Illinois
Department of Commerce
& Economic Opportunity
OFFICE OF COMMUNITY DEVELOPMENT
Bruce Rauner, Governor

July 23, 2018

Honorable Duane Sapp
Village President
Village of Watson
P.O. Box 127
Watson, IL 62473-0127

COPY

Re: Pending CDBG Public Infrastructure Grant #17-242035 for $103,425.00 in Illinois CDBG funding, to construct a replacement of the Maple Street municipal sewer lift station of the Village of Watson, Effingham County, IL. The lift station is located on the west side of North Maple Street, just south of its intersection with Sunset Drive (39.027, -88.564).

Dear Honorable Sapp:

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,

David Wortman, Deputy Director
Bureau of Community Development

cc: Steve Pamperin
Lee Beckman

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DETERMINATION OF LEVEL OF CDBG ENVIRONMENTAL REVIEW

PART A

Grantee/Applicant Community: Village of Watson Grant # or Program Year: 17-242035

Project Name: Watson Targeted Sanitary Sewer System Construction Improvement Project

Project Location (City, State): Watson, IL 62473

Project Description:
The project consists of construction of removing and replacing an existing lift station, related piping, seeding and all related appurtenances located on west side of North Maple Street, just south of its intersection with Sunset Drive in the Village of Watson (Effingham County, Illinois). The total estimated construction costs of $103,425 will be funded as follows: $103,425 CDBG grant funds. The construction is planned to start in the Fall of 2018 and planned to be completed by Spring/Summer 2019.

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)(8)( )
*See attached Finding of Exempt Activity (05/18/17 Exempt Environmental Review)

☐ **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) (1)( )( )
*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: Steve Pamperin, Manager / SP Consulting LLC Date: 05/14/2018

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

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

☐ 2. Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons [58.35(a)(2)]

☐ 3. Rehabilitation of buildings and improvements when the following conditions are met:

- ☐ i. In the case of a building for residential use (with one to four units), the density is not increased beyond four units, the land use is not changed, and the footprint of the building is not increased in a floodplain or in a wetland [58.35(a)(3)(i)]
- ☐ ii. In the case of multifamily residential buildings, unit density is not changed more than 20 percent, the project does not involve changes in land use from residential to non-residential, and the estimated cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation [58.35(a)(3)(ii)]
- ☐ iii. In the case of non-residential structures, including commercial, industrial, and public buildings, the facilities and improvements are in place and will not be changed in size or capacity by more than 20 percent, and the activity does not involve a change in land use, such as from non-residential to residential, commercial to industrial, or from one industrial to another [58.35(a)(3)(iii)]

☐ 4(i). An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between [58.35(a)(4)(i)]. [This section does not apply to rehabilitation of a building for residential use (with one to four units)].

☐ 4(ii). An individual action on a project of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site [58.35(a)(4)(ii)]. [This section does not apply to rehabilitation of a building for residential use (with one to four units)].

☐ 5. Acquisition (including leasing) or disposition of, or equity loans on an existing structure, or acquisition (including leasing) of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use [58.35(a)(5)]

☐ 6. Combinations of the above activities [58.35(a)(6)]

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

Environmental Review for Activity/Project that is Categorically Excluded Subject to Section 58.5

Pursuant to 24 CFR 58.35(a)

Project Information

Project Name: Watson Targeted Sanitary Sewer System Construction Improvement Project

Responsible Entity: Village of Watson, Illinois

Grant Recipient (if different than Responsible Entity):

State/Local Identifier: Grant #17-242035

Preparer: Steve Pamperin, Manager / Steve Pamperin Consulting LLC

Certifying Officer Name and Title: Duane Sapp, Village Board President

Consultant (if applicable): Lee Beckman, P.E. Project Engineer / Milano and Grunloh Engineers

Direct Comments to: Steve Pamperin, 22 Circle Drive, Charleston, IL 61920

Project Location: Municipal sewer lift station at a point on west side of North Maple Street, just south of its intersection with Sunset Drive in Watson, Effingham County, Illinois {39.027, -88.564}.

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]**:** The project consists of construction of removing and replacing an existing lift station, related piping, seeding and all related appurtenances located on west side of North Maple Street, just south of its intersection with Sunset Drive in the Village of Watson (Effingham County, Illinois). The total estimated construction costs of $103,425 will be funded as follows: $103,425 CDBG grant funds. The construction is planned to start in the Fall of 2018 and planned to be completed by Spring/Summer 2019.

Level of Environmental Review Determination:
Categorically Excluded per 24 CFR 58.35(a), and subject to laws and authorities at §58.5:
58.35(a)(1): *Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets) [58.35(a)(1)].*

Funding Information

Grant Number	HUD Program	Categorically Excluded Amount
17-242035	State CDBG	$103,425

Estimated Total HUD Funded Amount: $103,425

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: $103,425, divided as follows:

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

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes ☐ No ☒	No sale or acquisition of property will occur and not near Airport see www.airport-data maps attached.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes ☐ No ☒	*Illinois is not a covered state under these Acts.*
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 ☒	*The project is exempt pursuant to Section 58.6(a)(3), because it is funded through a HUD formula grant made to a state.*

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 ☒	Not affected, See IEPA sign off letter 06/07/2018 and Illinois non-attainment areas sheets
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes ☐ No ☒	Not applicable, see attached Illinois Coastal Zone Map
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes ☐ No ☒	See attached US EPA Envirofacts search results. There are no listed reporters in the project area. There are two additional listed reporters in the wider review area which are the Watson WTP and Total Grain site. None will impact lift station replacement.
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes ☐ No ☒	06/27/2018 IDNR sign off-no endangered species and 06/22/2018 US Fish and Wildlife sign off concurrence letter – no tree removal less than 3" dbh between April 1 and September 30.
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes ☐ No ☒	See attached US EPA Envirofacts search results. Construction project doesn't involve a hazardous facility, and will not increase residential densities or conversion.
Farmland Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes ☐ No ☒	06/06/2018 IL Dept of Ag sign off letter; and USDA WSS search results. No farm land will be converted.
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes ☐ No ☒	8-Step Floodplain and Wetland review is not required as the project area does not involve crossing wetlands or floodplains. (see map and review) - see attached FEMA Firmette showing FEMA (170974A / February 2, 1979) showing project area and HUD Floodplain Management Checklist.
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes ☐ No ☒	07/10/2018 SHPO sign off letter and completed Section 106 Tribal Consultation Checklist including 06/13/2018 Miami Tribe of Oklahoma sign off letter.

Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes ☐ No ☒	The project does not involve housing construction or rehabilitation.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes ☐ No ☒	Not near Designated Sole Source Aquifer (see map)
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes ☐ No ☒	06/27/2018 IDNR sign off (06/13/2018 ECO Cat) and US Fish and Wildlife National Wetlands Inventory Map showing review area with wetland listed. Project area does not cross a designated wetland.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes ☐ No ☒	Not near Designated Wild and Scenic River (see map).
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes ☐ No ☒	See attached US EPA EJ View search results

Field Inspection (Date and completed by): Project Engineer Milano and Grunloh Engineers (Jake Beckman) (06/12/2018).

Summary of Findings and Conclusions: After a review of the environmental assessment, it has been determined that the best action is to use the existing Village property and facilities for these proposed improvements, using construction methods that offer minimal impact to environment, in order to address the health and safety threats posed by the existing facilities.

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
Endangered Species	No tree removal less than 3" diameter between April 1st and September 30th.
Historic Preservation	Stop construction and notify law enforcement, Miami Tribe of Oklahoma and SHPO if human skeletal remains or cultural artifacts are discovered.

Determination:

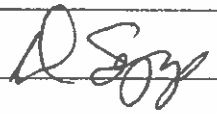
☒ This categorically excluded activity/project converts to **EXEMPT** per Section 58.34(a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license; **Funds may be committed and drawn down after certification of this part** for this (now) EXEMPT project; OR

☐ This categorically excluded activity/project cannot convert to Exempt status because one or more statutes or authorities listed at Section 58.5 requires formal consultation or mitigation. Complete consultation/mitigation protocol requirements, **publish NOI/RROF and obtain "Authority to Use Grant Funds"** (HUD 7015.16) per Section 58.70 and 58.71 before committing or drawing down any funds; OR

☐ This project is not categorically excluded OR, if originally categorically excluded, is now subject to a full Environmental Assessment according to Part 58 Subpart E due to extraordinary circumstances (Section 58.35(c)).

Preparer Signature: Date: 07/23/2018

Name/Title/Organization: Steve Pamperin, Manager, Steve Pamperin Consulting, LLC

Certifying Officer Signature:  Date: 07/23/2018

Name/Title: Duane Sapp, Village Board President

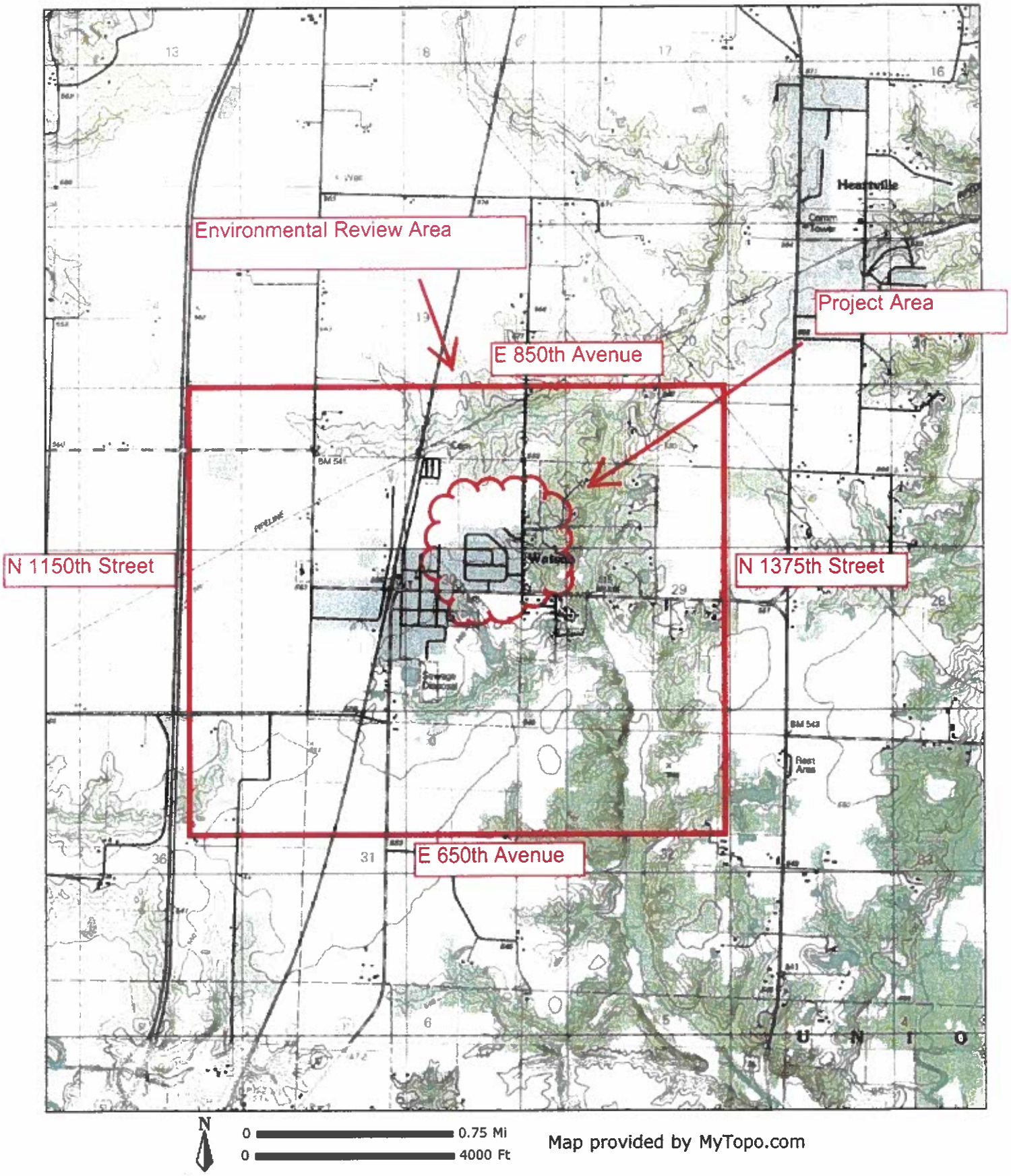
This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

Compliance Documentation Checklist for Categorically Excluded (Subject to 58.5) or Environmental Assessment (EA)

Grantee	Village of Watson	Grant # 17-242035	

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; **(06/07/2018)**
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 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*)
		And If Non-Residential property is being acquired or developed by a CDBG ED or RLF project, complete:
	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 **(06/13/2018) / IDNR Sign off 06/27/2018**
X		US F+WS Endangered Species review information **(06/22/2018)**
		Explosive and Flammable Hazards
X		Completed US EPA Enviro Mapper for Envirofacts documentation of project area
	X	HUD – Explosive and Flammable Hazards (CEST and EA) Worksheet (*For ED/RLF Projects Only*)
		Farmland Protection
X		IDOA Clearance Letter citing Federal Farmland Protection Policy Act **(06/06/2018)**
X		USDA Web Soil Survey (WSS) search results **(06/27/2018)**
		Floodplain Management
X		FEMA Firmette with Project Location clearly marked
	X	HUD – Floodplain Management (CEST and EA) Worksheet (if a Flood Plain or floodway is located 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.
		Historic Preservation
X		IL Historic Preservation Agency Section 106 Clearance Letter **(07/10/2018)**
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 **(emailed all: 06/09/18 – 07/09/2018)**
		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.
		Wetland Protection
X		IL DNR EcoCat Wetlands Release from Consultation **(06/13/2018) / IDNR Sign off 06/27/2018**
X		USF+WS Wetlands Inventory Map of Project Site(s) **(05/13/2018)**
	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 Vermilion River, near Danville.
ENVIRONMENTAL JUSTICE		
		Environmental Justice
X		Completed US EPA EJScreen documentation of project location.


Environmental Review Area
Project Area
E 850th Avenue
N 1150th Street
N 1375th Street
E 650th Avenue
Heartville
Watson
Sewage Disposal
Rest Area
PIPELINE
N
0 0.75 Mi
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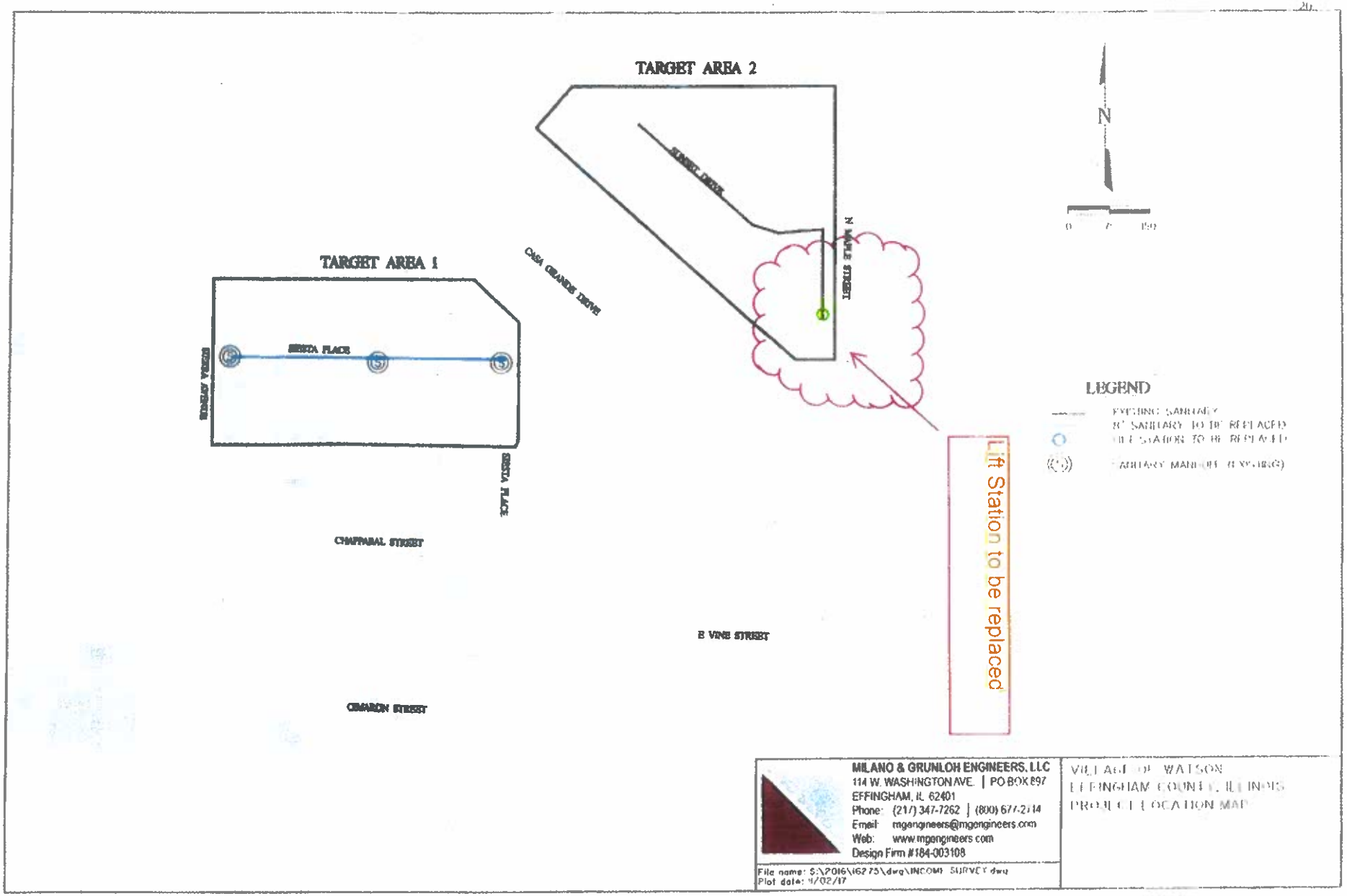
Map provided by MyTopo.com


TARGET AREA 2
TARGET AREA 1
SUNSET DRIVE
N MAPLE STREET
CASA GRANDE DRIVE
SIESTA PLACE
SIESTA PLACE
CHAPPARAL STREET
E VINE STREET
CIMARON STREET
N
LEGEND
Lift Station to be replaced
MILANO & GRUNLOH ENGINEERS, LLC
114 W. WASHINGTON AVE. | PO BOX 897
EFFINGHAM, IL 62401
Phone: (217) 347-7262 | (800) 677-2714
Email: mgengineers@mgengineers.com
Web: www.mgengineers.com
Design Firm #184-003108
File name: S:\2016\16275\dwg\INCOME SURVEY.dwg
Plot date: 11/02/17
VILLAGE OF WATSON
EFFINGHAM COUNTY, ILLINOIS
PROJECT LOCATION MAP

I. KEY POINTS SUMMARY

This pre-narrative summary section is intended to briefly address the key points listed above required in the project summary. This summary is followed by a detailed narrative addressing these key points in further detail.

Describe the project – What is being proposed and why. What threat to health & safety is being addressed? How long has the problem existed?

The Village of Watson is applying for a $200,000 Community Development Block Grant Program (CDBG) Public Infrastructure grant to construct approximately 455 lineal feet of 8" sanitary sewer lines, 250 lineal feet of 6" sanitary sewer service lines, manholes, road work, seeding, lift station, and all related costs located in two target areas of the Village (Illustrated on the Project Map).

This project has two defined target areas in the Village for this grant application and makes up the project area (see map). Target Area 1 generally includes the construction of new sewer lines along Siesta Place and Target Area 2 generally includes the construction of the Village's lift station at North Maple Street. The lift station in Target Area 2 only serves the residents shown in Target Area 2. These two target areas were selected as the residents in these defined areas will benefit from these improvements.

The proposed construction of the identified sanitary sewer lines and lift station are being proposed in order to alleviate a current threat to the health and safety of the residents in the target areas. With the construction of these improvements, the health and safety threat will be addressed. The Village of Watson has experienced multiple breakdowns to the Maple Street Lift Station. These multiple breakdowns are documented in the operators log and have cost the Village a financial burden to keep the lift station in operation. These multiple breakdowns have led to several sewer overflows witnessed by local residents who have written letters expressing their concerns about the raw sewage overflowing in the ditch leading to foul smells. In addition to the lift station failures, the Village has a section of sewer main that has plugged numerous times due to collapsed pipe and root infiltration – thus exposing these residents to an unsafe condition. These problems have been occurring over the past several years and they are existing, continual and chronic to the residents.

The Village of Watson's lift station on North Maple Street has exceeded its life expectancy. The Village has performed numerous repairs to keep it operational over many years (see operator log and repair bills). Local residents have expressed dissatisfaction with the foul smells that are emitted when the station backs up with raw sewerage (see letters on pages 80 and 81). The replacement of this lift station is necessary to help alleviate the threat to health and safety that plagues the local residents.

Describe the project area, including legal boundaries. Who is being affected and how?

This project area are the targeted areas in the northeast portion of the Village of Watson and this was determined by the project engineer as these residents are affected by these failures and will benefit from these improvements (see project map for boundaries). We have included a project map with this application in order to illustrate the project area. The residents in these target areas are being affected by plugged sanitary sewer lines and lift station failures.

This project area was determined by the project engineer as the likely culprit of the sanitary sewer system failures. The sanitary sewer lines in this area have failed and the lift station has failed and are causing the health and safety threats to the residents.

The project structure (i.e., will the residents be direct customers of the water district or is an agreement needed, what is source of water, who will treat wastewater, etc.)

The residents of these target areas will benefit from these proposed improvements. The Village of Watson is responsible to these residents and customers for the operation of the sanitary sewer system and the health and safety of its residents.

The degree to which present conditions affect public health and safety
The severity and immediacy of the problem
Whether the project is necessary to comply with state or federal regulations

The degree of the present conditions shows the health and safety threat is immediate as the system has failed. This is shown with the sewer overflows and other area backups from the sanitary sewer system; and with the failures at the lift station, including numerous repair bills and information provided by letters from local residents. This is raw sewage that has not been treated and exposed the residents to an immediate threat. The Village has not received any state or federal violation notices at this time, however, many of the Village's sewer lines identified for construction and the lift station have failed.

Justification of the local government's need for CDBG assistance in relation to its overall financial capability, including discussion of outstanding indebtedness

As of the April 30, 2017 ending audit, the Village's Sewer Fund has $134,000 of cash and cash equivalents which is less than this grant amount request. According to this audit, the Village has $57,640 of outstanding loan and interest payments due with its Sewer Fund. With all these factors, it is apparent that the Village is in financial need of this CDBG grant.

II. INTRODUCTION

The Village of Watson is applying for a $200,000 CDBG Public Infrastructure Construction grant to construct approximately 455 lineal feet of 8" sanitary sewer lines, 250 lineal feet of 6" sanitary sewer service lines, manholes, road work, seeding, lift station, and all related costs located in two target areas of the Village (Illustrated on the Project Map).

The project engineer has identified seriously deteriorated old sanitary sewer lines for replacement and has identified construction related to the lift station at North Maple Street. This grant is for construction of sanitary sewer system improvements in two specified target areas in the northeastern section of the Village.

CDBG Project: The total CDBG project is estimated to be $200,000 to be paid 100% with grant funds.

The health and safety threats and related improvements are directly within these target areas. The proposed project will serve two target areas of Village residents, or 20 households. This represents an estimated 46 persons. Of these, an estimated 41 people (or 89.52%) are considered low-to-moderate income. This project was selected because of the high concentration of low-to-moderate income persons, the Village's need for financial assistance, the community effort and support for the project, and the obvious health and safety threat to the residents.

III. THE SPECIFIC PROBLEM AND THE CAUSE OF THE PROBLEM

The Village of Watson is currently experiencing major deficiencies and problems in its sanitary sewer system. All health and safety documentation is included on pages 76-86. The problems can be traced to sewer lines and the lift station located in the project area.

The Village of Watson has experienced multiple breakdowns to the Maple Street Lift Station. These multiple breakdowns are documented in the operators log and have cost the Village a financial burden to keep the lift station in operation. These multiple breakdowns have led to several sewer overflows witnessed by local residents who have written letters expressing their concerns about the raw sewage overflowing in the ditch leading to foul smells. In addition to the lift station failures, the Village has a section of sewer main that has plugged numerous times due to collapsed pipe and root infiltration.

According to Village officials (and as shown on the sewer overflows in the project area), the system regularly breaks down and raw sewage backs up in the collection system. This backup causes raw sewage to overflow into local ditches. The Village's Sewer Superintendent also provided an operator's log detailing the existing problems and failures and repairs related to the lift station on North Maple Street. The attached operator's log details numerous service calls related to failures of the lift station in the past 2 years. These issues include failures of the lift station pump which have caused the Village to manually pump the lift station, reset, clean and complete other maintenance tasks on at least 68 occasions since December 2015. In addition, the attached repair bills show over $11,000 has been spent on the lift station to third party contractors since July 2016 alone. This leads to a severe threat to the health and safety of local residents.

Milano and Grunloh Engineers, LLC have identified the deficiencies and what remedies could be taken to resolve these issues. These deficiencies contribute to the Village's health and safety threats causing infiltration and overflows throughout the system. The sewer lines that need to be replaced are noted on the project maps included in the application. The project map also shows the location of the lift station that is identified for replacement. It was concluded that significant health and safety threats are occurring within the collection system. The sewer lines and the lift station located and identified for replacement in this application and are shown in the project maps.

The specific action items identified are the construction of these lines and lift station in order to alleviate the severe health and safety issues.

IV. WHO IS MOST AFFECTED BY THE PROBLEM AND HOW SEVERELY

The people who are most affected by this problem are the residents within the identified target areas in the Village of Watson – where the proposed sanitary sewer improvements will occur. The problems caused by the system deficiency have caused serious environmental pollution and are a continued threat of the health and safety to the residents of Watson.

The current sewer system for the Village of Watson exposes the residents to a severe health and safety threat every time raw sewage backs up. Raw sewage spills over into the nearby ditches exposing the residents to contamination of E. Coli bacteria, hepatitis, etc. The only way to relieve the residents of this threat is to replace the sewer lines and the identified lift station.

V. WHEN THE PROBLEM FIRST BECAME APPARENT AND WHAT THE LONG-TERM CONSEQUENCES ARE IF NO ACTION IS TAKEN

The problems with the sewer system have been apparent over the past several years. Thousands of dollars have been spent on the sewer system and several portions of the sewer system have been replaced, in order to try to continue to operate the failing system (see operator log and several maintenance receipts attached).

These problems are existing, continual and chronic, and will continue to be a serious health and safety threat until the problems are corrected and improvements are made to the sewer system. The long term consequences include the threat of continued environmental pollution and the risks of disease from raw sewage spills in the Village.

VI. WHAT LOCAL EFFORTS HAVE TAKEN PLACE TO RESOLVE THE PROBLEM AND WHY THEY HAVE BEEN INADEQUATE

The Village of Watson installed their sewer system in the 1960's. The system consists of clay and PVC pipe collection system, three pump stations, and a waste water treatment plant. The Village has performed the operation and maintenance over the last 50 years on the sewer system. The Village has full time employees but most of the work with the sewer system must be hired out.

The problems with the sewer system have been apparent over the past several years. Thousands of dollars have been spent on the sewer system and several portions of the sewer system have been replaced, in order to try to continue to operate the failing system and in maintaining the failing lift station. These repairs cost

the Village a significant amount of local funds in order to temporarily address the worsening problems. It will be impossible for the Village to continue this trend. The dilapidated state of these sewer lines and lift station in the project area result in frequent breakdowns, which cause backups and spillage of raw sewage into nearby ditches. The high cost to continue to band-aid these sewer lines and the northeast lift station is putting a financial strain on the Village residents along with the threat to their health and safety from sewage backup.

The Village has been very diligent in doing proper operation and maintenance of the sewer system. The problem is that the components have simply reached the end of their useful life and cannot keep up with the large amount of infiltration the system is experiencing.

VII. COMMUNITY POVERTY AND BENEFIT TO LOW-TO-MODERATE INCOME PERSONS

The proposed project will serve 20 households and an estimated 46 persons. Of these, an estimated 41 people (or 89.52%) are considered low-to-moderate income. This project was selected because of the high concentration of low-to-moderate income persons, a health and safety threat to the residents, the Village's need for financial assistance and the community effort and support for the project.

VIII. DOCUMENTATION OF THREAT TO HEALTH AND SAFETY

As detailed in the aforementioned Project Summary, there is a major health and safety threat to the residents within the project area in the Village of Watson due to a deficiency in the Village's sanitary sewer system. When the sewer system breaks down, sewer backs up in the system resulting in overflows of raw sewage into local ditches and basements. This leads to a severe threat to the health and safety of local residents. All Health and Safety Documentation (as detailed previously in the Problem Statement) is included in this application.

This portion of the collection system consists of clay pipe, which is highly susceptible to cracking and root infiltration. These dilapidated clay pipes lead to collapsed sewer mains backing sewage up into the system. All of these deficiencies in the collection system lead to high volumes of infiltration, which overload the system. The Village of Watson has experienced multiple breakdowns to the Maple Street Lift Station. These multiple breakdowns have led to several sewer overflows witnessed by local residents who have written letters expressing their concerns about the raw sewage overflowing in the ditch leading to foul smells.

These problems are existing, continual and chronic, and will continue to be a serious health and safety threat until the problems are corrected and improvements are made to the sewer system. The long term consequences include the threat of continued environmental pollution and the risks of disease from raw sewage spills in the Village.

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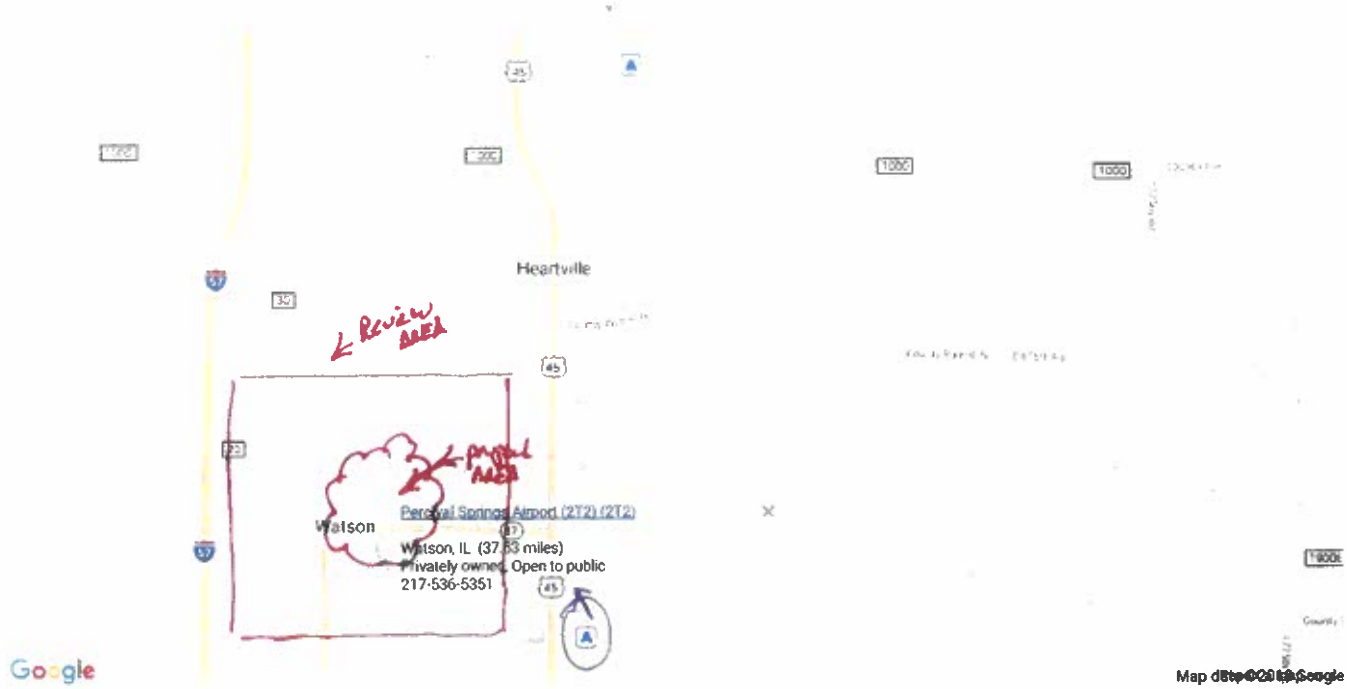

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397
BRUCE RAUNER, GOVERNOR ALEC MESSINA, DIRECTOR

June 7, 2018

Mr. Lee Beckman, P.E.
Milano & Grunloh Engineers, LLC
114 West Washington Avenue
Effingham, IL 62401

JUN 1 1 2018

RE: Village of Watson, Effingham County, IL

Dear Mr. Beckman,

The Agency has no objections to the proposed project; however, a Construction Permit for the sanitary sewer project is required from the Division of Water Pollution Control.

In addition, 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.

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

Cordially,

Alec Messina

Alec Messina
Director

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120

9511 Harrison St., Des Plaines, IL 60016 (847)294-4000
412 SW Washington St., Suite D, Peoria, IL 61602 (309)671-3022
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200
100 W. Randolph, Suite 10-300, Chicago, IL 60601

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

Data is current as of May 31, 2018

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

* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 $\mu g/m^3$) 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)

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Important Notes

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/ County FIPS Codes
ILLINOIS								
Cook County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92939495969798990001020304	//	Severe 17	Whole	5,194,675	17/031
Cook County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	040506070809 1011	08/13/2012	Moderate	Whole	5,194,675	17/031
Cook County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12 13 14 15 16 17 18	//	Moderate	Whole	5,194,675	17/031
Cook County	Lead (2008)	Chicago, IL	11 12 13 14 15 16 17	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	050607080910 11 12	10/02/2013 *	Former Subpart 1	Whole	5,194,675	17/031
Cook County	Sulfur Dioxide (2010)	Lemont, IL	13 14 15 16 17 18	//		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	040506070809 1011	08/13/2012	Moderate	Whole	916,924	17/043
DuPage County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12 13 14 15 16 17 18	//	Moderate	Whole	916,924	17/043
DuPage County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	050607080910 11 12	10/02/2013 *	Former Subpart 1	Whole	916,924	17/043
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	040506070809 1011	08/13/2012	Moderate	Part	20,519	17/063
Grundy County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12 13 14 15 16 17 18	//	Moderate	Part	20,519	17/063

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or Part County	Population (2010)	State/ County FIPS Codes
Grundy County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	05 06 07 08 09 10 11 12	10/02/2013 *	Former Subpart 1	Part	20,519	17/063
Jersey County	1-Hour Ozone (1979) -NAAQS revoked	Jersey Co. IL	92 93 94	04/13/1995	Marginal	Whole	22,985	17/083
Jersey County	8-Hour Ozone (1997) -NAAQS revoked	St. Louis, MO-IL	04 05 06 07 08 09 10 11	06/12/2012	Moderate	Whole	22,985	17/083
Kane County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92 93 94 95 96 97 98 99 00 01 02 03 04	/ /	Severe 17	Whole	515,269	17/089
Kane County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	04 05 06 07 08 09 10 11	08/13/2012	Moderate	Whole	515,269	17/089
Kane County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12 13 14 15 16 17 18	/ /	Moderate	Whole	515,269	17/089
Kane County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	05 06 07 08 09 10 11 12	10/02/2013 *	Former Subpart 1	Whole	515,269	17/089
Kendall County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92 93 94 95 96 97 98 99 00 01 02 03 04	/ /	Severe 17	Part	30,355	17/093
Kendall County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	04 05 06 07 08 09 10 11	08/13/2012	Moderate	Part	52,377	17/093
Kendall County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12 13 14 15 16 17 18	/ /	Moderate	Part	52,377	17/093
Kendall County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	05 06 07 08 09 10 11 12	10/02/2013 *	Former Subpart 1	Part	52,377	17/093
LaSalle County	PM-10 (1987)	Oglesby, IL	92 93 94 95	10/07/1996	Moderate	Part	3,862	17/099
Lake County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92 93 94 95 96 97 98 99 00 01 02 03 04	/ /	Severe 17	Whole	703,462	17/097
Lake 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	703,462	17/097
Lake County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12 13 14 15 16 17 18	/ /	Moderate	Whole	703,462	17/097
Lake County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	05 06 07 08 09 10 11 12	10/02/2013 *	Former Subpart 1	Whole	703,462	17/097
Madison County	1-Hour Ozone (1979) -NAAQS revoked	St. Louis, MO-IL	92 93 94 95 96 97 98 99 00 01 02	05/12/2003	Serious	Whole	269,282	17/119
Madison County	8-Hour Ozone (1997) -NAAQS revoked	St. Louis, MO-IL	04 05 06 07 08 09 10 11	06/12/2012	Moderate	Whole	269,282	17/119
Madison County	8-Hour Ozone (2008)	St. Louis-St. Charles-Farmington, MO-IL	12 13 14 15 16 17	03/01/2018 [Split]	Marginal	Whole	269,282	17/119

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Madison County	Lead (2008)	Granite City, IL	10 11 12 13 14 15 16 17	03/28/2018		Part	38,901	17/119
Madison County	PM-10 (1987)	Granite City, Nameoki Twsp, IL	92 93 94 95 96 97	05/11/1998	Moderate	Part	35,652	17/119
Madison County	PM-2.5 (1997)	St. Louis, MO-IL	05 06 07 08 09 10 11 12 13 14 15 16 17 18	/ /	Moderate	Whole	269,282	17/119
Madison County	Sulfur Dioxide (2010)	Alton Township, IL	16 17 18	/ /		Part	0	17/119
McHenry County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92 93 94 95 96 97 98 99 00 01 02 03 04	/ /	Severe 17	Whole	308,760	17/111
McHenry County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	04 05 06 07 08 09 10 11	08/13/2012	Moderate	Whole	308,760	17/111
McHenry County	8-Hour Ozone (2008)	Chicago-Naperville, IL-IN-WI	12 13 14 15 16 17 18	/ /	Moderate	Whole	308,760	17/111
McHenry County	PM-2.5 (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	05 06 07 08 09 10 11 12	10/02/2013 *	Former Subpart 1	Whole	308,760	17/111
Monroe County	1-Hour Ozone (1979) -NAAQS revoked	St. Louis, MO-IL	92 93 94 95 96 97 98 99 00 01 02	05/12/2003	Serious	Whole	32,957	17/133
Monroe County	8-Hour Ozone (1997) -NAAQS revoked	St. Louis, MO-IL	04 05 06 07 08 09 10 11	06/12/2012	Moderate	Whole	32,957	17/133
Monroe County	8-Hour Ozone (2008)	St. Louis-St. Charles-Farmington, MO-IL	12 13 14 15 16 17	03/01/2018 [Split]	Marginal	Whole	32,957	17/133
Monroe County	PM-2.5 (1997)	St. Louis, MO-IL	05 06 07 08 09 10 11 12 13 14 15 16 17 18	/ /	Moderate	Whole	32,957	17/133
Peoria County	Sulfur Dioxide (1971)	Hollis Township, IL	92 93 94	06/05/1995		Part	2,032	17/143
Peoria County	Sulfur Dioxide (1971)	Peoria, IL	92 93 94	06/05/1995		Part	127,507	17/143
Peoria County	Sulfur Dioxide (2010)	Pekin, IL	13 14 15 16 17 18	/ /		Part	1,881	17/143
Randolph County	PM-2.5 (1997)	St. Louis, MO-IL	05 06 07 08 09 10 11 12 13 14 15 16 17 18	/ /	Moderate	Part	1,453	17/157
St. Clair County	1-Hour Ozone (1979) -NAAQS revoked	St. Louis, MO-IL	92 93 94 95 96 97 98 99 00 01 02	05/12/2003	Serious	Whole	270,056	17/163
St. Clair County	8-Hour Ozone (1997) -NAAQS revoked	St. Louis, MO-IL	04 05 06 07 08 09 10 11	06/12/2012	Moderate	Whole	270,056	17/163
St. Clair County	8-Hour Ozone (2008)	St. Louis-St. Charles-Farmington, MO-IL	12 13 14 15 16 17	03/01/2018 [Split]	Marginal	Whole	270,056	17/163
St. Clair County	PM-2.5 (1997)	St. Louis, MO-IL	05 06 07 08 09 10 11 12 13 14 15 16 17 18	/ /	Moderate	Whole	270,056	17/163
Tazewell County	Sulfur Dioxide (1971)	Groveland Township (Tazewell County), IL	92 93 94	06/05/1995		Part	22,991	17/179
Tazewell County	Sulfur Dioxide (2010)	Pekin, IL	13 14 15 16 17 18	/ /		Part	39,313	17/179

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Will County	1-Hour Ozone (1979) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	92939495969798990001020304	//	Severe 17	Whole	677,560	17/197
Will County	8-Hour Ozone (1997) -NAAQS revoked	Chicago-Gary-Lake County, IL-IN	04050607080910 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	//	Moderate	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
Will County	Sulfur Dioxide (2010)	Lemont, IL	13 14 15 16 17 18	//		Part	147,803	17/197
Williamson County	Sulfur Dioxide (2010)	Williamson County, IL	16 17 18	//		Whole	66,357	17/199

Summary Nonattainment Area Population Exposure Report

Data is current as of May 31, 2018

Ordered by state(s)

The NO_2 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.

State (s)	General Area Name (see note)	2010 Population in 1000s (area count)								
		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)						
AL	Troy								2(1)	
AZ	Ajo					9(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	3,850(1)				3,853 (1)				
AZ	Rillito (Pima County)					1(1)				
AZ	West Pinal			52(1)		283(1)				
AZ	Yuma					101(1)				
CA	Amador and Calaveras Cos (Central Mountain Cos)	46(1)								
CA	Chico	220(1)		218(1)						
CA	Imperial County	175(1)	154(1)	154(1)		147(1)				
CA	Los Angeles-South Coast Air Basin	15,723 (3)	15,716 (1)	15,716 (1)	15,716 (1)				9,437 (1)	
CA	Mariposa and Tuolumne Cos (Southern Mountain Cos)	18(1)								
CA	Mono County					0(1)				
CA	Nevada Co. (Western Part)	82(1)								
CA	Owens Valley					7(1)				
CA	Plumas County		6(1)							
CA	Sacramento Metro	2,241(1)		2,206 (1)						
CA	San Diego	3,095(1)								

State (s)	General Area Name (see note)	2010 Population in 1000s (area count)								
		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 Francisco-Bay Area	6,973(1)		6,971 (1)						
CA	San Joaquin Valley	3,938(2)	3,842 (1)	3,842 (1)	3,842 (1)	126(1)				
CA	San Luis Obispo	2(1)								
CA	Searles Valley					4(1)				
CA	Southeast Desert Modified AQMA	1,294(2)				495(2)				
CA	Tuscan Buttes	0(1)								
CA	Ventura County	823(1)								
CO	Denver-Boulder-Greeley-Ft. Collins-Loveland	3,330(1)								
CT	Greater Connecticut	1,629(1)								
DC-MD-VA	Washington	5,136(1)								
FL	Jacksonville						6(1)			
FL	Lakeland-Winter Haven						2(1)			
FL	Tampa-St. Petersburg-Clearwater						17(1)		4(1)	
GU	Piti-Cabras						6(1)	1(1)		
GU	Tanguisson Power Plant							1(1)		
IA	Council Bluffs								13(1)	
IA	Muscatine County						30(1)			
ID	Pocatello					1(1)				
ID	Shoshone County		7(1)			11(2)				
IL	Peoria						41(1)			
IL	Williamson County						66(1)			
IL-IN-WI	Chicago-Joliet-Napier	9,180(1)					169(1)			
IN	Evansville						6(1)			
IN	Fort Wayne-Huntington-Auburn						21(1)			
IN	Indianapolis						410(2)			
IN	Muncie								1(1)	
IN	Terre Haute						54(1)			
KS	Salina								0(1)	
KY-IN	Louisville						3(1)			
LA	Evangeline Parish						0(1)			
LA	New Orleans						36(1)			
MA-NH	Boston-Worcester-Manchester	17(1)					124(1)			
MD	Baltimore	2,663(1)					990(1)			

State (s)	General Area Name (see note)	2010 Population in 1000s (area count)								
		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)
MI	Detroit-Ann Arbor						306(2)			
MN	Minneapolis-St. Paul								9(1)	
MO	Iron, Dent, and Reynolds Counties								0(1)	
MO-IL	St. Louis	2,571(1)			2,573 (1)		62(2)		5(1)	3(1)
MO-KS	Kansas City						57(1)			
MT	Billings/Laurel							7(1)		
MT	Butte					34(1)				
MT	Columbia Falls (Flathead County)					5(1)				
MT	East Helena							3(1)		3(1)
MT	Kalispell (Flathead County)					18(1)				
MT	Lame Deer					1(1)				
MT	Libby				9(1)	3(1)				
MT	Missoula					60(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)				
NY	Jamestown	135(1)								
NY-NJ-CT	New York-N. New Jersey-Long Island	20,217 (1)				1,586 (1)				
OH	Cleveland-Akron-Elyria		1,581 (1)				230(1)			
OH-WV	Steubenville-Weirton						58(1)			
OR	Klamath Falls			47(1)						
OR	Oakridge			4(1)		4(1)				
PA	Clearfield and Indiana Counties						93(1)			
PA	Harrisburg-Lebanon-Carlisle		134(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)		

State (s)	General Area Name (see note)	2010 Population in 1000s (area count)								
		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)
PA-NJ-DE-MD	Philadelphia-Wilmington-Atlantic City	7,634(2)	559(1)							
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	6,280(1)								
TX	El Paso					649(1)				
TX	Fairfield						4(1)			
TX	Houston-Sugar Land-Baytown	5,892(1)								
TX	Mount Pleasant						0(1)			
TX	Tatum						2(1)			
UT	Ogden					83(1)				
UT	Provo			518(1)		517(1)				
UT	Salt Lake City			1,665 (1)		1,030 (1)		1,030 (1)		
UT	Tooele County							58(1)		
UT-ID	Logan			125(1)						
WI	Rhinelander						18(1)			
WI	Sheboygan	116(1)								
WV-OH	Parkersburg-Marietta						4(1)			
WV-OH	Wheeling						20(1)			
WY	Upper Green River Basin	11(1)								

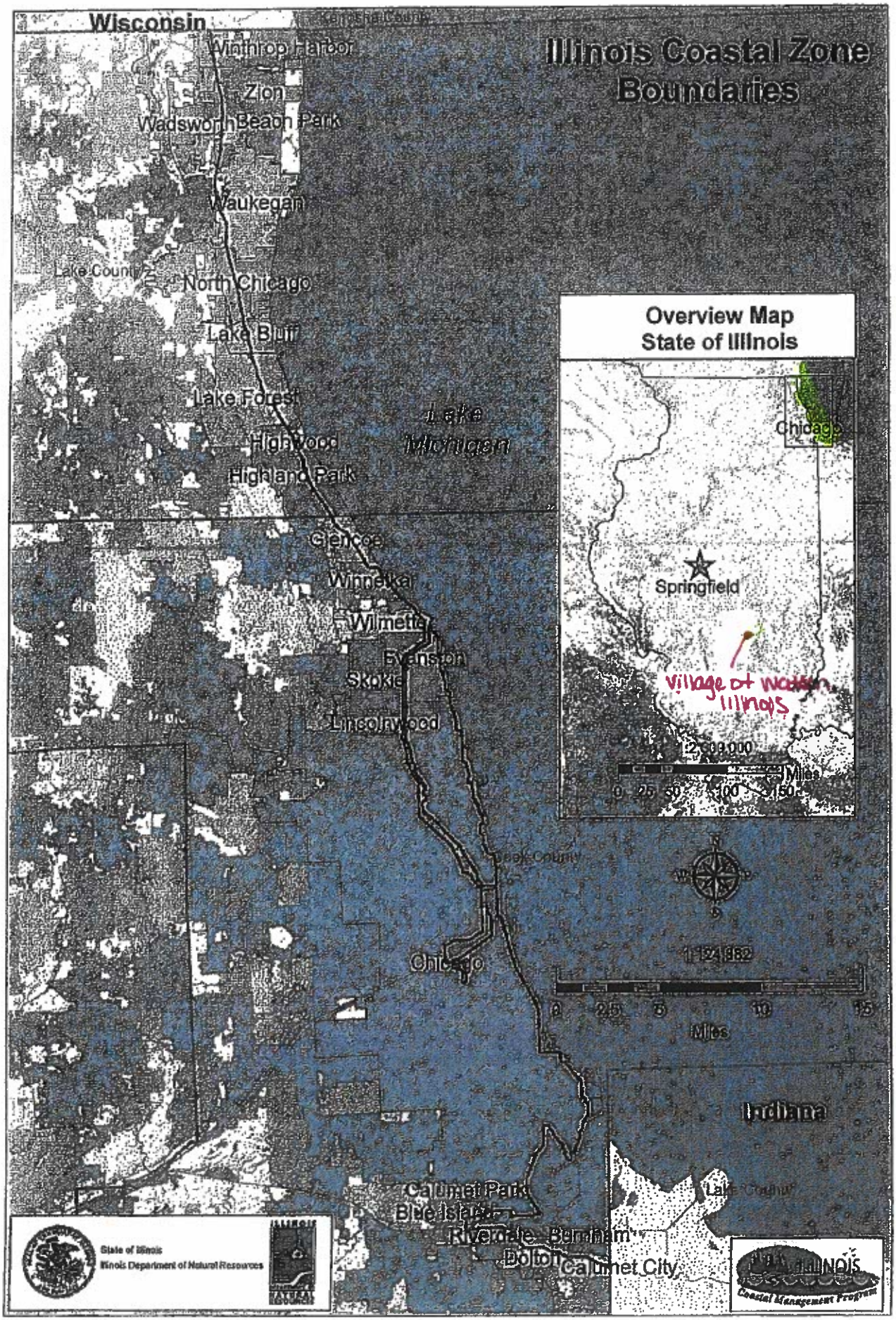
Total Estimated 2010 Population in Nonattainment Areas (1000's)	2010 Population in 1000s (area count) by Pollutant								
	8-Hour Ozone (2008)	PM-2.5 (2012)	PM-2.5 (2006)	PM-2.5 (1997)	PM-10 (1987)	SO_2 (2010)	SO_2 (1971)	Lead (2008)	Lead (1978)
Across All Criteria Pollutants: 114,772	107,290 (38)	23,223 (9)	31,658 (15)	22,161 (5)	9,118 (36)	3,332 (40)	1,217 (9)	9,575 (14)	5 (2)

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.


Illinois Coastal Zone Boundaries
Wisconsin
Kenosha County
Winthrop Harbor
Zion
Wadsworth
Beach Park
Waukegan
Lake County
North Chicago
Lake Bluff
Lake Forest
Lake Michigan
Highwood
Highland Park
Glencoe
Winnetka
Wilmette
Evanston
Skokie
Lincolnwood
Cook County
Chicago
Indiana
Lake County
Calumet Park
Blue Island
Riverdale
Burnham
Dolton
Calumet City
Overview Map
State of Illinois
Chicago
Springfield
Village of Wadsworth, Illinois
2,309,000
0 25 50 100 150
Miles
1:124,882
0 2.5 5 10 15
Miles
State of Illinois
Illinois Department of Natural Resources
ILLINOIS
Coastal Management Program

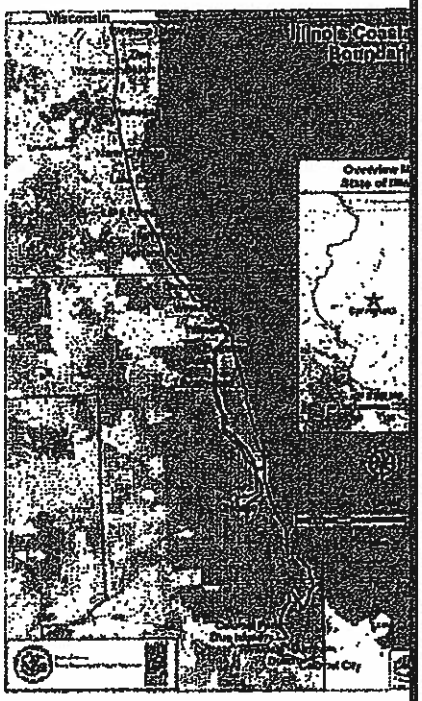
5/2/2013

Illinois DNR Coastal Management Program

Coastal Management Program (ICMP)

Overview

On January 31, 2012, the Illinois Coastal Management Program (ICMP) received Federal approval from the National Oceanic Atmospheric Administration, Office of Ocean and Coastal Resources Management. Illinois joins a total of 29 coastal states and five island territories that have developed CZM programs and represent more than 99.9 percent of the nation's 95,331 miles of oceanic and Great Lakes coastline.



Illinois is dedicated to protecting and managing the natural and cultural resources along our magnificent 63 mile stretch of Lake Michigan shoreline. During the last two centuries, Illinois' coast has undergone nearly a complete metamorphosis with its monumental hydrologic modifications, enormous industrial impacts, building of an excellent transportation infrastructure, and creation of skyscrapers that grace our shoreline. With all these changes, it is remarkable that our coastal resources still contain some of the richest, rarest and most diverse complex of plant and animal species and natural habitat areas in the state.

Our shoreline is highly urbanized and has been subject to considerable stress from intense land use and competition to serve the economic and workforce needs and demands of this densely populated area. Lake and Cook counties are currently home to 6 million people and are projected to be home to nearly 6.8 million people by 2030. It is estimated that more than 20 million visitors visit the Lake Michigan shoreline each year. Illinois Beach State Park alone has over 2 million visitors annually. Lake Michigan provides water supply to nearly 7 million Illinois residents (over half of the state's entire population).

The environmental legacy of our industrial sites and the needs and demands of a growing and vibrant urban community create a complex set of issues to balance as we invest in programs that seek to restore our ecosystems and meet the increasing demands for open space, recreation, and public access.

Coastal Management Program Priorities

The ICMP will initially focus on efforts to address the following program areas which are also outlined in the Gre Regional Collaboration Strategy. The ICMP will describe desired outcomes, prioritize strategies for achieving th suggest site specific projects:

- Invasive Species. The ICMP will include mitigation and long term sustainable solutions to terrestrial invasive Strategies for controlling aquatic invasive species will initially focus on the Chicago and Sanitary Ship Canal hydrologic/ecological separation of the Illinois River basin from the Lake Michigan basin.
- Habitat, Ecosystems and Natural Area Restoration. The ICMP will address the undeveloped portions of shor Cook and Lake Counties immediately north of Chicago to the Wisconsin state line. These areas include, Nor Marina & Illinois Beach State Park including the Dead River & Kellogg Creek Watersheds, Waukegan Beach Bluff forest preserve, and wooded ravines along the Lake Michigan bluffs. The Chicago River & North Shore River Corridors & Wilmette Harbor are increasingly important habitat corridors and will be included in the IC the South Side of the City of Chicago, the Little Calumet & Grand Calumet River corridors, Lake Calun Calumet River and the surrounding wetland areas are an important habitat area but also contain some of th degraded industrial areas. These areas will also be addressed.
- Areas of Concern. Waukegan harbor is the one designated AOC in Illinois. Six of 14 use impairments have be identified for the Waukegan AOC. The impairments include restrictions on fish and wildlife consumption, benth degradation, restrictions on dredging, beach closings, degradation of phytoplankton populations and loss of fi wildlife habitat. The ICMP will develop a priority list for projects in Waukegan Harbor, Waukegan Lakefront & Waukegan River Watershed to remove these impairments.
- Persistent Bio-accumulative Toxins. Toxic issues in northeastern Illinois are generally legacy issues from our industrial past. They are mostly well documented and tend to be concentrated in the river sediments, brownfi and superfund sites. The ICMP will develop site specific strategies for each property and develop priorities for term restoration strategies as appropriate.
- Sustainable Development. The Illinois coast is primarily urban with the few exceptions mentioned previously. ICMP will focus on the development of strategies to mitigate and adapt to climate change, including reducing individual carbon footprints, and the expanding the use of our natural resources to act as natural carbon sink
- Non-point source. Non-point source pollution is primarily related to storm-water management which for the m part is managed, treated and ultimately discharged away from the Lake Michigan Basin. Despite the investme billions of dollars over the decades, basement flooding, and diversions of untreated sewage into Lake Michiga not uncommon across the region. The ICMP will facilitate an important discussion of expanding the use of gre infrastructure to control storm-water, promote groundwater recharge and reduce flooding.
- Information and Indicators. The ICMP will identify existing and ongoing data collections and indicators. It will identify gaps in data and develop priorities for future data collection efforts. The ICMP will also assist in the collaborative development of sustainability indicators for the region.
- Public Access and Recreation. Illinois' shoreline is increasingly used for recreation at unprecedented levels. Th demand for public access to the lake and recreation resources has outstripped the supply and this demand wi continue to grow in the future. There will always be a need for expanded and improved recreational facilities services. The ICMP will provide technical and financial assistance to acquire new, add or improve public recre sites and facilities, and to create new or improve public access sites.
- Economic Development. Our coastal communities are essential components of a strong Illinois economy. The will provide assistance to improve management programs and support state and local government efforts to i and designate areas especially suited for water-related economic development and in redeveloping port and waterfront areas. The ICMP will provide technical and financial assistance in the regional planning process for transmission and transportation routes.

How can the ICMP benefit coastal communities?

Illinois is eligible to receive approximately $2 million per year, which will fund a grants program to implem projects. Local and state agencies and non-profit organizations would be eligible to apply for and receive fund examples of how other States/communities have used these funds include:

- low-cost construction projects such as dune walkovers and boat launches
- planning and creation of beach access points
- reinvigorating economically depressed waterfront areas
- preventing and monitoring beach erosion
- providing technical assistance on shore protection and bluff stabilization
- providing assistance for local planning in coastal areas

The types of activities that can be funded are broadly defined and will be left to the creativity of state governments and organizations, as long as the goals of the ICMP are addressed and the projects occur within

Boundary.

Key IDNR staff who assisted in developing the ICMP and preparing the necessary documents for program approval

Todd Main, Federal Consistency Coordinator

Diane Tecic, Coastal Program Manager

Rachel Sudimack, Green Marinas Program Coordinator

The ICMP will initially focus on efforts to address the following program areas which are also outlined in the Gre Regional Collaboration Strategy. The ICMP will describe desired outcomes, prioritize strategies for achieving th suggest site specific projects: Illinois is eligible to receive approximately $2 million per year, which will fund program to implement local projects. Local and state agencies and non-profit organizations would be eligible to and receive funds. A few examples of how other States/communities have used these funds include:The types of that can be funded are broadly defined and will be left to the creativity of state and local governments and orgar as long as the goals of the ICMP are addressed and the projects occur within the ICMP Boundary.Key IDNR s assisted in developing the ICMP and preparing the necessary documents for program approval are:

Envirofacts Search Results | ..

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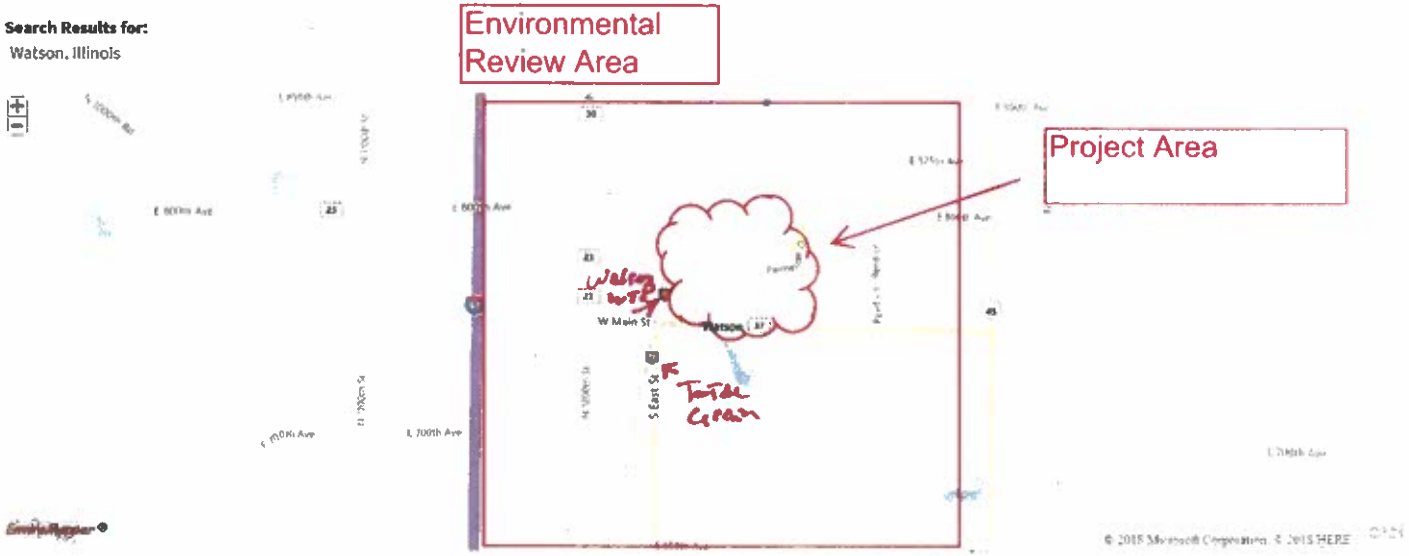
Search Results for:
Watson, Illinois



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- Model
- Data Update
- Multisystem Search User Guide
- Contact Us

The facility list below is based upon the facilities that are visible with the map above. To refine your search to a more targeted area of interest, please visit the Envirofacts Multisystem Search Form. To search Envirofacts via an interactive map, please view your results in EnviroMapper for Envirofacts

List of EPA-Regulated Facilities in Envirofacts

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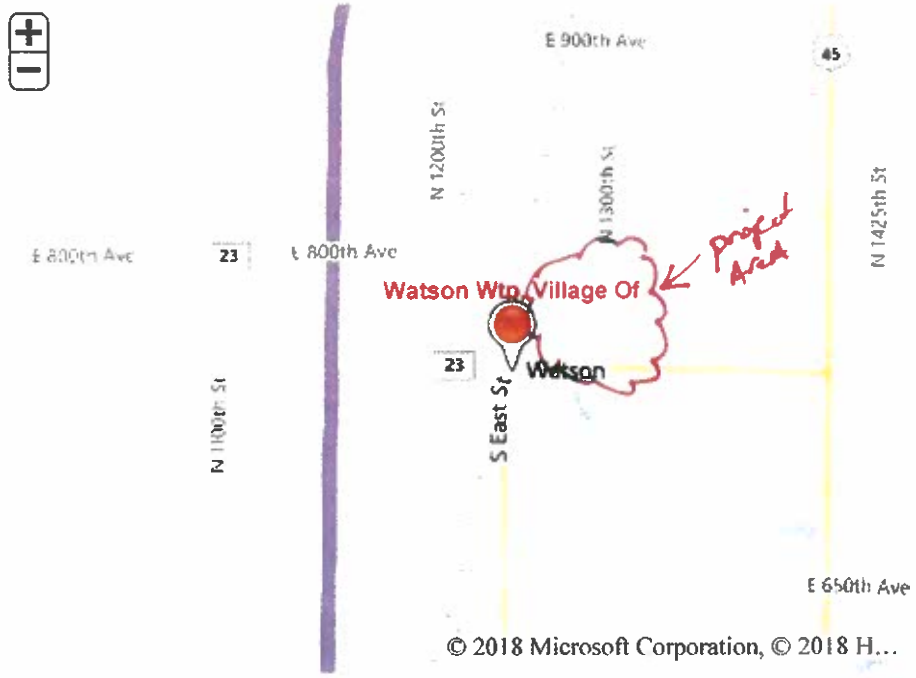
Showing 1 to 2 of 2 entries *Show* 10 *entries* *Search:*

First Previous 1 *Next Last*

WATSON WTP, VILLAGE OF
MONROE STREET
WATSON, IL 62473



**You can navigate within the map with your mouse.*

EPA Facility Information

This query was executed on JUL-22-2018

Integrated Compliance Information System (ICIS)

Facility

FACILITY NAME (1)	WATSON WTP, VILLAGE OF	**NPDES**	ILG580056
STREET 1	MONROE STREET	**SIC CODE**	4952 = Sewerage Systems
CITY	WATSON	**MAJOR / MINOR**	
COUNTY NAME	Effingham	**TYPE OF OWNERSHIP**	Municipal or Water District

STATE	IL	**ACTIVITY STATUS**	Effective
ZIP CODE	62473	**INACTIVE DATE**	
REGION	Region 5	**TYPE OF PERMIT ISSUED**	General Permit Covered Facility
LATITUDE	39.0199	**ORIGINAL PERMIT ISSUE DATE**	01-JUL-1994
LONGITUDE	-88.5712	**PERMIT ISSUED DATE**	20-MAY-2014
LAT/LON CODE OF ACCURACY	30	**PERMIT EXPIRED DATE**	30-JUN-2018
LAT/LON METHOD			
LAT/LON SCALE		**USGS HYDRO BASIN CODE**	
LAT/LON DATUM		**FLOW**	.37
RECEIVING WATERS	UNNAMED TRIB TO WABASH RIVER	**FEDERAL GRANT IND**	N
PRETREATMENT CODE		**SLUDGE CLASS FAC IND**	POTW
MAILING NAME	WATSON STP, VILLAGE OF	**SLUDGE RELATED PERMIT NUM**	
MAILING STREET (1)	PO BOX 127	**ANNUAL DRY SLUDGE PROD**	
MAILING STREET (2)			
MAILING CITY	WATSON		

MAILING STATE	Illinois		
MAILING ZIP CODE	624730127		
COGNIZANT OFFICIAL	GENE SLIGAR	**COGNIZANT OFFICIAL TEL**	2175366711

This facility has permits to discharge the following chemical/substances through the points (pipes) listed in the table below:

PARAMETER CODE	PARAMETER DESCRIPTION	NUMBER OF DISCHARGE POINTS
7782505	Chlorine, total residual	3
	Coliform, fecal general	1
	BOD, carbonaceous [5 day, 20 C]	3
7782447	Oxygen, dissolved [DO]	1
	pH	3
7664417	Nitrogen, ammonia total [as N]	1
	Flow, in conduit or thru treatment plant	6
	BOD, 5-day, 20 deg. C	3
	Solids, total suspended	6

Additional Information can be obtained from Water Discharge Permit Information **ICIS** Search.

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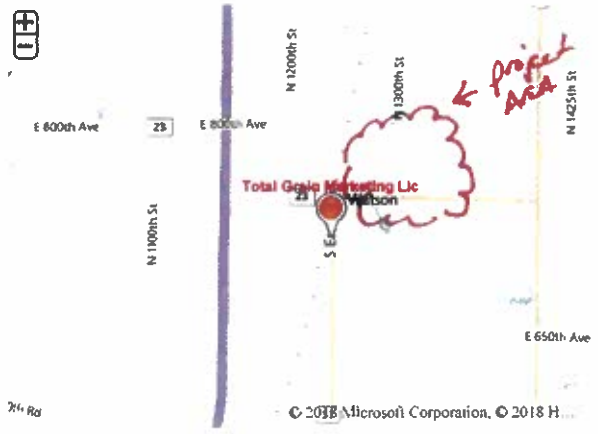
TOTAL GRAIN MARKETING LLC
202 SE ST
WATSON, IL 62473-1008



**You can navigate within the map with your mouse.*

EPA Facility Information

This query was executed on JUL-22-2018

AFS Information

Operating Status:	O	HPV Flag:	
Operating Status Description:	OPERATING	State Registration Number:	049050AAA
State County Compliance Source:	1704900041	Government Facility Code Description:	PRIVATELY OWNED/OPERATED
Region Code:	05	Class Code:	B
Primary SIC Code:	5153	Class Code Description:	POTENTIAL UNCONTROLLED EM
Primary SIC Description:	GRAIN	Compliance Status:	C
NAICS Code:	424510	Compliance Status Description:	IN COMPLIANCE WITH PROCED
NAICS Code Description:	Grain and Field Bean Merchant Wholesalers	Date Plant Information Last Updated:	05/16/2014

Air Program Information

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

Pollutant Data

Air Program Code	Pollutant Code / CAS Number	Pollutant / CAS Description	Attain Indicator	Attain Indicator Description	Pollutant Compliance Status	ES Pollutant Compliance Description	Pollutant Class Code	Pollutant Class Description
0	FACIL	FACILITY-WIDE PERMIT REQUIREMENTS			C	IN COMPLIANCE WITH PROCED		
0	PM10	PARTICULATE MATTER < 10 UM	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
0	PM2.5	PARTICULATE MATTER < 2.5 UM	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM

Compliance Monitoring System Plan

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

Plant Actions

Action Number	Key Action Numbers	Air Program Codes	National Action Type	National Action Description	Action Type	Action Description	Date Achieved	Penalty Amount	Results Code	Results Code Description	Pollutant Code	Regional Data Element	Regional Data Element 16
00002		0	PS	STATE/LOCAL PCE/ON-SITE	83	STATE PCE/ON-SITE	09-FEB-06						
00001		0	PS	STATE/LOCAL PCE/ON-SITE	83	STATE PCE/ON-SITE	26-JAN-06						

Additional Information can be obtained from Air Facility System AFS Search.

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

Bruce Rauner, Governor
Wayne Rosenthal, Director

June 27, 2018

Lee Beckman
Milano & Grunloh Engineers, LLC
114 W. Washington Avenue
Effingham, IL 62401

RE: Village of Watson - Sanitary Sewer Improvements
Project Number(s): 1811934 [16275]
County: Effingham

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.

Bradley Hayes
Division of Ecosystems and Environment
217-785-5500

EcoCAT
Ecological Compliance Assessment Tool

Applicant:	Milano & Grunloh Engineers, LLC	*IDNR Project Number:*	1811934
Contact:	Lee Beckman	*Date:*	06/13/2018
Address:	114 W. Washington Avenue Effingham, IL 62401	*Alternate Number:*	16275
Project:	Village of Watson - Sanitary Sewer Improvements		
Address:	Siesta Place & Maple Street, Watson		

Description: Construction of 8" sanitary sewer lines, manholes, lift station and related costs.

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: Effingham

Township, Range, Section:
7N, 5E, 25
7N, 6E, 29
7N, 6E, 30
7N, 6E, 31
7N, 6E, 32

IL Department of Natural Resources Contact
Natalia Jones
217-785-5500
Division of Ecosystems & Environment

Government Jurisdiction
IL Department of Commerce and Economic Opportunity
Derick Cheek
500 East Monroe
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.

Terms of Use

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

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.

2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.

3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

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EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law.

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.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.

MG Engineers

From: Mangan, Matthew <matthew_mangan@fws.gov>
Sent: Friday, June 22, 2018 2:54 PM
To: Pamperin Family
Cc: RockIsland@fws.gov; MG Engineers
Subject: Re: [EXTERNAL] Vlg of Watson CDBG grant #17-242035 / US Fish and Wildlife request for concurrence review and letter

Steve,

Thank you for your letter requesting review of the proposed Village of Watson Waterline Project in Effingham County, Illinois. These comments are provided under the authority of and in accordance with the provisions of the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C.1531 et seq.); the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.); the Migratory Bird Treaty Act (40 Stat. 755, as amended; 16 U.S.C. 703 et seq.) and, the National Environmental Policy Act (83 Stat. 852, as amended P.L. 91190, 42 U.S.C. 4321 et seq.).

To facilitate compliance with Section 7(c) of the Endangered Species Act of 1973, as amended, Federal agencies are required to obtain from the Fish and Wildlife Service (Service) information concerning any species, listed or proposed to be listed, which may be present in the area of a proposed action. The list for the proposed project area includes the endangered Indiana bat, threatened eastern prairie fringed orchid, threatened northern long-eared bat and candidate rattlesnake-master borer moth.

Based on the information provided and location of the project, the Service concurs the proposed project is not likely to adversely affect the eastern prairie fringed orchid and rattlesnake-master borer moth. Information in your letter indicates that that trees greater than 3" dbh will be avoided if possible and any clearing of trees greater than 3" dbh will occur outside the April 1 to September 30th time period to avoid impacting the Indiana bat and northern long-eared bat. If this tree clearing restriction is adhered to, the Service concurs that the proposed project is not likely to adversely affect the Indiana bat and northern long-eared bat. Should his project be modified or new information indicate listed or proposed species may be affected, consultation or additional coordination with this office, as appropriate, should be initiated.

Although the bald eagle has been removed from the threatened and endangered species list, it continues to be protected under the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act (BGEPA). The Service developed the National Bald Eagle Management Guidelines to provide landowners, land managers, and others with information and recommendations regarding how to minimize potential project impacts to bald eagles, particularly where such impacts may constitute "disturbance," which is prohibited by the BGEPA. The Service is unaware of any bald eagle nests in the proposed project area; however, if a bald eagle nest is found in the project area or vicinity of the project area then our office should be contacted and the guidelines implemented. A copy of the guidelines is available at: http://www.fws.govmidwest/eagle/guidelines/guidelines.html.

Thank you for the opportunity to provide information concerning threatened and endangered species. Let me know if you have any questions.

Matt Mangan
Fish and Wildlife Biologist
Ecological Services
Southern Illinois Sub-Office
4503 West DeYoung Street Suite 102 (Shipping)
8588 Route 148 (mailing)
Marion, IL 62959
618-998-5945
618-364-5389 Cell
618-997-8961 Fax
matthew_mangan@fws.gov

On Sun, Jun 10, 2018 at 11:34 AM, Pamperin Family <sjmpamperin@mchsi.com> wrote:

TO: Matthew Mangan, Marion Office / US Fish and Wildlife Service

US Fish and Wildlife, Rock Island Office

RE: Request for Concurrence Letter [Village of Watson (Effingham County, Illinois)]

After reviewing the project area using the US Fish and Wildlife Resource Report, it appears this review area is in your US Fish and Wildlife District.

For information, the applicant for the CDBG funded grant is: Village of Watson (Effingham County, Illinois) for this project (CDBG #17-242035)

Thanks!

Steve Pamperin

U.S. Fish & Wildlife Service

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ECOS Environmental Conservation Online System

Conserving the Nature of America

ECOS / Species Reports / Species By County Report

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: Effingham, Illinois

CSV

Need to contact a FWS field office about a species? Follow this link to find your local FWS Office.

Group	Name	Population	Status	Lead Office	Recovery Plan	Recovery Plan Action Status	Recc Plan Stag
Flowering Plants	Eastern prairie fringed orchid (*Platanthera leucophaea*)	Wherever found	Threatened	Chicago Ecological Service Field Office	Eastern Prairie Fringed Orchid	Implementation Progress	Final
Insects	Rattlesnake-master borer moth (*Papaipema eryngii*)	Wherever found	Candidate	Illinois-Iowa Ecological Services Field Office			
Mammals	Indiana bat (*Myotis sodalis*)	Wherever found	Endangered	Indiana Ecological Services Field Office	Indiana Bat (Myotis sodalis) Draft Recovery Plan: First Revision	Implementation Progress	Draft Revi 1
Mammals	Northern Long-Eared Bat (*Myotis septentrionalis*)	Wherever found	Threatened	Minnesota-Wisconsin Ecological Services Field Office			

Illinois Department of Agriculture

Bruce Rauner, Governor
Raymond Poe, Director

Bureau of Land and Water Resources
State Fairgrounds • P.O. Box 19281 • Springfield, IL 62794-9281 • 217/782-6297 • TDD 866/287-2999 • Fax 217/557-0993

June 6, 2018

JUN 1 1 2018

Mr. Lee Beckman
Milano & Grunloh Engineers, LLC
114 W. Washington Ave.
Effingham, IL 62401

Re: Village of Watson (Effingham) Grant # 17-242035
Municipal Water Main Replacement
2017 DCEO CDBG Public Infrastructure Grant Funds

Dear Mr. Beckman:

Thank you for notifying the Illinois Department of Agriculture (IDOA) of the Village of Watson's request for Community Development Block Grant (CDBG) 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 Watson will use CDBG grant funds to implement a municipal sanitary sewer system improvement plan that includes replacing 250 linear feet of 6-inch sanitary sewer service line and 455 lineal feet of 8-inch sanitary sewer line, manholes, road work, seeding, lift station, and all related appurtenances for sanitary sewer system improvements. Since the project is located within the corporate limits of Watson and agricultural land is not affected, the project is exempt from the IDOA's further review in accordance with Section 2 of the IDOA-DCEO Cooperative Working Agreement on the protection of Illinois farmland.

We have determined the project meets the intent of DCEO's Agricultural Land Preservation Policy and complies with the Illinois Farmland Preservation Act.

Sincerely,

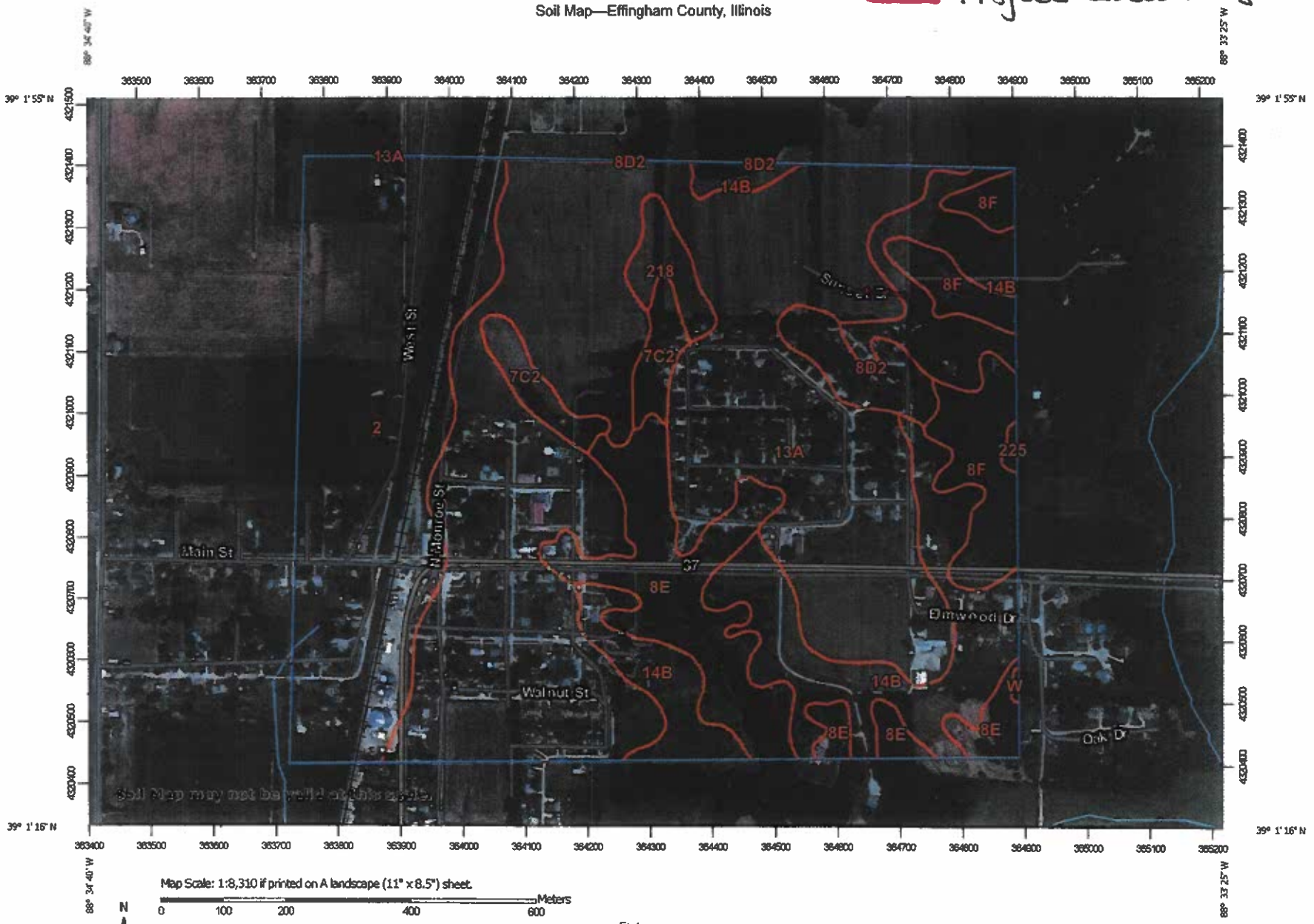
Steven D. Chard, Acting Chief
Bureau of Land and Water Resources

SDC:BR

cc: Kirk Kumerow, DCEO
Agency project file

Project Locations

Soil Map—Effingham County, Illinois



Map Scale: 1:8,310 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 400 800 1600 2400

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

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
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

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 1:15,800.

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

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

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: Effingham County, Illinois
Survey Area Data: Version 14, Sep 20, 2017

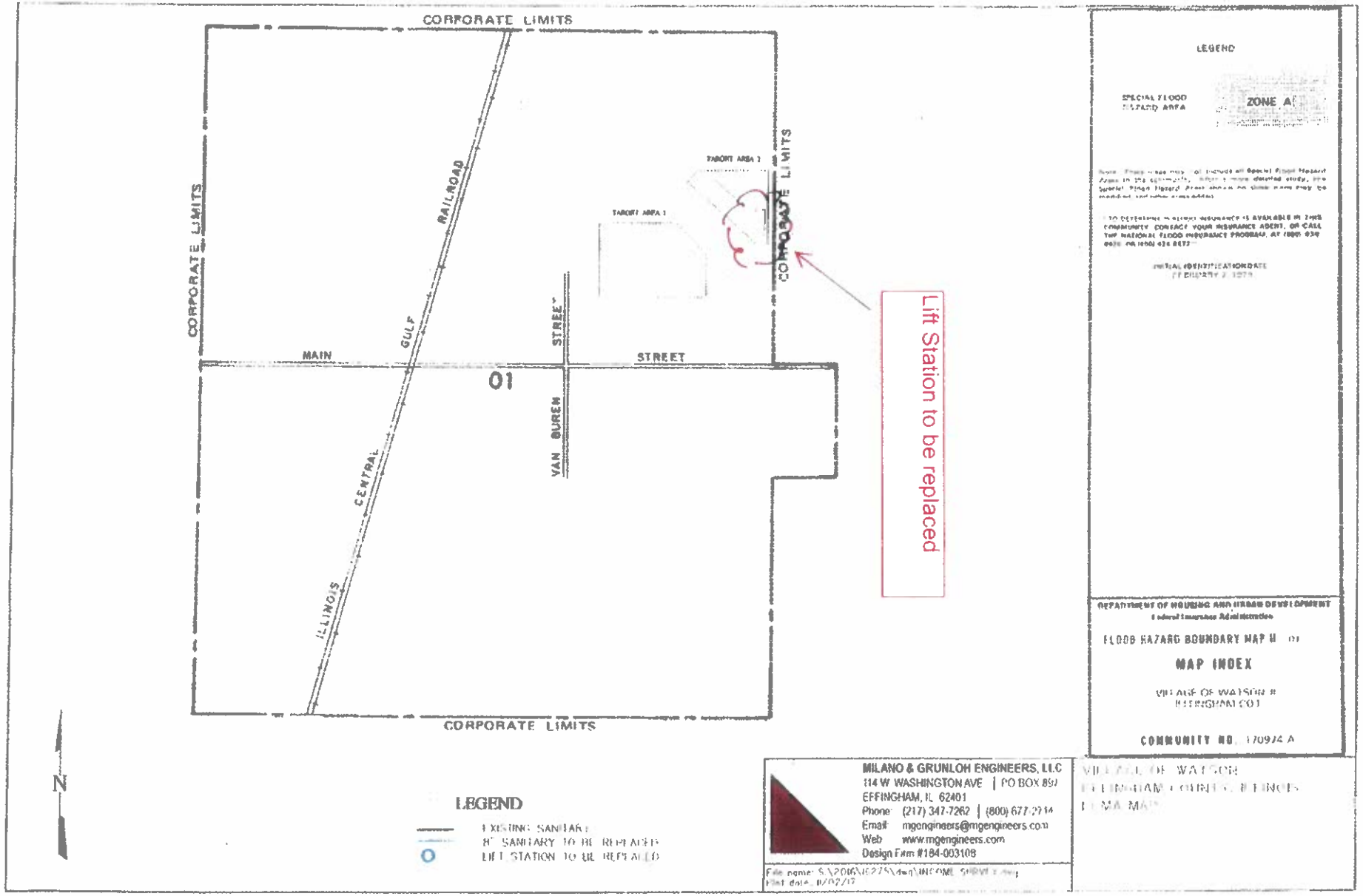
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 16, 2011—Sep 15, 2011

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
2	Cisne silt loam, 0 to 2 percent slopes	58.6	21.2%
7C2	Atlas silt loam, 5 to 10 percent slopes, eroded	6.4	2.3%
8D2	Hickory silt loam, 10 to 18 percent slopes, eroded	5.7	2.1%
8E	Hickory silt loam, 10 to 18 percent slopes	24.3	8.8%
8F	Hickory silt loam, 18 to 35 percent slopes	13.7	5.0%
13A	Bluford silt loam, 0 to 2 percent slopes	122.0	44.2%
14B	Ava silt loam, 2 to 5 percent slopes	41.4	15.0%
218	Newberry silt loam, 0 to 2 percent slopes	3.7	1.3%
225	Holton silt loam	0.4	0.1%
W	Water	0.1	0.1%
Totals for Area of Interest		276.3	100.0%


CORPORATE LIMITS
CORPORATE LIMITS
RAILROAD
GULF
CENTRAL
ILLINOIS
MAIN
STREET
STREET
VAN BUREN
01
CORPORATE LIMITS
CORPORATE LIMITS
TABORT AREA 2
TABORT AREA 1
Lift Station to be replaced
N
LEGEND
EXISTING SANITARY
8" SANITARY TO BE REPLACED
LIFT STATION TO BE REPLACED
LEGEND
SPECIAL FLOOD HAZARD AREA
ZONE A
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
FLOOD HAZARD BOUNDARY MAP
MAP INDEX
VILLAGE OF WATSON
EFFINGHAM CO.
COMMUNITY NO. 170974 A
MILANO & GRUNLOH ENGINEERS, LLC
114 W WASHINGTON AVE | PO BOX 89
EFFINGHAM, IL 62401
Phone: (217) 347-7262 | (800) 677-2914
Email: mgengineers@mgengineers.com
Web: www.mgengineers.com
Design Firm #184-003108
VILLAGE OF WATSON
EFFINGHAM COUNTY, ILLINOIS
LEMA MAP

ILLINOIS
NATURAL RESOURCES

Illinois Department of Natural Resources

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

Bruce Rauner, Governor
Wayne A. Rosenthal, Director

JUL 1 2 2018

Effingham County
Watson
Siesta Place & Sunset Drive
CDBG, MGE-16275
Sanitary sewer system improvements

PLEASE REFER TO: SHPO LOG #004061118

July 10, 2018

Lee Beckman
Milano & Grunloh Engineers, LLC
114 W. Washington Ave.
Effingham, IL 62401

Dear Mr. Beckman:

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

Please retain this letter in your files as evidence of compliance with section 106 of the National Historic Preservation Act of 1966, as amended. This clearance remains in effect for two (2) years from date of issuance. It does not pertain to any discovery during construction, nor is it a clearance for purposes of the Illinois Human Skeletal Remains Protection Act (20 ILCS 3440).

If you are an applicant, please submit a copy of this letter to the state or federal agency from which you obtain any permit, license, grant, or other assistance. If further assistance is needed contact my office at 217/782-4836.

Sincerely,

Rachel Leibowitz, Ph.D.
Deputy State Historic
Preservation Officer

When to Consult with Tribes Under Section 106

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

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

☒ **Significant ground disturbance (digging)**
Examples: new sewer lines, utility lines (above and below ground), foundations, footings, grading, access roads

☐ **New construction in undeveloped natural areas**
Examples: industrial-scale energy facilities, transmission lines, pipelines, or new recreational facilities, in undeveloped natural areas like mountaintops, canyons, islands, forests, native grasslands, etc., and housing, commercial, and industrial facilities in such areas.

☐ **Incongruent visual changes**
Examples: construction of a focal point that is out of character with the surrounding natural area, impairment of the vista or viewshed from an observation point in the natural landscape, or impairment of the recognized historic scenic qualities of a rea.

☐ **Incongruent audible changes**
Example: increase in noise levels above an acceptable standard in areas known for their quiet contemplative experience.

☐ **Incongruent atmospheric changes**
Example: introduction of lights that create skyglow in an area with a dark night sky.

☐ **Work on a building with significant tribal association**
Examples: rehabilitation, demolition or removal of a surviving ancient tribal structure or village, or a building or structure that there is a reason to believe was the location of a significant tribal event, home of an important person, or that served as a tribal school or community hall.

☐ **Transfer, lease or sale of a historic property of religious and cultural significance**
Examples: transfer, lease or sale of properties that contain archaeological sites, burial grounds, sacred landscapes or features, ceremonial areas, plant and animal communities, or buildings and structures within significant tribal association.

☐ **None of the above apply**

Project: The Village of Watson CDBG #17-242035 **(Community Name/Grant #s)**

Reviewed By: Lee Beckman, P.E. Milano and Grunloh Engineers **(Printed Name, Title)**

Signature: **Date:** May 14, 2018

TDAT

Tribal Directory Assessment Information

Contact Information for Tribes with Interests in Effingham County, Illinois

Tribal Name	County Name
Kickapoo Tribe of Indians of the Kickapoo Reservation in Kansas	Effingham

Contact Name	Title	Mailing Address	Work Phone	Fax Number	Cell Phone	Email Address	URL
Lester Randall	Chairman	1107 Goldfinch Road Horton, KS 66439	(785) 486-2131	(785) 486-2801		ljr3131@hotmail.com	www.ktik-nsn.gov

Tribal Name	County Name
Kickapoo Tribe of Oklahoma	Effingham

Contact Name	Title	Mailing Address	Work Phone	Fax Number	Cell Phone	Email Address	URL
Kent Collier	NAGPRA	PO Box 70 McLoud, OK 74851	(405) 964-4227	(405) 964-4228		pamwesley@kickapootribeofoklahoma.com	www.kickapootribeofoklahoma.com
Estavio Elzondo	Chairman	PO Box 70 McLoud, OK 74851	(405) 964-4227	(405) 964-4228		eelzondo@okkt.net	www.kickapootribeofoklahoma.com

Tribal Name	County Name
Menominee Indian Tribe of Wisconsin	Effingham

Contact Name	Title	Mailing Address	Work Phone	Fax Number	Cell Phone	Email Address	URL
Joan Delabreau	Chairwoman	PO Box 910 Keshena, WI 54135	(715) 799-5114	(715) 799-3373		jodelabreau@mitw.org	http://www.menominee-nsn.gov/
David Grignon	Tribal Historic Preservation Officer	PO Box 910 Keshena, WI 54135-0910	(715) 799-5258	(715) 799-5295		dgrignon@mitw.org	http://www.menominee-nsn.gov/

Tribal Name	County Name
Miami Tribe of Oklahoma	Effingham

Contact Name	Title	Mailing Address	Work Phone	Fax Number	Cell Phone	Email Address	URL
Douglas Lankford	Chief	PO Box 1326 Miami, OK 74355	(918) 542-1445	(918) 542-7260		dlankford@miamination.com	http://www.miamination.com
Diane Hunter	THPO	PO Box 1326 Miami, OK 74355	(918) 542-1445	(918) 542-7260		dhunter@miamination.com	http://www.miamination.com

Peoria Tribe of Indians of Oklahoma — Effingham

Contact Name	Title	Mailing Address	Work Phone	Fax Number	Cell Phone	Email Address	URL
John Froman	Chief	PO Box 1527 Miami, OK 74355	(918) 540-2535	(918) 540-2538		jfroman@peoriatribe.com	http://www.peoriatribe.com

Seneca-Cayuga Nation — Effingham

Contact Name	Title	Mailing Address	Work Phone	Fax Number	Cell Phone	Email Address	URL
William Tarrant	THPO	PO Box 45322 Grove, OK 74345	(918) 787-5452 Ext. 342	(918) 787-9440		wtarrant@sctribe.com	http://www.sctribe.com/
William Fisher	Chief	PO Box 453220 Grove, OK 74345-3220	(918) 787-5452	(918) 542-5521		wfisher@sctribe.com	http://www.sctribe.com/

1 - 6 of 6 results « ‹ 1 › » 10

Village of Watson
Village Hall • P.O. Box 127 • Watson, Illinois 62473

June 6, 2018

Kickapoo Tribe of Indians of the Kickapoo Reservation in Kansas
1107 Goldfinch Road
Horton, KS 66439

Re: Village of Watson (Effingham County, Illinois) CDBG Grant #17-242035

Dear Chairman Lester Randall:

The Village of Watson is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the Village of Watson has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

The Village of Watson will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

To meet project timeframes, if you would like to be a consulting party on this project, can you please let us know of your interest within 30 days? If you have any initial concerns with impacts of the project on religious or cultural properties, can you please note them in your response?

Enclosed is a map that shows the project area and, if applicable, an additional area of potential indirect effects. The project consists of construction of approximately 455 lineal feet of 8" sanitary sewer lines, 250 lineal feet of 6" sanitary sewer service lines, manholes, road work, seeding, lift station and all related costs located in two target areas of the Village generally located in the central sections of the Village of Watson (Effingham County, Illinois); and also includes construction engineering and project activity delivery.

More information on the Section 106 review process is available at http://www.comcon.org/sites/default/files/historic_preservation/ .

HUD's process for tribal consultation under Section 106 is described in a Notice available at http://portal.hud.gov/hudportal/HUD?src=/program_offices/comm_planning/environment/atec .

If you do not wish to consult on this project, can you please inform us? If you do wish to consult, can you please include in your reply the name and contact information for the tribe's principal representative in the consultation? Thank you very much. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project.

Sincerely,

Duane Sapp, Village Board President
217-536-6711
villageofwatson@frontiernet.net

Pamperin Family

From: Pamperin Family [sjmpamperin@mchsi.com]
Sent: Saturday, June 09, 2018 3:34 PM
To: 'ljr3131@hotmail.com'
Cc: 'MG Engineers'
Subject: Village of Watson 17-242035 (Effingham County, IL) CDBG project review (tribal consultation request)
Attachments: Tribal Assessment Vig of Watson 17-242035 (Kickapoo Tribe of Indians in Kansas).pdf

ATTN: Lester Randall, Chairman / Kickapoo Tribe of Indians of the Kickapoo Reservation in Kansas

We are respectfully requesting your review of the project for the Village of Watson (Effingham County, IL) as required for CDBG funded projects.

Please feel free to email your response or send via regular mail to:

Steve Pamperin Consulting, LLC
c/o Steve Pamperin, Manager
22 Circle Drive
Charleston, Illinois 6192
(217) 508-2070
sjmpamperin@mchsi.com

Thank you,

Steve Pamperin
SP Consulting, LLC

Village of Watson
Village Hall • P.O. Box 127 • Watson, Illinois 62473

June 6, 2018

Kickapoo Tribe of Oklahoma
PO Box 70
McLoud, OK 74851

Re: Village of Watson (Effingham County, Illinois) CDBG Grant #17-242035

Dear Chairman Estavio Elzondo:

The Village of Watson is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the Village of Watson has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

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Sincerely,

Duane Sapp, Village Board President
217-536-6711
villageofwatson@frontiernet.net

CC: Kent Collier, NAGPRA

Pamperin Family

From: Pamperin Family [sjmpamperin@mchsi.com]
Sent: Saturday, June 09, 2018 3:35 PM
To: 'pamwesley@kickapootribeofoklahoma.com'; 'eelzondo@okkt.net'
Cc: 'MG Engineers'
Subject: Village of Watson 17-242035 (Effingham County, IL) CDBG project review (tribal consultation request)
Attachments: Tribal Assessment Vig of Watson 17-242035 (Kickapoo Tribe of Oklahoma).pdf

ATTN: Estavio Elzondo, Chairman / Kickapoo Tribe of Oklahoma
CC: Kent Collier. NAGPRA

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Please feel free to email your response or send via regular mail to:

Steve Pamperin Consulting, LLC
c/o Steve Pamperin, Manager
22 Circle Drive
Charleston, Illinois 6192
(217) 508-2070
sjmpamperin@mchsi.com

Thank you,

Steve Pamperin
SP Consulting, LLC

Village of Watson
Village Hall • P.O. Box 127 • Watson, Illinois 62473

June 6, 2018

Menominee Indian Tribe of Wisconsin
PO Box 910
Keshena, WI 54135

Re: Village of Watson (Effingham County, Illinois) CDBG Grant #17-242035

Dear Chairwoman Joan Delabreau:

The Village of Watson is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the Village of Watson has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

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Sincerely,

Duane Sapp, Village Board President
217-536-6711
villageofwatson@frontiernet.net

CC: David Grignon, THPO

Pamperin Family

From: Pamperin Family [sjmpamperin@mchsi.com]
Sent: Saturday, June 09, 2018 3:36 PM
To: 'jodelabreau@mitw.org'; 'dgrignon@mitw.org'
Cc: 'MG Engineers'
Subject: Vlg of Watson 17-242035 (Effingham County, IL) CDBG project review (tribal consultation request)
Attachments: Tribal Assessment Vlg of Watson 17-242035 (Menominee Indian Tribe of Wisconsin).pdf

ATTN: Joan Delabreau, Chairwoman / Menominee Indian Tribe of Wisconsin
CC: David Grignon, THPO

We are respectfully requesting your review of the project for the Village of Watson (Effingham County, IL) as required for CDBG funded projects.

Please feel free to email your response or send via regular mail to:

Steve Pamperin Consulting, LLC
c/o Steve Pamperin, Manager
22 Circle Drive
Charleston, Illinois 6192
(217) 508-2070
sjmpamperin@mchsi.com

Thank you,

Steve Pamperin
SP Consulting, LLC

Miami Tribe of Oklahoma

3410 P St. NW, Miami, OK 74354 • P.O. Box 1326, Miami, OK 74355
Ph: (918) 541-1300 • Fax: (918) 542-7260
www.miamination.com

June 13, 2018

Steve Pamperin Consulting, LLC
c/o Steve Pamperin, Manager
22 Circle Drive
Charleston, Illinois 6192

Re: Village of Watson 17-242035 (Effingham County, IL) CDBG Project – Comments of the Miami Tribe of Oklahoma

Dear Mr. Pamperin:

Aya, kikwehsitoole – I show you respect. My name is Diane Hunter, and I am the Tribal Historic Preservation Officer for the Federally Recognized Miami Tribe of Oklahoma. In this capacity, I am the Miami Tribe's point of contact for all Section 106 issues.

The Miami Tribe offers no objection to the above-mentioned project at this time, as we are not currently aware of existing documentation directly linking a specific Miami cultural or historic site to the project site. However, as this site is within the aboriginal homelands of the Miami Tribe, if any human remains or Native American cultural items falling under the Native American Graves Protection and Repatriation Act (NAGPRA) or archaeological evidence is discovered during any phase of this project, the Miami Tribe requests immediate consultation with the entity of jurisdiction for the location of discovery. In such a case, please contact me at 918-541-8966 or by email at dhunter@miamination.com to initiate consultation.

The Miami Tribe accepts the invitation to serve as a consulting party to the proposed project. In my capacity as Tribal Historic Preservation Officer I am the point of contact for consultation.

Respectfully,

Diane Hunter

Diane Hunter
Tribal Historic Preservation Officer

Village of Watson
Village Hall • P.O. Box 127 • Watson, Illinois 62473

June 6, 2018

Miami Tribe of Oklahoma
PO Box 1326
Miami, OK 74355

Re: Village of Watson (Effingham County, Illinois) CDBG Grant #17-242035

Dear Chief Douglas Lankford:

The Village of Watson is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the Village of Watson has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

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Sincerely,

Duane Sapp, Village Board President
217-536-6711
villageofwatson@frontiernet.net

CC: Diane Hunter, THPO

Pamperin Family

From: Pamperin Family [sjmpamperin@mchsi.com]
Sent: Saturday, June 09, 2018 3:37 PM
To: 'dlankford@miamination.com'; 'dhunter@miamination.com'
Cc: 'MG Engineers'
Subject: Vlg of Watson 17-242035 (Effingham County, IL) CDBG project review (tribal consultation request)
Attachments: Tribal Assessment Vlg of Watson 17-242035 (Miami Tribe of Oklahoma).pdf

ATTN: Douglas Lankford, Chief / Miami Tribe of Oklahoma
CC: Diane Hunter, THPO

We are respectfully requesting your review of the project for the Village of Watson (Effingham County, IL) as required for CDBG funded projects.

Please feel free to email your response or send via regular mail to:

Steve Pamperin Consulting, LLC
c/o Steve Pamperin, Manager
22 Circle Drive
Charleston, Illinois 6192
(217) 508-2070
sjmpamperin@mchsi.com

Thank you,

Steve Pamperin
SP Consulting, LLC

Village of Watson
Village Hall • P.O. Box 127 • Watson, Illinois 62473

June 6, 2018

Peoria Tribe of Indians of Oklahoma
PO Box 1527
Miami, OK 74355

Re: Village of Watson (Effingham County, Illinois) CDBG Grant #17-242035

Dear Chief John Froman:

The Village of Watson is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the Village of Watson has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

The Village of Watson will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

To meet project timeframes, if you would like to be a consulting party on this project, can you please let us know of your interest within 30 days? If you have any initial concerns with impacts of the project on religious or cultural properties, can you please note them in your response?

Enclosed is a map that shows the project area and, if applicable, an additional area of potential indirect effects. The project consists of construction of approximately 455 lineal feet of 8" sanitary sewer lines, 250 lineal feet of 6" sanitary sewer service lines, manholes, road work, seeding, lift station and all related costs located in two target areas of the Village generally located in the central sections of the Village of Watson (Effingham County, Illinois); and also includes construction engineering and project activity delivery.

More information on the Section 106 review process is available at http://www.comcon.org/sites/default/files/historic_preservation/ .

HUD's process for tribal consultation under Section 106 is described in a Notice available at http://portal.hud.gov/hudportal/HUD?src=/program_offices/comm_planning/environment/atec .

If you do not wish to consult on this project, can you please inform us? If you do wish to consult, can you please include in your reply the name and contact information for the tribe's principal representative in the consultation? Thank you very much. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project.

Sincerely,

Duane Sapp, Village Board President
217-536-6711
villageofwatson@frontiernet.net

Pamperin Family

From: Pamperin Family [sjmpamperin@mchsi.com]
Sent: Saturday, June 09, 2018 3:38 PM
To: 'jfroman@peoriatribe.com'
Cc: 'MG Engineers'
Subject: Vlg of Watson 17-242035 (Effingham County, IL) CDBG project review (tribal consultation request)
Attachments: Tribal Assessment Vlg of Watson 17-242035 (Peoria Tribe of Indians of Oklahoma).pdf

ATTN: John Froman, Chief / Peoria Tribe of Indians of Oklahoma

We are respectfully requesting your review of the project for the Village of Watson (Effingham County, IL) as required for CDBG funded projects.

Please feel free to email your response or send via regular mail to:

Steve Pamperin Consulting, LLC
c/o Steve Pamperin, Manager
22 Circle Drive
Charleston, Illinois 6192
(217) 508-2070
sjmpamperin@mchsi.com

Thank you,

Steve Pamperin
SP Consulting, LLC

Village of Watson
Village Hall • P.O. Box 127 • Watson, Illinois 62473

June 6, 2018

Seneca-Cayuga Nation
PO Box 45322
Grove, OK 74345

Re: Village of Watson (Effingham County, Illinois) CDBG Grant #17-242035

Dear Chief William Fisher:

The Village of Watson is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the Village of Watson has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

The Village of Watson will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

To meet project timeframes, if you would like to be a consulting party on this project, can you please let us know of your interest within 30 days? If you have any initial concerns with impacts of the project on religious or cultural properties, can you please note them in your response?

Enclosed is a map that shows the project area and, if applicable, an additional area of potential indirect effects. The project consists of construction of approximately 455 lineal feet of 8" sanitary sewer lines, 250 lineal feet of 6" sanitary sewer service lines, manholes, road work, seeding, lift station and all related costs located in two target areas of the Village generally located in the central sections of the Village of Watson (Effingham County, Illinois); and also includes construction engineering and project activity delivery.

More information on the Section 106 review process is available at http://www.comcon.org/sites/default/files/historic_preservation/ .

HUD's process for tribal consultation under Section 106 is described in a Notice available at http://portal.hud.gov/hudportal/HUD?src=/program_offices/comm_planning/environment/atec .

If you do not wish to consult on this project, can you please inform us? If you do wish to consult, can you please include in your reply the name and contact information for the tribe's principal representative in the consultation? Thank you very much. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project.

Sincerely,

Duane Sapp, Village Board President
217-536-6711
villageofwatson@frontiernet.net

CC: William Tarrant, THPO

Pamperin Family

From: Pamperin Family [sjmpamperin@mchsi.com]
Sent: Saturday, June 09, 2018 3:39 PM
To: 'wtarrant@sctribe.com'; 'wfisher@sctribe.com'
Cc: 'MG Engineers'
Subject: Vlg of Watson 17-242013 (Effingham County, IL) CDBG project review (tribal consultation request)
Attachments: Tribal Assessment Vlg of Watson 17-242035 (Seneca-Cayuga Nation).pdf

ATTN: William Fisher, Chief / Seneca-Cayuga Nation
CC: William Fisher, THPO

We are respectfully requesting your review of the project for the Village of Watson (Effingham County, IL) as required for CDBG funded projects.

Please feel free to email your response or send via regular mail to:

Steve Pamperin Consulting, LLC
c/o Steve Pamperin, Manager
22 Circle Drive
Charleston, Illinois 6192
(217) 508-2070
sjmpamperin@mchsi.com

Thank you,

Steve Pamperin
SP Consulting, LLC

each tribal group

I. KEY POINTS SUMMARY

This pre-narrative summary section is intended to briefly address the key points listed above required in the project summary. This summary is followed by a detailed narrative addressing these key points in further detail.

Describe the project – What is being proposed and why. What threat to health & safety is being addressed? How long has the problem existed?

The Village of Watson is applying for a $200,000 Community Development Block Grant Program (CDBG) Public Infrastructure grant to construct approximately 455 lineal feet of 8" sanitary sewer lines, 250 lineal feet of 6" sanitary sewer service lines, manholes, road work, seeding, lift station, and all related costs located in two target areas of the Village (Illustrated on the Project Map).

This project has two defined target areas in the Village for this grant application and makes up the project area (see map). Target Area 1 generally includes the construction of new sewer lines along Siesta Place and Target Area 2 generally includes the construction of the Village's lift station at North Maple Street. The lift station in Target Area 2 only serves the residents shown in Target Area 2. These two target areas were selected as the residents in these defined areas will benefit from these improvements.

The proposed construction of the identified sanitary sewer lines and lift station are being proposed in order to alleviate a current threat to the health and safety of the residents in the target areas. With the construction of these improvements, the health and safety threat will be addressed. The Village of Watson has experienced multiple breakdowns to the Maple Street Lift Station. These multiple breakdowns are documented in the operators log and have cost the Village a financial burden to keep the lift station in operation. These multiple breakdowns have led to several sewer overflows witnessed by local residents who have written letters expressing their concerns about the raw sewage overflowing in the ditch leading to foul smells. In addition to the lift station failures, the Village has a section of sewer main that has plugged numerous times due to collapsed pipe and root infiltration – thus exposing these residents to an unsafe condition. These problems have been occurring over the past several years and they are existing, continual and chronic to the residents.

The Village of Watson's lift station on North Maple Street has exceeded its life expectancy. The Village has performed numerous repairs to keep it operational over many years (see operator log and repair bills). Local residents have expressed dissatisfaction with the foul smells that are emitted when the station backs up with raw sewerage (see letters on pages 80 and 81). The replacement of this lift station is necessary to help alleviate the threat to health and safety that plagues the local residents.

Describe the project area, including legal boundaries. Who is being affected and how?

This project area are the targeted areas in the northeast portion of the Village of Watson and this was determined by the project engineer as these residents are affected by these failures and will benefit from these improvements (see project map for boundaries). We have included a project map with this application in order to illustrate the project area. The residents in these target areas are being affected by plugged sanitary sewer lines and lift station failures.

This project area was determined by the project engineer as the likely culprit of the sanitary sewer system failures. The sanitary sewer lines in this area have failed and the lift station has failed and are causing the health and safety threats to the residents.

The project structure (i.e., will the residents be direct customers of the water district or is an agreement needed, what is source of water, who will treat wastewater, etc.)

The residents of these target areas will benefit from these proposed improvements. The Village of Watson is responsible to these residents and customers for the operation of the sanitary sewer system and the health and safety of its residents.

The degree to which present conditions affect public health and safety
The severity and immediacy of the problem
Whether the project is necessary to comply with state or federal regulations

The degree of the present conditions shows the health and safety threat is immediate as the system has failed. This is shown with the sewer overflows and other area backups from the sanitary sewer system; and with the failures at the lift station, including numerous repair bills and information provided by letters from local residents. This is raw sewage that has not been treated and exposed the residents to an immediate threat. The Village has not received any state or federal violation notices at this time, however, many of the Village's sewer lines identified for construction and the lift station have failed.

Justification of the local government's need for CDBG assistance in relation to its overall financial capability, including discussion of outstanding indebtedness

As of the April 30, 2017 ending audit, the Village's Sewer Fund has $134,000 of cash and cash equivalents which is less than this grant amount request. According to this audit, the Village has $57,640 of outstanding loan and interest payments due with its Sewer Fund. With all these factors, it is apparent that the Village is in financial need of this CDBG grant.

II. INTRODUCTION

The Village of Watson is applying for a $200,000 CDBG Public Infrastructure Construction grant to construct approximately 455 lineal feet of 8" sanitary sewer lines, 250 lineal feet of 6" sanitary sewer service lines, manholes, road work, seeding, lift station, and all related costs located in two target areas of the Village (Illustrated on the Project Map).

The project engineer has identified seriously deteriorated old sanitary sewer lines for replacement and has identified construction related to the lift station at North Maple Street. This grant is for construction of sanitary sewer system improvements in two specified target areas in the northeastern section of the Village.

CDBG Project: The total CDBG project is estimated to be $200,000 to be paid 100% with grant funds.

The health and safety threats and related improvements are directly within these target areas. The proposed project will serve two target areas of Village residents, or 20 households. This represents an estimated 46 persons. Of these, an estimated 41 people (or 89.52%) are considered low-to-moderate income. This project was selected because of the high concentration of low-to-moderate income persons, the Village's need for financial assistance, the community effort and support for the project, and the obvious health and safety threat to the residents.

III. THE SPECIFIC PROBLEM AND THE CAUSE OF THE PROBLEM

The Village of Watson is currently experiencing major deficiencies and problems in its sanitary sewer system. All health and safety documentation is included on pages 76-86. The problems can be traced to sewer lines and the lift station located in the project area.

The Village of Watson has experienced multiple breakdowns to the Maple Street Lift Station. These multiple breakdowns are documented in the operators log and have cost the Village a financial burden to keep the lift station in operation. These multiple breakdowns have led to several sewer overflows witnessed by local residents who have written letters expressing their concerns about the raw sewage overflowing in the ditch leading to foul smells. In addition to the lift station failures, the Village has a section of sewer main that has plugged numerous times due to collapsed pipe and root infiltration.

According to Village officials (and as shown on the sewer overflows in the project area), the system regularly breaks down and raw sewage backs up in the collection system. This backup causes raw sewage to overflow into local ditches. The Village's Sewer Superintendent also provided an operator's log detailing the existing problems and failures and repairs related to the lift station on North Maple Street. The attached operator's log details numerous service calls related to failures of the lift station in the past 2 years. These issues include failures of the lift station pump which have caused the Village to manually pump the lift station, reset, clean and complete other maintenance tasks on at least 68 occasions since December 2015. In addition, the attached repair bills show over $11,000 has been spent on the lift station to third party contractors since July 2016 alone. This leads to a severe threat to the health and safety of local residents.

Milano and Grunloh Engineers, LLC have identified the deficiencies and what remedies could be taken to resolve these issues. These deficiencies contribute to the Village's health and safety threats causing infiltration and overflows throughout the system. The sewer lines that need to be replaced are noted on the project maps included in the application. The project map also shows the location of the lift station that is identified for replacement. It was concluded that significant health and safety threats are occurring within the collection system. The sewer lines and the lift station located and identified for replacement in this application and are shown in the project maps.

The specific action items identified are the construction of these lines and lift station in order to alleviate the severe health and safety issues.

IV. WHO IS MOST AFFECTED BY THE PROBLEM AND HOW SEVERELY

The people who are most affected by this problem are the residents within the identified target areas in the Village of Watson – where the proposed sanitary sewer improvements will occur. The problems caused by the system deficiency have caused serious environmental pollution and are a continued threat of the health and safety to the residents of Watson.

The current sewer system for the Village of Watson exposes the residents to a severe health and safety threat every time raw sewage backs up. Raw sewage spills over into the nearby ditches exposing the residents to contamination of E. Coli bacteria, hepatitis, etc. The only way to relieve the residents of this threat is to replace the sewer lines and the identified lift station.

V. WHEN THE PROBLEM FIRST BECAME APPARENT AND WHAT THE LONG-TERM CONSEQUENCES ARE IF NO ACTION IS TAKEN

The problems with the sewer system have been apparent over the past several years. Thousands of dollars have been spent on the sewer system and several portions of the sewer system have been replaced, in order to try to continue to operate the failing system (see operator log and several maintenance receipts attached).

These problems are existing, continual and chronic, and will continue to be a serious health and safety threat until the problems are corrected and improvements are made to the sewer system. The long term consequences include the threat of continued environmental pollution and the risks of disease from raw sewage spills in the Village.

VI. WHAT LOCAL EFFORTS HAVE TAKEN PLACE TO RESOLVE THE PROBLEM AND WHY THEY HAVE BEEN INADEQUATE

The Village of Watson installed their sewer system in the 1960's. The system consists of clay and PVC pipe collection system, three pump stations, and a waste water treatment plant. The Village has performed the operation and maintenance over the last 50 years on the sewer system. The Village has full time employees but most of the work with the sewer system must be hired out.

The problems with the sewer system have been apparent over the past several years. Thousands of dollars have been spent on the sewer system and several portions of the sewer system have been replaced, in order to try to continue to operate the failing system and in maintaining the failing lift station. These repairs cost

the Village a significant amount of local funds in order to temporarily address the worsening problems. It will be impossible for the Village to continue this trend. The dilapidated state of these sewer lines and lift station in the project area result in frequent breakdowns, which cause backups and spillage of raw sewage into nearby ditches. The high cost to continue to band-aid these sewer lines and the northeast lift station is putting a financial strain on the Village residents along with the threat to their health and safety from sewage backup.

The Village has been very diligent in doing proper operation and maintenance of the sewer system. The problem is that the components have simply reached the end of their useful life and cannot keep up with the large amount of infiltration the system is experiencing.

VII. COMMUNITY POVERTY AND BENEFIT TO LOW-TO-MODERATE INCOME PERSONS

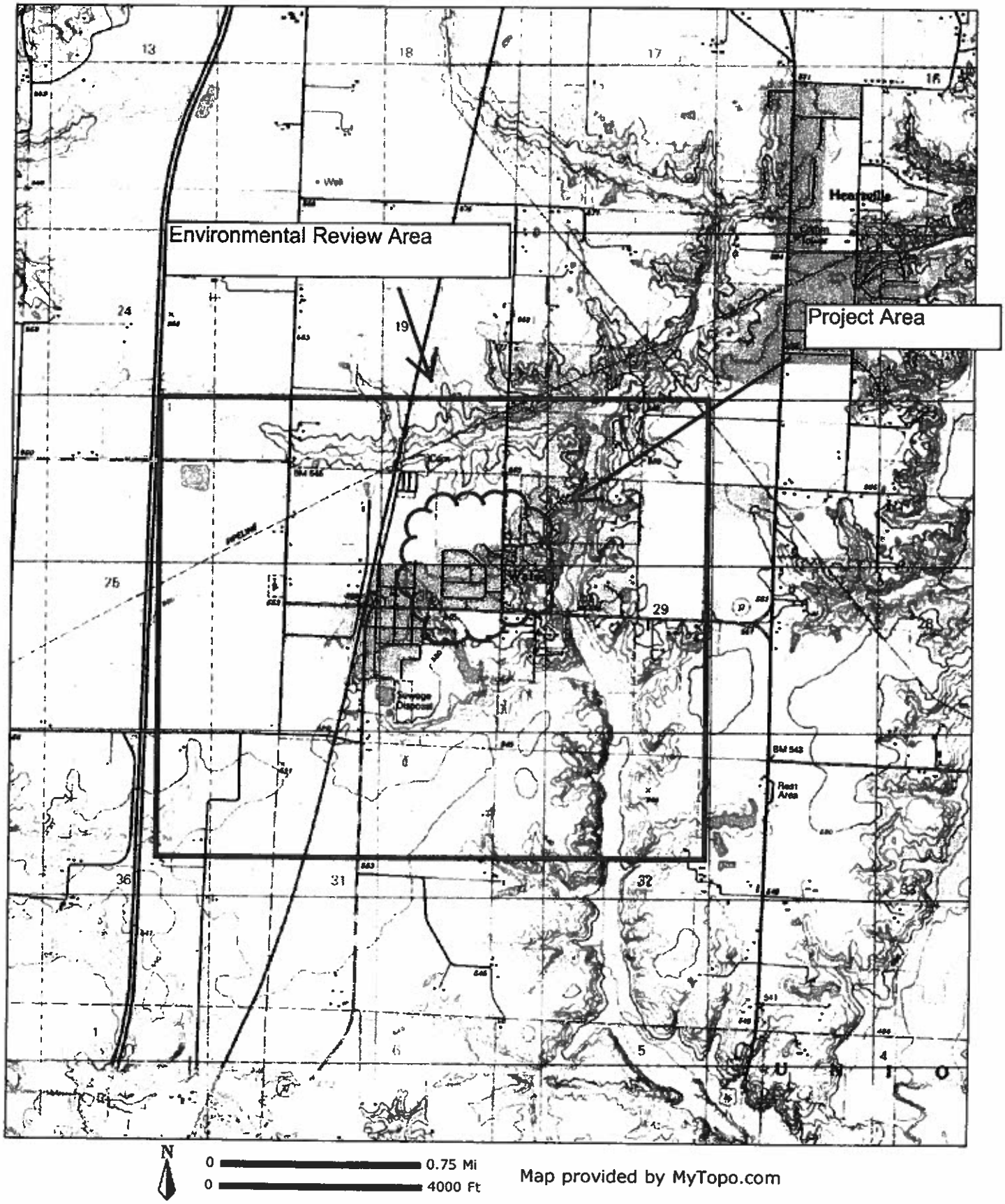
The proposed project will serve 20 households and an estimated 46 persons. Of these, an estimated 41 people (or 89.52%) are considered low-to-moderate income. This project was selected because of the high concentration of low-to-moderate income persons, a health and safety threat to the residents, the Village's need for financial assistance and the community effort and support for the project.

VIII. DOCUMENTATION OF THREAT TO HEALTH AND SAFETY

As detailed in the aforementioned Project Summary, there is a major health and safety threat to the residents within the project area in the Village of Watson due to a deficiency in the Village's sanitary sewer system. When the sewer system breaks down, sewer backs up in the system resulting in overflows of raw sewage into local ditches and basements. This leads to a severe threat to the health and safety of local residents. All Health and Safety Documentation (as detailed previously in the Problem Statement) is included in this application.

This portion of the collection system consists of clay pipe, which is highly susceptible to cracking and root infiltration. These dilapidated clay pipes lead to collapsed sewer mains backing sewage up into the system. All of these deficiencies in the collection system lead to high volumes of infiltration, which overload the system. The Village of Watson has experienced multiple breakdowns to the Maple Street Lift Station. These multiple breakdowns have led to several sewer overflows witnessed by local residents who have written letters expressing their concerns about the raw sewage overflowing in the ditch leading to foul smells.

These problems are existing, continual and chronic, and will continue to be a serious health and safety threat until the problems are corrected and improvements are made to the sewer system. The long term consequences include the threat of continued environmental pollution and the risks of disease from raw sewage spills in the Village.


Environmental Review Area
Project Area
13
18
17
16
24
19
25
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28
36
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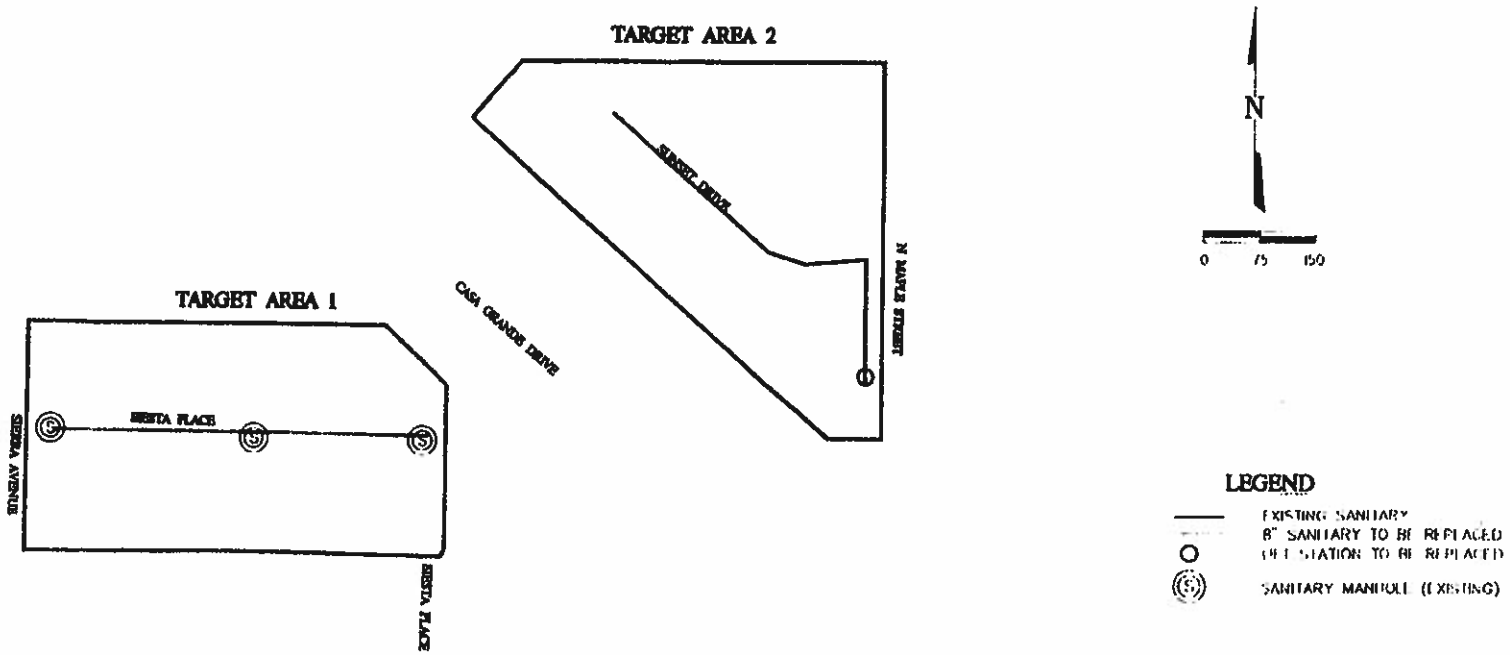
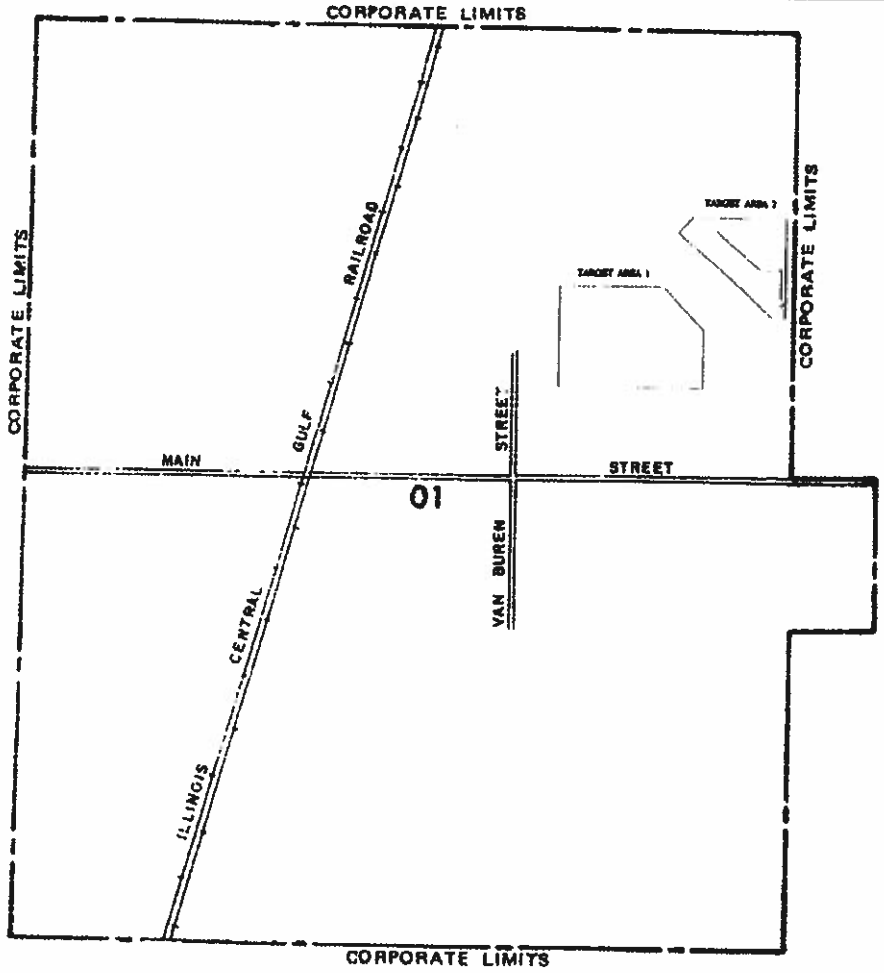
4000 Ft
Map provided by MyTopo.com



MILANO & GRUNLOH ENGINEERS, LLC
114 W. WASHINGTON AVE. | PO BOX 897
EFFINGHAM, IL 62401
Phone: (217) 347-7262 | (800) 677-2714
Email: mgengineers@mgengineers.com
Web: www.mgengineers.com
Design Firm #184-003108

File name: S:\2016\16275\dwg\INCOMP SURVEY.dwg
Plot date: 1/02/17

VILLAGE OF WATSON
EFFINGHAM COUNTY, ILLINOIS
PROJECT LOCATION MAP



LEGEND

SPECIAL FLOOD HAZARD AREA — ZONE A

Note: These maps may not indicate all Special Flood Hazard Areas in the community. After a more detailed study, the Special Flood Hazard Areas shown on these maps may be modified, and other areas added.

"TO DETERMINE IF FLOOD INSURANCE IS AVAILABLE IN THIS COMMUNITY, CONTACT YOUR INSURANCE AGENT, OR CALL THE NATIONAL FLOOD INSURANCE PROGRAM, AT (800) 638-6620, OR (800) 424-8872."

INITIAL IDENTIFICATION DATE
FEBRUARY 2 1979

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Federal Insurance Administration

FLOOD HAZARD BOUNDARY MAP M - 01

MAP INDEX

VILLAGE OF WATSON, IL
(EFFINGHAM CO.)

COMMUNITY NO. 170974 A

N

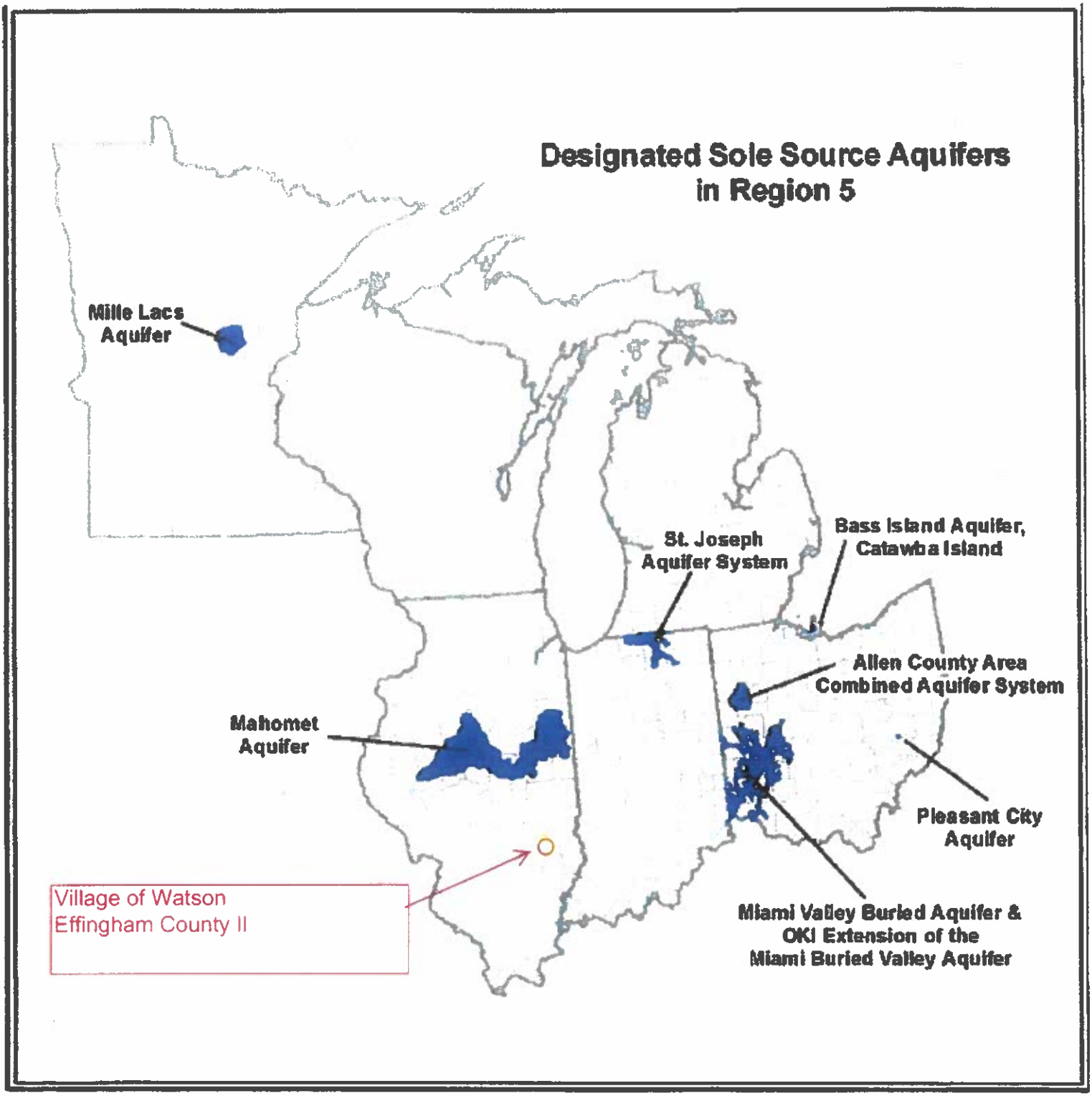
LEGEND

——— EXISTING SANITARY
——— 8" SANITARY TO BE REPLACED
O LIFT STATION TO BE REPLACED

MILANO & GRUNLOH ENGINEERS, LLC
114 W. WASHINGTON AVE. | PO BOX 697
EFFINGHAM, IL 62401
Phone: (217) 347-7262 | (800) 677-2714
Email: mgengineers@mgengineers.com
Web: www.mgengineers.com
Design Firm #184-003108

File name: S:\2016\16275\dwg\INCOME SURVEY.dwg
Plot date: 8/02/17

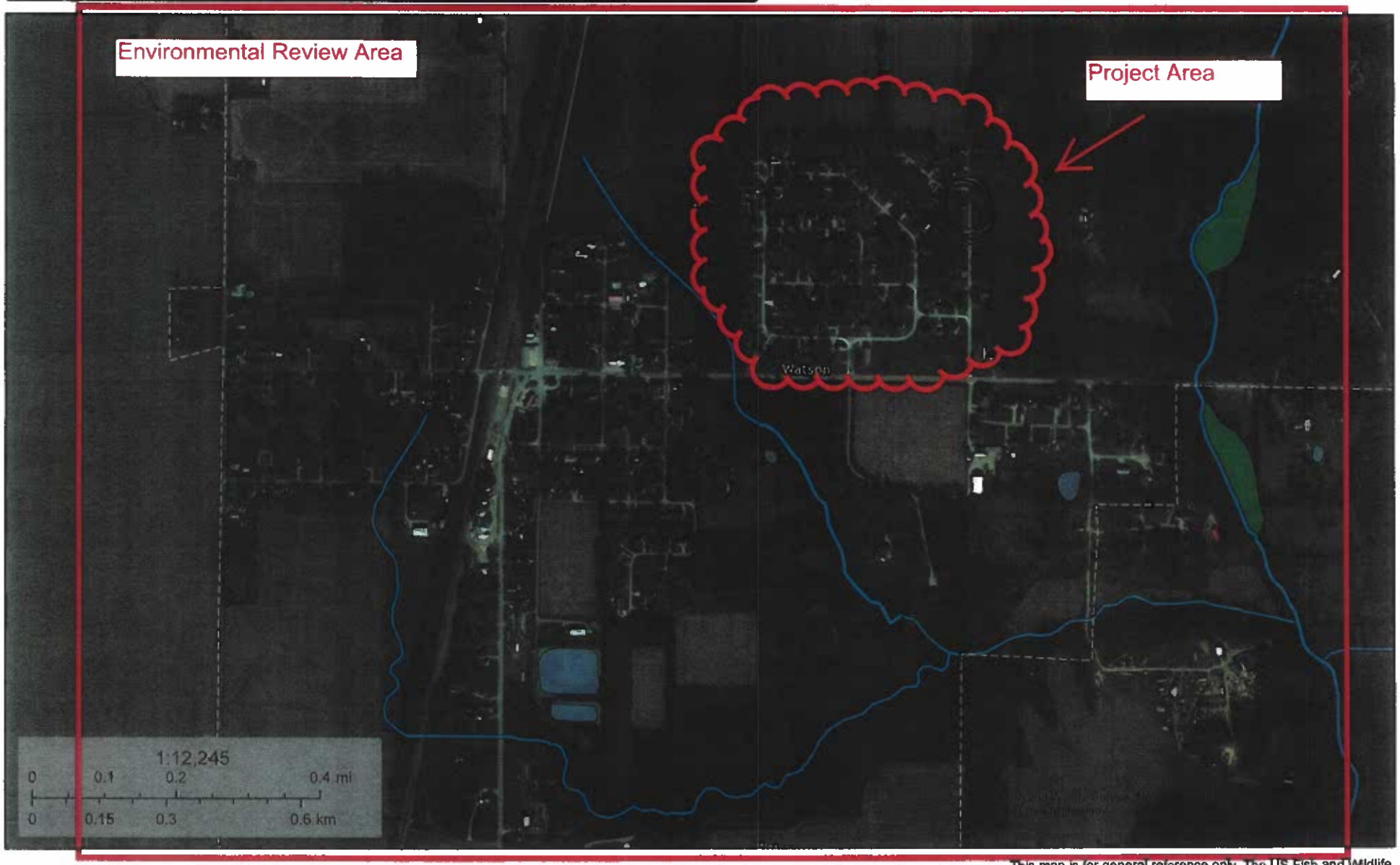
VILLAGE OF WATSON
EFFINGHAM COUNTY, ILLINOIS
FEMA MAP


Designated Sole Source Aquifers
in Region 5
Mille Lacs
Aquifer
St. Joseph
Aquifer System
Bass Island Aquifer,
Catawba Island
Allen County Area
Combined Aquifer System
Mahomet
Aquifer
Pleasant City
Aquifer
Village of Watson
Effingham County Il
Miami Valley Buried Aquifer &
OKI Extension of the
Miami Buried Valley Aquifer

U.S. Fish and Wildlife Service

National Wetlands Inventory

Watson CDBG #17-242035



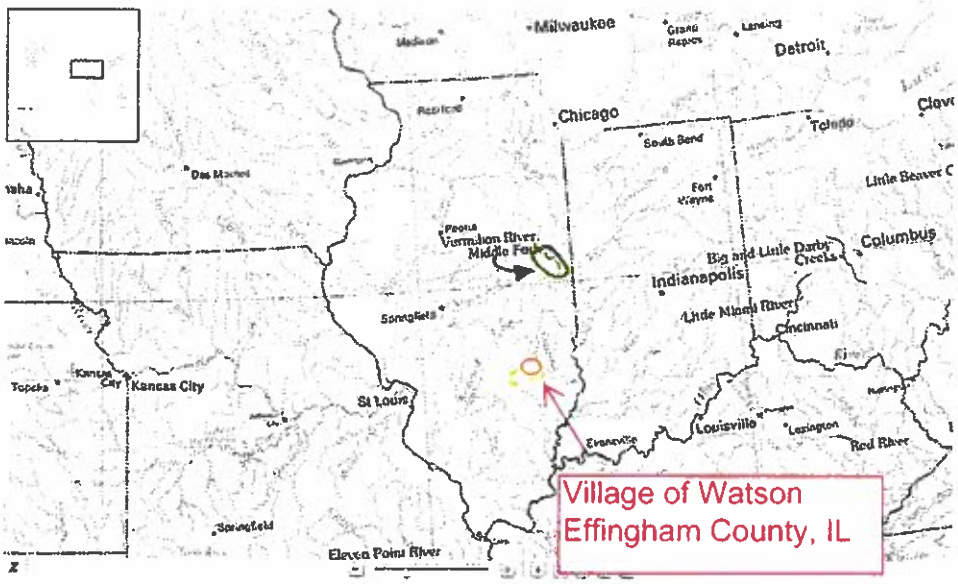
May 13, 2018

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

Wetlands

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

National Wetlands Inventory (NWI)



Continental United States Alaska

NATIONWIDE RIVERS INVENTORY | KID'S SITE | CONTACT US | PRIVACY NOTICE | Q & A SEARCH ENGINE | SITE MAP

Designated Rivers

About WSR Act
State Listings
Profile Pages

National System

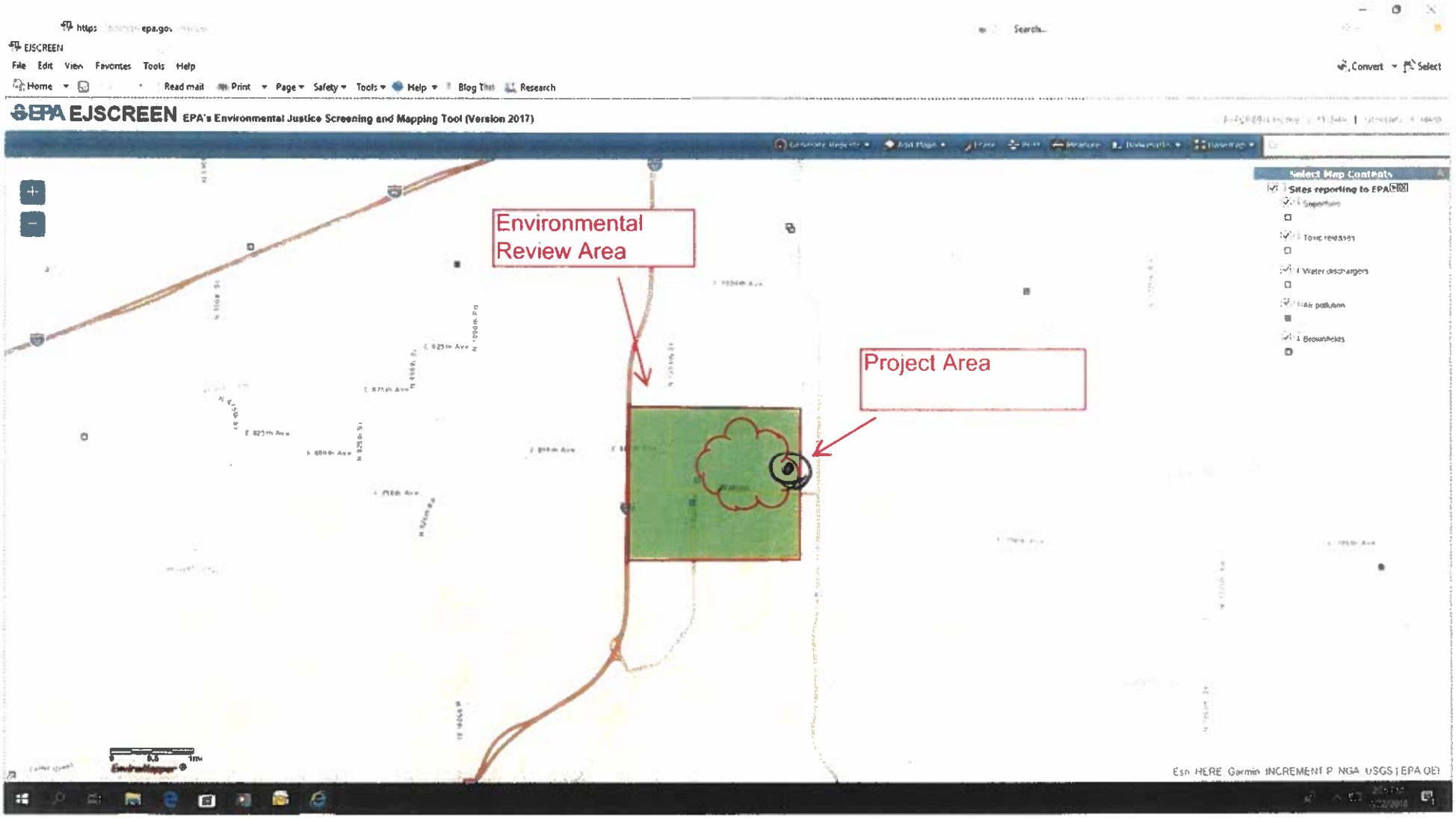
WSR Table
Study Rivers
Stewardship
WSR Act Legislation

River Management

Council
Agencies
Management Plans
GIS Mapping

Resources

Q & A Search
Bibliography
Publications
GIS Mapping
Logo & Sign Standards
Display


EJSCREEN
EPA EJSCREEN EPA's Environmental Justice Screening and Mapping Tool (Version 2017)
Environmental Review Area
Project Area
Select Map Contents
Sites reporting to EPA
Esri, HERE, Garmin, INCREMENT P, NGA, USGS | EPA OEI

EJSCREEN Census 2010 Summary Report

Location: User-specified polygonal location
Ring (buffer): 0-mile radius
Description:

Summary	Census 2010
Population	835
Population Density (per sq. mile)	257
Minority Population	15
% Minority	2%
Households	293
Housing Units	311
Land Area (sq. miles)	3.24
% Land Area	100%
Water Area (sq. miles)	0.00
% Water Area	0%

Population by Race	Number	Percent
Total	835	-------
Population Reporting One Race	828	99%
White	825	99%
Black	1	0%
American Indian	0	0%
Asian	0	0%
Pacific Islander	0	0%
Some Other Race	1	0%
Population Reporting Two or More Races	7	1%
Total Hispanic Population	6	1%
Total Non-Hispanic Population	829	99%
White Alone	820	98%
Black Alone	1	0%
American Indian Alone	0	0%
Non-Hispanic Asian Alone	0	0%
Pacific Islander Alone	0	0%
Other Race Alone	0	0%
Two or More Races Alone	7	1%

Population by Sex	Number	Percent
Male	420	50%
Female	415	50%

Population by Age	Number	Percent
Age 0-4	57	7%
Age 0-17	217	26%
Age 18+	618	74%
Age 65+	97	12%

Households by Tenure	Number	Percent
Total	293	
Owner Occupied	256	88%
Renter Occupied	36	12%

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
Source: U.S. Census Bureau, Census 2010 Summary File 1.

EJSCREEN ACS Summary Report

Location: User-specified polygonal location
Ring (buffer): 0-mile radius
Description:

Summary of ACS Estimates	2011 - 2015
Population	845
Population Density (per sq. mile)	261
Minority Population	15
% Minority	2%
Households	290
Housing Units	327
Housing Units Built Before 1950	61
Per Capita Income	23,685
Land Area (sq. miles) (Source: SF1)	3.24
% Land Area	100%
Water Area (sq. miles) (Source: SF1)	0.00
% Water Area	0%

	2011 - 2015 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	845	100%	266
Population Reporting One Race	842	100%	341
White	831	98%	263
Black	2	0%	8
American Indian	0	0%	11
Asian	0	0%	11
Pacific Islander	0	0%	11
Some Other Race	10	1%	37
Population Reporting Two or More Races	3	0%	10
Total Hispanic Population	0	0%	2
Total Non-Hispanic Population	845		
White Alone	831	98%	263
Black Alone	2	0%	8
American Indian Alone	0	0%	11
Non-Hispanic Asian Alone	0	0%	11
Pacific Islander Alone	0	0%	11
Other Race Alone	10	1%	37
Two or More Races Alone	3	0%	10
Population by Sex			
Male	405	48%	155
Female	440	52%	144
Population by Age			
Age 0-4	66	8%	72
Age 0-17	183	22%	108
Age 18+	663	78%	196
Age 65+	110	13%	75

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race. N/A means not available.
Source: U.S. Census Bureau, American Community Survey (ACS) 2011 - 2015.

EJSCREEN ACS Summary Report

Location: User-specified polygonal location
Ring (buffer): 0-mile radius
Description:

	2011 - 2015 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	593	100%	168
Less than 9th Grade	2	0%	14
9th - 12th Grade, No Diploma	49	8%	57
High School Graduate	245	41%	114
Some College, No Degree	238	40%	114
Associate Degree	103	17%	76
Bachelor's Degree or more	59	10%	58
Population Age 5+ Years by Ability to Speak English			
Total	779	100%	251
Speak only English	773	99%	235
Non-English at Home[1+2+3+4]	7	1%	21
[1]Speak English "very well"	6	1%	21
[2]Speak English "well"	0	0%	11
[3]Speak English "not well"	0	0%	11
[4]Speak English "not at all"	0	0%	11
[3+4]Speak English "less than well"	0	0%	11
[2+3+4]Speak English "less than very well"	0	0%	11
Linguistically Isolated Households*			
Total	0	100%	11
Speak Spanish	0	100%	2
Speak Other Indo-European Languages	0	0%	11
Speak Asian-Pacific Island Languages	0	0%	11
Speak Other Languages	0	0%	11
Households by Household Income			
Household Income Base	290	100%	86
< $15,000	26	9%	45
$15,000 - $25,000	28	10%	34
$25,000 - $50,000	73	25%	67
$50,000 - $75,000	91	31%	70
$75,000 +	71	25%	58
Occupied Housing Units by Tenure			
Total	290	100%	86
Owner Occupied	269	93%	77
Renter Occupied	21	7%	41
Employed Population Age 16+ Years			
Total	686	100%	216
In Labor Force	502	73%	167
Civilian Unemployed in Labor Force	17	2%	29
Not In Labor Force	185	27%	130

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race. N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2011 - 2015

*Households in which no one 14 and over speaks English "very well" or speaks English only.

EJSCREEN ACS Summary Report

Location: User-specified polygonal location
Ring (buffer): 0-mile radius
Description:

	2011 - 2015 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	779	100%	251
English	N/A	N/A	N/A
Spanish	N/A	N/A	N/A
French	N/A	N/A	N/A
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	N/A	N/A	N/A
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	N/A	N/A	N/A
Chinese	N/A	N/A	N/A
Japanese	N/A	N/A	N/A
Korean	N/A	N/A	N/A
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	N/A	N/A	N/A
Other Asian	N/A	N/A	N/A
Tagalog	N/A	N/A	N/A
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	N/A	N/A	N/A
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	N/A	N/A	N/A
Total Non-English	N/A	N/A	N/A

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race. N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2011 - 2015.
*Population by Language Spoken at Home is available at the census tract summary level and up.

EJSCREEN Report (Version 2017)

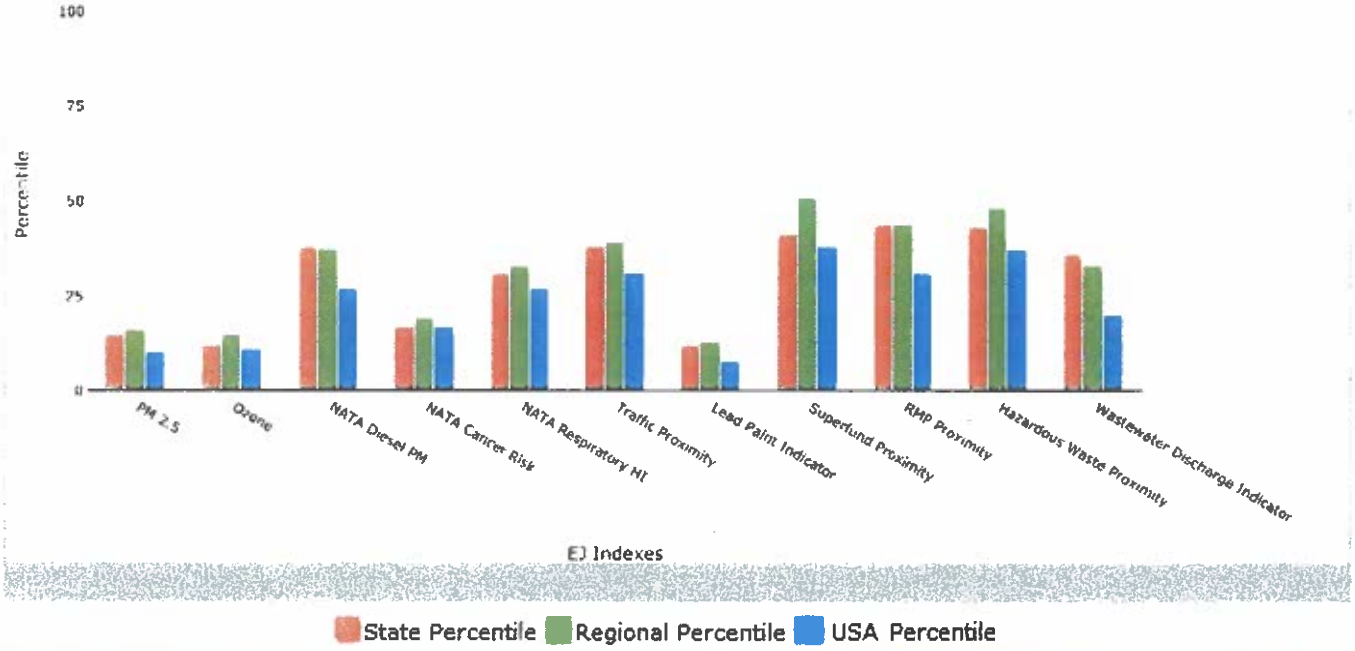
the User Specified Area, ILLINOIS, EPA Region 5

Approximate Population: 845

Input Area (sq. miles): 3.94

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	15	16	10
EJ Index for Ozone	12	15	11
EJ Index for NATA* Diesel PM	38	37	27
EJ Index for NATA* Air Toxics Cancer Risk	17	19	17
EJ Index for NATA* Respiratory Hazard Index	31	33	27
EJ Index for Traffic Proximity and Volume	38	39	31
EJ Index for Lead Paint Indicator	12	13	8
EJ Index for Superfund Proximity	41	51	38
EJ Index for RMP Proximity	44	44	31
EJ Index for Hazardous Waste Proximity	43	48	37
EJ Index for Wastewater Discharge Indicator	36	33	20

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



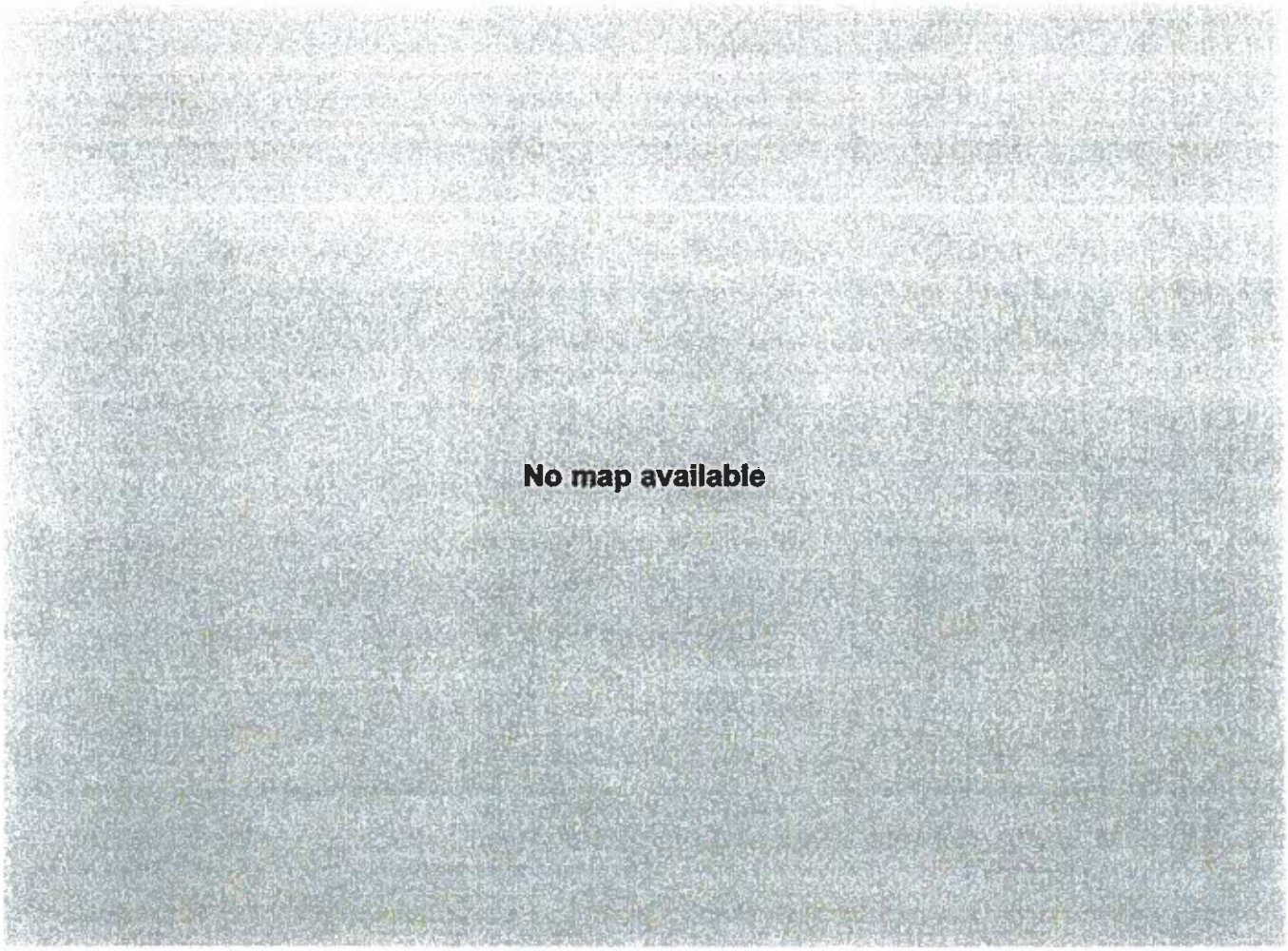
This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective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

EJSCREEN Report (Version 2017)

the User Specified Area, ILLINOIS, EPA Region 5

Approximate Population: 845

Input Area (sq. miles): 3.94



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

EJSCREEN Report (Version 2017)

the User Specified Area, ILLINOIS, EPA Region 5

Approximate Population: 845

Input Area (sq. miles): 3.94

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in µg/m³)	10.1	10.8	18	10.1	46	9.14	75
Ozone (ppb)	40.4	37.3	92	37.6	96	38.4	78
NATA* Diesel PM (µg/m³)	0.356	1.28	7	0.932	<50th	0.938	<50th
NATA* Cancer Risk (lifetime risk per million)	30	36	20	34	<50th	40	<50th
NATA* Respiratory Hazard Index	0.85	1.8	9	1.7	<50th	1.8	<50th
Traffic Proximity and Volume (daily traffic count/distance to road)	22	510	24	370	30	590	28
Lead Paint Indicator (% Pre-1960 Housing)	0.28	0.42	40	0.39	45	0.29	59
Superfund Proximity (site count/km distance)	0.015	0.096	4	0.13	5	0.13	12
RMP Proximity (facility count/km distance)	0.12	1.1	5	0.81	16	0.73	20
Hazardous Waste Proximity (facility count/km distance)	0.013	0.1	3	0.091	8	0.093	11
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	0.00023	0.44	39	4.2	49	30	60
Demographic Indicators							
Demographic Index	17%	35%	28	29%	36	36%	23
Minority Population	2%	38%	5	25%	9	38%	4
Low Income Population	32%	32%	57	33%	55	34%	51
Linguistically Isolated Population	0%	5%	43	2%	58	5%	44
Population With Less Than High School Education	9%	12%	49	11%	51	13%	44
Population Under 5 years of age	8%	6%	70	6%	72	6%	69
Population over 64 years of age	13%	14%	54	14%	48	14%	52

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

For additional information, see: www.epa.gov/environmentaljustice

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