soil Resource Report

Minor Components

Atlas

Percent of map unit: 3 percent
Landform: Ground moraines
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Side slope, head slope
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Wakeland

Percent of map unit: 1 percent
Landform: Flood plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Ava

Percent of map unit: 1 percent
Landform: Ridges
Landform position (two-dimensional): Shoulder, summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Convex
Hydric soil rating: No

8D3—Hickory clay loam, 10 to 18 percent slopes, severely eroded

Map Unit Setting

National map unit symbol: 2w1yx
Elevation: 360 to 840 feet
Mean annual precipitation: 36 to 46 inches
Mean annual air temperature: 50 to 58 degrees F
Frost-free period: 165 to 190 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Hickory and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Hickory

Setting

Landform: Ground moraines
Landform position (two-dimensional): Backslope, shoulder
Landform position (three-dimensional): Side slope, nose slope
Down-slope shape: Linear

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Across-slope shape: Linear

Parent material: Illinois till

Typical profile

Ap - 0 to 6 inches: clay loam

Bt - 6 to 41 inches: clay loam

BC - 41 to 48 inches: clay loam

C - 48 to 60 inches: loam

Properties and qualities

Slope: 10 to 18 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Available water capacity: High (about 10.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Ecological site: F115CY0051L - Loess Upland Forest

Hydric soil rating: No

Minor Components

Atlas

Percent of map unit: 3 percent

Landform: Ground moraines

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope, head slope

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: No

Belknap

Percent of map unit: 2 percent

Landform: Flood plains

Landform position (two-dimensional): Toeslope

Landform position (three-dimensional): Base slope

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F115CY0201L - Loamy Floodplain Forest

Hydric soil rating: No

Ava

Percent of map unit: 2 percent

Landform: Ridges

Landform position (two-dimensional): Shoulder, summit

Landform position (three-dimensional): Interfluvium

Down-slope shape: Convex

Across-slope shape: Convex

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Hydric soil rating: No

Marseilles

Percent of map unit: 2 percent

Landform: Ground moraines

Landform position (two-dimensional): Footslope

Landform position (three-dimensional): Base slope

Down-slope shape: Concave

Across-slope shape: Linear

Hydric soil rating: No

Blair

Percent of map unit: 1 percent

Landform: Ground moraines

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope, head slope

Down-slope shape: Concave

Across-slope shape: Linear

Hydric soil rating: No

10C—Plumfield silty clay loam, 5 to 10 percent slopes

Map Unit Setting

National map unit symbol: 2wk11

Elevation: 330 to 820 feet

Mean annual precipitation: 38 to 46 inches

Mean annual air temperature: 54 to 58 degrees F

Frost-free period: 180 to 195 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Plumfield and similar soils: 90 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Plumfield

Setting

Landform: Ground moraines

Landform position (two-dimensional): Shoulder, backslope

Landform position (three-dimensional): Side slope, head slope

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Loess over mixed loess and drift over till

Typical profile

Ap - 0 to 5 inches: silty clay loam

2Btx1 - 5 to 12 inches: silty clay loam

2Btx2 - 12 to 36 inches: silt loam

3Btgb - 36 to 70 inches: silty clay loam

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Properties and qualities

Slope: 5 to 10 percent

Depth to restrictive feature: 5 to 20 inches to fragipan

Drainage class: Moderately well drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Moderately low (0.02 to 0.06 in/hr)

Depth to water table: About 18 to 42 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 5.0

Available water capacity: Very low (about 1.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: D

Hydric soil rating: No

Minor Components

Belknap, occasionally flooded

Percent of map unit: 4 percent

Landform: Flood plains

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: No

Passport, eroded

Percent of map unit: 4 percent

Landform: Hillslopes

Landform position (two-dimensional): Backslope, shoulder

Landform position (three-dimensional): Side slope

Down-slope shape: Convex

Across-slope shape: Linear

Hydric soil rating: No

Bluford

Percent of map unit: 2 percent

Landform: Ground moraines

Landform position (two-dimensional): Summit, shoulder

Landform position (three-dimensional): Rise

Down-slope shape: Convex

Across-slope shape: Convex

Hydric soil rating: No

Custom Soil Resource Report

10D—Plumfield silty clay loam, 10 to 18 percent slopes

Map Unit Setting

National map unit symbol: 2wk1m
Elevation: 330 to 820 feet
Mean annual precipitation: 38 to 46 inches
Mean annual air temperature: 54 to 58 degrees F
Frost-free period: 180 to 195 days
Farmland classification: Not prime farmland

Map Unit Composition

Plumfield and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Plumfield

Setting

Landform: Ground moraines
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Head slope, side slope
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Loess over mixed loess and drift over till

Typical profile

Ap - 0 to 5 inches: silty clay loam
2Btx1 - 5 to 12 inches: silty clay loam
2Btx2 - 12 to 36 inches: silt loam
3Btgb - 36 to 70 inches: silty clay loam

Properties and qualities

Slope: 10 to 18 percent
Depth to restrictive feature: 5 to 20 inches to fragipan
Drainage class: Moderately well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately low (0.02 to 0.06 in/hr)
Depth to water table: About 18 to 42 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 5.0
Available water capacity: Very low (about 1.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: D
Hydric soil rating: No

Custom Soil Resource Report

Minor Components

Bluford

Percent of map unit: 5 percent
Landform: Ground moraines
Landform position (two-dimensional): Summit, shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex
Across-slope shape: Convex
Hydric soil rating: No

Belknap, occasionally flooded

Percent of map unit: 5 percent
Landform: Flood plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

14B—Ava silt loam, 2 to 5 percent slopes

Map Unit Setting

National map unit symbol: 2t95h
Elevation: 360 to 840 feet
Mean annual precipitation: 38 to 46 inches
Mean annual air temperature: 54 to 58 degrees F
Frost-free period: 180 to 195 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Ava and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ava

Setting

Landform: Ridges
Landform position (two-dimensional): Shoulder, summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loess over mixed loess and drift over till

Typical profile

Ap - 0 to 6 inches: silt loam
E - 6 to 14 inches: silt loam
Bt - 14 to 34 inches: silty clay loam
2Btx - 34 to 50 inches: silty clay loam
3Btb - 50 to 79 inches: loam

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Properties and qualities

Slope: 2 to 5 percent
Depth to restrictive feature: 25 to 40 inches to fragipan
Drainage class: Moderately well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately low (0.02 to 0.06 in/hr)
Depth to water table: About 18 to 36 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 5.0
Available water capacity: Moderate (about 6.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: C
Hydric soil rating: No

Minor Components

Bluford

Percent of map unit: 10 percent
Landform: Ground moraines
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

14C2—Ava silt loam, 5 to 10 percent slopes, eroded

Map Unit Setting

National map unit symbol: 2t95l
Elevation: 360 to 840 feet
Mean annual precipitation: 38 to 46 inches
Mean annual air temperature: 54 to 58 degrees F
Frost-free period: 180 to 195 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Ava, eroded, and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ava, Eroded

Setting

Landform: Hillslopes, ridges

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Landform position (two-dimensional): Backslope, shoulder, summit

Landform position (three-dimensional): Side slope, interfluvial

Down-slope shape: Convex

Across-slope shape: Linear, convex

Parent material: Loess over mixed loess and drift over till

Typical profile

Ap - 0 to 9 inches: silt loam

Bt and E - 9 to 28 inches: silty clay loam

Btx - 28 to 36 inches: silty clay loam

2Btx - 36 to 64 inches: silt loam

3Btb - 64 to 78 inches: silt loam

Properties and qualities

Slope: 5 to 10 percent

Depth to restrictive feature: 25 to 40 inches to fragipan

Drainage class: Moderately well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Low to moderately low
(0.01 to 0.06 in/hr)

Depth to water table: About 18 to 36 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 5.0

Available water capacity: Low (about 5.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: C

Hydric soil rating: No

Minor Components

Bluford, eroded

Percent of map unit: 10 percent

Landform: Ground moraines

Landform position (two-dimensional): Shoulder, backslope

Landform position (three-dimensional): Rise

Down-slope shape: Convex

Across-slope shape: Convex

Hydric soil rating: No

14C3—Ava silty clay loam, 5 to 10 percent slopes, severely eroded

Map Unit Setting

National map unit symbol: 11m1b

Elevation: 360 to 660 feet

Mean annual precipitation: 35 to 46 inches

Mean annual air temperature: 54 to 57 degrees F

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Frost-free period: 175 to 195 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Ava, severely eroded, and similar soils: 90 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ava, Severely Eroded

Setting

Landform: Till plains

Landform position (two-dimensional): Backslope, shoulder

Landform position (three-dimensional): Side slope

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Peoria and roxana loess over glacial drift

Typical profile

H1 - 0 to 9 inches: silty clay loam

H2 - 9 to 28 inches: silty clay loam

H3 - 28 to 64 inches: silt loam

H4 - 64 to 78 inches: silt loam

Properties and qualities

Slope: 5 to 10 percent

Depth to restrictive feature: 25 to 40 inches to fragipan

Drainage class: Moderately well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Low to moderately low
(0.01 to 0.06 in/hr)

Depth to water table: About 18 to 42 inches

Frequency of flooding: None

Frequency of ponding: None

Sodium adsorption ratio, maximum: 5.0

Available water capacity: Low (about 4.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: C

Hydric soil rating: No

301B—Grantsburg silt loam, 2 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1m2y

Elevation: 360 to 660 feet

Mean annual precipitation: 35 to 46 inches

Mean annual air temperature: 54 to 57 degrees F

Frost-free period: 175 to 195 days

Farmland classification: All areas are prime farmland

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Map Unit Composition

Grantsburg and similar soils: 90 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Grantsburg

Setting

Landform: Loess hills

Landform position (two-dimensional): Summit, shoulder

Landform position (three-dimensional): Interfluve

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Peoria and roxana loess over residuum

Typical profile

H1 - 0 to 11 inches: silt loam

H2 - 11 to 24 inches: silt loam

H3 - 24 to 38 inches: silty clay loam

H4 - 38 to 61 inches: silt loam

H5 - 61 to 80 inches: silt loam

Properties and qualities

Slope: 2 to 5 percent

Depth to restrictive feature: 24 to 40 inches to fragipan

Drainage class: Moderately well drained

Runoff class: High

*Capacity of the most limiting layer to transmit water (Ksat): Low to moderately low
(0.01 to 0.06 in/hr)*

Depth to water table: About 18 to 42 inches

Frequency of flooding: None

Frequency of ponding: None

Sodium adsorption ratio, maximum: 4.0

Available water capacity: Moderate (about 6.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2e

Hydrologic Soil Group: C

Hydric soil rating: No

301C2—Grantsburg silt loam, 5 to 10 percent slopes, eroded

Map Unit Setting

National map unit symbol: 11m30

Elevation: 340 to 1,020 feet

Mean annual precipitation: 38 to 48 inches

Mean annual air temperature: 54 to 57 degrees F

Frost-free period: 180 to 210 days

Farmland classification: Farmland of statewide importance

Custom Soil Resource Report

Map Unit Composition

Grantsburg, eroded, and similar soils: 90 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Grantsburg, Eroded

Setting

Landform: Loess hills

Landform position (two-dimensional): Shoulder, backslope

Landform position (three-dimensional): Side slope, head slope, interfluve

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Peoria and roxana loess over residuum

Typical profile

H1 - 0 to 7 inches: silt loam

H2 - 7 to 21 inches: silt loam

H3 - 21 to 35 inches: silty clay loam

H4 - 35 to 58 inches: silt loam

H5 - 58 to 80 inches: silt loam

Properties and qualities

Slope: 5 to 10 percent

Depth to restrictive feature: 24 to 40 inches to fragipan

Drainage class: Moderately well drained

Runoff class: High

*Capacity of the most limiting layer to transmit water (Ksat): Low to moderately low
(0.01 to 0.06 in/hr)*

Depth to water table: About 18 to 42 inches

Frequency of flooding: None

Frequency of ponding: None

Sodium adsorption ratio, maximum: 4.0

Available water capacity: Low (about 5.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: C

Hydric soil rating: No

301C3—Grantsburg silt loam, 5 to 10 percent slopes, severely eroded

Map Unit Setting

National map unit symbol: 11m31

Elevation: 340 to 1,020 feet

Mean annual precipitation: 35 to 46 inches

Mean annual air temperature: 54 to 57 degrees F

Frost-free period: 175 to 195 days

Farmland classification: Farmland of statewide importance

Custom Soil Resource Report

Map Unit Composition

Grantsburg, severely eroded, and similar soils: 90 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Grantsburg, Severely Eroded

Setting

Landform: Loess hills
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Side slope, head slope, nose slope
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Peoria and roxana loess over residuum

Typical profile

H1 - 0 to 3 inches: silt loam
H2 - 3 to 19 inches: silt loam
H3 - 19 to 33 inches: silty clay loam
H4 - 33 to 56 inches: silt loam
H5 - 56 to 80 inches: silt loam

Properties and qualities

Slope: 5 to 10 percent
Depth to restrictive feature: 24 to 40 inches to fragipan
Drainage class: Moderately well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately low
(0.01 to 0.06 in/hr)
Depth to water table: About 18 to 42 inches
Frequency of flooding: None
Frequency of ponding: None
Sodium adsorption ratio, maximum: 4.0
Available water capacity: Low (about 5.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: C
Hydric soil rating: No

340D2—Zanesville silt loam, 10 to 18 percent slopes, eroded

Map Unit Setting

National map unit symbol: 11m5w
Elevation: 360 to 680 feet
Mean annual precipitation: 35 to 45 inches
Mean annual air temperature: 54 to 57 degrees F
Frost-free period: 175 to 195 days
Farmland classification: Farmland of statewide importance

Custom Soil Resource Report

Map Unit Composition

Zanesville, eroded, and similar soils: 90 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Zanesville, Eroded

Setting

Landform: Hillslopes

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope, nose slope

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loess over residuum

Typical profile

H1 - 0 to 4 inches: silt loam

H2 - 4 to 19 inches: silty clay loam

H3 - 19 to 39 inches: silt loam

H4 - 39 to 57 inches: channery silt loam

R - 57 to 67 inches: bedrock

Properties and qualities

Slope: 10 to 18 percent

Depth to restrictive feature: 19 to 32 inches to fragipan; 40 to 80 inches to lithic bedrock; 40 to 80 inches to paralithic bedrock

Drainage class: Moderately well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Low to moderately low (0.01 to 0.06 in/hr)

Depth to water table: About 18 to 42 inches

Frequency of flooding: None

Frequency of ponding: None

Sodium adsorption ratio, maximum: 4.0

Available water capacity: Low (about 3.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: D

Hydric soil rating: No

536—Dumps, mine

Map Unit Setting

National map unit symbol: 11m6b

Elevation: 360 to 1,020 feet

Mean annual precipitation: 35 to 46 inches

Mean annual air temperature: 54 to 57 degrees F

Frost-free period: 175 to 225 days

Farmland classification: Not prime farmland

Custom Soil Resource Report

Map Unit Composition

Dumps, mine: 90 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Dumps, Mine

Setting

Parent material: Mine spoil, industrial refuse or slag

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8

Hydric soil rating: No

Minor Components

Orthents, loamy

Percent of map unit: 10 percent

Landform position (two-dimensional): Backslope, shoulder, summit

Down-slope shape: Convex

Across-slope shape: Convex

Hydric soil rating: No

908F—Hickory-Kell silt loams, 18 to 35 percent slopes

Map Unit Setting

National map unit symbol: 1m0n

Elevation: 360 to 660 feet

Mean annual precipitation: 35 to 46 inches

Mean annual air temperature: 54 to 57 degrees F

Frost-free period: 175 to 195 days

Farmland classification: Not prime farmland

Map Unit Composition

Hickory and similar soils: 50 percent

Kell and similar soils: 40 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Hickory

Setting

Landform: Till plains

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loamy till

Custom Soil Resource Report

Typical profile

- H1 - 0 to 3 inches: silt loam*
- H2 - 3 to 16 inches: silt loam*
- H3 - 16 to 43 inches: clay loam*
- H4 - 43 to 80 inches: loam*

Properties and qualities

- Slope: 18 to 35 percent*
- Depth to restrictive feature: More than 80 inches*
- Drainage class: Well drained*
- Runoff class: High*
- Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)*
- Depth to water table: More than 80 inches*
- Frequency of flooding: None*
- Frequency of ponding: None*
- Calcium carbonate, maximum content: 10 percent*
- Sodium adsorption ratio, maximum: 2.0*
- Available water capacity: High (about 10.8 inches)*

Interpretive groups

- Land capability classification (irrigated): None specified*
- Land capability classification (nonirrigated): 6e*
- Hydrologic Soil Group: B*
- Hydric soil rating: No*

Description of Kell

Setting

- Landform: Till plains*
- Landform position (two-dimensional): Shoulder, backslope*
- Landform position (three-dimensional): Side slope*
- Down-slope shape: Linear*
- Across-slope shape: Linear*

Typical profile

- H1 - 0 to 3 inches: silt loam*
- H2 - 3 to 7 inches: silt loam*
- H3 - 7 to 13 inches: clay loam*
- H4 - 13 to 35 inches: very channery silt loam*
- Cr - 35 to 60 inches: bedrock*

Properties and qualities

- Slope: 18 to 35 percent*
- Depth to restrictive feature: 20 to 40 inches to paralithic bedrock*
- Drainage class: Well drained*
- Runoff class: High*
- Capacity of the most limiting layer to transmit water (Ksat): Low to high (0.01 to 2.00 in/hr)*
- Depth to water table: More than 80 inches*
- Frequency of flooding: None*
- Frequency of ponding: None*
- Available water capacity: Low (about 5.2 inches)*

Interpretive groups

- Land capability classification (irrigated): None specified*
- Land capability classification (nonirrigated): 6e*

Custom Soil Resource Report

Hydrologic Soil Group: C
Hydric soil rating: No

3108A—Bonnie silt loam, 0 to 2 percent slopes, frequently flooded

Map Unit Setting

National map unit symbol: 2tbrt
Elevation: 330 to 820 feet
Mean annual precipitation: 36 to 46 inches
Mean annual air temperature: 52 to 57 degrees F
Frost-free period: 190 to 225 days
Farmland classification: Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

Map Unit Composition

Bonnie, frequently flooded, and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Bonnie, Frequently Flooded

Setting

Landform: Flood plains
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Dip
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Alluvium

Typical profile

Ap - 0 to 10 inches: silt loam
Cg1 - 10 to 27 inches: silt loam
Cg2 - 27 to 79 inches: silt loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: FrequentNone
Frequency of ponding: Frequent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water capacity: Very high (about 12.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: C/D

Custom Soil Resource Report

Hydric soil rating: Yes

Minor Components

Belknap, frequently flooded

Percent of map unit: 10 percent

Landform: Flood plains

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: No

3382A—Belknap silt loam, 0 to 2 percent slopes, frequently flooded

Map Unit Setting

National map unit symbol: 2tbrv

Elevation: 330 to 490 feet

Mean annual precipitation: 35 to 46 inches

Mean annual air temperature: 54 to 57 degrees F

Frost-free period: 175 to 200 days

Farmland classification: Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

Map Unit Composition

Belknap, frequently flooded, and similar soils: 90 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Belknap, Frequently Flooded

Setting

Landform: Flood plains

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Silty alluvium

Typical profile

Ap - 0 to 7 inches: silt loam

Bw - 7 to 59 inches: silt loam

Bg - 59 to 79 inches: silt loam

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Somewhat poorly drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.20 to 2.00 in/hr)

Depth to water table: About 6 to 24 inches

Frequency of flooding: FrequentNone

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Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water capacity: Very high (about 12.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: B/D
Hydric soil rating: No

Minor Components

Bonnie, frequently flooded

Percent of map unit: 5 percent
Landform: Flood plains
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Tailf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: Yes

Plopolis, frequently flooded

Percent of map unit: 5 percent
Landform: Flood plains
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Tailf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: Yes

W—Water

Map Unit Composition

Water: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Water

Setting

Landform: Lakes, oxbows, rivers, channels, perennial streams, drainageways

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8w

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