



VILLAGE OF JACKSON
BOARD OF PUBLIC WORKS MEETING AGENDA
Tuesday, May 26, 2026 at 6:00 PM

Jackson Municipal Complex
Village Board Room
N168W19851 Main Street
Jackson, WI 53037

1. Call to Order and Roll Call
2. Citizens/Village Staff to address the Board of Public Works (Please sign in with the Clerk prior to speaking. Please note this is a business meeting, not a public hearing. People wishing to speak on an item on the agenda should present their comments under this agenda item. Each commenter will be limited to a total of 2 minutes.)
3. Approval of Minutes of the Board of Public Works Meeting of March 31, 2026
4. 2026 Special Assessment Update - Pinehurst Subdivision Developers Agreement Amendment #1
5. ATV/UTV Ordinance Review – Hours of Operation
6. Ordinance #26-06 - Amending Chapter 8 of Village Code, Regarding Sec. 8-167 – Cross Connection Control
7. Resolution #26-23 - Adopting the 2025 Compliance Maintenance Annual Report for the Jackson Wastewater Treatment Facility
8. Letter of Credit Reduction – Maple Fields Subdivision Phase 3 – Neumann Development Inc. in the amount of \$707,841.10
9. Proposal Review - Fiber to Public Parks, Municipal Wells, and Municipal Lift Station - Midwest Fiber Network in the Amount of \$133,850.00
10. Proposal Review - Jackson Park Security Cameras - Pros4 Technology in the Amount of \$19,341.28
11. Proposal Review - Hickory Lane Park Security Cameras - Pros4 Technology in the Amount of \$12,800.87
12. Director of Public Works Report
13. Adjourn

Persons with disabilities requiring special accommodations for attendance at the meeting should contact the Administration Department at the Jackson Municipal Complex at least one (1) business day prior to the meeting.

It is possible that members of the Village Board may attend the above meeting. No action will be taken by any governmental body at this meeting other than the governmental body specifically referred to in this meeting notice. This notice is given so that members of the Village Board may attend the meeting without violating the open meeting law.

VILLAGE OF JACKSON
BOARD OF PUBLIC WORKS MEETING
Tuesday, March 31, 2026 at 6:00 PM
Minutes

1. Call to Order and Roll Call

The meeting was called to order at 6:00 PM by President Heckendorf.

Members Present: President Brian Heckendorf, Trustee Tim Engelhardt, Trustee John Kruepke, Stephanie Egner, Ryan Ganshow, and Josh Sandleback arrived at 6:13PM

Members Excused: Jeff Mitchell

Members Absent: None

Staff Present: Administrator Jen Heidtke, Public Works Director Jack Straehler, and Interim Clerk Pamela Wolf

2. Approval of Minutes of the Board of Public Works Meeting of February 24, 2026

The motion to approve Minutes for the Board of Public Works Meeting of February 24, 2026, was made by Tr. Engelhardt and seconded by S. Egner.

Vote: 5 ayes, 0 nays. Motion carried.

3. Pay Request #2 - Final - 2025 Oaks of Jackson Surface Coarse - Spruce Street and Ridgeway Drive - Stark Pavement Corporation in the amount of \$5,329.19

The motion to Recommend the Budget and Finance Committee and Village Board approve Pay Request #2 for the 2025 Oaks of Jackson Surface Coarse project on Spruce Street and Ridgeway Drive to Stark Pavement Corporation in the amount of \$5,329.19 was made by Tr. Engelhardt and seconded by R. Ganshow.

Vote: 5 ayes, 0 nays. Motion carried.

4. Review Design and Engineering Services Proposal - KL Engineering - 2026 Streetlight Improvement Project - Ridgeway Drive, Chestnut Court, and Hickory Lane

The motion to recommend the Budget and Finance and Village Board approve the Engineering Services Proposal from KL Engineering in an amount not to exceed \$39,186.00 was made by Tr. Kruepke and seconded by Tr. Engelhardt.

Vote: 5 ayes, 0 nays. Motion carried.

5. Review of 2025 Jackson Water Utility - Consumer Confidence Report (CCR)

The motion to recommend the Village Board approve the 2025 Consumer Confidence Report and authorize staff to publish the report on the Village website and in the local newspaper as required by the Wisconsin Department of Natural Resources was made by Tr. Engelhardt and seconded by R. Ganshow.

Director Straehler responded to the members that all items were within range, no follow-up or corrections will be needed.

Vote: 5 ayes, 0 nays. Motion carried.

6. Review of Bids - 2026 Wastewater Treatment Plant Aeration Basin Upgrades

The motion to recommend the Budget and Finance and Village Board reject bids and have included with the 2027 service building upgrades project was made by R. Ganshow and seconded by Tr. Engelhardt.

Members asked whether rebidding the project might result in more favorable pricing. Director Straehler responded that combining this project with additional work could attract more bidders and help reduce overall costs.

Vote: 5 ayes, 0 nays. Motion carried.

7. Review of Bids - 2026 Street Improvements - Eagle Drive North Segment

The motion to recommend the Budget and Finance Committee and Village Board approve the bid from Stark Pavement Corporation in the amount of \$54,527.30 was made by Pres. Heckendorf and seconded by Tr. Kruepke.

Vote: 5 ayes, 0 nays. Motion carried.

8. Resolution #26-12 Preliminary Resolution Declaring Intent to Exercise Special Assessment Police Powers, Under Section 66.0703 of Wisconsin Statutes - Eagle Drive, Hawthorn Drive, Aspen Drive, and Linden Drive

The motion to recommend the Budget and Finance Committee and Village Board approve Resolution #26-12 was made by Pres. Heckendorf and seconded by Tr. Kruepke.

Director Straehler advised preliminary assessment letters will be mailed to the benefiting property owners following the April 14 Village Board meeting.

Vote: 5 ayes, 0 nays. Motion carried.

9. Resolution #26-13 Accepting Sanitary Sewer and Water for The Oaks of Jackson

The motion to recommend the Village Board approve Resolution # 26-13 was made by Tr. Engelhardt and seconded by S. Egner.

Vote: 5 ayes, 0 nays. Motion carried.

10. Resolution #26-14 Accepting Sanitary Sewer and Water for The Cedar Creek Townhomes

The motion to recommend the Village Board approve Resolution # 26-14 was made by R. Ganshow and seconded by Tr. Engelhardt.

Vote: 5 ayes, 0 nays. Motion carried.

11. Ordinance #26-01 - Amending Chapter 42, Section 86 of the Village Code – Limited Parking in Certain Areas

The motion to recommend the Village Board approve Ordinance # 26-01 was made by Pres. Heckendorf and seconded by Tr. Kruepke.

Vote: 5 ayes, 0 nays. Motion carried.

12. Director of Public Works Report

Director Straehler updated members on the Midwest Fiber Project, with lots of positive feedback from residents, mostly calls inquiring as to when the service will be available, few regarding repairs of lawns. Cameras for the parks were reviewed by the Village's Contractor. Vinton Construction is expected to start road construction early spring, and water tower painting project will commence in May or June.

The motion to put the March 2026 Director of Public Works Report on file was made by Tr. Engelhardt and seconded by S. Egner.

Vote: 6 ayes, 0 nays. Motion carried.

13. Citizens/Village Staff to address the Board of Public Works

Director Straehler thanked Tr. Kruepke for his years of service on the Village Board and other committees and commissions.

Administrator Heidtke congratulated Director Straehler on his one-year anniversary with the Village.

14. Adjourn

The motion to adjourn the meeting was made by Tr. Kruepke and seconded by Tr. Engelhardt.

Vote: 6 ayes, 0 nays. Motion carried. The meeting adjourned at 6:17 PM.

Respectfully Submitted,

Pamela Wolf
Interim Clerk
Village of Jackson



STAFF MEMO

Village of Jackson Public Works

To: Brian Heckendorf, Village President
Jen Heidtke, Village Administrator

CC: Board of Public Works

From: Jack Straehler, Director of Public Works

Subject: 2026 Special Assessment Update – Pinehurst Subdivision Developers Agreement Amendment #1

Meeting Date: May 26, 2026 – Board of Public Works

Background and Analysis:

This memo is to inform the Board that staff were asked to consider amending the Village special assessment letters distributed to homeowners in May 2026 regarding the upcoming street reconstruction projects within the Pinehurst Subdivision, including Aspen, Linden, and Hawthorn Drive.

Staff has received and reviewed documentation, including Village Board meeting minutes and an amended Developer’s Agreement, indicating that the original homeowners located at the end of each cul-de-sac’s totaling six (6) properties previously deposited \$4,200 each to the Village to cover the future cost of extending curb, gutter, and sidewalk improvements associated with the planned extension of Aspen, Linden, and Hawthorn Drive.

Since the streets can no longer be extended due to the construction and development of the Oaks of Jackson Subdivision, staff recommend honoring the previously deposited funds. Specifically, staff recommends that the sidewalk portion of each of the six (6) affected property owners’ assessments be reduced accordingly, totaling approximately \$13,786.80, as the Village has already elected to assume the cost of curb and gutter improvements. It is further staff’s opinion that all homeowners should remain responsible for the storm sewer lateral portion of the assessment.

Please let me know if you have any questions.

JS

Recommendation:

The Board may consider one of the following recommended options:

Option 1: Board of Public Works recommends staff leave special assessments as distributed to all benefitting property owners.

Option 2: Board of Public Works recommends staff prepare a revised special assessment letter removing the cost of concrete sidewalk to the (6) benefitting property owners.

MINUTES

Special Village Board Meeting
Tuesday, July 18, 1991 - 7:00 P.M.
Jackson Village Hall

1. The meeting was called to order by Gerald Boldt.

Present were: Gerald Boldt, Larry Hatke, Carole Rose, Donna Spaeth, Mike Wysocki, Phil Eckert, and Del Beaver.

2. Phil Eckert passed out a proposed Improvement Agreement amendment to the Original Pinehurst Improvement Agreement.

After substantial discussion of the Planning Commission recommendation, Larry Hatke moved approval of Amendment to the original Pinehurst Subdivision Improvement Agreement #1 as submitted, with the proviso that staff agree to costs that will be included in the letter of credit. Mike Wysocki second. All voted aye.

Mike Wysocki moved to bill Citizens/Weis for the Planning Commission meeting and for the Village to pay for the Special Village Board Meeting. Donna Spaeth second. All voted aye.

3. After discussing the bids for the Police Department remodelling project, Larry Hatke moved to reject all current bids and to re-bid the project based on a common bid sheet. Carole Rose second. Mike Wysocki, Larry Hatke, Carole Rose, Gerald Boldt voted aye. Donna Spaeth abstained.
4. Mike Wysocki moved to authorize staff to purchase volleyball equipment for \$1,000.00. Carole Rose second. All voted aye.
5. Donna introduced the proposal to close access to the northern most road and to provide for handicapped parking for in-car viewing (at their own risk) on the south side of the backstop. Larry Hatke second. All voted aye.
6. Carole Rose moved to authorize Park & Rec employees to paint a mural on the white shelter building. Mike Wysocki second. All voted aye.
7. Larry Hatke moved to adjourn to work session. Mike Wysocki second. All voted aye.

Respectfully submitted:

Del Beaver
Administrator/Clerk

AMENDMENT NO. 1
DEVELOPMENT AGREEMENT
PINEHURST SUBDIVISION

This Agreement amends that certain Development Agreement entered into by and between the Village of Jackson (the "Village") and Citizens/Weis Corporation (the "Developer") on June 22, 1990 as recorded in Volume 1078 of Records beginning at page 23 as Document No. 562126 (the "Agreement") relating to the development of Pinehurst subdivision.

The Agreement is amended in the following respects:

1. Hickory Lane shall be modified in accordance with those certain plans and specifications prepared by Citizens/Weis which are dated July 2, 1991, modified by the provisions of that certain letter from E. Carlton Rowlands, P.E. to the Village Engineer dated July 11, 1991 and approved by the Village Engineer by letter to Citizens/Weis dated July 15, 1991, which plans and correspondence are on file in the office of the Village Engineer (the "Plan"). Those provisions of the Agreement which are inconsistent with the Plan are hereby modified as necessary to conform to the Plan.
2. To assure proper functioning of the storm water drainage features of the Plan, the Developer shall, at the Developer's expense, acquire easements as necessary and construct a drainage swale adjacent to the west boundaries of Additions 2 and 3 to Pinehurst subdivision so as to divert surface water drainage from the lands west of the subdivision northward to Jackson Creek. The drainage swale shall be designed and constructed as required by the Village Engineer.
3. The Developer shall, under the supervision of the Village

Engineer, remove downstream sedimentation in the ditch along Hickory Lane between the subdivision and Cedar Creek and restore the ditch by reseeding it as the Village Engineer determines necessary.

4. Section 5.05 of the Agreement is created to provide as follows:

5.05 Escrow For Future Improvements.

The Developer shall deposit with the Village the sum of \$ 4200⁰⁰ to cover the costs of curb, gutter and sidewalk which will be installed by the Village when Hawthorn, Linden and Aspen Streets are extended and the temporary cul de sacs are abandoned.

5. The Developer shall, in accordance with Article VI of the Agreement and prior to constructing the Plan, deposit with the Village an irrevocable letter of credit approved by the Village Attorney sufficient in amount to cover the costs of constructing the Plan, constructing the drainage swale provided for in paragraph No. 2 above, removing the sedimentation and ditch restoration as required by paragraph No. 3 above, and completing the required improvements for Pinehurst.

6. Developer by signing this Amendment, for itself and its successors and assigns, acknowledges notification by the Village that, as a condition of the future final platting of Developer's remaining lands fronting on Hickory Lane as included in the preliminary plat of Pinehurst, it may be necessary for the developer of those lands and the Village to negotiate an agreement for the extension of Hickory Lane from the plat of Pinehurst to

Jackson Drive or for some other acceptable second street access into Pinehurst and its Additions, and further, that such agreement may require such developer to share in the cost of providing such secondary street access.

IN WITNESS WHEREOF, the Village and the Developer have caused this Amendment No. 1 to be signed in duplicate originals this 19th day of July, 1991, which shall be the effective date of this Amendment.

IN DUPLICATE ORIGINAL

CITIZENS/WEIS CORPORATION

By Ronald A. Weis

By Naomi Engelciter

VILLAGE OF JACKSON

By Gordon E. Boldt

By Deborah A. Bauer

Signatures authenticated this 19th day of July, 1991.

H. S. Seefeldt
Member State Bar of Wisconsin

This document drafted by Atty. Aldwin H. Seefeldt of Schloemer, Alderson, Seefeldt & Spella, S.C., West Bend, Wisconsin.



STAFF MEMO

Village of Jackson Public Works

To: Brian Heckendorf, Village President
Jen Heidtke, Village Administrator

CC: Board of Public Works

From: Jack Straehler, Director of Public Works

Subject: ATV/UTV Ordinance Review – Hours of Operation

Meeting Date: May 26, 2026 – Board of Public Works

Background and Analysis:

This memo is to inform the Board that Staff were asked to consider amending the Village’s ATV/UTV ordinance to remove the current prohibition on operation between the hours of 10:00PM and 6:00AM. As part of the review process, Police Chief Vossekui surveyed surrounding and comparable communities regarding ATV/UTV operational hour restrictions.

The survey found that only one Washington County community currently imposes a restriction on hours of operation. All other surveyed communities do not restrict ATV/UTV use based on time of day.

After internal discussion, staff remains neutral on the issue for the following reasons:

Potential Benefit of Amending the Ordinance:

- Amending the ordinance could provide a benefit to residents who use recreational vehicles for early morning hunting and related outdoor recreational activities, provided the community supports such a change.

Potential Benefit of Maintaining the Current Ordinance:

- Retaining the existing restriction reduces the likelihood of nuisance complaints related to ATV/UTV noise and activity during overnight and early morning hours between 10:00 PM and 6:00 AM.

JS

Recommendation:

The Board may consider one of the following recommended options:

Option 1: Board of Public Works recommends staff leave the ordinance as currently written.

Option 2: Board of Public Works recommends staff prepare an ordinance amendment removing the restriction on ATV/UTV operation between 10:00 PM and 6:00 AM.

ORDINANCE #24-11

An Ordinance Creating Sec. 42-121 of the Municipal Code of the Village of Jackson Designating All-Terrain Vehicle (ATV) and Utility-Terrain Vehicle (UTV) Routes

Section 1. Intent.

The Village of Jackson, Washington County, Wisconsin, adopts the following Ordinance Designating All-Terrain Vehicle and Utility-Terrain Vehicle Routes. The purpose of this Ordinance is to establish all-terrain and utility-terrain vehicle routes in the Village of Jackson and to regulate the operation of all-terrain and utility-terrain vehicles in the Village.

Section 2. Statutory Authority.

This Ordinance is adopted pursuant to Wis. Stat. § 23.33(8)(b) and (11).

Section 3. Definitions.

The definitions in Wis. Stat. § 23.33(1) are hereby incorporated by reference.

Section 4. State Laws Adopted.

Except as otherwise provided in this section, the statutory provisions in Wis. Stat. Chs. 23, 340 to 348, and 350 establishing the definitions and regulations with respect to ATVs and UTVs, and Wis. Adm. Code. Ch. NR 64, All-Terrain Vehicles, exclusive of any provisions therein relating to penalties to be imposed and exclusive of any regulations for which the statutory penalty is a fine or term of imprisonment, are hereby adopted and by reference made a part of this chapter as if fully set forth herein. Unless otherwise provided in this section, any act required to be performed or prohibited by any statute incorporated herein by reference is required or prohibited by this ordinance. Any future amendments, revisions or modifications of the statutes or administrative codes incorporated herein are made a part of this section in order to secure uniform statewide regulation of ATVs and UTVs, except to the extent that the provisions of this section are more restrictive

Section 5. Routes

- (a) No person shall operate an ATV or UTV on any Village street, alley, park or parking lot, on any public lands or parking lots held open to the public, or on any land within the Village except as provided in this section.
- (b) All streets in the Village are designated ATV/UTV routes.
- (c) Authorized Routes. ATVs/UTVs are authorized to operate on the following highways:
 - 1. CTH P
 - 2. STH 60 from Eagle Drive to Industrial Drive/Glen Brooke Drive. There shall be no operation of ATVs/UTVs on STH 60 from Industrial Drive to the western boundary of the Village.
- (d) The Village reserves the right to close or modify ATV and UTV routes at any time
- (e) Municipal, State, and Utility Operations. An ATV or UTV owned by a municipality, state agency, public utility, or electric cooperative may be operated on any street or highway within the Village, and within any Village park, while the operator is engaged in an emergency or the operation directly relates to the functions of the municipality, state agency, public utility, or electric cooperative. Unless safety requires strict adherence, the regulations in subsection (4) shall not apply to such operation of an ATV or UTV.
- (f) Route Signs. All ATV and UTV routes shall be signed in accordance with Wis. Admin. Code Sec. NR 64.12. The Village shall install and maintain all route signs within the Village, including without limitation, on federal, state and county trunk highways within the Village.

Section 6. Conditions.

As condition for use of Village roads, the following conditions shall apply to all operators (and passengers):

- (a) All all-terrain vehicle and utility-terrain vehicle operators shall observe posted speed limits.
- (b) ATVs and UTVs may only be operated on approved ATV/UTV routes from 6 a.m. to 10 p.m.

- (c) No person under 18 years of age may operate or be a passenger on an all-terrain vehicle or utility-terrain vehicle without wearing protective headgear of the type required under Wis. Stat. § 347.485(1)(a) and with the chin strap properly fastened, except as specifically exempted under Wis. Stat. § 23.33(3g)(b), (c) and (d).
- (d) No person under the age of 16 may operate an ATV or UTV on any segment of a street or highway in the Village.
- (e) All ATV and UTV operators are subject to and shall abide by applicable provisions of the Wisconsin Statutes and Department of Natural Resources regulations pertaining to safety and safety certificate requirements. Persons born on or after January 1, 1988, must possess a valid safety certificate to operate an ATV or UTV and shall display proof that the person holds a valid safety certificate to a law enforcement officer on request.
- (f) Operation of all-terrain vehicles and utility-terrain vehicles on roadways designated as all-terrain vehicle and utility-terrain vehicle routes are authorized only for the extreme right side of the roadway, on the paved surface (if the roadway is paved), except that left turns may be made from any part of the roadway that is safe given prevailing conditions.
- (g) Every person who operates an ATV or UTV on any street or highway in the Village shall have in his or her immediate possession a valid motor vehicle operator's license. The ATV/UTV operator shall display the operator's license upon demand from any law enforcement officer, state patrol officer, inspector under Wis. Stat. § 110.07(1), conservation warden, or municipal peace officer.
- (h) All ATVs and UTVs are required to have liability insurance with limits no less than the amounts specified in Wis. Stat. § 344.33(2)(a) through (c). The operator of an ATV or UTV shall display proof of such insurance upon demand from any traffic officer.
- (i) ATVs and UTVs shall be subject to all Village parking regulations and restrictions.
- (j) ATVs or UTVs may be operated within Village parking lots, unless otherwise prohibited by this section.
- (k) No person shall operate an ATV or UTV within any Village park, or on any sidewalk, designated bicycle or pedestrian lane, gravel shoulder, ditch or other area of any street right-of-way other than on the paved roadway, unless specifically designated and posted otherwise by the Village

- (l) No person shall, while operating an ATV or UTV, engage in the practice of cruising on any authorized roads. Cruising is defined as running all or part of the length of a roadway multiple times, per day, back and forth, for any purpose other than departing or arriving at their residence, or place of lodging, or departing or arriving, at a person's place of employment
- (m) No person shall leave or allow any ATV or UTV owned or operated by that person to remain unattended on any public highway or public property while the motor is running or with the starting key left in the ignition.
- (n) No person may operate a UTV unless each passenger is wearing a safety belt installed by the manufacturer and fastened in a manner prescribed by the manufacturer of the safety belt to act as a body restraint.
- (o) No person shall operate an ATV or UTV on any route where the vehicle does not meet state or municipal noise and exhaust restriction requirements.
- (p) No person may operate or park, stop or leave standing an ATV or UTV while using a radio or other electronic sound amplification device emitting sound from the vehicle that is audible under normal conditions from 75 feet or more, unless the electronic sound amplification device is being used to request assistance or to warn against an unsafe condition.
- (q) No operator or passenger of an ATV or UTV may possess in or on an ATV or UTV on any street or highway in the Village, any bottle or receptacle containing alcohol beverages if the bottle or receptacle has been opened, the seal has been broken, or the contents of the bottle or receptacle have been partially removed or released. This subsection does not apply if the bottle or receptacle is kept in the trunk of the ATV or UTV or if the ATV or UTV does not have a trunk, in some other area of the ATV or UTV not normally occupied by the operator or passengers. A utility compartment or glove compartment is considered to be within the area normally occupied by the operator and passengers.
- (r) No person shall operate an ATV or UTV while under the influence of an intoxicant, a restricted controlled substance, a controlled substance analog, or any combination of these elements, to a degree which renders the person incapable of safely operating the ATV or UTV.
- (s) All all-terrain vehicle and utility-terrain vehicle operators shall ride single file.
- (t) The operator of an all-terrain vehicle or utility-terrain vehicle shall obey all traffic laws local ordinances and DNR regulations.

- (u) The operator of an all-terrain vehicle or utility-terrain vehicle shall display a lighted headlamp and tail lamps on the all-terrain vehicle or utility-terrain vehicle and display the registration or license plate at all times.
- (v) All-terrain vehicle and utility-terrain vehicle operation is at the risk of the operator. The Village of Jackson has no liability for any damage or injury to persons, real property or personal property, arising out of the operation of all-terrain vehicles and utility-terrain vehicles on designated all-terrain vehicle and utility-terrain vehicle routes.
- (w) Routes are open year-round.
- (x) All operations are subject to the provisions of Wis. Stat. § 23.33, which are incorporated by reference.

Section 7. Enforcement.

This Ordinance shall be enforced by any law enforcement officer authorized to enforce the laws of the State of Wisconsin.

Section 8. Penalties.

Wisconsin State All-Terrain Vehicle penalties as found in Wis. Stat. § 23.33(13)(a) are adopted by reference.

Section 9. Severability.

The provisions of this Ordinance shall be deemed severable and it is expressly declared that the Village would have passed the other provisions of this Ordinance irrespective of whether or not one or more provisions may be declared invalid. If any provision of this Ordinance or the application to any person or circumstances is held invalid, the remainder of the Ordinance and the application of such provisions to other persons or circumstances shall not be deemed affected.

Section 10. Effective Date.

This Ordinance becomes effective upon passage and publication.

Introduced by: Brian Heckendorf Seconded by: J. Ammrich

Vote: 6 aye 0 nay

Passed and approved 12/10/2024

VILLAGE OF JACKSON

By: 
Brian J. Heckendorf, Village President

Attest:


Jacqueline Schuh, Village Clerk

Proof of Posting:

I, the undersigned, certify that I posted copies of this Ordinance on bulletin boards at the Jackson Municipal Complex, Post Office and one other location in the Village.


Village Official

12/11/2024
Date



STAFF MEMO

Village of Jackson Public Works

To: Brian Heckendorf, Village President
Jen Heidtke, Village Administrator

CC: Board of Public Works; Village Board

From: Jack Straehler, Director of Public Works

Subject: Ordinance #26-06 - Amending Chapter 8 of Village Code, Regarding Sec. 8-167 – Cross Connection Control

Meeting Date: May 26, 2026 – Board of Public Works

Background and Analysis:

This memo is intended to inform and remind the Board that the Village recently entered into an agreement with HydroCorp related to commercial cross connection inspections and compliance requirements. As part of implementing the Cross Connection Control Plan, it was necessary to adopt an ordinance amendment to ensure the Village had the appropriate enforcement authority and regulatory framework to administer and enforce the program requirements.

The draft ordinance amendment and Cross Connection Control Plan are attached and are intended to support compliance, inspections, and enforcement obligations under the agreement and applicable regulatory standards.

Let me know if you have any questions.

JS

Recommendation:

Board of Public Works recommends the Village Board approve Ordinance #26-06 Amending Chapter 8 of Village Code Regarding Sec. 8-167 - Cross Connection Control.

ORDINANCE #26-06

**AMENDING CHAPTER 8 OF THE VILLAGE CODE
REGARDING SEC. 8-167 – CROSS CONNECTION CONTROL**

THE VILLAGE BOARD OF THE VILLAGE OF JACKSON, WASHINGTON COUNTY, WISCONSIN, does hereby ordain the following changes to the Village Code:

SECTION I. Chapter 8 Section 167 of the Village Code of the Village of Jackson is hereby recreated to read as follows:

Sec. 8-167. Cross connection control.

WHEREAS, Chapters NR 810, Section NR 810.15, Chapter 811, Sections NR 811.06, NR 811.07, NR 811.68, SPS 382, Wisconsin Administrative Code and Department of Safety and Professional Services 305, 381-384, require protection for the public water system from contamination due to backflow of contaminants through the water service connection; and **WHEREAS** the Wisconsin Department of Natural Resources requires the development and implementation of a comprehensive cross connection control program to effectively prevent the contamination of potable water systems;

(a) A cross connection shall be defined as any physical connection or arrangement between two otherwise separate systems, one of which contains potable water from the village water system, and the other, water from a private source, water of unknown or questionable safety, or steam, gases, or chemicals whereby there may be a flow depending on the pressure differential between the two systems.

(b) No person shall establish or permit to be established or maintain or permit to be maintained any cross connection. No interconnection shall be established whereby potable water from a private, auxiliary or emergency water supply other than the regular village public water supply may enter the village water supply or distribution system, unless such private, auxiliary or emergency water supply and the method of incorporation into the village supply or distribution systems is approved by the water utility and the state department of natural resources in accordance with Wis. Admin. Code § NR 811.09.

(c) It shall be the duty of the utility department to cause inspections to be made of all properties served by the public water system where cross connections with the public

water system is deemed possible. The frequency of inspections and re-inspections will be based on potential health hazards involved by the state department of natural resources.

(d) Upon presentation of credentials, the representative of the utility department shall have the right to request entry at any reasonable time to examine any property served by a connection to the public water system of the village for cross connections. If entry is refused, such representative shall obtain a special inspection warrant under Wis. Stats. § 66.0119. On request, the owner, lessee or occupant of any property so served shall furnish to the inspection agency any pertinent information regarding the piping system or systems on such property.

(e) The village water utility is hereby authorized and directed to discontinue water service to any property wherein any connection in violation of this Code exists, and to take such other precautionary measures deemed necessary to eliminate any danger of contamination of the public water system. Water service shall be discontinued only after reasonable notice and opportunity for hearing under Wis. Stats. ch. 68, except as provided in chapter 44. Water service to such property shall not be restored until the cross connections has been eliminated in compliance with the provisions of this Code.

(f) If it is determined by the village water utility that a cross connection or an emergency endangers public health, safety or welfare and requires immediate action, and a written finding to that effect is filed with the clerk of the village and delivered to the customer's premises, service may be immediately discontinued. The customer shall have an opportunity for hearing under Wis. Stats. ch. 68, within ten days of such emergency discontinuance.

(Prior Code, § 11.08; Ord. No. 96-09)

Sec. 8-168. Private well abandonment.

(a) **Coverage.** All private wells, including geothermal wells, located on any premises, which are served by the public water system of the village, shall be properly filled by such time and in such manner as set forth by resolution. Only those wells for which a well operation permit has been granted by the village engineer may be exempted from this requirement, subject to conditions of maintenance and operation.

(b) **Well operation permits.** Application shall be made on forms provided by the village engineer. A permit may be granted to a well-owner to operate a well for a period of three years if the following requirements are met:

(1) The well has passed an installation that meets the requirements of Wis. Admin. Code ch. NR 812, and a well constructor's report is on file with the department of natural resources (DNR), or certification of the acceptability of the well has been granted by the private water supply section of the department of natural resources.

(2) The well has passed an inspection by a DNR licensed well inspector and DNR form 3300-221, the state well and pressure system inspection form, is on file with the village engineer. The inspection form on file shall be no greater than ten years old.

(3) The well has a history of producing safe water and presently produces bacteriological safe water as evidenced by a sample submitted to a state certified laboratory for microbial analysis.

(4) No physical connection exists between the piping of the public water system and the private well.

(5) The proposed use of the well can be justified as being necessary in addition to water provided by the public water system.

(c) **Methods.** Wells to be abandoned shall be filled according to the procedures outlined in Wis. Admin. Code ch. NR 812. The pump and piping must be removed and the well checked out, by the village water utility department, for obstructions and cross connections prior to plugging. Any obstruction or liner must be removed. An abandonment permit must be obtained from the office of the village engineer prior to the beginning of work.

(d) **Reports and inspection.** A well abandonment report must be submitted by the well owner to the department of natural resources on forms provided by that agency (available at the office of the village engineer). The report shall be submitted immediately upon completion of the filling of the well. The filling must be observed by a representative of this municipality.
(Prior Code, § 11.09; Ord. No. 96-09; Ord. No. 01-04; Ord. No. 09-10; Ord. No. 10-03)

SECTION II. This Ordinance shall take effect from and after its passage and posting.

Introduced by: _____

Seconded by: _____

Vote: _____ aye _____ nay

Passed and Approved: _____

VILLAGE OF JACKSON

By: _____
Brian J. Heckendorf, Village President

Attest: _____
Pamela Wolf, Interim Village Clerk

Proof of Posting:

I, the undersigned, certify that I posted copies of this Ordinance on bulletin boards at the Village Hall, Post Office and one other location in the Village.

Dated: _____

Village Official: _____

Prepared for:

Village of Jackson – Municipal Complex
N168W19851 Main St.
Jackson, WI 53037



CROSS CONNECTION CONTROL PLAN

For

Village of Jackson, WI

Prepared by:



5700 Crooks Road, Suite 100
Troy, MI 48098
844-493-7641

04/28/2026

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1. INTRODUCTION

1.1. Purpose

The purpose of this document is to outline the Village of Jackson's Cross Connection Control policies for all commercial, industrial, public authority, and residential facilities, and is summarized as follows:

- Protect the public water supply from contaminants and pollutants that could backflow through the customer service connection
- Promote the elimination of actual and/or potential cross connections between the public potable water supply from any fixtures or systems containing water or other substances of unknown or questionable quality
- Provide for guidance for an ongoing comprehensive Cross Connection Control Program

1.2. Legality

In accordance with the State of Wisconsin Department of Natural Resources (DNR), the Village of Jackson proclaims this program as a continuing effort to maintain clean, safe potable water. By reference to the Wisconsin Administrative Code Department of Natural Resources Environmental Protection Water Supply Chapter NR 810, Section NR 810.15, Chapter NR 811, Sections NR 811.06, NR 811.07, NR 811.68, and Department of Safety and Professional Services 305, 381-384, we hereby establish the Village of Jackson's Cross Connection Control Program. This program was adopted by the hereby above described governing body on 10/1/2023.

2. ORDINANCE – Cross Connection Control Ordinance

STATE OF WISCONSIN VILLAGE OF JACKSON WASHINGTON COUNTY

ORDINANCE #26-06

**AMENDING CHAPTER 8 OF THE VILLAGE CODE
REGARDING SEC. 8-167 – CROSS CONNECTION CONTROL**

THE VILLAGE BOARD OF THE VILLAGE OF JACKSON, WASHINGTON COUNTY, WISCONSIN, does hereby ordain the following changes to the Village Code:

SECTION I. Chapter 8 Section 167 of the Village Code of the Village of Jackson is hereby recreated to read as follows:

Sec. 8-167. Cross connection control.

WHEREAS, Chapters NR 810, Section NR 810.15, Chapter 811, Sections NR 811.06, NR 811.07, NR 811.68, SPS 382, Wisconsin Administrative Code and Department of Safety and Professional Services 305, 381-384, require protection for the public water system from contamination due to backflow of contaminants through the water service connection; and WHEREAS the Wisconsin Department of Natural Resources requires the development and implementation of a comprehensive cross connection control program to effectively prevent the contamination of potable water systems;

(a) A cross connection shall be defined as any physical connection or arrangement between two otherwise separate systems, one of which contains potable water from the village water system, and the other, water from a private source, water of unknown or questionable safety, or steam, gases, or chemicals whereby there may be a flow depending on the pressure differential between the two systems.

(b) No person shall establish or permit to be established or maintain or permit to be maintained any cross connection. No interconnection shall be established whereby potable water from a private, auxiliary or emergency water supply other than the regular village public water supply may enter the village water supply or distribution system, unless such private, auxiliary or emergency water supply and the method of incorporation into the village supply or distribution systems is approved by the water utility and the state department of natural resources in accordance with Wis. Admin. Code § NR 811.09.

(c) It shall be the duty of the utility department to cause inspections to be made of all properties served by the public water system where cross connections with the public water system is deemed possible. The frequency of inspections and re-inspections will be based on potential health hazards involved by the state department of natural resources.

(d) Upon presentation of credentials, the representative of the utility department shall have the right to request entry at any reasonable time to examine any property served by a connection to the public water system of the village for cross connections. If entry is refused, such representative shall obtain a special inspection warrant under Wis. Stats. § 66.0119. On

request, the owner, lessee or occupant of any property so served shall furnish to the inspection agency any pertinent information regarding the piping system or systems on such property.

(e) The village water utility is hereby authorized and directed to discontinue water service to any property wherein any connection in violation of this Code exists, and to take such other precautionary measures deemed necessary to eliminate any danger of contamination of the public water system. Water service shall be discontinued only after reasonable notice and opportunity for hearing under Wis. Stats. ch. 68, except as provided in chapter 44. Water service to such property shall not be restored until the cross connections has been eliminated in compliance with the provisions of this Code.

(f) If it is determined by the village water utility that a cross connection or an emergency endangers public health, safety or welfare and requires immediate action, and a written finding to that effect is filed with the clerk of the village and delivered to the customer's premises, service may be immediately discontinued. The customer shall have an opportunity for hearing under Wis. Stats. ch. 68, within ten days of such emergency discontinuance.

(Prior Code, § 11.08; Ord. No. 96-09)

Sec. 8-168. Private well abandonment.

(a) Coverage. All private wells, including geothermal wells, located on any premises, which are served by the public water system of the village, shall be properly filled by such time and in such manner as set forth by resolution. Only those wells for which a well operation permit has been granted by the village engineer may be exempted from this requirement, subject to conditions of maintenance and operation.

(b) Well operation permits. Application shall be made on forms provided by the village engineer. A permit may be granted to a well-owner to operate a well for a period of three years if the following requirements are met:

(1) The well has passed an installation that meets the requirements of Wis. Admin. Code ch. NR 812, and a well constructor's report is on file with the department of natural resources (DNR), or certification of the acceptability of the well has been granted by the private water supply section of the department of natural resources.

(2) The well has passed an inspection by a DNR licensed well inspector and DNR form 3300-221, the state well and pressure system inspection form, is on file with the village engineer. The inspection form on file shall be no greater than ten years old.

(3) The well has a history of producing safe water and presently produces bacteriological safe water as evidenced by a sample submitted to a state certified laboratory for microbial analysis.

(4) No physical connection exists between the piping of the public water system and the private well.

(5) The proposed use of the well can be justified as being necessary in addition to water provided by the public water system.

(c) Methods. Wells to be abandoned shall be filled according to the procedures outlined in Wis. Admin. Code ch. NR 812. The pump and piping must be removed and the well checked out, by the village water utility department, for obstructions and cross connections prior to plugging. Any obstruction or liner must be removed. An abandonment permit must be obtained from the office of the village engineer prior to the beginning of work.

(d) Reports and inspection. A well abandonment report must be submitted by the well owner to the department of natural resources on forms provided by that agency (available at the office of the village engineer). The report shall be submitted immediately upon completion of the filling of the well. The filling must be observed by a representative of this municipality.

(Prior Code, § 11.09; Ord. No. 96-09; Ord. No. 01-04; Ord. No. 09-10; Ord. No. 10-03)

SECTION II. This Ordinance shall take effect from and after its passage and posting.

Introduced by: _____ Seconded by: _____

Vote: _____ aye _____ nay

Passed and Approved: _____

VILLAGE OF JACKSON

By:
Brian J. Heckendorf, Village President

Attest:
Pamela Wolf, Interim Village Clerk

Proof of Posting:

I, the undersigned, certify that I posted copies of this Ordinance on bulletin boards at the Village Hall, Post Office and one other location in the Village.

Dated: _____ - Village Official: _____

2.1. General Policy

2.2. Purpose

The purpose of this ordinance is:

- 2.2.1 To protect the health and welfare of users of the public potable water supply of Village of Jackson from the possibility of contamination or pollution of the potable water system(s) under the direct authority of the Village of Jackson's Public Water Utility.
- 2.2.2 To promote for the control and/or elimination of existing cross connections (actual or potential) between the customer's potable water system(s) and other environment(s) containing substance(s) which may contaminate or pollute the water supply.
- 2.2.3 To provide for the maintenance of a continuing Comprehensive Program of Cross Connection Control which will systematically and effectively prevent the contamination or pollution of all potable water system(s) under the direct authority of the Village of Jackson Public Water Utility.

AUTHORITY

The Village of Jackson shall be the Authority and Administrator of the Cross Connection Control Program. This shall include, but not be limited to:

- Inspections
- Requirements/Recommendations
- Data Management
- Public Relations
- Educational materials
- Notifications
- Periodic Re-inspections

2.3. Inspector/Designated Agent

The Village of Jackson or Designated Agent (Authority/Agent) conducting inspections on behalf of the Village of Jackson must be designated/approved by the Village of Jackson. The Authority/Agent must meet both 1) an experience component and 2) a certification/training component.

Acceptable certification/training components are as follows:

- Possess a certificate of completion from one of the following:
 - University of Wisconsin Department of Engineering Cross Connection Control Course (40 hrs.)
 - Wisconsin registered architect, engineer, or plumbing designer in accordance with the Wisconsin Department of Regulation and Licensing requirements in chapter A-E1
 - State of Wisconsin approved Surveyor Course conducted in accordance with ASSE 5120

- ASSE Professional Qualification Standard #5120 - Cross Connection Control Surveyor certified
- Certified operator or OIC with any of the above credentials.

2.4. Responsible Party for Specific Types of Inspections and Notifications

- Non-Residential Program:
 - Initial Inspection Notices – Agent
 - Initial Inspections – Agent
 - Non-Compliance Notices – Agent
 - Shut Off Notices – Village of Jackson
 - Compliance Inspections – Agent
 - Re-inspections – Agent

- Residential Program:
 - Initial Inspection Notices - Village of Jackson
 - Initial Inspections – Village of Jackson
 - Non-Compliance Notices - Village of Jackson
 - Shut Off Notices – Village of Jackson
 - Compliance Inspections – Village of Jackson
 - Re-inspections – Village of Jackson

2.5. Other Applicable Laws

The Authority shall conduct this Cross Connection Control Program in accordance with:

- Ordinance - **Sec. 8-167. Cross connection control.**
- Local District/County Health Department Standards relating to cross connection control
- The following chapters of the Wisconsin Administrative Code:
 - DSPS. 305 Licenses, Certification and Registrations
 - DSPS. 332 Public Employee Safety and Health
 - DSPS. 381 Definitions and Standards
 - DSPS. 382 Design, Construction, Installation, Supervision, Maintenance, and Inspection of Plumbing
 - DSPS 382 *Appendix*
 - DSPS. 384 Plumbing Products
 - DSPS. 384 *Appendix*
 - DSPS. 3145 Plumbing and Fire Protection Systems and Swimming Pool Plan Review
- Any other applicable laws affecting public health protection through cross connection control

3. INSPECTIONS

3.1. Rights of Inspection

Authorized employees/contractors, having proper identification, shall be permitted to enter the building/premises at reasonable times for the purpose of inspection for the presence or absence of cross connections, testing, repair, and maintenance of any part of the plumbing system or any cross-connection control device connected to the water system. The Authority shall deny or discontinue, after reasonable notice to the occupants, water service to any building/premises for refusal or failure to arrange for a cross connection inspection. The Authority shall deny or discontinue water service if there is reason to believe the building/premises pose a potential for danger to the public and/or occupants.

3.2. Responsibility of Owner

The Owner of the property shall be responsible for the protection of the public water supply from contamination due to backflow through the Owner's water service connection. The Authority may require Owners at their own expense to install, alter, replace, or repair any plumbing connected to the public water system that may pose a threat to public health. Failure, refusal or the inability on the part of the Owner to correct any deficiency or violation shall be unlawful and the Authority may deny or discontinue water service to the building/premises.

3.3. Initial Inspections

Facilities, as defined in Section 1.1, and connected to the public water system shall be inspected by a Cross Connection Control Inspector. The facility's water use practices shall be reviewed to determine whether there are actual or potential cross connections to the plumbing system through which contaminants or pollutants could backflow into the plumbing system or the public water supply. This type of inspection must be done as defined in Section 5.0, and will range from once every two (2) to six (6) years depending on the degree of hazard recorded with the Authority. Residential homes will be inspected at the same rate designated for the meter exchange rate, every (10) to (20) years.

3.4. Inspection Notification

An attempt to notify the facility owner shall be made prior to the inspection. This *Inspection Notice* will contain the following information:

- Reason for inspection
- Inspection date
- Contact telephone number to contact for scheduling/questions

The *Inspection Notice* (see section 8) will be mailed to the facility to be inspected approximately 14 days prior to the scheduled inspection.

While either the building/premises owner and/or Authority/Agent can request a change in inspection date, the Authority/Agent still reserves the right to enter any building/premises

unannounced for the sole purpose of inspecting for cross connections. Refusal of entry by the building/premises constitutes a violation of this program and the Authority can enforce code actions or deny or discontinue water service as applicable.

3.5. Inspection Forms

An Inspection Form (electronic or hard copy) shall be used in every inspection, as required, and will be filed in a location as identified by the Authority/Agent along with other pertinent information accumulated.

3.6. Inspection Procedures

Cross connection control inspections shall be completed as follows:

- Identify building/facility to be inspected and send inspection notice in advance.
- Meet on-site with facility contact/owner.
- Explain the Cross Connection Control Program to the facility contact/owner before inspection of the facility.
- Provide educational brochure.
- Inspect the building /premises and complete the inspection forms with the following information:
 - Identify facility type/classification and on-going inspection frequency based on the degree of hazard
 - Identify all building/premises water use equipment. Examples: water softeners, toilet ball cock assemblies, lawn sprinkling systems, hose aspirators, swimming pools, dry/liquid fertilizer feed, solar installations, hose outlets and laundry tubs
 - Confirm individual contact data
 - Do they have a secondary/auxiliary source of water (private well)?
- Identify isolation hazards utilizing the Inspection Form. A diagram of the system may be requested or required.
- Visually review all exposed piping and water outlets/uses.
- Complete all forms, as required, to identify the situation.

3.7. Exit Interview

After completing the inspection, the inspector will review with the facility contact/owner the cross connections found. If it is possible or necessary, the Inspector may request that the cross connections be addressed immediately. The Inspection Form will be signed by the Inspector and facility/owner during the exit interview.

3.8. Inspection Compliance Notification

Upon completion of an inspection, a facility having no cross connections, or that has addressed all existing or potential cross connections will receive a Compliance Tag to be placed near the service meter. See section 8 for example of Compliance Tag.

3.9. Initial Inspection Non-Compliance Notification

After the initial inspection, a *Notice of Non-Compliance* (see section 8) will be sent to each building/premises having unprotected cross connections. The *Notice of Non-Compliance* will include a list of requirements and provide the time allocated for compliance*.

3.10. Request for Internal Cross Connection Control Information

The Authority has the legal right to request specific cross connection control information to include but not limited to piping information, piping drawings or information related to a specific point of water use in relation to cross connections. The Authority shall issue a request notice for any one of the following:

- Facility is determined by the Inspector to be large and/or complex requiring considerable amount of additional time to inspect
- Facility does not allow for free and unlimited access to areas requiring inspection/survey
- Piping configurations are too complex or complicated
- Piping is not readily accessible (i.e. concealed piping)
- Multiple piping systems
- Inadequate piping identification
- Facility changes their plumbing configurations on a regular frequency
- Secondary/auxiliary water sources
- Manufacturing/use of industrial fluids in piping systems or facility operations
- Refusal of entry
- No current as-built/engineering drawings of the potable water system

If the Authority/Agent is not able to complete an inspection the property owner must, at their own expense, have the plumbing inspected for cross-connections by a certified firm or individual that has met the requirements in Section 3.1.

3.11. Request Notice for Internal Cross Connection Control Information

The Request Notice Internal Cross Connection Control Information shall contain the following information:

- Reason for the request
- Approved contractor requirements
- Contracted performance insurance requirements
- Time allocated to submit the cross-connection survey report to the Authority

Failure or refusal to comply with this request shall be unlawful and the Authority may deny or discontinue water service to the building/premises.

* The Authority reserves the right to adjust the number of days allocated for compliance based on the degree of hazard associated with existing and/or potential cross connections

3.12. Submission of Internal Cross Connection Control Information

Information that must be included is as follows:

- Methodology used to conduct the survey

- General facility overview
- List of violations/requirements - information must include the following:
 - Type of backflow prevention device to be installed
 - Size of backflow prevention device to be installed
 - Location description/remarks to include what the backflow prevention device will be supplying

- List of all existing backflow prevention devices (both testable and non-testable). Information that must be included is as follows:
 - Type of backflow prevention device installed
 - Size of backflow prevention device installed
 - Manufacturer of backflow prevention device to include:
 - Model
 - Serial number
 - Location description/remarks
- A proposed plan for the correction of violations/requirements must be submitted along with a proposed timetable for completion
- Drawings of the facility's potable water piping system may be required

Information can be submitted to the Authority/Agent in an electronic file format or hard copy.

3.13. Educational Material

- Residential and Commercial/Industrial Brochure – at time of inspection and every three years
- Additional Educational Brochure – upon request



PROTECT YOUR HOME'S DRINKING WATER

From the Hazards of Backflow

Your water utility operates a program to enhance the safety and quality of your drinking water through monitoring and correcting hazardous cross-connections.



WHAT IS A CROSS-CONNECTION?

A cross-connection is an actual or potential connection between the safe drinking water supply and a source of contamination or pollution. State plumbing codes require approved methods, called backflow prevention, be in place to prevent contaminated water from mixing with drinking (AKA potable) water at every point of potable water connection and use.



HOW DOES CONTAMINATION OCCUR?

Water normally flows in one direction. However, when water flows backward, backflow or contamination can occur. There are two causes of backflow: backsiphonage and backpressure.

Backsiphonage may occur due to a loss of pressure in the water system. This creates a siphon which can draw contaminants back into your water or the system.

Backpressure may be created when a source pressure is greater than the supply pressure. This can cause contaminated water to be pushed into your plumbing system through an unprotected cross-connection.

WHAT IS A CROSS-CONNECTION CONTROL PROGRAM?

Cross-connection control programs serve as a proactive, preventive approach to securing water systems. It is the method through which your utility ensures safe, potable water throughout your community. Cross-connection control is a comprehensive process that involves identifying cross-connections and preventing the backflow of pollutants and contaminants into the water supply.



ON-SITE SURVEYS

Visual on-site surveys of piping systems throughout your community ensure there are no unprotected cross-connections that could lead to water contamination. Your local cross-connection control program may require external and/or internal surveys of your home.



CORRECTIVE ACTIONS

Cross-connection control programs include enforcement for non-compliant cross-connections. If a survey identifies problems in your system, correct them in a timely manner to avoid penalties or the temporary loss of water service.

HOW CAN YOU PROTECT YOUR HOME'S DRINKING WATER?

DO'S

- Do verify and install a simple hose bibb vacuum breaker on laundry tubs and sink faucets around your home.
- Do make sure water treatment devices like water softener drain lines have the proper air gap—a minimum of one inch above any drain.
- Do ensure your lawn irrigation system has proper backflow protection. Test backflow prevention assemblies at appropriate intervals and as required by your utility.

DON'TS

- Don't submerge hoses in buckets, pools, tubs, sinks, or ponds.
- Don't use spray attachments without a backflow prevention device.
- Don't connect waste pipes from water softeners or other treatment systems directly to the sewer or submerged drainpipe.



DID YOU KNOW

Your water can become contaminated if connections to and within your plumbing system are not properly protected. The purpose of your local cross-connection control program is to ensure everyone in the community has safe, clean drinking water.

WATCH OUT FOR CROSS-CONNECTIONS IN:



Bathtub & Shower Fixtures: Maintain an air gap of at least one inch above the top of the flood level rim of the bathtub when the shower head is hanging freely.



Toilet Tanks: Look for the ASSE #1002 standard symbol on the fill valve device and packaging to ensure it is compliant and suited for this use.



Boilers: Ensure boilers with chemical additives have an ASSE #1013 reduced pressure principle backflow prevention assembly.



Home Exterior: Verify all outside faucets are protected with an ASSE-approved hose bibb vacuum breaker.

SUPPORT PUBLIC HEALTH & SAFETY

Remember, we're all in this together – and together we can work to keep your drinking water safe from the hazards of backflow.

Your participation in your local water service provider's cross-connection control program is vital! Protect the drinking water in your own home, while keeping your community's supply safe, too.



For more information, additional resources, and any questions, contact your water utility or visit watercustomer.com

HYDR  CORP.

4. PERIODIC MONITORING

4.1. Subsequent Inspection Frequency

Subsequent inspection frequency will be determined by the degree of hazard existing within the facility. The term degree of hazard shall be derived from the evaluation of conditions within a facility which can be classified as either a pollution or contamination hazard. Degree of hazard shall be determined by the Authority or Designated Agent.

4.2. Re-inspection Frequency – Determination

The re-inspection frequency is based on the hazards present at the time of the inspection and will be assigned to the facility by the agent. Frequency will range from every two (2) years for high hazard facilities, six (6) years for low hazard commercial facilities, and ten (10) to twenty (20) years for residential, and multi-family facilities.

4.3. Re-inspection Frequency – Criteria

- High hazard facilities every two (2) years - examples: Medical, Industrial/Manufacturing facilities, Car Washes, Mortuaries, Labs, Restaurants, Wastewater Treatment Plants, Marina's, Greenhouses/Nurseries, etc.
- Low hazard facilities every six (6) years – examples: Retail Outlets, Warehouses, Storage Buildings, Office Buildings, etc.
- Residential and Multi-family homes will be re-inspected every ten (10) to twenty (20) years based on the meter exchange frequency. Educational material will be provided at least every three (3) years to all residential homes.

4.4. Inspection Compliance Procedure

Upon notification from the facility that all violations have been corrected and the necessary backflow prevention devices are properly installed, a compliance re-inspection will be conducted as outlined in Sections 4.6 and 4.8 of this plan.

Upon completion of the compliance re-inspection, a facility having no cross connections, or having addressed all existing or potential cross connections, will receive an *Inspection Compliance Notice* or a Compliance Tag to be placed at the meter.

4.5. Inspection Non-Compliance Notification #2

Failure to comply with the *Inspection Non-Compliance Notification #1* within the number of days as determined by the Authority will result in issuing a second notice of inspection non-compliance*†. Included with the notice will be a Requirements List. The facility will be given a specific time frame to comply with *Inspection Non-Compliance Notification #2*.

† The Authority reserves the right to adjust the number of days allocated for compliance based on the degree of hazard associated with existing and/or potential cross connections.

4.6. Termination of Water Service

Termination[‡] of water service will be for any of the following reasons:

- Immediate health threat
- Non-compliance (i.e.: Failure to test devices and submit device test forms or refusal to comply with the requirements as outline in the Requirements Form)
- Refusal of entry

4.7. Shut-Off Notification

Failure to comply with the *Inspection Non-Compliance Notification #2* within the number of days as determined by the Authority will result in issuing an *Inspection Shut-Off Notice*. The notice may be sent registered mail, return receipt requested or other means of service as deemed necessary by Authority. The water shut off date will be “days after shut off notification” days from the date of notification. Example in section 8.

[‡] Termination procedures to be determined by the Authority

4.8. Inspection Frequency Standards Form

Typical Survey Frequency Based on Facility Types		
HDI CODE	Facility Type	Survey Frequency
AIRPOR	Airport	6
APARTM	Apartment Complex	10 or 20 depending on meter exchange rate
BANK	Bank	6
BAR	Bar / Pub – no kitchen	6
CARDEA	Car Dealership	6
CARWAS	Car Wash	2
CHURCH	Church	6
CITYOF	City Owned -Other	2
CITYOF	City Owned -Office	6
COLLEG	College Property	6
CONCRE	Concrete Mixing	2
CONDMN	Condominium	10 or 20 depending on meter exchange rate
COUNTY	County Owned Building	6
DAYCAR	Day Care Center	6
DENTIS	Dental Facility	2
DOCOFF	Single Office – Doctor	6
DRYCLE	Dry Cleaner	2
FITNES	Fitness Center	6
FLOWER	Florist	6
FUNERA	Mortuary /Funeral Home	2
GARAGE	Auto Repair Garage	6
GASSTA	Gas Station –No Garage	2
GASWAS	Gas Station -Car Wash	2
GOLF	Golf Course	6
GROCER	Grocery Store -Market	2
GYM	Gym	6
HALL	Hall	6
HOSPIT	Hospital	2
HOTEL	Hotel/Motel	2
INDUST	Industrial Facility	2
LAUNDR	Laundry	6
MARINA	Marina, Dock or Warf	2

Typical Survey Frequency Based on Facility Types (continued)		
HDI CODE	Facility Type	Survey Frequency
MALL	Shopping Mall	6
MEDCOM	Medical Complex	2
MOBILE	Mobile Home Park/Court	10 or 20 depending on meter exchange rate
MOVIE	Movie Theatre	6
NURSE	Nursing Home	2
NURSER	Nursery	6
OFFICE	Office Building	6
OTHER	Other	6
PARK	Community Park	6
PHARMA	Pharmaceutical Plant	2
RESIDE	Residential	10 or 20 depending on meter exchange rate
RESTAU	Restaurant	2
RETAIL	Retail Store	6
RETMAL	Retail Store in Strip Mall	6
SALON	Hair Salon / Barber Shop	6
SCHOOL	School	2
SMALL	Strip Mall	6
STADIU	Stadium – Civic Center	6
TRDSCH	Trade School	2
TWP	Township Owned Facility	6
VACANT	Vacant Building/Suite	1 - Unless Water Service Has been discontinued
VETERI	Veterinary Clinic/Hospital	2
VILLAG	Village Owned Property	2
WAREHO	Warehouse	6
WASTEW	Waste Water Plant	2

**This Chart Reflects Typical Survey Frequencies. A more frequent survey frequency may be required in some cases and will be determined at the initial CCC Survey based on the hazards present at the time of the inspection. All initial surveys should be completed in first two years of program.

5. BACKFLOW PREVENTION DEVICES

5.1. Responsibility

- Installation and maintenance of devices/methods shall be the responsibility of the building/premises owner
- Any installation in a health care facility involving a backflow prevention device requires Wisconsin Department of Safety and Professional Services plan approval. Refer to the Department of Safety and Professional Services DSPS 382.20(1)(a), table 382.20-1 entitled *Submittals to Department* for a list of instances requiring plan submittal
- Plan submittals for devices shall include a completed *General Plumbing Plan Approval Application*; form SBD-6154, along with the appropriate fee
- If a device is installed without prior approval from the Wisconsin Department of Safety and Professional Services, a fee of two (2) times the standard application fee must be paid. Provisions for exceptions to this rule are provided as follows:
 - If an inspection determines that a device must be installed immediately to correct an existing cross connection, the Wisconsin Department of Safety and Professional Services will accept the normal review fee provided:
 - The application includes a copy of the inspector's written report
 - Plan submittal is made within 30 days of the inspection date
- All testable assemblies shall be tested upon installation and at yearly intervals thereafter as required by the Wisconsin Department of Safety and Professional Services or as determined by the Authority
- Completed device test form(s) for the reduced pressure principle backflow preventer assembly, reduced pressure principle backflow preventer detector assembly, pressure vacuum breaker assembly and the backflow backsiphonage vacuum breaker assembly are to be distributed to the following parties;
 - The Wisconsin Department of Safety and Professional Services
 - The Owner
 - The Purveyor
 - The Tester
- The Authority/Agent may require additional testing for any of the following reasons:
 - Loss of water flow/pressure to the facility
 - Repair or maintenance to the water distribution system at or near the facility

5.2. Device Abbreviation List

HydroCorp, Inc. Device Legend			
A.S.S.E Standard	Legend	Acronym	Testable Device
1001	Atmospheric Type Vacuum Breakers	AVB	No
1002	Anti-siphon Fill Valves (Ballcocks)	ASBC	No
1011	Hose Connection Vacuum Breakers	HBVB	No
1012	Backflow Preventer w/Intermediate Atmospheric Vent	VDCV	No
1013	Reduced Pressure Backflow Prevention Asy.	RPBP	Yes
1015	Double Check Backflow Prevention Assembly	DCV	Yes
1019	Vacuum Breaker Wall Hydrants	HBIVB	No
1020	Pressure Vacuum Breaker Assembly	PVB	Yes
1022	Backflow Preventer for Carbonated Beverage Machine	VMBP	No
1024	Dual Check Valve Type Backflow Preventers	DuC	No
1032	Backflow Preventer for Carbonated Beverage Machine	VMBP	No
1035	Laboratory Faucet Backflow Preventer	LFVB	No
1037	Pressurized Flushing Devices (Flushometers)	PFD	No
1047	RP Detector Backflow Prevention Assembly	RPDA	Yes
1048	Double Check Detector Backflow Prevention Assembly	DDCV	Yes
1052	Hose Connection Backflow Preventer	HCBP	No
1053	Dual Check Backflow Preventer Wall Hydrant	HBIVB	No
1055	Chemical Dispensing Systems	AG	No
1056	Spill Resistant Vacuum Breaker Assembly	SVB	Yes
1057	Freeze Resistant Yard Hydrant W/Backflow		No
1081	Backflow preventers with integral pressure reducing boiler feed valve and intermediate atmospheric vent	VDCV	No
A112.1.2	Air Gap	AG	No
	Vacuum Breaker Tee	VBT	No
1001, 1002,1014 OR A112.1.2	Restroom Fixture (Common restroom fixtures)	RRF	No
	Device and/or piping requires a cap	CAP	No
	No Contact Was Not Available	INSPECT	No
	Install approved device	INSTALL	No
	Pipe requires labeling	LABEL	No
	See Remarks	OTHER	No
	Refusal of Facility Inspection	REFUSAL	No
	Device is in need of repair	REPAIR	No
	Requires replacement	REPLACE	No
	Requires relocation and/or new piping	REPLUMB	No
	Survey Required	SURVEY	No
	Single Check Valve	SCV	No

5.3. Approved Backflow Prevention Devices

The Village of Jackson accepts backflow prevention devices as recognized by the Department of Safety and Professional Services.

The Department of SPS stipulates backflow prevention devices must be of the type recognized in accordance with the Wisconsin Administrative Code, DSPS. 384, *Plumbing Products*, and shall be listed by a recognized listing agency acceptable to the department.

Agencies acceptable to the department may be found in the Wisconsin Administrative Code, DSPS. 384, *Appendix*.

5.4. Cross Connection Control Device Performance Test Form



Cross Connection Control Performance Test

Industry Services Division
P.O. Box 7302
Madison, WI 53707-7302
Fax: (608) 267-9723
TTY: through Relay

NOTE: Registrations for all assemblies (except those located in health care facilities) along with all test reports can be done online for reduced fees at <http://dps.wi.gov/SB/SB-PlumbingCccaTestsRegisters.html>.

Regulated Object Number: _____

Personal information you provide may be used for secondary purposes [Privacy Law, s.1504 (1)(m)].

Owner Information **Please print clearly in ballpoint pen.**

Owner Name			Street Address		
City	State	Zip Code	Owner's Contact Person		Telephone Number () ()

Facility Information

Facility Name			Street Address		
City	Zip Code		County		
Assembly Location			Assembly is Serving		
Manufacturer			Model		Serial Number

Size _____ Assembly Type () RP () RP Detector () PVB () SRVB

Water Supply Source: Check One () Municipal Water System () Other than municipal, non-community or private water system. See NR 811 and 812 for definitions.

Initial Test

RP relief valve Opened at _____ PSID <input type="checkbox"/> Did not open	1st check <input type="checkbox"/> Closed tight <input type="checkbox"/> Leaked Static _____ PSID	2nd check <input type="checkbox"/> Closed tight <input type="checkbox"/> Leaked Static _____ PSID
---	--	--

FINAL TEST

Opened at _____ PSID	<input type="checkbox"/> Closed tight Static _____ PSID	<input type="checkbox"/> Closed tight Static _____ PSID
----------------------	--	--

DETECTOR BYPASS ASSEMBLY INITIAL TEST

RP relief valve Opened at _____ PSID <input type="checkbox"/> Did not open	1st check <input type="checkbox"/> Closed tight <input type="checkbox"/> Leaked Static _____ PSID	2nd check <input type="checkbox"/> Closed tight <input type="checkbox"/> Leaked Static _____ PSID
---	--	--

DETECTOR BYPASS ASSEMBLY FINAL TEST

Opened at _____ PSID	<input type="checkbox"/> Closed tight Static _____ PSID	<input type="checkbox"/> Closed tight Static _____ PSID
----------------------	--	--

PVB/SRVB INITIAL TEST

Air inlet valve Opened at _____ PSID <input type="checkbox"/> Did not open	Check valve <input type="checkbox"/> Closed tight <input type="checkbox"/> Leaked Static _____ PSID
---	---

PVB/SRVB FINAL TEST

Air inlet valve Opened at _____ PSID	Check Valve <input type="checkbox"/> Closed tight Static _____ PSID
--	--

Assemblies in Fire Protection Systems

Note: Include hose stream demand where applicable

Forward Flow Test Designed flow rate _____ GPM	Actual flow rate _____ GPM
Indicating Control Valves <input type="checkbox"/> No. one control valve open <input type="checkbox"/> No. two control valve open	
Valve supervision: <input type="checkbox"/> Tamper switch <input type="checkbox"/> Locked	

Part (s) Replaced/Comments _____

Make Checks Payable to **DSPS**

Attach Check Here

Total Amount Due \$30 Per Assembly

I Hereby Certify the Test Results Are True and the Test Was Conducted by Me Personally.

Tester Name (print) _____ Tester Signature _____	Registration No. _____ Phone No. _____	Time of Day _____ Date _____
---	---	---------------------------------

SBD-9927 (R03/13)

Copies: Department, Testers, Owner, Water Purveyor

Revenue Code 7657

Owner Information

5.5. Cross Connection Control Assembly Removal Notice



Safety and Buildings Division
P. O. Box 7302
Madison, Wisconsin 53707
(608) 267-2497
FAX (608) 267-9723
<http://www.dps.state.wi.us/sb>
<http://www.wisconsin.gov>

Cross Connection Control Assembly Removal Notice

You can search on the Internet for information that the Safety and Buildings Division has concerning cross connection control devices: http://apps.commerce.wi.gov/SB_ServiceAgent/SB_RegObjMain.jsp

DATE: _____ PROJECT NAME: _____
REGULATED OBJECT # _____ ADDRESS: _____
CITY/ZIP _____
MANUFACTURER: _____ SIZE: _____ SERIAL NO.: _____
RP LOCATION: _____

The terms "Out of Service" or "Removed from Service" do not provide sufficient information to define the situation. Please answer the following questions and return this form to the address above: Attention Chris Severson.

1. Is the reduced backflow assembly still on the water line?
YES _____ NO _____

If reduced backflow assembly is on the water line, it must be tested even if the water has been turned off.

2. If reduced backflow assembly has been taken off the water line, where is the valve now?

IN STORAGE _____ DESTROYED _____

3. Has the water line been capped?

YES _____ NO _____

4. If reduced backflow assembly is off the water line, what is protecting the down stream water line?

Print Name

Signature and Title

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04 (1)(m)].

SBD-10766 (R 11/11)

6. NEW SERVICE INSPECTIONS

6.1. Procedures

All plumbing plans and permits for a proposed building shall be reviewed by the Authority, Plumbing Inspector, Building Inspector and building contractor(s). The Authority's Cross Connection Control Plan and Backflow Prevention requirements will be reviewed with the responsible party.

6.2. Inspections

The Authority/Agent conducting the cross connection control inspection shall inspect the building/premises for compliance with the Cross Connection Control Program.

6.3. Compliance

Upon completion of the cross connection control inspection and it is determined that the facility is in compliance and has been met any required actions of this plan, certificate of occupancy and water service will be initiated.

6.4. Non-Compliance

If the facility does not comply with the Cross Connection Control Program, the Authority shall enforce this plan as required. The water service and the certificate of occupancy will not be initiated until compliance is achieved and approved.

6.5. Bulk Water Sales

Persons purchasing water in bulk shall contact Utility office prior to taking water from hydrants or fill stations. Utility personnel shall be present to insure tanks are properly equipped to prevent cross connections to the Utility water supply.

6.6. Bulk Water Stations

Bulk Water Fill Stations shall be inspected to ensure they are properly protected against backflow in accordance with NR 811.78. At a minimum, all Bulk Water Loading Stations shall be installed with either (1) a free air break to prevent back siphonage of contaminated water or other substances or (2) a reduced pressure backflow prevention assembly installed on the supply line to the loading station. All hoses and other connections at loading stations shall be installed in such a manner that they cannot be contaminated by contact with the ground.

7. SAMPLE NOTICES

7.1. Non-Residential Inspection Notice (Initial Notice)



Village of Jackson
W194N16660 Eagle Dr.
Jackson, WI 53037



Cross Connection Control Program Inspection Notice

Sample Person
12345 Somewhere
Perfectville, FL 48888

Print Date: 05/20/2026

RE: Facility For Sample Notice at 12345 Somewhere

Reference #: **4C5-DA5-A9E**

Dear Water Customer,

As part of Village of Jackson's cross-connection control program, established under local ordinance, your property is scheduled for an on-site water system inspection.

A certified HydroCorp technician will conduct the inspection on behalf of Village of Jackson. The inspection is tentatively scheduled for N/A. Note: The inspection may occur one day before or after the scheduled date.

- The inspector will evaluate your internal water system for any connections that could pose a contamination risk to the public water supply.
- Inspections are conducted during normal business hours: 8:00 AM - 5:00 PM Monday through Friday.
- If your facility requires a specific time window for access, contact 844-493-7641.
- Any costs associated with the replacement, modification(s), installation, and/or testing of backflow prevention assemblies is the responsibility of the property owner or manager.

You will receive a follow-up notice after the inspection if any modifications or backflow testing are required.

For more information, please visit watercustomer.com or contact our support team at 844-493-7641 (available Monday-Friday, 8AM-8PM ET).

Thank you for your cooperation in keeping our water safe.

7.2. Non Compliance 1 and 2 Notice



Village of Jackson
W194N16660 Eagle Dr.
Jackson, WI 53037



Inspection Non-Compliance Notice 1

Sample Person
12345 Somewhere
Perfectville, FL 48888

Print Date: 05/20/2026

RE: Facility For Sample Notice at 12345 Somewhere

Reference #: **4C5-DA5-A9E**

Dear Water Customer,

As part of Village of Jackson's cross-connection control program, established under local ordinance, your property underwent an inspection on N/A to assess potential contamination risks.

During this inspection, non-compliant connections were identified that pose a risk of contaminating the public water system. Requirements are listed at the end of this letter.

ACTION REQUIRED

- **Address the corrective actions outlined at the end of this letter.** A licensed plumber is required to install backflow preventers and assist in resolving violations at the owners expense.
- **Immediate Testing Required at Installation:** All testable backflow assemblies must be tested upon installation by a state-approved certified tester. Note: Many licensed plumbers are also certified to conduct this testing.
- **Schedule a Compliance Inspection:** Once installation and testing are complete, contact HydroCorp, the city's authorized water safety and compliance partner, at 844-493-7641 no later than [date] to schedule a follow-up compliance inspection.

Final Deadline for Compliance: 06/17/2026. Failure to meet this deadline will result in continued non-compliance status and additional notifications.

If you have any questions or need assistance, visit watercustomer.com or call 844-493-7641 Monday-Friday, 8AM to 8PM ET.

Thank you for your prompt attention to this important public safety matter.

Order #	Device Type	Qty	Comment
---------	-------------	-----	---------



Village of Jackson
 W194N16660 Eagle Dr.
 Jackson, WI 53037



Inspection Non-Compliance Notice 2

Sample Person
 12345 Somewhere
 Perfectville, FL 48888

Print Date: 05/20/2026

RE: Facility For Sample Notice at 12345 Somewhere

Reference #: **4C5-DA5-A9E**

Dear Water Customer,

As part of Village of Jackson's cross-connection control program, established under local ordinance, your property underwent an inspection on N/A to assess potential contamination risks.

During this inspection, non-compliant connections were identified that pose a risk of contaminating the public water system. Requirements are listed at the end of this letter.

ACTION REQUIRED

- **Address the corrective actions outlined at the end of this letter.** A licensed plumber is required to install backflow preventers and assist in resolving violations at the owners expense.
- **Immediate Testing Required at Installation:** All testable backflow assemblies must be tested upon installation by a state-approved certified tester. Note: Many licensed plumbers are also certified to conduct this testing.
- **Schedule a Compliance Inspection:** Once installation and testing are complete, contact HydroCorp, the city's authorized water safety and compliance partner, at 844-493-7641 no later than [date] to schedule a follow-up compliance inspection.

This is the 2nd notice regarding this matter. Final Deadline for Compliance: 06/17/2026. Failure to meet this deadline will result in continued non-compliance status and additional notifications.

If you have any questions or need assistance, visit watercustomer.com or call 844-493-7641 Monday-Friday, 8AM to 8PM ET.

Thank you for your prompt attention to this important public safety matter.

Order #	Device Type	Qty	Comment

7.3. Non Compliance Disconnection Notice



Village of Jackson
W194N16660 Eagle Dr.
Jackson, WI 53037



Inspection Non-Compliance - Disconnection Notice

Sample Person
12345 Somewhere
Perfectville, FL 48888

Print Date: 05/20/2026

RE: Facility For Sample Notice at 12345 Somewhere

Reference #: **4C5-DA5-A9E**

Dear Water Customer,

As part of Village of Jackson's cross-connection control program, established under local ordinance, your property underwent an inspection on N/A to assess potential contamination risks.

During this inspection, non-compliant connections were identified that pose a risk of contaminating the public water system. Requirements are listed at the end of this letter.

ACTION REQUIRED

- **Address the corrective actions outlined at the end of this letter.** A licensed plumber is required to install backflow preventers and assist in resolving violations at the owners expense.
- **Immediate Testing Required at Installation:** All testable backflow assemblies must be tested upon installation by a state-approved certified tester. Note: Many licensed plumbers are also certified to conduct this testing.
- **Schedule a Compliance Inspection:** Once installation and testing are complete, contact HydroCorp, the city's authorized water safety and compliance partner, at 844-493-7641 no later than [date] to schedule a follow-up compliance inspection.

This is the 3rd and final notice regarding this matter. Final Deadline for Compliance: 06/03/2026. Failure to meet this deadline will result in continued non-compliance status and additional notifications.

If you have any questions or need assistance, visit watercustomer.com or call 844-493-7641 Monday-Friday, 8AM to 8PM ET.

Thank you for your prompt attention to this important public safety matter.

Order #	Device Type	Qty	Comment

7.4. Compliance Tags

HYDROCORP.
THE SAFE WATER AUTHORITY.
hydrocorpinc.com

DATE	INITIALS
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

This facility was in compliance with the local Cross-Connection Control Program inspection requirements on date above,
If your facility has Backflow Prevention Assemblies requiring testing, you will receive additional notice information outlining testing requirements.
Thank you for your assistance.
HydroCorp, Inc. Field Staff

HYDROCORP.
THE SAFE WATER AUTHORITY.
hydrocorpinc.com
800.315.4305

**Please Do Not
Remove this Tag**

8. REGULATIONS

- 8.1. Wisconsin Administrative Code NR 810, NR 811
- 8.2. State of Wisconsin Department of SPS Cross Connection Control Manual
- 8.3. Wisconsin Administrative Code: Chapter DSPS. 305 Licenses, Certifications and Registrations
- 8.4. Wisconsin Administrative Code: Chapter DSPS. 332 Public Safety and Health
- 8.5. Wisconsin Administrative Code: Chapter DSPS. 381 Definitions and Standards
- 8.6. Wisconsin Administrative Code: Chapter DSPS. 382 Design, Construction, Installation, Supervision, Maintenance, and Inspection of Plumbing
- 8.7. Wisconsin Administrative Code: Chapter DSPS. 382 Appendix – (partial)
- 8.8. Wisconsin Administrative Code: Chapter DSPS. 384 Plumbing Products
- 8.9. Wisconsin Administrative Code: Chapter DSPS. 384 Appendix
- 8.10. Wisconsin Administrative Code: Chapter 145 Plumbing and Fire Protection Systems and Swimming Pool Plan Review
- 8.11. United States Environmental Protection Agency Cross Connection Control Manual

Village of Jackson
Cross Connection Control Plan

Date: _____

In accordance with the State of Wisconsin Department of Natural Resources (DNR), the Village of Jackson proclaims this program as a continuing effort to maintain clean, safe potable water. By reference to the *Wisconsin Administrative Code Department of Natural Resources Environmental Protection Water Supply Chapter NR 810, Section NR 810.15, Chapter NR 811, Sections NR 811.06, NR 811.07, NR 811.68, and Department of Safety and Professional Services 305, 381-384*, we hereby establish the Village of Jackson’s Cross Connection Control Plan as adopted on _____.

RESOLUTION #26-23

**A RESOLUTION ADOPTING THE 2025 COMPLIANCE
MAINTENANCE ANNUAL REPORT FOR THE JACKSON
WASTEWATER TREATMENT FACILITY**

WHEREAS, the State of Wisconsin Department of Natural Resources requires a Compliance Maintenance Annual Report for the Village of Jackson Wastewater Treatment Plant; and

WHEREAS, the Village of Jackson Wastewater Treatment Plant Superintendent, the Village’s Director of Public Works, the Village Clerk and the Village Treasurer have completed the necessary information requested in the annual report; and

NOW, THEREFORE, BE IT RESOLVED, that the Village Board of the Village of Jackson, Washington County, Wisconsin, does hereby resolve that the Village Board has reviewed the Compliance Maintenance Annual Report, and has approved it for submission.

Introduced by: _____

Seconded by: _____

Vote: _____ Aye _____ Nay

Passed and Approved: _____

Brian J. Heckendorf – Village President

Attest: _____
Pamela Wolf – Interim Village Clerk

Proof of Posting:

I, the undersigned, certify that I posted this Resolution on bulletin boards at the Village Hall, Post Office, the Jackson Community Center, and the Village of Jackson website.

Village Official

Date

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

Last Updated: Reporting For:
5/13/2026 **2025**

Influent Flow and Loading

1. Monthly Average Flows and BOD Loadings

1.1 Verify the following monthly flows and BOD loadings to your facility.

Influent No. 701	Influent Monthly Average Flow, MGD	x	Influent Monthly Average BOD Concentration mg/L	x	8.34	=	Influent Monthly Average BOD Loading, lbs/day
January	0.8806	x	280	x	8.34	=	2,057
February	0.8907	x	368	x	8.34	=	2,731
March	1.3561	x	205	x	8.34	=	2,322
April	1.4430	x	322	x	8.34	=	3,881
May	1.2790	x	312	x	8.34	=	3,333
June	1.1007	x	313	x	8.34	=	2,869
July	0.9932	x	268	x	8.34	=	2,221
August	1.4465	x	243	x	8.34	=	2,929
September	0.9533	x	340	x	8.34	=	2,705
October	1.0384	x	345	x	8.34	=	2,986
November	0.9290	x	350	x	8.34	=	2,711
December	1.0758	x	333	x	8.34	=	2,988

2. Maximum Monthly Design Flow and Design BOD Loading

2.1 Verify the design flow and loading for your facility.

Design	Design Factor	x	%	=	% of Design
Max Month Design Flow, MGD	1.875	x	90	=	1.6875
		x	100	=	1.875
Design BOD, lbs/day	2980	x	90	=	2682
		x	100	=	2980

2.2 Verify the number of times the flow and BOD exceeded 90% or 100% of design, points earned, and score:

	Months of Influent	Number of times flow was greater than 90% of	Number of times flow was greater than 100% of	Number of times BOD was greater than 90% of design	Number of times BOD was greater than 100% of design
January	1	0	0	0	0
February	1	0	0	1	0
March	1	0	0	0	0
April	1	0	0	1	1
May	1	0	0	1	1
June	1	0	0	1	0
July	1	0	0	0	0
August	1	0	0	1	0
September	1	0	0	1	0
October	1	0	0	1	1
November	1	0	0	1	0
December	1	0	0	1	1
Points per each		2	1	3	2
Exceedances		0	0	9	4
Points		0	0	27	8
Total Number of Points					35

35

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

Last Updated: Reporting For:
5/13/2026 2025

3. Flow Meter

3.1 Was the influent flow meter calibrated in the last year?
 Yes Enter last calibration date (MM/DD/YYYY)

2025-12-03

No

If No, please explain:

4. Sewer Use Ordinance

4.1 Did your community have a sewer use ordinance that limited or prohibited the discharge of excessive conventional pollutants ((C)BOD, SS, or pH) or toxic substances to the sewer from industries, commercial users, hauled waste, or residences?

Yes

No

If No, please explain:

4.2 Was it necessary to enforce the ordinance?

Yes

No

If Yes, please explain:

5. Septage Receiving

5.1 Did you have requests to receive septage at your facility?

Septic Tanks

Holding Tanks

Grease Traps

Yes

Yes

Yes

No

No

No

5.2 Did you receive septage at your facility? If yes, indicate volume in gallons.

Septic Tanks

Yes 115,450 gallons

No

Holding Tanks

Yes 15,302,750 gallons

No

Grease Traps

Yes _____ gallons

No

5.2.1 If yes to any of the above, please explain if plant performance is affected when receiving any of these wastes.

The plant response well to hauled waste.

6. Pretreatment

6.1 Did your facility experience operational problems, permit violations, biosolids quality concerns, or hazardous situations in the sewer system or treatment plant that were attributable to commercial or industrial discharges in the last year?

Yes

No

If yes, describe the situation and your community's response.

6.2 Did your facility accept hauled industrial wastes, landfill leachate, etc.?

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

Last Updated: Reporting For:
5/13/2026 **2025**

<p><input type="radio"/> Yes</p> <p><input checked="" type="radio"/> No</p> <p>If yes, describe the types of wastes received and any procedures or other restrictions that were in place to protect the facility from the discharge of hauled industrial wastes.</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	
--	--

Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

Last Updated: Reporting For:
5/13/2026 **2025**

Effluent Quality and Plant Performance (BOD/CBOD)

1. Effluent (C)BOD Results

1.1 Verify the following monthly average effluent values, exceedances, and points for BOD or CBOD

Outfall No. 001	Monthly Average Limit (mg/L)	90% of Permit Limit > 10 (mg/L)	Effluent Monthly Average (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance	90% Permit Limit Exceedance
January	17	15.3	4	1	0	0
February	17	15.3	7	1	0	0
March	17	15.3	11	1	0	0
April	17	15.3	15	1	0	0
May	12	10.8	6	1	0	0
June	12	10.8	6	1	0	0
July	12	10.8	5	1	0	0
August	12	10.8	6	1	0	0
September	12	10.8	4	1	0	0
October	12	10.8	7	1	0	0
November	17	15.3	9	1	0	0
December	17	15.3	6	1	0	0

* Equals limit if limit is <= 10

Months of discharge/yr	12		
Points per each exceedance with 12 months of discharge		7	3
Exceedances		0	0
Points		0	0
Total number of points			0

NOTE: For systems that discharge intermittently to state waters, the points per monthly exceedance for this section shall be based upon a multiplication factor of 12 months divided by the number of months of discharge. Example: For a wastewater facility discharging only 6 months of the year, the multiplication factor is 12/6 = 2.0

1.2 If any violations occurred, what action was taken to regain compliance?

2. Flow Meter Calibration

2.1 Was the effluent flow meter calibrated in the last year?

- Yes

Enter last calibration date (MM/DD/YYYY)

2025-12-03

- No

If No, please explain:

3. Treatment Problems

3.1 What problems, if any, were experienced over the last year that threatened treatment?

No problems

4. Other Monitoring and Limits

4.1 At any time in the past year was there an exceedance of a permit limit for any other pollutants such as chlorides, pH, residual chlorine, fecal coliform, or metals?

- Yes

- No

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

Last Updated: Reporting For:
5/13/2026 **2025**

<p>If Yes, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
<p>4.2 At any time in the past year was there a failure of an effluent acute or chronic whole effluent toxicity (WET) test?</p> <p><input type="radio"/> Yes</p> <p><input checked="" type="radio"/> No</p> <p>If Yes, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
<p>4.3 If the biomonitoring (WET) test did not pass, were steps taken to identify and/or reduce source(s) of toxicity?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input checked="" type="radio"/> N/A</p> <p>Please explain unless not applicable:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>

Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

Last Updated: Reporting For:
5/13/2026 **2025**

Effluent Quality and Plant Performance (Total Suspended Solids)

1. Effluent Total Suspended Solids Results

1.1 Verify the following monthly average effluent values, exceedances, and points for TSS:

Outfall No. 001	Monthly Average Limit (mg/L)	90% of Permit Limit >10 (mg/L)	Effluent Monthly Average (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance	90% Permit Limit Exceedance
January	12	10.8	2	1	0	0
February	12	10.8	2	1	0	0
March	12	10.8	9	1	0	0
April	12	10.8	7	1	0	0
May	12	10.8	3	1	0	0
June	12	10.8	2	1	0	0
July	12	10.8	5	1	0	0
August	12	10.8	8	1	0	0
September	12	10.8	5	1	0	0
October	12	10.8	3	1	0	0
November	12	10.8	4	1	0	0
December	12	10.8	9	1	0	0

0

* Equals limit if limit is <= 10

Months of Discharge/yr	12		
Points per each exceedance with 12 months of discharge:	7	3	
Exceedances	0	0	
Points	0	0	
Total Number of Points			

NOTE: For systems that discharge intermittently to state waters, the points per monthly exceedance for this section shall be based upon a multiplication factor of 12 months divided by the number of months of discharge.

Example: For a wastewater facility discharging only 6 months of the year, the multiplication factor is $12/6 = 2.0$

1.2 If any violations occurred, what action was taken to regain compliance?

Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	

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Jackson Wastewater Treatment Plant

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Effluent Quality and Plant Performance (Ammonia - NH3)

1. Effluent Ammonia Results

1.1 Verify the following monthly and weekly average effluent values, exceedances and points for ammonia

Outfall No. 001	Monthly Average NH3 Limit (mg/L)	Weekly Average NH3 Limit (mg/L)	Effluent Monthly Average NH3 (mg/L)	Monthly Permit Limit Exceedance	Effluent Weekly Average for Week 1	Effluent Weekly Average for Week 2	Effluent Weekly Average for Week 3	Effluent Weekly Average for Week 4	Weekly Permit Limit Exceedance
January	7	14	.231	0	.13	.148	.545	.133	0
February	7	14	3.228	0	.16	.478	3.568	8.705	0
March	7	14	5.514	0	8.885	8.465	7.065	2.358	0
April	4.3	8.5	.664	0	1.64	.75	.308	.09	0
May	5.7	7.4	.121	0	.095	.18	.113	.105	0
June	3.9	5	.811	0	.76	.56	1.095	.85	0
July	3.9	5	.577	0	.73	.47	.29	.845	0
August	3.9	5	.895	0	.555	2.148	.77	.283	0
September	3.9	5	1.596	0	.678	3.593	1.81	.623	0
October	4.3	8.4	1.741	0	.95	.623	2.74	2.41	0
November	7	13	2.194	0	1.958	1.87	2.078	3.223	0
December	7	12	1.499	0	1.385	1.413	1.698	1.925	0
Points per each exceedance of Monthly average:									10
Exceedances, Monthly:									0
Points:									0
Points per each exceedance of weekly average (when there is no monthly average):									2.5
Exceedances, Weekly:									0
Points:									0
Total Number of Points									0

0

NOTE: Limit exceedances are considered for monthly OR weekly averages but not both. When a monthly average limit exists it will be used to determine exceedances and generate points. This will be true even if a weekly limit also exists. When a weekly average limit exists and a monthly limit does not exist, the weekly limit will be used to determine exceedances and generate points.

1.2 If any violations occurred, what action was taken to regain compliance?

Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	

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Effluent Quality and Plant Performance (Phosphorus)

1. Effluent Phosphorus Results

1.1 Verify the following monthly average effluent values, exceedances, and points for Phosphorus

Outfall No. 001	Monthly Average phosphorus Limit (mg/L)	Effluent Monthly Average phosphorus (mg/L)	Months of Discharge with a Limit	Permit Limit Exceedance
January	.85	0.751	1	0
February	.85	0.746	1	0
March	.85	0.890	1	1
April	.85	0.637	1	0
May	.85	0.603	1	0
June	.85	0.652	1	0
July	.85	0.517	1	0
August	.85	0.604	1	0
September	.85	0.663	1	0
October	.85	0.732	1	0
November	.85	0.782	1	0
December	.85	0.560	1	0
Months of Discharge/yr			12	
Points per each exceedance with 12 months of discharge:				10
Exceedances				1
Total Number of Points				10

10

NOTE: For systems that discharge intermittently to waters of the state, the points per monthly exceedance for this section shall be based upon a multiplication factor of 12 months divided by the number of months of discharge.

Example: For a wastewater facility discharging only 6 months of the year, the multiplication factor is $12/6 = 2.0$

1.2 If any violations occurred, what action was taken to regain compliance?

We added more Alum.

Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	

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Biosolids Quality and Management

1. Biosolids Use/Disposal

1.1 How did you use or dispose of your biosolids? (Check all that apply)

- Land applied under your permit
- Publicly Distributed Exceptional Quality Biosolids
- Hauled to another permitted facility
- Landfilled
- Incinerated
- Other

NOTE: If you did not remove biosolids from your system, please describe your system type such as lagoons, reed beds, recirculating sand filters, etc.

1.1.1 If you checked Other, please describe:

3. Biosolids Metals

Number of biosolids outfalls in your WPDES permit:

3.1 For each outfall tested, verify the biosolids metal quality values for your facility during the last calendar year.

Outfall No. 002 - ANAEROBIC LIQUID

Parameter	80% of Limit	H.Q. Limit	Ceiling Limit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	80% Value	High Quality	Ceiling
Arsenic		41	75			<26.2											0	0
Cadmium		39	85			<2.6											0	0
Copper		1500	4300			437											0	0
Lead		300	840			<26.2											0	0
Mercury		17	57			.338											0	0
Molybdenum	60		75			12										0		0
Nickel	336		420			23.1										0		0
Selenium	80		100			<52.3										0		0
Zinc		2800	7500			809											0	0

3.1.1 Number of times any of the metals exceeded the high quality limits OR 80% of the limit for molybdenum, nickel, or selenium = 0

Exceedence Points

- 0 (0 Points)
- 1-2 (10 Points)
- > 2 (15 Points)

3.1.2 If you exceeded the high quality limits, did you cumulatively track the metals loading at each land application site? (check applicable box)

- Yes
- No (10 points)
- N/A - Did not exceed limits or no HQ limit applies (0 points)
- N/A - Did not land apply biosolids until limit was met (0 points)

3.1.3 Number of times any of the metals exceeded the ceiling limits = 0

Exceedence Points

- 0 (0 Points)
- 1 (10 Points)
- > 1 (15 Points)

3.1.4 Were biosolids land applied which exceeded the ceiling limit?

- Yes (20 Points)
- No (0 Points)

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<p>3.1.5 If any metal limit (high quality or ceiling) was exceeded at any time, what action was taken? Has the source of the metals been identified?</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	0																				
<p>4. Pathogen Control (per outfall): 4.1 Verify the following information. If any information is incorrect, use the Report Issue button under the Options header in the left-side menu.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Outfall Number:</td> <td style="text-align: center;">002</td> </tr> <tr> <td>Biosolids Class:</td> <td style="text-align: center;">B</td> </tr> <tr> <td>Bacteria Type and Limit:</td> <td style="text-align: center;">Fecal Coliform</td> </tr> <tr> <td>Sample Dates:</td> <td>01/01/2025 - 12/31/2025</td> </tr> <tr> <td>Density:</td> <td>200,000</td> </tr> <tr> <td>Sample Concentration Amount:</td> <td>MPN/G TS</td> </tr> <tr> <td>Requirement Met:</td> <td>Yes</td> </tr> <tr> <td>Land Applied:</td> <td>Yes</td> </tr> <tr> <td>Process:</td> <td>Anaerobic Digestion</td> </tr> <tr> <td>Process Description:</td> <td>Anaerobic Digestion</td> </tr> </table> <p>4.2 If exceeded Class B limit or did not meet the process criteria at the time of land application. 4.2.1 Was the limit exceeded or the process criteria not met at the time of land application?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes (40 Points) <input checked="" type="radio"/> No <p>If yes, what action was taken?</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Outfall Number:	002	Biosolids Class:	B	Bacteria Type and Limit:	Fecal Coliform	Sample Dates:	01/01/2025 - 12/31/2025	Density:	200,000	Sample Concentration Amount:	MPN/G TS	Requirement Met:	Yes	Land Applied:	Yes	Process:	Anaerobic Digestion	Process Description:	Anaerobic Digestion	0
Outfall Number:	002																				
Biosolids Class:	B																				
Bacteria Type and Limit:	Fecal Coliform																				
Sample Dates:	01/01/2025 - 12/31/2025																				
Density:	200,000																				
Sample Concentration Amount:	MPN/G TS																				
Requirement Met:	Yes																				
Land Applied:	Yes																				
Process:	Anaerobic Digestion																				
Process Description:	Anaerobic Digestion																				
<p>5. Vector Attraction Reduction (per outfall): 5.1 Verify the following information. If any of the information is incorrect, use the Report Issue button under the Options header in the left-side menu.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Outfall Number:</td> <td style="text-align: center;">002</td> </tr> <tr> <td>Method Date:</td> <td style="text-align: center;">12/31/2025</td> </tr> <tr> <td>Option Used To Satisfy Requirement:</td> <td style="text-align: center;">Injection when land apply</td> </tr> <tr> <td>Requirement Met:</td> <td>Yes</td> </tr> <tr> <td>Land Applied:</td> <td>Yes</td> </tr> <tr> <td>Limit (if applicable):</td> <td></td> </tr> <tr> <td>Results (if applicable):</td> <td></td> </tr> </table> <p>5.2 Was the limit exceeded or the process criteria not met at the time of land application?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes (40 Points) <input checked="" type="radio"/> No <p>If yes, what action was taken?</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Outfall Number:	002	Method Date:	12/31/2025	Option Used To Satisfy Requirement:	Injection when land apply	Requirement Met:	Yes	Land Applied:	Yes	Limit (if applicable):		Results (if applicable):		0						
Outfall Number:	002																				
Method Date:	12/31/2025																				
Option Used To Satisfy Requirement:	Injection when land apply																				
Requirement Met:	Yes																				
Land Applied:	Yes																				
Limit (if applicable):																					
Results (if applicable):																					
<p>6. Biosolids Storage 6.1 How many days of actual, current biosolids storage capacity did your wastewater treatment facility have either on-site or off-site?</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> >= 180 days (0 Points) <input type="radio"/> 150 - 179 days (10 Points) <input type="radio"/> 120 - 149 days (20 Points) <input type="radio"/> 90 - 119 days (30 Points) 																					

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<ul style="list-style-type: none"> ○ < 90 days (40 Points) ○ N/A (0 Points) <p>6.2 If you checked N/A above, explain why.</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	0
<p>7. Issues</p> <p>7.1 Describe any outstanding biosolids issues with treatment, use or overall management:</p> <div style="border: 1px solid black; padding: 5px;"> <p>No issues at this time.</p> </div>	

Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	

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Staffing and Preventative Maintenance (All Treatment Plants)

<p>1. Plant Staffing</p> <p>1.1 Was your wastewater treatment plant adequately staffed last year?</p> <ul style="list-style-type: none">● Yes○ No <p>If No, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>Could use more help/staff for:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>1.2 Did your wastewater staff have adequate time to properly operate and maintain the plant and fulfill all wastewater management tasks including recordkeeping?</p> <ul style="list-style-type: none">● Yes○ No <p>If No, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	
<p>2. Preventative Maintenance</p> <p>2.1 Did your plant have a documented AND implemented plan for preventative maintenance on major equipment items?</p> <ul style="list-style-type: none">● Yes (Continue with question 2) <input type="checkbox"/><input type="checkbox"/>○ No (40 points) <input type="checkbox"/><input type="checkbox"/> <p>If No, please explain, then go to question 3:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>2.2 Did this preventative maintenance program depict frequency of intervals, types of lubrication, and other tasks necessary for each piece of equipment?</p> <ul style="list-style-type: none">● Yes○ No (10 points) <p>2.3 Were these preventative maintenance tasks, as well as major equipment repairs, recorded and filed so future maintenance problems can be assessed properly?</p> <ul style="list-style-type: none">● Yes<ul style="list-style-type: none">○ Paper file system○ Computer system● Both paper and computer system○ No (10 points)	0
<p>3. O&M Manual</p> <p>3.1 Does your plant have a detailed O&M and Manufacturer Equipment Manuals that can be used as a reference when needed?</p> <ul style="list-style-type: none">● Yes○ No	
<p>4. Overall Maintenance /Repairs</p> <p>4.1 Rate the overall maintenance of your wastewater plant.</p> <ul style="list-style-type: none">○ Excellent● Very good○ Good○ Fair○ Poor <p>Describe your rating:</p> <div style="border: 1px solid black; padding: 5px;">We take a proactive approach.</div>	

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Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	

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Operator Certification and Education

1. Operator-In-Charge

1.1 Did you have a designated operator-in-charge during the report year?

- Yes (0 points)
- No (20 points)

Name:

CHAD M RUSS

Certification No:

35582

0

2. Certification Requirements

2.1 In accordance with Chapter NR 114.56 and 114.57, Wisconsin Administrative Code, what level and subclass(es) were required for the operator-in-charge (OIC) to operate the wastewater treatment plant and what level and subclass(es) were held by the operator-in-charge?

Sub Class	SubClass Description	WWTP	OIC		
		Advanced	OIT	Basic	Advanced
A1	Suspended Growth Processes	X			X
A2	Attached Growth Processes				
A3	Recirculating Media Filters				
A4	Ponds, Lagoons and Natural				
A5	Anaerobic Treatment Of Liquid				
B	Solids Separation	X			X
C	Biological Solids/Sludges	X			X
P	Total Phosphorus	X			X
N	Total Nitrogen				
D	Disinfection	X			X
L	Laboratory	X			X
U	Unique Treatment Systems				
SS	Sanitary Sewage Collection	X	NA	X	NA

0

2.2 Was the operator-in-charge certified at the appropriate level and subclass(es) to operate this plant? (Note: Certification in subclass SS is required 5 years after permit reissuance.)

- Yes (0 points)
- No (20 points)

2.3 For wastewater treatment facilities with a registered or certified laboratory, is at least one operator that works in the laboratory certified at the basic level in the laboratory (L) subclass?

- Yes
- No
- N/A – Wastewater treatment facility does not have a registered or certified laboratory

2.4 For wastewater treatment facilities that own and operate a sanitary sewage collection system, has at least one operator been designated the OIC for sanitary sewage collection system and certified at the basic level in the sanitary sewage collection system (SS) subclass?

- Yes
- No
- N/A – Owner of the Wastewater treatment facility does not own and operate a sanitary sewage collection system

3. Succession Planning

3.1 In the event of the loss of your designated operator-in-charge, did you have a contingency plan to ensure the continued proper operation and maintenance of the plant that includes one or more of the following options (check all that apply)?

- One or more additional certified operators on staff

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<input type="checkbox"/> An arrangement with another certified operator <input type="checkbox"/> An arrangement with another community with a certified operator <input checked="" type="checkbox"/> An operator on staff who has an operator-in-training certificate for your plant and is expected to be certified within one year <input checked="" type="checkbox"/> A consultant to serve as your certified operator <input type="checkbox"/> None of the above (20 points) If "None of the above" is selected, please explain: <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>	0
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<p>4. Continuing Education Credits</p> <p>4.1 If you had a designated operator-in-charge, was the operator-in-charge earning Continuing Education Credits at the following rates?</p> <p>OIT and Basic Certification:</p> <ul style="list-style-type: none"> <input type="radio"/> Averaging 6 or more CECs per year. <input type="radio"/> Averaging less than 6 CECs per year. <p>Advanced Certification:</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> Averaging 8 or more CECs per year. <input type="radio"/> Averaging less than 8 CECs per year. 	
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Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	

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Financial Management

<p>1. Provider of Financial Information</p> <p>Name: <input style="width: 80%;" type="text" value="Darlene Smith, Village Treasurer"/></p> <p>Telephone: <input style="width: 30%;" type="text" value="262-677-9001"/> (XXX) XXX-XXXX</p> <p>E-Mail Address (optional): <input style="width: 80%;" type="text" value="darlene.smith@villageofjacksonwi.gov"/></p>																	
<p>2. Treatment Works Operating Revenues</p> <p>2.1 Are User Charges or other revenues sufficient to cover O&M expenses for your wastewater treatment plant AND/OR collection system ?</p> <p>● Yes (0 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ No (40 points)</p> <p>If No, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>2.2 When was the User Charge System or other revenue source(s) last reviewed and/or revised?</p> <p>Year: <input style="width: 150px;" type="text" value="2024"/></p> <p>● 0-2 years ago (0 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ 3 or more years ago (20 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ N/A (private facility)</p> <p>2.3 Did you have a special account (e.g., CWFPP required segregated Replacement Fund, etc.) or financial resources available for repairing or replacing equipment for your wastewater treatment plant and/or collection system?</p> <p>● Yes (0 points)</p> <p>○ No (40 points)</p>	0																
<p>REPLACEMENT FUNDS [PUBLIC MUNICIPAL FACILITIES SHALL COMPLETE QUESTION 3]</p>																	
<p>3. Equipment Replacement Funds</p> <p>3.1 When was the Equipment Replacement Fund last reviewed and/or revised?</p> <p>Year: <input style="width: 150px;" type="text" value="2024"/></p> <p>● 1-2 years ago (0 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ 3 or more years ago (20 points) <input type="checkbox"/><input type="checkbox"/></p> <p>○ N/A</p> <p>If N/A, please explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>																	
<p>3.2 Equipment Replacement Fund Activity</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">3.2.1 Ending Balance Reported on Last Year's CMAR</td> <td style="width: 5%;"></td> <td style="width: 5%; text-align: right;">\$</td> <td style="width: 30%; text-align: right;"><input style="width: 90%;" type="text" value="910,728.48"/></td> </tr> <tr> <td>3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)</td> <td style="text-align: center;">-</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 90%;" type="text" value="41,647.50"/></td> </tr> <tr> <td>3.2.3 Adjusted January 1st Beginning Balance</td> <td></td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 90%;" type="text" value="869,080.98"/></td> </tr> <tr> <td>3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)</td> <td style="text-align: center;">+</td> <td style="text-align: right;">\$</td> <td style="text-align: right;"><input style="width: 90%;" type="text" value="315,368.00"/></td> </tr> </table>	3.2.1 Ending Balance Reported on Last Year's CMAR		\$	<input style="width: 90%;" type="text" value="910,728.48"/>	3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)	-	\$	<input style="width: 90%;" type="text" value="41,647.50"/>	3.2.3 Adjusted January 1st Beginning Balance		\$	<input style="width: 90%;" type="text" value="869,080.98"/>	3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	+	\$	<input style="width: 90%;" type="text" value="315,368.00"/>	
3.2.1 Ending Balance Reported on Last Year's CMAR		\$	<input style="width: 90%;" type="text" value="910,728.48"/>														
3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.)	-	\$	<input style="width: 90%;" type="text" value="41,647.50"/>														
3.2.3 Adjusted January 1st Beginning Balance		\$	<input style="width: 90%;" type="text" value="869,080.98"/>														
3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.)	+	\$	<input style="width: 90%;" type="text" value="315,368.00"/>														

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3.2.5 Subtractions from Fund (e.g., equipment replacement, major repairs - use description box 3.2.6.1 below*) -

\$ 173,322.98

3.2.6 Ending Balance as of December 31st for CMAR Reporting Year

\$ 1,011,126.00

All Sources: This ending balance should include all Equipment Replacement Funds whether held in a bank account(s), certificate(s) of deposit, etc.

3.2.6.1 Indicate adjustments, equipment purchases, and/or major repairs from 3.2.5 above.

We repaired our backwash filters.

3.3 What amount should be in your Replacement Fund?

\$ 315,368.00

0

Please note: If you had a CWFPP loan, this amount was originally based on the Financial Assistance Agreement (FAA) and should be regularly updated as needed. Further calculation instructions and an example can be found by clicking the SectionInstructions link under Info header in the left-side menu.

3.3.1 Is the December 31 Ending Balance in your Replacement Fund above, (#3.2.6) equal to, or greater than the amount that should be in it (#3.3)?

- Yes
- No

If No, please explain.

4. Future Planning

4.1 During the next ten years, will you be involved in formal planning for upgrading, rehabilitating, or new construction of your treatment facility or collection system?

- Yes - If Yes, please provide major project information, if not already listed below.
- No

Project #	Project Description	Estimated Cost	Approximate Construction Year
1	The current discharge permit has a August 31, 2026 compliance date requirement for lower phosphorus limit. We are investigating a variety of options to meet the lower limit. Also, a new Facilities Planning Study has been completed.	\$120,000	2024
2	Construction has started on adding two new Backwash Filters and adding UV Disinfection.	\$5,700,000	2025
3	The current discharge permit has a August 31, 2026 compliance date requirement for lower phosphorus limit. We are investigating a variety of options to meet the lower limit. Also, a new Facilities Planning Study has been completed.	\$120,000	2024
4	Construction has started on adding two new Backwash Filters and adding UV Disinfection.	\$5,700,000	2025
5	The current discharge permit has a August 31, 2026 compliance date requirement for lower phosphorus limit. We are investigating a variety of options to meet the lower limit. Also, a new Facilities Planning Study has been completed.	\$120,000	2024
6	The current discharge permit has a August 31, 2026 compliance date requirement for lower phosphorus limit. We are investigating a variety of options to meet the lower limit. Also, a new Facilities Planning Study has been completed.	\$120,000	2024
7	The current discharge permit has a August 31, 2026 compliance date requirement for lower phosphorus limit. We are investigating a variety of options to meet the lower limit. Also, a new Facilities Planning Study has been completed.	\$120,000	2024

5. Financial Management General Comments

None at this time

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ENERGY EFFICIENCY AND USE

6. Collection System

6.1 Energy Usage

6.1.1 Enter the monthly energy usage from the different energy sources:

COLLECTION SYSTEM PUMPAGE: Total Power Consumed

Number of Municipally Owned Pump/Lift Stations:

	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	392	
February	324	
March	344	
April	396	
May	350	
June	436	
July	405	
August	379	
September	347	
October	337	
November	419	
December	485	
Total	4,614	0
Average	385	0

6.1.2 Comments:

6.2 Energy Related Processes and Equipment

6.2.1 Indicate equipment and practices utilized at your pump/lift stations (Check all that apply):

- Comminution or Screening
- Extended Shaft Pumps
- Flow Metering and Recording
- Pneumatic Pumping
- SCADA System
- Self-Priming Pumps
- Submersible Pumps
- Variable Speed Drives
- Other:

6.2.2 Comments:

6.3 Has an Energy Study been performed for your pump/lift stations?

- No
- Yes

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Jackson Wastewater Treatment Plant

Last Updated: Reporting For:
5/13/2026 **2025**

Year:

2023

By Whom:

Foth Infrastructure and Environment LLC

Describe and Comment:

Part of lift station study.

6.4 Future Energy Related Equipment

6.4.1 What energy efficient equipment or practices do you have planned for the future for your pump/lift stations?

Address with WWTP upgrade

7. Treatment Facility

7.1 Energy Usage

7.1.1 Enter the monthly energy usage from the different energy sources:

TREATMENT PLANT: Total Power Consumed/Month

	Electricity Consumed (kWh)	Total Influent Flow (MG)	Electricity Consumed/Flow (kWh/MG)	Total Influent BOD (1000 lbs)	Electricity Consumed/Total Influent BOD (kWh/1000lbs)	Natural Gas Consumed (therms)
January	129,757	27.30	4,753	63.77	2,035	5,369
February	109,620	24.94	4,395	76.47	1,434	4,212
March	99,634	42.04	2,370	71.98	1,384	3,418
April	114,774	43.29	2,651	116.43	986	1,979
May	94,100	39.65	2,373	103.32	911	1,031
June	112,588	33.02	3,410	86.07	1,308	422
July	113,365	30.79	3,682	68.85	1,647	326
August	111,179	44.84	2,479	90.80	1,224	178
September	104,987	28.60	3,671	81.15	1,294	403
October	101,656	32.19	3,158	92.57	1,098	520
November	127,309	27.87	4,568	81.33	1,565	2,267
December	139,635	33.35	4,187	92.63	1,507	5,149
Total	1,358,604	407.88		1,025.37		25,274
Average	113,217	33.99	3,475	85.45	1,366	2,106

7.1.2 Comments:

None at this time

7.2 Energy Related Processes and Equipment

7.2.1 Indicate equipment and practices utilized at your treatment facility (Check all that apply):

- Aerobic Digestion
- Anaerobic Digestion
- Biological Phosphorus Removal
- Coarse Bubble Diffusers
- Dissolved O2 Monitoring and Aeration Control
- Effluent Pumping

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

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- Fine Bubble Diffusers
- Influent Pumping
- Mechanical Sludge Processing
- Nitrification
- SCADA System
- UV Disinfection
- Variable Speed Drives
- Other:

7.2.2 Comments:

7.3 Future Energy Related Equipment

7.3.1 What energy efficient equipment or practices do you have planned for the future for your treatment facility?

Address with Facility Upgrade

8. Biogas Generation

8.1 Do you generate/produce biogas at your facility?

No

Yes

If Yes, how is the biogas used (Check all that apply):

- Flared Off
- Building Heat
- Process Heat
- Generate Electricity
- Other:

9. Energy Efficiency Study

9.1 Has an Energy Study been performed for your treatment facility?

No

Yes

Entire facility

Year:

By Whom:

Describe and Comment:

Part of the facility

Year:

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

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By Whom:	<input type="text"/>
Describe and Comment:	<input type="text"/>

Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	

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Jackson Wastewater Treatment Plant

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5/13/2026 2025

Sanitary Sewer Collection Systems

1. Capacity, Management, Operation, and Maintenance (CMOM) Program

1.1 Do you have a CMOM program that is being implemented?

- Yes
- No

If No, explain:

1.2 Do you have a CMOM program that contains all the applicable components and items according to Wisc. Adm Code NR 210.23 (4)?

- Yes
- No (30 points)
- N/A

If No or N/A, explain:

1.3 Does your CMOM program contain the following components and items? (check the components and items that apply)

- Goals [NR 210.23 (4)(a)]

Describe the major goals you had for your collection system last year:

Did you accomplish them?

- Yes
- No

If No, explain:

- Organization [NR 210.23 (4) (b)]

Does this chapter of your CMOM include:

- Organizational structure and positions (eg. organizational chart and position descriptions)
- Internal and external lines of communication responsibilities
- Person(s) responsible for reporting overflow events to the department and the public

- Legal Authority [NR 210.23 (4) (c)]

What is the legally binding document that regulates the use of your sewer system?

If you have a Sewer Use Ordinance or other similar document, when was it last reviewed and revised? (MM/DD/YYYY)

Does your sewer use ordinance or other legally binding document address the following:

- Private property inflow and infiltration
- New sewer and building sewer design, construction, installation, testing and inspection
- Rehabilitated sewer and lift station installation, testing and inspection
- Sewage flows satellite system and large private users are monitored and controlled, as necessary
- Fat, oil and grease control
- Enforcement procedures for sewer use non-compliance

- Operation and Maintenance [NR 210.23 (4) (d)]

Does your operation and maintenance program and equipment include the following:

- Equipment and replacement part inventories
- Up-to-date sewer system map
- A management system (computer database and/or file system) for collection system information for O&M activities, investigation and rehabilitation

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A description of routine operation and maintenance activities (see question 2 below)
 Capacity assessment program
 Basement back assessment and correction
 Regular O&M training
 Design and Performance Provisions [NR 210.23 (4) (e)]
 What standards and procedures are established for the design, construction, and inspection of the sewer collection system, including building sewers and interceptor sewers on private property?
 State Plumbing Code, DNR NR 110 Standards and/or local Municipal Code Requirements
 Construction, Inspection, and Testing
 Others:

Overflow Emergency Response Plan [NR 210.23 (4) (f)]
 Does your emergency response capability include:
 Responsible personnel communication procedures
 Response order, timing and clean-up
 Public notification protocols
 Training
 Emergency operation protocols and implementation procedures
 Annual Self-Auditing of your CMOM Program [NR 210.23 (5)]
 Special Studies Last Year (check only those that apply):
 Infiltration/Inflow (I/I) Analysis
 Sewer System Evaluation Survey (SSES)
 Sewer Evaluation and Capacity Management Plan (SECAP)
 Lift Station Evaluation Report
 Others:

0

2. Operation and Maintenance

2.1 Did your sanitary sewer collection system maintenance program include the following maintenance activities? Complete all that apply and indicate the amount maintained.

Cleaning	<input type="text" value="0.2"/>	% of system/year
Root removal	<input type="text" value="0"/>	% of system/year
Flow monitoring	<input type="text" value="0"/>	% of system/year
Smoke testing	<input type="text" value="0"/>	% of system/year
Sewer line televising	<input type="text" value="0.1"/>	% of system/year
Manhole inspections	<input type="text" value="16.0"/>	% of system/year
Lift station O&M	<input type="text" value="2"/>	# per L.S./year
Manhole rehabilitation	<input type="text" value="0.1"/>	% of manholes rehabbed
Mainline rehabilitation	<input type="text" value="0"/>	% of sewer lines rehabbed
Private sewer inspections	<input type="text" value="0.1"/>	% of system/year
Private sewer I/I removal	<input type="text" value="0.1"/>	% of private services

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River or water crossings % of pipe crossings evaluated or maintained

Please include additional comments about your sanitary sewer collection system below:

3. Performance Indicators

3.1 Provide the following collection system and flow information for the past year.

<input type="text" value="30.46"/>	Total actual amount of precipitation last year in inches
<input type="text" value="34.3"/>	Annual average precipitation (for your location)
<input type="text" value="46.25"/>	Miles of sanitary sewer
<input type="text" value="1"/>	Number of lift stations
<input type="text" value="0"/>	Number of lift station failures
<input type="text" value="0"/>	Number of sewer pipe failures
<input type="text" value="3"/>	Number of basement backup occurrences
<input type="text" value="3"/>	Number of complaints
<input type="text" value="1.11"/>	Average daily flow in MGD (if available)
<input type="text" value="2.05"/>	Peak monthly flow in MGD (if available)
<input type="text"/>	Peak hourly flow in MGD (if available)

3.2 Performance ratios for the past year:

<input type="text" value="0.00"/>	Lift station failures (failures/year)
<input type="text" value="0.00"/>	Sewer pipe failures (pipe failures/sewer mile/yr)
<input type="text" value="0.00"/>	Sanitary sewer overflows (number/sewer mile/yr)
<input type="text" value="0.06"/>	Basement backups (number/sewer mile)
<input type="text" value="0.06"/>	Complaints (number/sewer mile)
<input type="text" value="1.8"/>	Peaking factor ratio (Peak Monthly:Annual Daily Avg)
<input type="text" value="0.0"/>	Peaking factor ratio (Peak Hourly:Annual Daily Avg)

4. Overflows

LIST OF SANITARY SEWER (SSO) AND TREATMENT FACILITY (TFO) OVERFLOWS REPORTED **

Date	Location	Cause	Estimated Volume
None reported			

** If there were any SSOs or TFOs that are not listed above, please contact the DNR and stop work on this section until corrected.

5. Infiltration / Inflow (I/I)

5.1 Was infiltration/inflow (I/I) significant in your community last year?

- Yes
- No

If Yes, please describe:

Just in August do to heavy rain.

5.2 Has infiltration/inflow and resultant high flows affected performance or created problems in your collection system, lift stations, or treatment plant at any time in the past year?

- Yes
- No

If Yes, please describe:

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Had to pump treat sewage on the lawn.
5.3 Explain any infiltration/inflow (I/I) changes this year from previous years: None that I know of.
5.4 What is being done to address infiltration/inflow in your collection system? When we find them, we fix them.

Total Points Generated	
Score (100 - Total Points Generated)	
Section Grade	

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Jackson Wastewater Treatment Plant

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Grading Summary

WPDES No: 0021806

SECTIONS	LETTER GRADE	GRADE POINTS	WEIGHTING FACTORS	SECTION POINTS
Influent				
BOD/CBOD				
TSS				
Ammonia				
Phosphorus				
Biosolids				
Staffing/PM				
OpCert				
Financial				
Collection				
TOTALS			0	0
GRADE POINT AVERAGE (GPA) =				

Notes:

- A = Voluntary Range (Response Optional)
- B = Voluntary Range (Response Optional)
- C = Recommendation Range (Response Required)
- D = Action Range (Response Required)
- F = Action Range (Response Required)

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

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5/13/2026 2025

Resolution or Owner's Statement

Name of Governing
Body or Owner:

Date of Resolution or
Action Taken:

Resolution Number:

Date of Submittal:

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO SPECIFIC CMAR SECTIONS (Optional for grade A or B. Required for grade C, D, or F):

Influent Flow and Loadings: Grade =

Effluent Quality: BOD: Grade =

Effluent Quality: TSS: Grade =

Effluent Quality: Ammonia: Grade =

Effluent Quality: Phosphorus: Grade =

Biosolids Quality and Management: Grade =

Staffing: Grade =

Operator Certification: Grade =

Financial Management: Grade =

Collection Systems: Grade =

(Regardless of grade, response required for Collection Systems if SSOs were reported)

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO THE OVERALL GRADE POINT AVERAGE AND ANY GENERAL COMMENTS

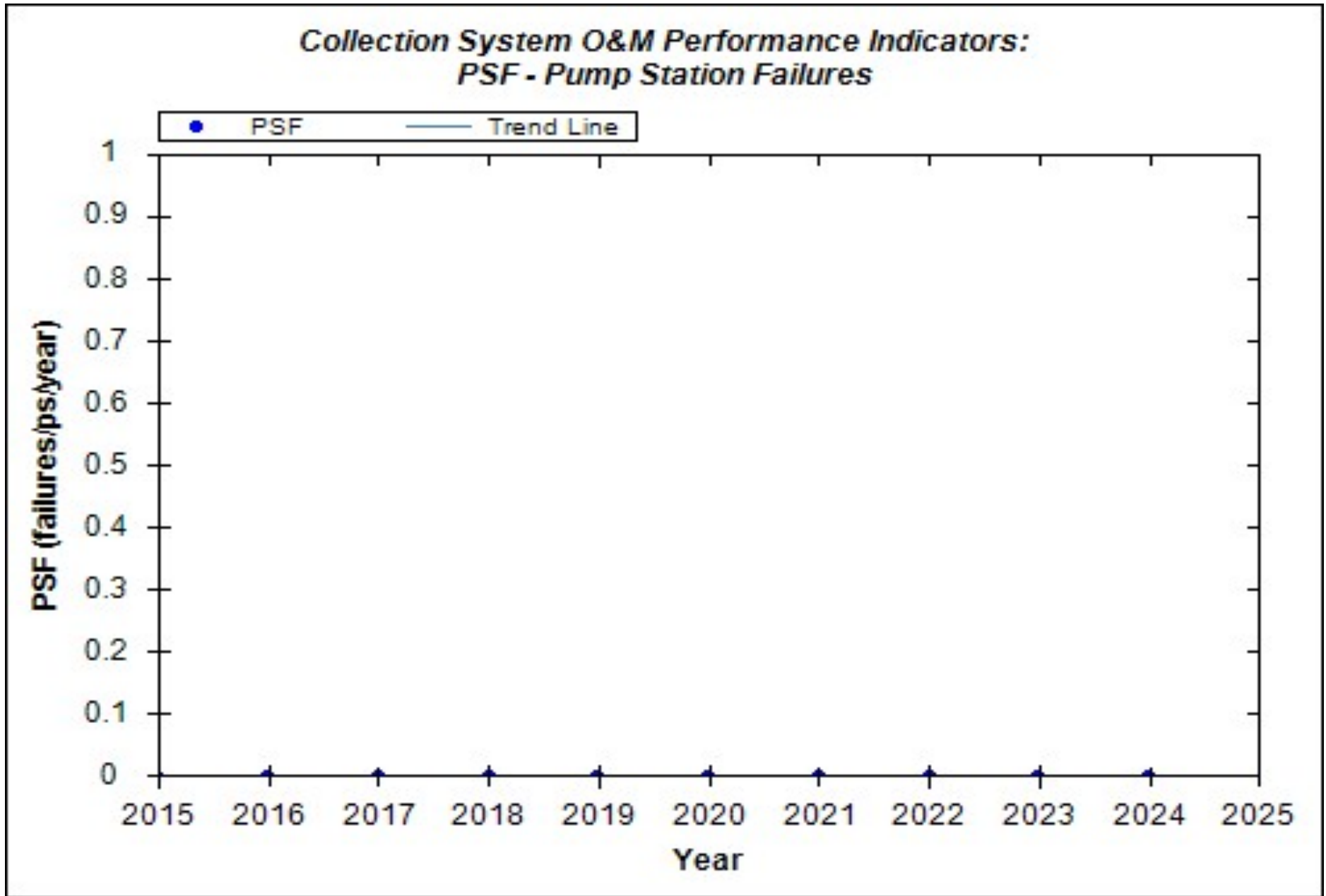
(Optional for G.P.A. greater than or equal to 3.00, required for G.P.A. less than 3.00)

G.P.A. =

Jackson Wastewater Treatment Plant

Linear equation uses 2015 - 2025 CMAR data

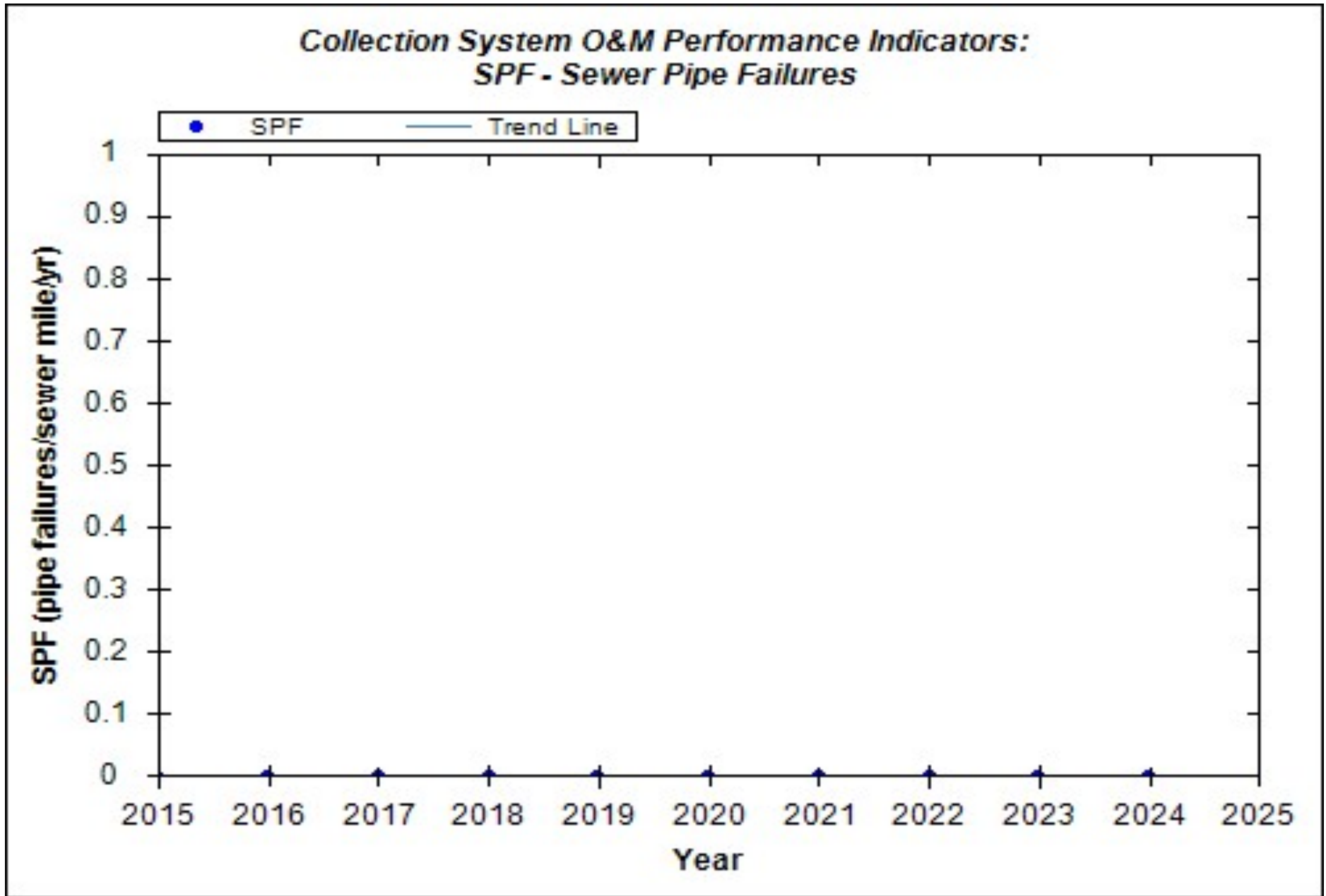
for Trend Line: PSF: $y = 0x + 0$



Jackson Wastewater Treatment Plant

Linear equation uses 2015 - 2025 CMAR data

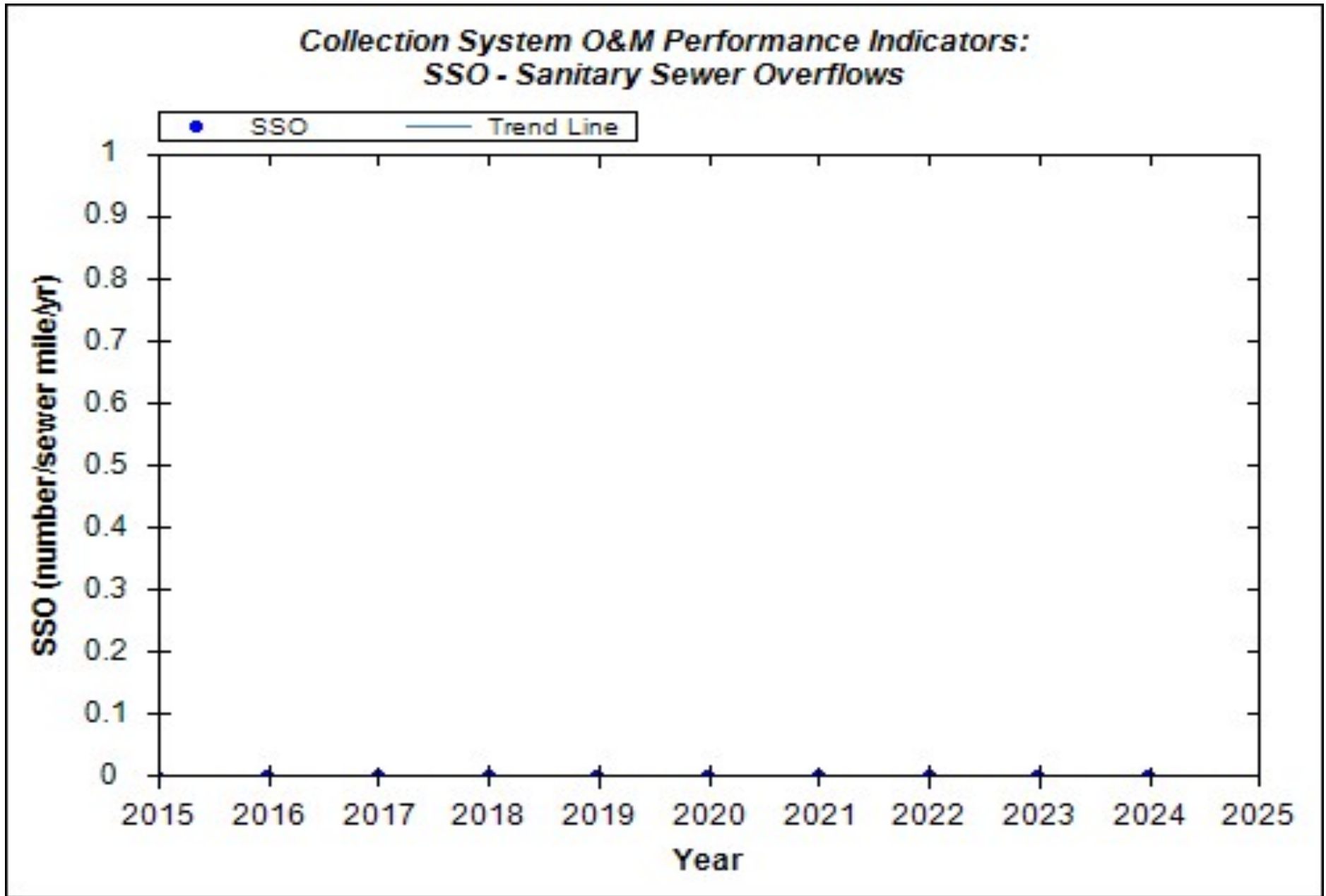
for Trend Line: SPF: $y = 0x + 0$



Jackson Wastewater Treatment Plant

Linear equation uses 2015 - 2025 CMAR data

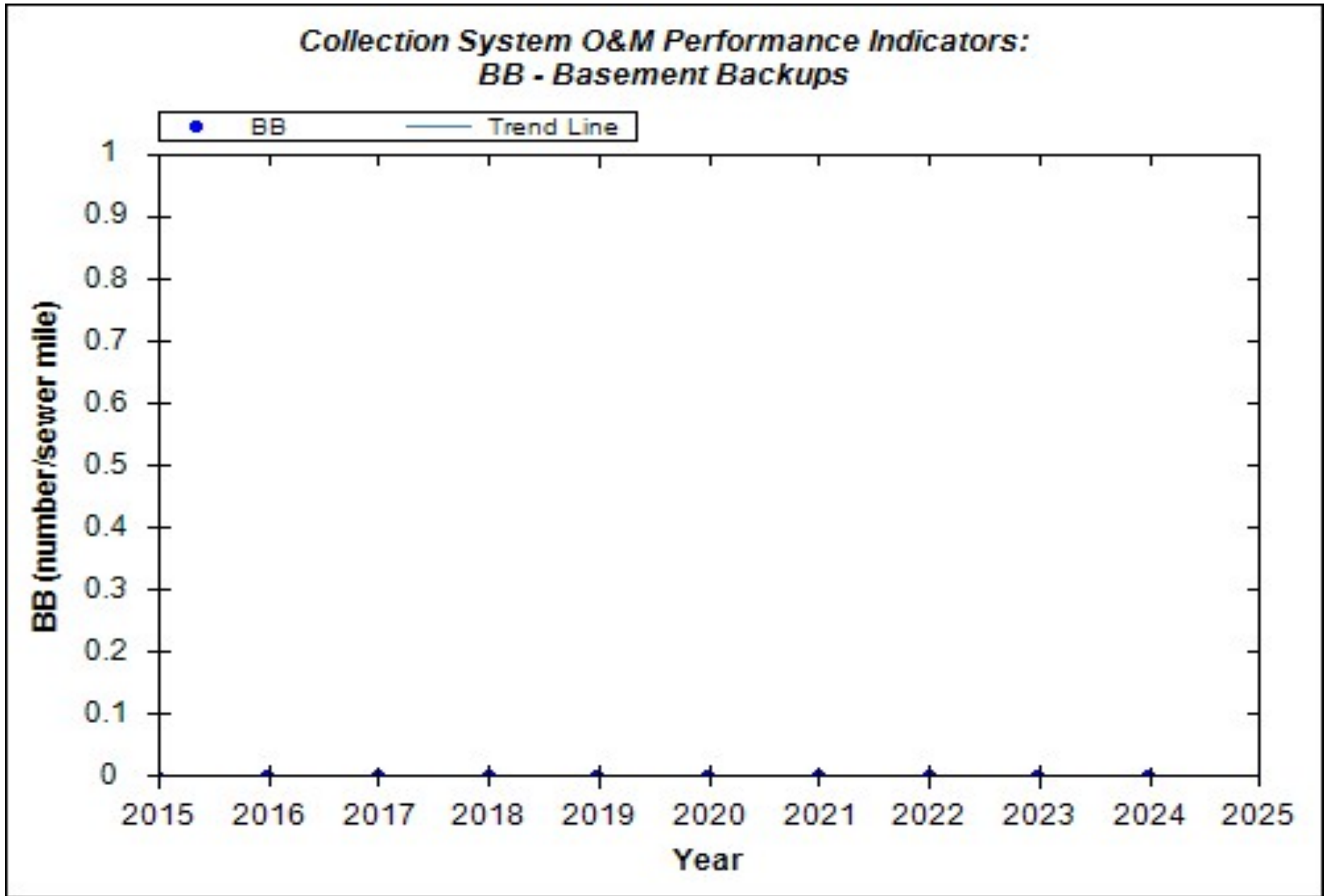
for Trend Line: SSO: $y = 0x + 0$



Jackson Wastewater Treatment Plant

Linear equation uses 2015 - 2025 CMAR data

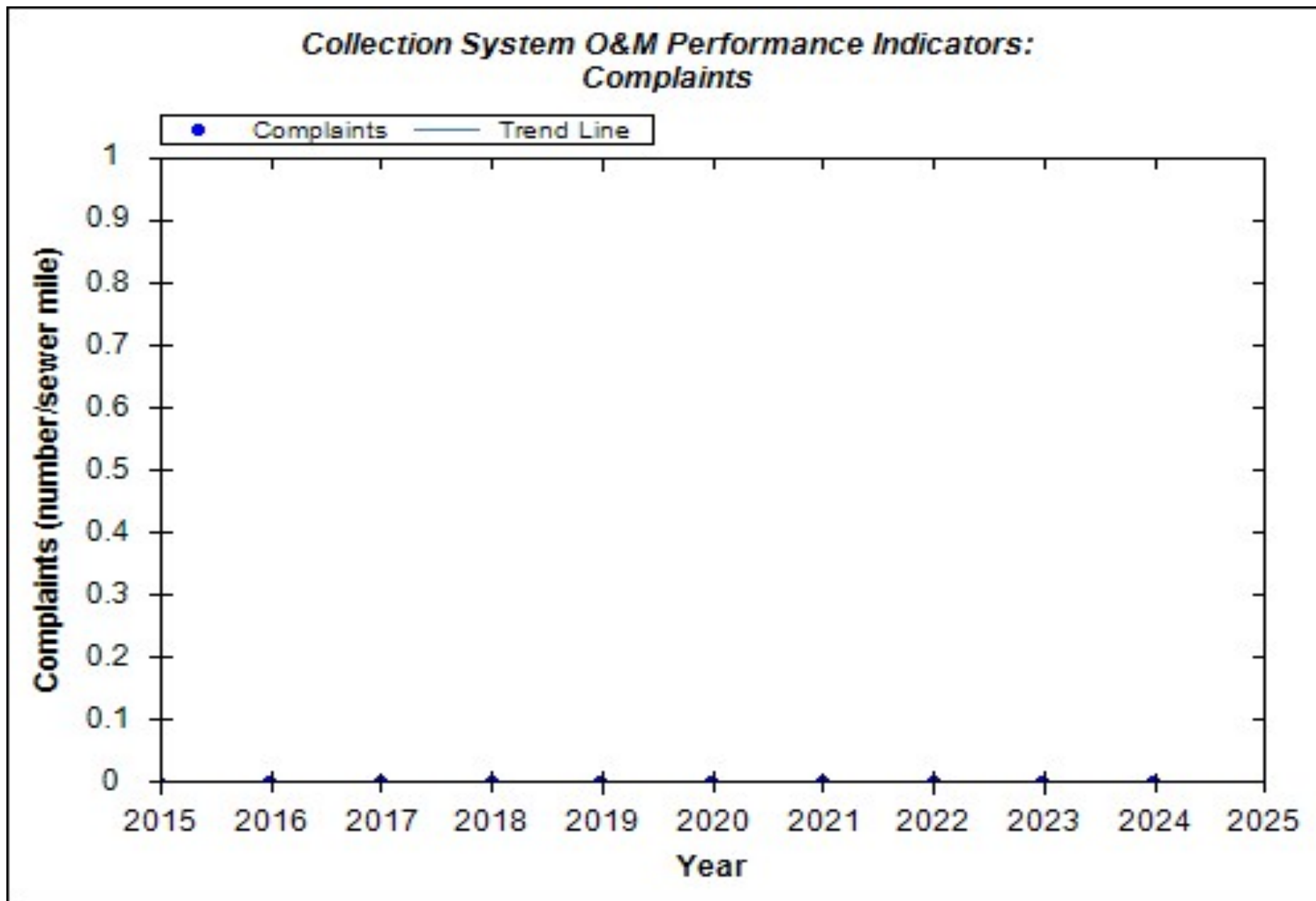
for Trend Line: BB: $y = 0x + 0$



Jackson Wastewater Treatment Plant

Linear equation uses 2015 - 2025 CMAR data

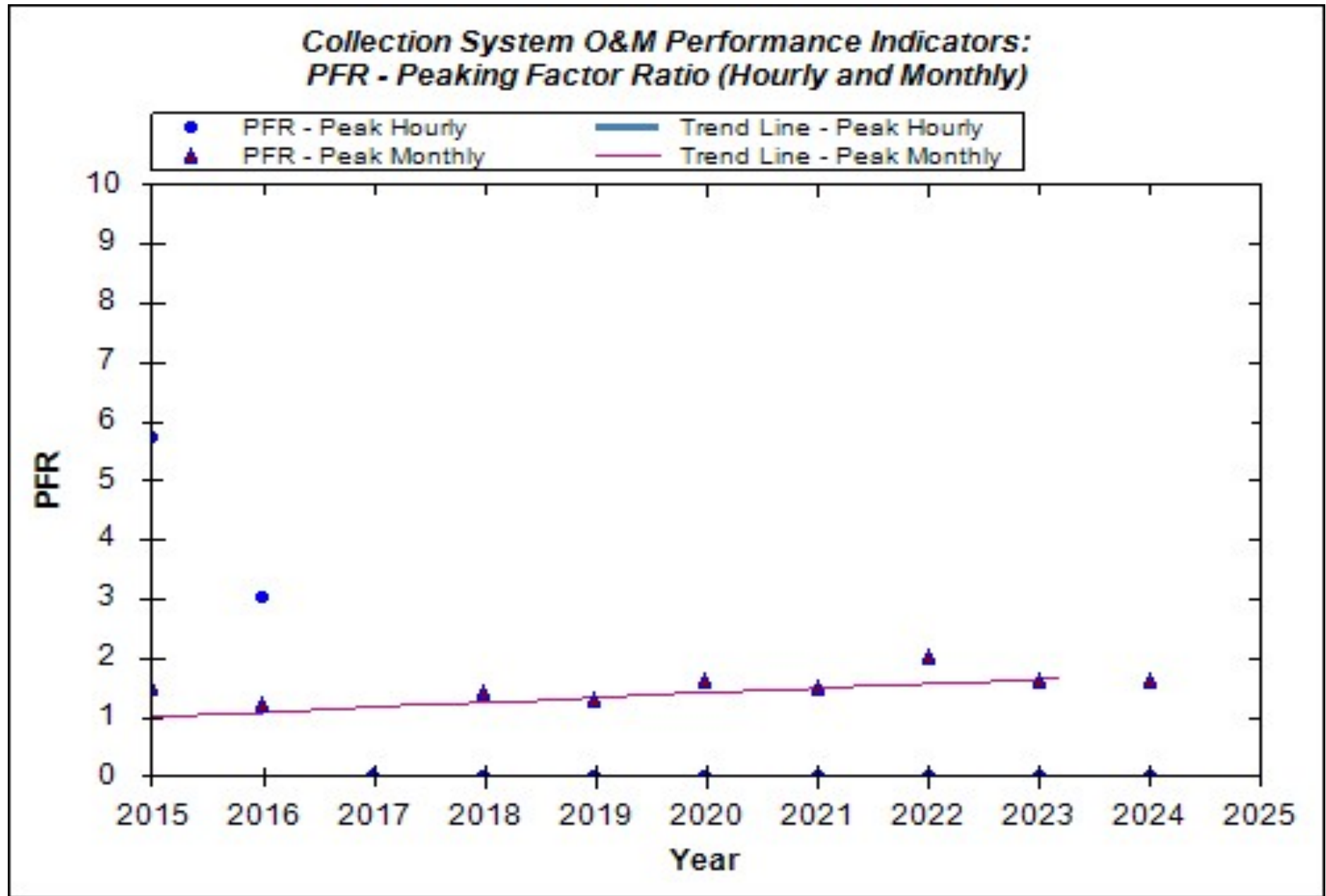
for Trend Line: Complaints: $y = 0x + 0$



Jackson Wastewater Treatment Plant

Linear equations use 2015 - 2025 CMAR data

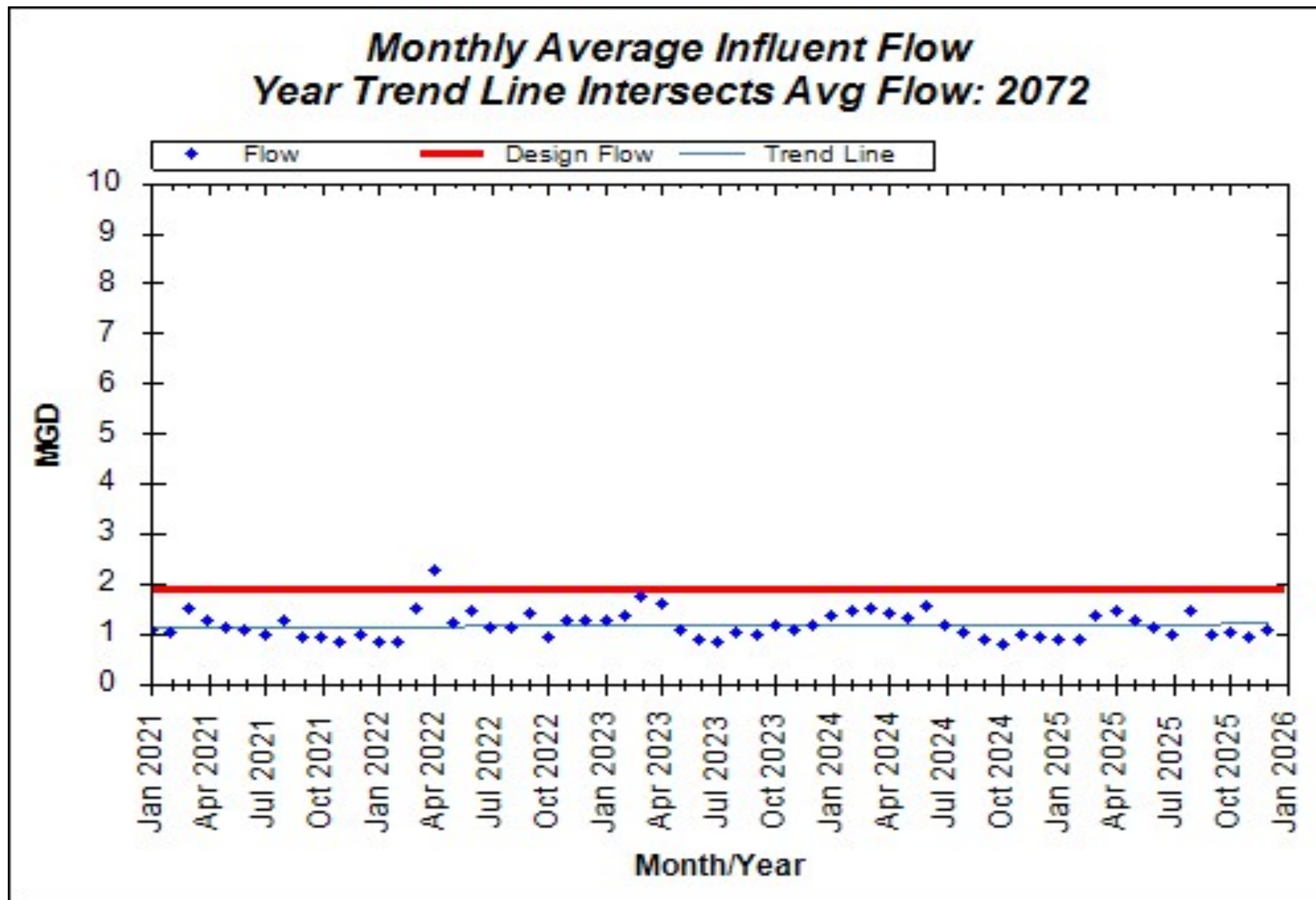
for Trend Lines: PFR - Peak Hourly: $y = -0.001078x + 47.99$ PFR - Peak Monthly: $y = 0.000220x - 8.22$



Jackson Wastewater Treatment Plant

Linear equation uses 2004 - 2025 CMAR data

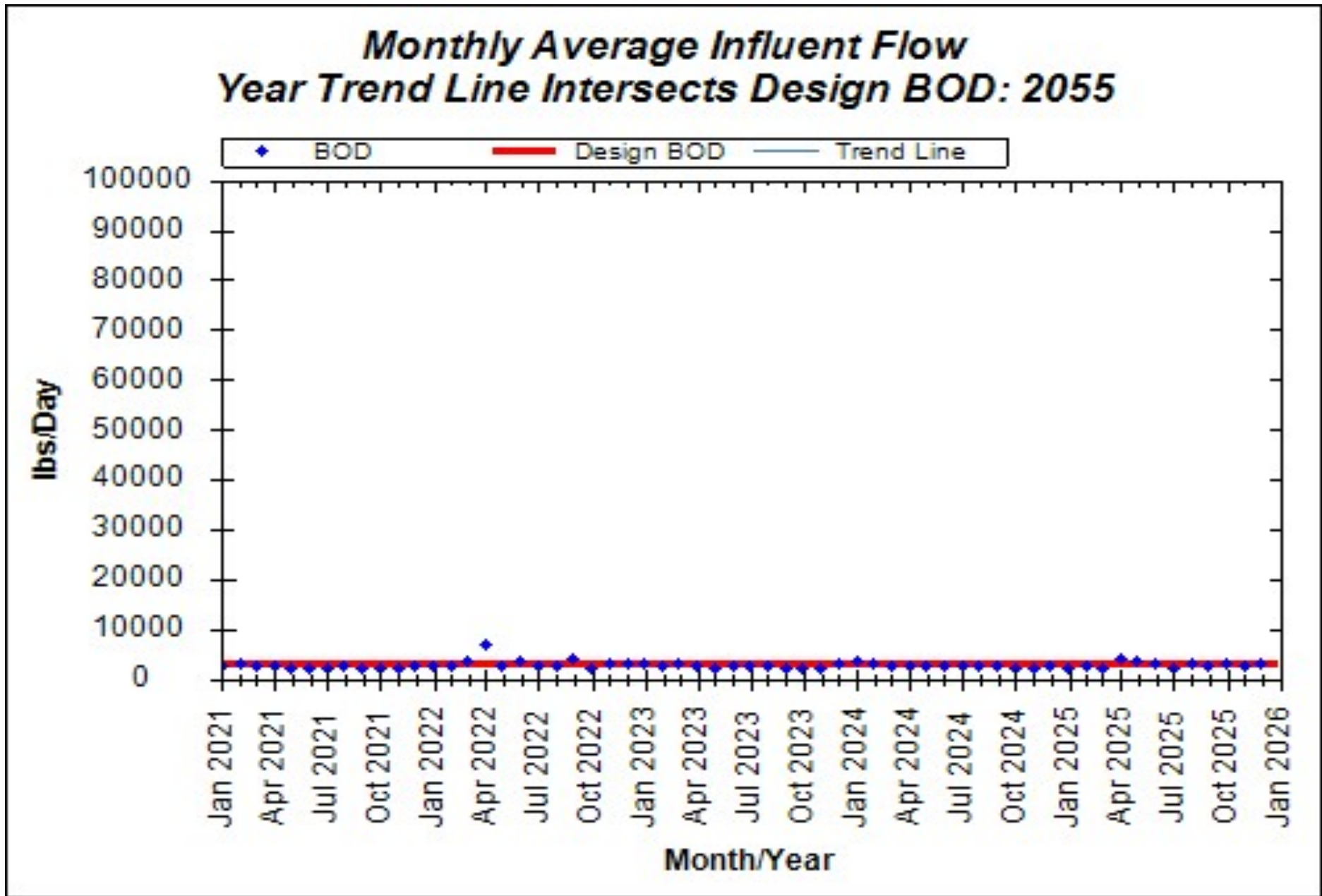
for Trend Line: $y = 0.000039x - 0.58$



Jackson Wastewater Treatment Plant

Linear equation uses 2004 - 2025 CMAR data

for Trend Line: $y = 0.041434 x + 619.45$





STAFF MEMO

Village of Jackson Public Works

To: Brian Heckendorf, Village President
Jen Heidtke, Village Administrator

CC: Board of Public Works; Budget and Finance; Village Board

From: Jack Straehler, Director of Public Works

Subject: Letter of Credit Reduction – Maple Fields Subdivision Phase 3 – Neumann Development Inc. in the amount of \$707,841.10

Meeting Date: May 26, 2026 – Board of Public Works

Background and Analysis:

The Village of Jackson has received and reviewed the Letter of Credit reduction request in the amount of \$707,841.10, as submitted by Neumann Development Inc., dated April 20, 2026, for the Maple Fields Subdivision Phase 3 subdivision.

This reduction corresponds to the completion and installation of public improvements within Phase 3.

Approval of this request will result in a \$506,402.21 balance for the Phase 3 letter of credit, for the remaining public improvements which will need to be completed and verified.

Let me know if you have any questions.

JS

Recommendation:

Board of Public Works recommends the Budget and Finance Committee and Village Board approve the Letter of Credit reduction for Maple Fields Subdivision Phase 3 in the amount of \$707,841.10.



April 20, 2026

Village of Jackson
Jack Straehler, DPW
N168 W19851 Main Street
Jackson, WI 53037

**Re: Request for Letter of Credit Reduction #1
Maple Fields Subdivision – Phase 3**

Mr. Straehler:

Neumann Developments, Inc. is hereby submitting this request, on behalf of Maple Fields, LLC, for a reduction in the Letter of Credit as issued Midland States Bank for the Maple Fields subdivision Phase 3 in accordance with the Development Agreement. The basis of this reduction is the completion of site utilities, with the exception of the sump lateral system which shall be installed following the curbs & roadway binder.

We are requesting a reduction in the LOC for work completed as follows:

Original LOC Amount	\$1,214,243.31
Current Reduction Request	<u>(\$707,841.10)</u>
Proposed New LOC	\$506,402.21

This reduction is being requested in accordance with the work as completed on the project thru April 01, 2026. Please find the attached recap sheet outlining the amounts being requested above. The remaining amount is for sump laterals, roadway construction, asphalt, sidewalks, street trees and street lighting.

If any additional information is required please feel free to contact me. Please forward a written authorization for the reduction to the Letter of Credit and I will coordinate with the lender as appropriate.

Sincerely,

Neumann Developments

Kevin Anderson
Project Manager



Public Improvements Letter of Credit

	Public Works			
	Original \$	Prior Completed	Current Completed	Balance
Sanitary Sewer				
8" PVC SDR-35 Sanitary Sewer Main (Granular Backfill)	135,516.00		\$ 135,516.00	\$ -
6" PVC SDR-35 Sanitary Lateral	141,568.00		\$ 141,568.00	\$ -
48" Dia. Sanitary Manhole	28,200.00		\$ 28,200.00	\$ -
Connection to Existing Sanitary Sewer	1,000.00		\$ 1,000.00	\$ -
Sub-Total:	306,284.00	0.00	306,284.00	0.00
Water Main				
8" PVC C-900 Class 235 Water Main (Granular Backfill)	110,880.00		\$ 110,880.00	\$ -
8" Gate Valve w/ Valve Box	6,000.00		\$ 6,000.00	\$ -
Hydrant Assembly w/ 6" Valve	13,000.00		\$ 13,000.00	\$ -
1 1/2" Poly Water Service Line & Curb Stops	72,940.00		\$ 72,940.00	\$ -
Connect to Existing Water	1,500.00		\$ 1,500.00	\$ -
Sub-Total:	204,320.00	0.00	204,320.00	0.00
Storm Sewer				
12" RCP Storm Sewer	18,744.00		\$ 18,744.00	\$ -
15" RCP Storm Sewer	17,640.00		\$ 17,640.00	\$ -
18" RCP Storm Sewer	1,425.00		\$ 1,425.00	\$ -
24" RCP Storm Sewer	25,201.00		\$ 25,201.00	\$ -
6" Sump Collector	19,475.00			\$ 19,475.00
6" PVC (sump laterals)	16,550.00			\$ 16,550.00
Sump Clean Out	20,400.00			\$ 20,400.00
2x3 Precast Inlets w/Frame & Grate	20,800.00		\$ 20,800.00	\$ -
48" Dia. Precast Manhole (w/ sump)	19,600.00		\$ 19,600.00	\$ -
24" Pipe End Section	1,500.00		\$ 1,500.00	\$ -
Sub-Total:	161,335.00	0.00	104,910.00	56,425.00
Curb, Gutter, Roadways, Lighting, Street Trees				
9" Crushed Limestone Traffic Bond Base Course	54,079.50			\$ 54,079.50
30" Vertical Face Curb	58,776.75			\$ 58,776.75
Bituminous Asphalt Pvm. (Binder Course)	54,810.00			\$ 54,810.00
Base Stone & Concrete Sidewalk 5"	85,030.00			\$ 85,030.00
Milling, Paving Rings & Interim Inlets	27,511.00			\$ 27,511.00
Bituminous Asphalt Pvm. (Surface Course)	43,717.50			\$ 43,717.50
Street Lights - by the City of Jackson (paid by NDI)	20,000.00			\$ 20,000.00
Street Trees (all phases of project)	40,000.00			\$ 40,000.00
Sub-Total:	\$ 383,924.75	\$ -	\$ -	\$ 383,924.75
Public Improvement Costs:	\$ 1,055,863.75	\$ -	\$ 615,514.00	\$ 440,349.75
15% Mark-up	\$ 158,379.56	\$ -	\$ 92,327.10	\$ 66,052.46
Total LOC Amount	\$ 1,214,243.31	\$ -	\$ 707,841.10	\$ 506,402.21



STAFF MEMO

Village of Jackson Public Works

To: Brian Heckendorf, Village President
Jen Heidtke, Village Administrator

CC: Board of Public Works; Budget and Finance; Village Board

From: Jack Straehler, Director of Public Works

Subject: Proposal Review - Fiber to Public Parks, Municipal Wells, and Municipal Lift Station - Midwest Fiber Network in the Amount of \$133,850.00

Meeting Date: May 26, 2026 – Board of Public Works

Background and Analysis:

This memo is to inform the Board of a proposal received from Midwest Fiber Network to install fiber connections to two Village parks, three municipal wells, and the sanitary sewer lift station.

During the 2026 budgeting process, the Board allocated and approved funding for this project. The proposal from Midwest Fiber Network totals \$133,850.00, with the costs allocated as follows:

- Water Utility Fund: \$63,750.00
- Sewer Fund: \$16,680.00
- Capital Projects Fund: \$53,420.00

The amounts budgeted for the project were:

- Water Utility Fund: \$170,000.00
- Sewer Fund: \$35,000.00
- Capital Projects Fund: \$120,000.00

The proposal is within the amounts budgeted for the project. It is my recommendation that the Village move forward with the proposal from Midwest Fiber Network for the installation of fiber infrastructure at the identified facilities.

Let me know if you have any questions.

JS

Recommendation:

Board of Public Works recommends Budget and Finance Committee and Village Board approve the proposal from Midwest Fiber Network in the amount of \$133,850.00.

QUOTE



Prepared by:
 Midwest Fiber Networks
 6070 N Flint Road
 Glendale, WI 53209
 Phone: 414-459-3556
 rsteadman@midwestfibernetworks.com

Quote: Village of Jackson - Dark Fiber

Date: 05/11/2026

To: Village of Jackson
 Jack B. Straehler II
 Director of Public Works
 W194 N16660 Eagle Drive
 Jackson, WI 53037
 Office: 262-677-0707 Cell: 262-305-5012
 Email: jack.straehler@villageofjacksonwi.gov

Term	Product	Price/ One Time Cost
	Dark Fiber - 6 sites - 2 strands per site	
240 months	N165 W20290 Hickory Lane =	\$21,300.00
240 months	2495 Sherman Rd =	\$16,680.00
240 months	W208 N16898 N. Center Street =	\$42,230.00
240 months	W223 N16450 Cedar Parkway =	\$35,535.00
240 months	N173 W21905 Northwest Passage	\$28,215.00
240 months	W204 N16901 Jackson Drive	\$32,120.00
	Total One Time Cost	\$133,850.00
	Payment Schedule for One Time Costs:	
	20% - Contract Execution	
	30% - Construction Phase	
	50% - Testing & Completion Turn Over	

**MWFN estimated delivery date from contract signing is 90 - 120 +/- days. Depending on permitting.
 FCC & WI PSC tax is additional & added to monthly invoice
 Locating Facilities on Private Property - Responsibility of the Customer
 MWFN shall extend the fiber from the penetration of the external wall to within 50 feet inside of the building.
 Any demarcation extension beyond 50 feet shall be the responsibility of the Customer.
 Cross-Connect fees not included if connecting to an MWFN POP - Responsibility of customer
 Engineering Study Deposit - Non-Refundable - Confirms Route and final cost to project**

This Quote Summary is confidential and may not be disclosed to third parties. It is non-binding unless and until the terms and conditions stated herein are incorporated into a signed order which is thereafter accepted by Midwest Fiber Networks, LLC. This quote will then be replaced by a formal agreement once negotiations are completed.

Authorized Signature

Date



STAFF MEMO

Village of Jackson Public Works

To: Brian Heckendorf, Village President
Jen Heidtke, Village Administrator

CC: Board of Public Works; Budget and Finance; Village Board

From: Jack Straehler, Director of Public Works

Subject: Proposal Review - Jackson Park Security Cameras - Pros4 Technology in the Amount of \$19,341.28

Meeting Date: May 26, 2026 – Board of Public Works

Background and Analysis:

This memo is to inform the Board of a proposal received from Pros4 Technology for the installation of security cameras at Jackson Park.

During the 2026 budgeting process, the Board allocated and approved funding in the amount of \$75,000.00 for this project. The proposal submitted by Pros4 Technology totals \$19,341.28 and includes all necessary parts and labor for the installation of the security camera system.

In addition, a proposal was received from Midwest Fiber Network in the amount of \$32,120.00 for the fiber infrastructure improvements necessary to support the project. The total cost to upfit Jackson Park with fiber and security cameras is \$51,461.28.

The combined proposals are within the amount budgeted for the project. Therefore, it is my recommendation that the Village move forward with the proposal from Pros4 Technology for the installation of security cameras at Jackson Park.

Let me know if you have any questions.

JS

Recommendation:

Board of Public Works recommends the Budget and Finance Committee and Village Board approve the proposal from Pros4 Technology in the amount of \$19,341.28.



We have prepared a quote for you

VOJ Jackson Park Cameras

Quote # 001029
Version 1



Prepared for:

Village of Jackson Public Works

Jack Straehler
jack.straehler@villageofjacksonwi.gov

Prepared by:

Pros 4 Technology

David Becker
david.becker@pros4tech.com

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NDA Compliance Statement

What is NDA Section 889?

Section 889 of the 2019 National Defense Authorization Act prohibits the federal government, government contractors, and grant and loan recipients from procuring or using certain “covered telecommunication equipment or services” that are produced by Huawei, ZTE, Hytera, Hikvision, and Dahua and their subsidiaries as a “substantial or essential component of any system, or as critical technology as part of any system.”

Specifically, Sec. 889 has two specific phases of prohibition:

Sec. 889(a)(1)(A) required the federal government, as of August 13, 2019, to not “procure or obtain or extend or renew a contract to procure or obtain any equipment, system, or service that uses covered telecommunication equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.”

Sec. 889(a)(1)(B), which went into effect on August 13, 2020, prohibits the federal government from entering into or extending or renewing contracts with any entity that “uses any equipment, system, or service that uses covered telecommunication equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.”

What does this mean?










Per Section 889, any federal government, government contractors, or agency or organization who receives federal grant or loan money is required to follow NDA compliance. This means cameras and telecommunications devices that are produced by Huawei, ZTE, Hytera, Hikvision, and Dahua and their subsidiaries are not allowed to be used.

Pros 4 Technology and the NDA

Pros 4 Technology understands the importance of cybersecurity which is why we provide cameras and systems that are fully NDA compliant. All camera listed on this estimate fall under NDA and TAA compliance.



Products

Description		Price	Qty	Ext. Price
Alibi Vigilant 8MP 98 Feet Varifocal IllumiNite-IR Starlight+ IntelliSearch Vandal IP Turret Camera <ul style="list-style-type: none"> • 8MP high-resolution 3840 x 2160 @ 30fps • 2.8-12mm @ F1.2 • 111.5 to 54.1 degrees horizontal FOV to capture large areas • Smart IR up to 98 feet nighttime viewing • Color Attribute Collection • IntelliSearch Color Match Technology • Starlight+ technology - Color: 0.0005 Lux, 0 Lux with IR • 130dB True Wide Dynamic Range (WDR) • Supports red & blue warning lights for Active Deterrence • Built-in mic and speaker • Audio I/O 1 in 1 out; Alarm 1 in/1 out • Micro SD, up to 512 GB • Supports Ultra 265, H.265, H.264, and MJPEG • ANR, NAS(NFS) Network Storage • IP67 weather-resistant rating • IK10 vandal resistant 		\$623.49	12	\$7,481.88
Alibi Vigilant Junction box for Metal Turret Camera		\$18.26	12	\$219.12
MikroTik CSS610-8P-2S+IN 8-Port Gigabit PoE+ Managed Network Switch		\$332.05	3	\$996.15
The SXTsq 5 ac is a compact and lightweight outdoor 5Ghz 802.11ac wireless device with an integrated antenna, perfect for point-to-point links or as a CPE unit. The device includes one 10/100/1000 Mbit Ethernet port to fully utilize speeds that 802.11ac p		\$80.00	8	\$640.00
Zyxel GS1900-10HP 8-port PoE+ with [2] Gigabit SFP slots		\$219.00	2	\$438.00
Steel Wall Box 6 x 16 x 12in Pebble Gray Bracket Mount IP66		\$115.00	3	\$345.00
1U Rack Shelf		\$49.00	2	\$98.00
Digital Watchdog Spectrum IPVMS - License - 10 IP Camera		\$1,088.85	1	\$1,088.85
Digital Watchdog Spectrum IPVMS - License - 1 IP Camera		\$108.89	2	\$217.78

Products

Description	Price	Qty	Ext. Price
Wire and Supplies	\$1,536.50	1	\$1,536.50
Subtotal:			\$13,061.28

Services

Description	Price	Qty	Ext. Price
Wiring & Install Labor	\$4,280.00	1	\$4,280.00
Programming and Setup Labor	\$2,000.00	1	\$2,000.00
Subtotal:			\$6,280.00



VOJ Jackson Park Cameras

Quote Information:

Quote #: 001029

Version: 1
 Delivery Date: 05/13/2026
 Expiration Date: 05/27/2026

Prepared for:

Village of Jackson Public Works
 W194N16660 Eagle Drive
 Jackson, WI 53037
 Jack Straehler
 (262) 677-9001
 jack.straehler@villageofjacksonwi.gov

Prepared by:



Pros 4 Technology
 David Becker
 920-400-1279
 david.becker@pros4tech.com

Quote Summary

Description	Amount
Products	\$13,061.28
Services	\$6,280.00
Total:	\$19,341.28

Sales Tax will be added when applicable, hardware will be billed before ordering, labor will be billed after completion, prices and specifications subject to change. Although we strive to be as accurate as possible, this estimate is an approximation and is not guaranteed. The estimate is based on information provided from the client regarding project requirements and what we could see during the initial walk through. Actual costs may change once the project starts due to unforeseen circumstances, any need for changes, or any changes requested by the client. Prior to any changes of cost, the client will be notified.

Pros 4 Technology

Village of Jackson Public Works

Signature:
 Name: David Becker
 Title: Director of Operations
 Date: 05/13/2026

Signature: _____
 Name: Jack Straehler
 Date: _____



IPVM Designer Calculation | May 13, 2026

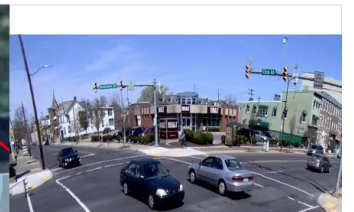
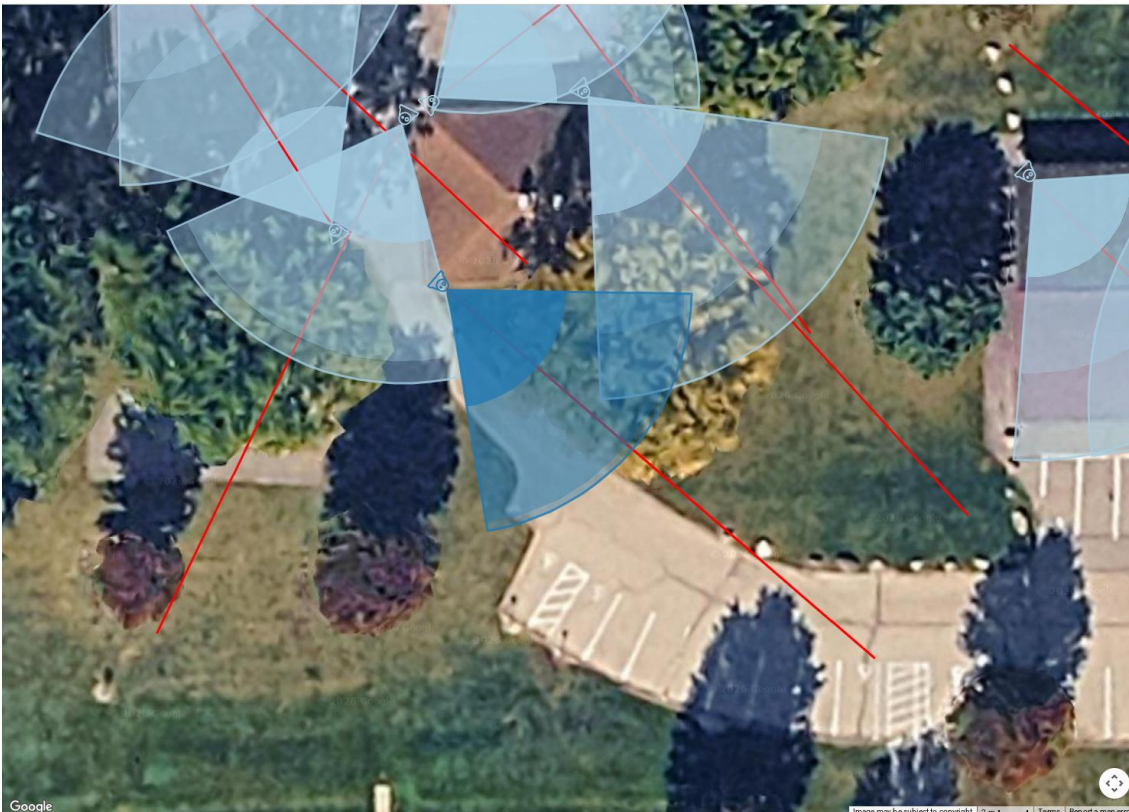
Overview



Camera 1



Model: Alibi ALI-XT81-UZAI Resolution: 4K
H AoV: 80° Distance: 57ft Width: 79.3ft PPF: 48.5
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



Day - Ideal

Dark With IR



48.5 ppf
57 ft
Away



Warning: results may vary depending on light and camera

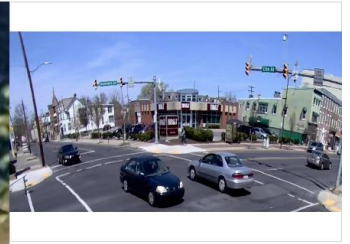
Google

Image may be subject to copyright | 2 m | Terms | Report a map error

Camera 2



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 80° Distance: 60ft Width: 84.0ft PPF: 45.7
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



Day - Ideal

Dark With IR



45.7 ppf
60 ft
Away

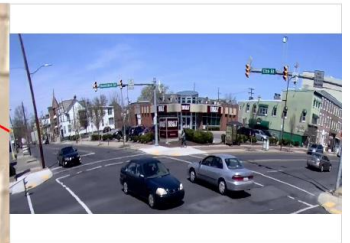


Warning: results may vary depending on light and camera

Camera 3



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 80° Distance: 61ft Width: 84.6ft PPF: 45.4
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



Day - Ideal

Dark With IR



45.4 ppf
61 ft
Away

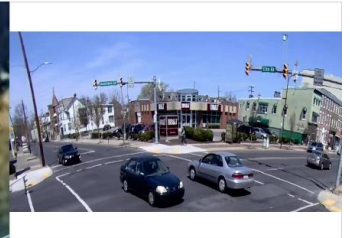
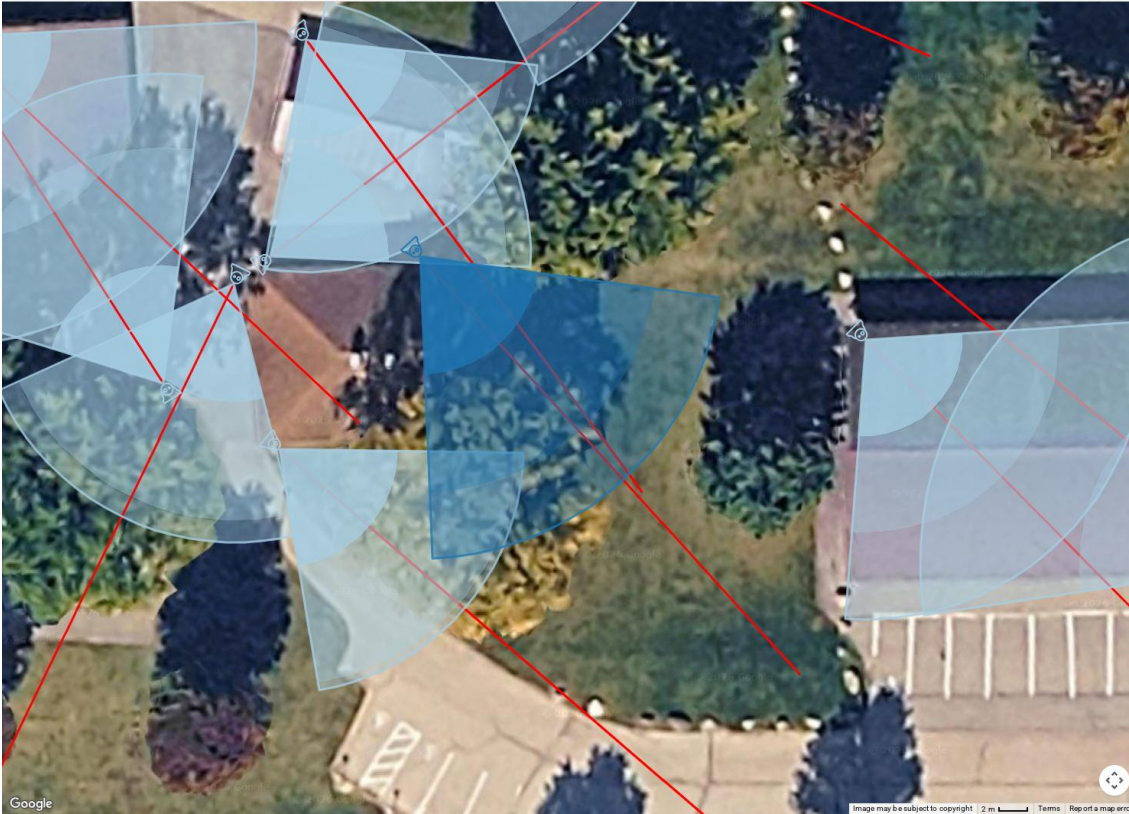


Warning: results may vary depending on light and camera

Camera 4



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 80° Distance: 70ft Width: 98.1ft PPF: 39.1
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



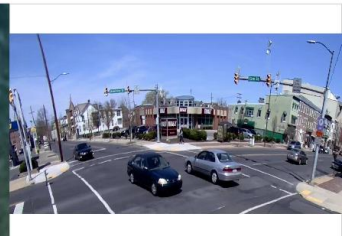
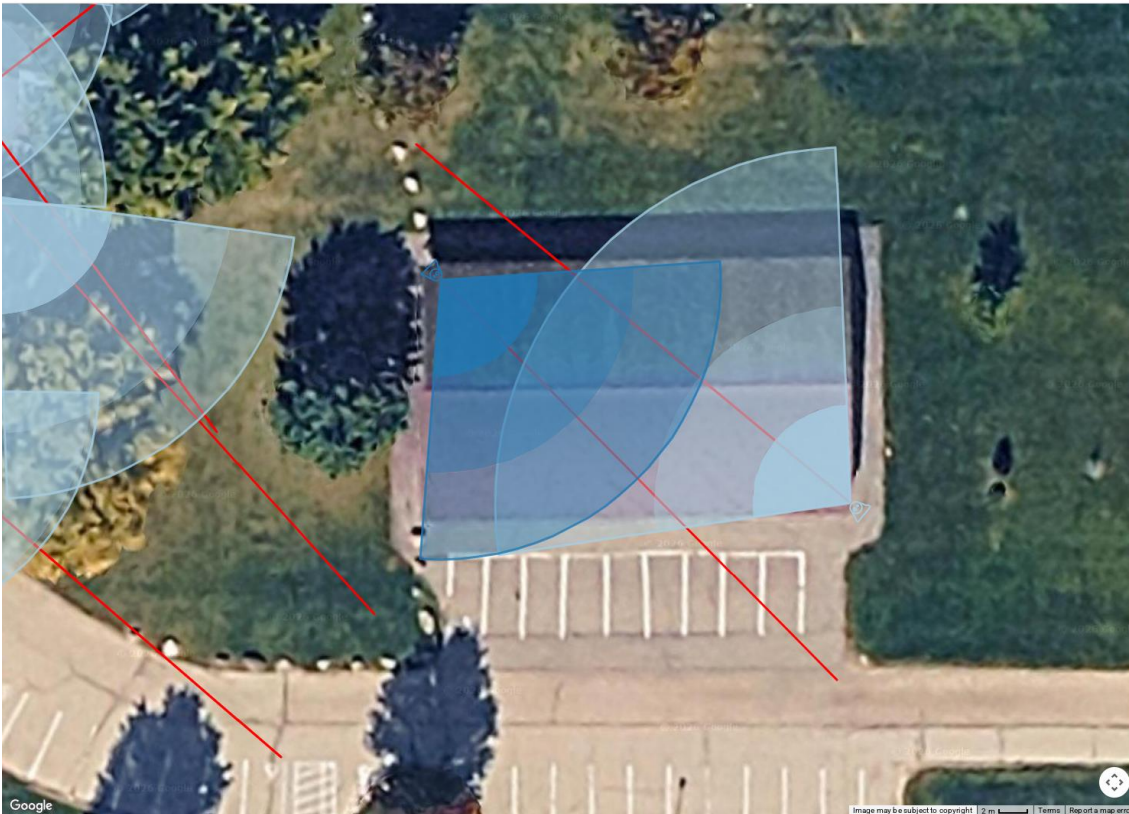
Day - Ideal Dark With IR

	39.1 ppf 70 ft Away	
	Warning: results may vary depending on light and camera	

Camera 5



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 98° Distance: 65ft Width: 111.4ft PPF: 34.5
Imager: 1/2.8" Focal Length: 2.81mm Camera Height: 10.00ft Tilt: -27.53° Scene Height: 10.00ft



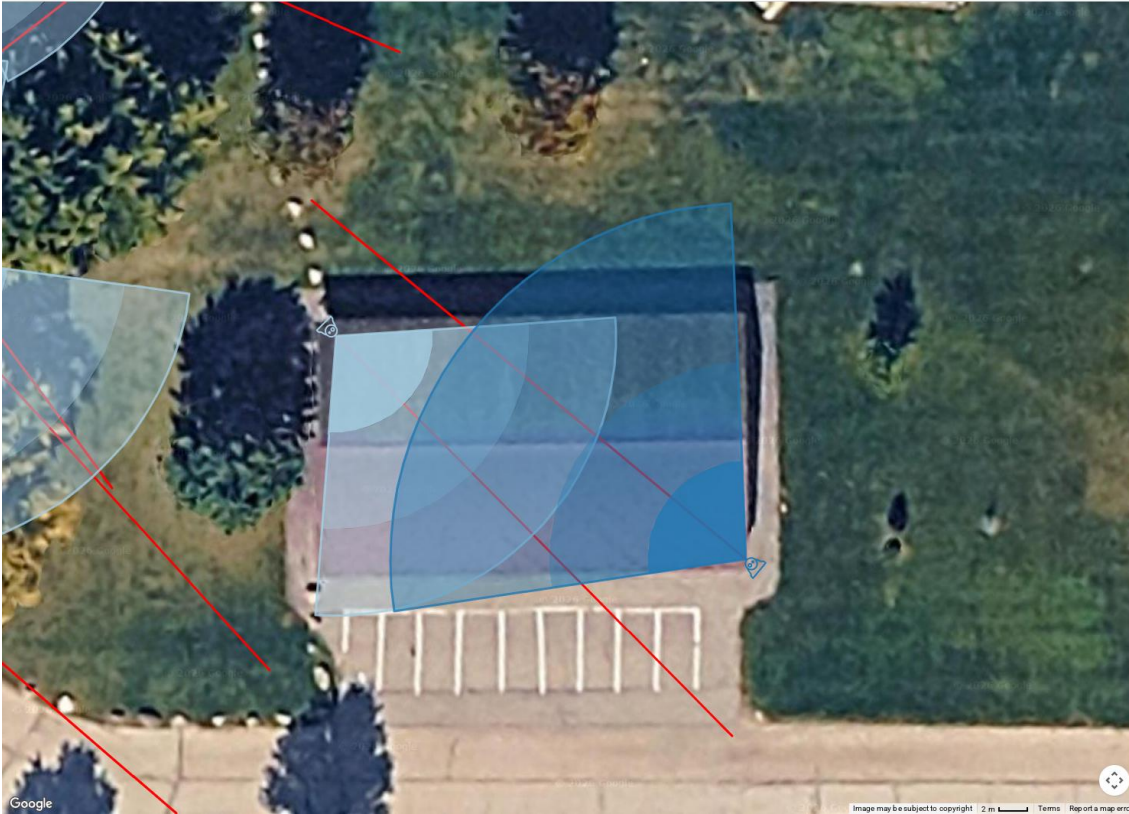
Day - Ideal Dark With IR

	34.5 ppf 65 ft Away	
	Warning: results may vary depending on light and camera	

Camera 6



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 96° Distance: 83ft Width: 138.9ft PPF: 27.6
Imager: 1/2.8" Focal Length: 2.91mm Camera Height: 10.00ft Tilt: -27.02° Scene Height: 10.00ft



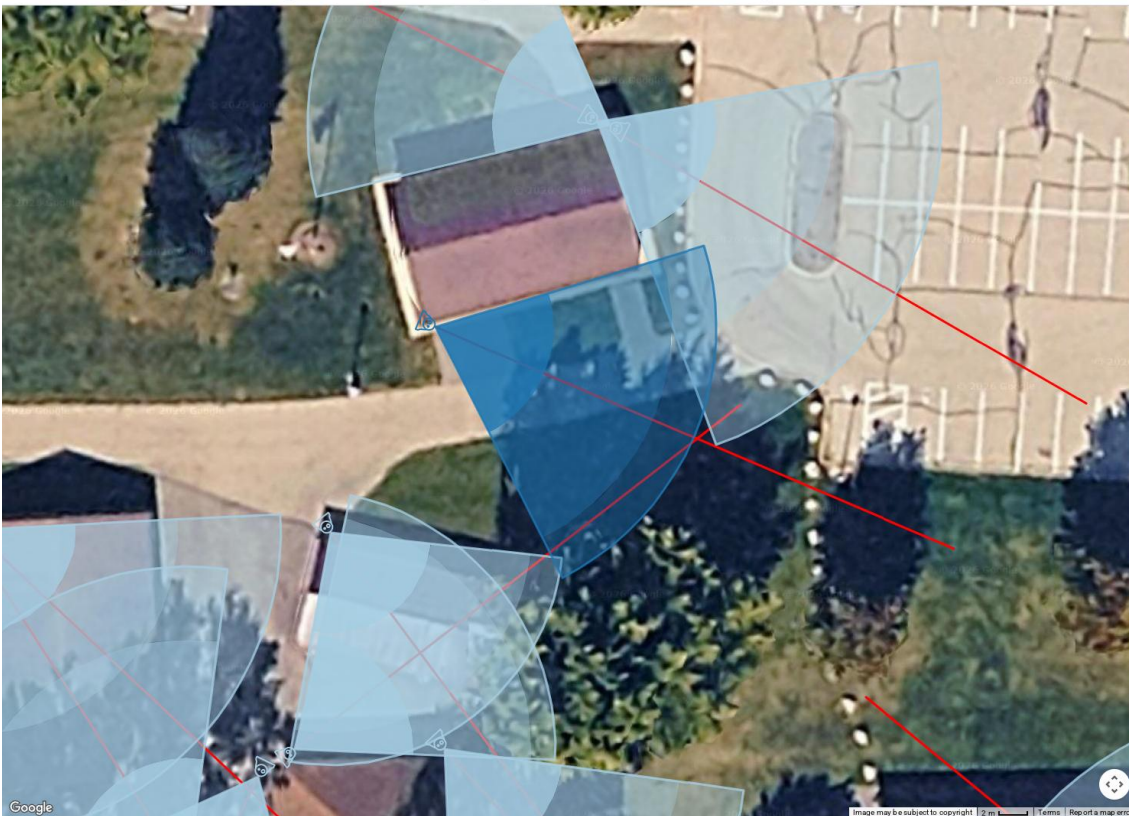
Day - Ideal Dark With IR

	27.6 ppf 83 ft Away	
<small>Warning: results may vary depending on light and camera</small>		

Camera 7



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 80° Distance: 65ft Width: 91.2ft PPF: 42.1
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



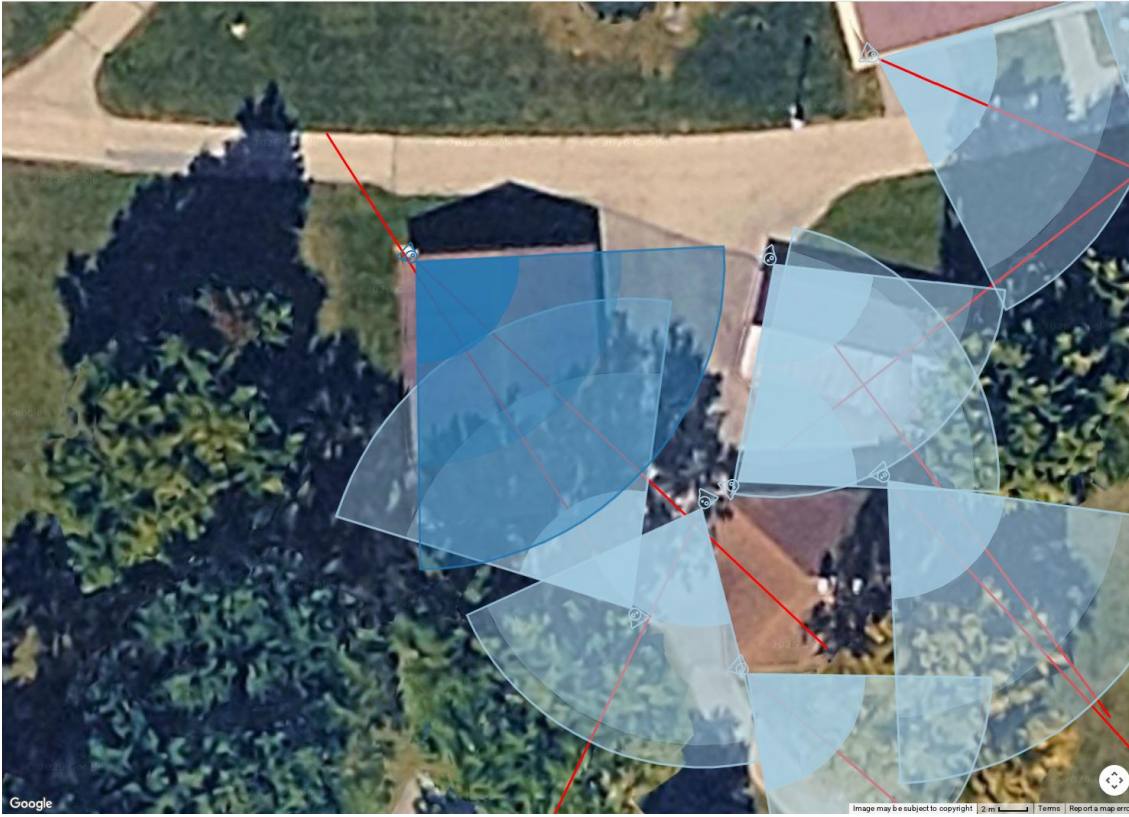
Day - Ideal Dark With IR

	42.1 ppf 65 ft Away	
<small>Warning: results may vary depending on light and camera</small>		

Camera 8



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 92° Distance: 72ft Width: 115.3ft PPF: 33.3
Imager: 1/2.8" Focal Length: 3.11mm Camera Height: 10.00ft Tilt: -25.90° Scene Height: 10.00ft



Day - Ideal

Dark With IR



33.3 ppf
72 ft
Away

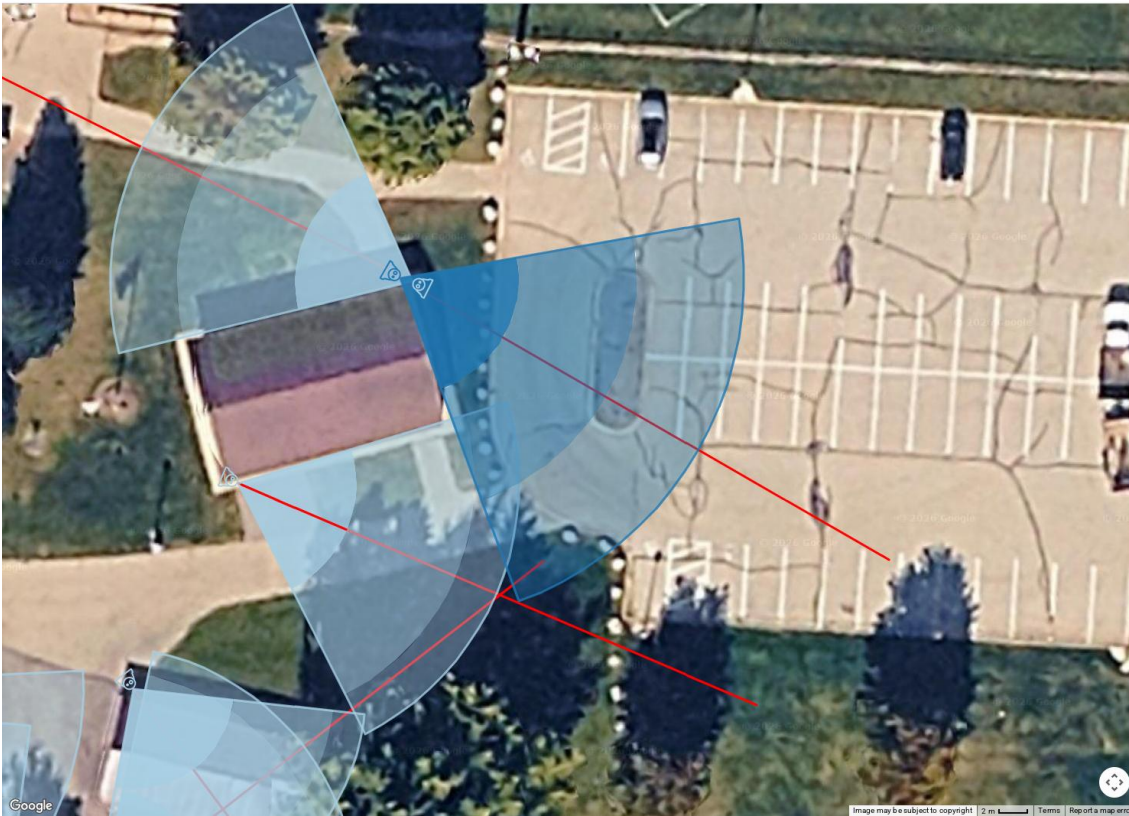


Warning: results may vary depending on light and camera

Camera 9



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 80° Distance: 80ft Width: 111.7ft PPF: 34.4
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



Day - Ideal

Dark With IR



34.4 ppf
80 ft
Away



Warning: results may vary depending on light and camera

Camera 10



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 94° Distance: 54ft Width: 89.0ft PPF: 43.1
Imager: 1/2.8" Focal Length: 3.00mm Camera Height: 10.00ft Tilt: -26.48° Scene Height: 10.00ft



Day - Ideal

Dark With IR



43.1 ppf
54 ft
Away

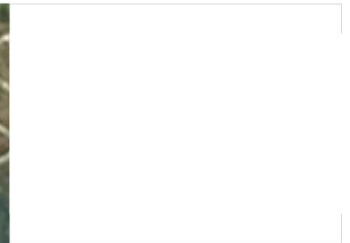


Warning: results may vary depending on light and camera

Camera 11



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 80° Distance: 71ft Width: 98.5ft PPF: 39.0
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



Day - Ideal

Dark With IR



39.0 ppf
71 ft
Away

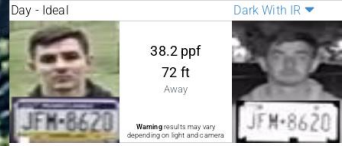


Warning: results may vary depending on light and camera

Camera 12



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 80° Distance: 72ft Width: 100.6ft PPF: 38.2
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



This presentation is an output of the IPVM Designer / Calculator but is the work product of the individual who created it. IPVM does not guarantee nor warranty the work therein nor its implementation. Issues that may impact actual performance include but are not limited to lighting conditions, lens quality, and compression level.



Meets federal government technical requirements

Alibi Vigilant 8MP 98 Feet IllumiNite-IR Starlight+ IntelliSearch Vandal IP Varifocal Turret Camera w/Built-in Mic and Speaker

Key Features:

- 8MP high-resolution 3840 x 2160 @ 30fps
- 2.8-12mm @ F1.2
- 111.5 to 54.1 degrees horizontal FOV to capture large areas
- Smart IR up to 98 feet nighttime viewing
- Color Attribute Collection
- IntelliSearch Color Match Technology
- Starlight+ technology - Color: 0.0005 Lux, 0 Lux with IR
- 130dB True Wide Dynamic Range (WDR)
- Supports red & blue warning lights for Active Deterrence
- Built-in mic and speaker
- Audio I/O 1 in 1 out; Alarm 1 in/1 out
- Micro SD, up to 512 GB
- Supports Ultra 265, H.265, H.264, and MJPEG
- ANR, NAS(NFS) Network Storage
- IP67 weather-resistant rating
- IK10 vandal resistant
- NDAA Compliant
- One-click Cloud firmware updating

Specifications

Camera	
Max Resolution	8 MP
Sensor	1/1.8" CMOS
Min. Illumination	Color: 0.0005 Lux (F1.0, AGC ON)
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
S/N	> 56 dB
WDR	130 dB

Lens	
Focal Length	2.8 to 12 mm
Iris Type	Fixed
Iris	F1.2
Field of View (H)	111.5° to 54.1°
Field of View (V)	60.2° to 30.6°
Field of View (D)	128.7° to 61.9°
Lens Type	Motorized
DORI	
DORI Distance (Lens)	2.8 to 12 mm
DORI Distance (Detect)	63.0 m to 270.0 m (206.7 ft. to 885.8 ft)
DORI Distance (Observe)	25.2 m to 108.0 m (82.7 ft. to 354.3 ft)
DORI Distance (Recognize)	12.6 m to 54.0 m (41.3 ft. to 177.2 ft)
DORI Distance (Identify)	6.3 m to 27.0 m (20.7 ft. to 88.6 ft)
Illuminator	
Supplemental Light	Dual light
Illumination Distance (IR)	30 m (98.4 ft)
Illumination Distance (Warm Light)	30 m (98.4 ft)
IR On/Off Control	Auto/Manual
Wavelength	850 nm
Light On/Off Control	Auto/Manual
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate-Main Stream	8 MP (3840 × 2160), max. 30 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps
Frame Rate-Sub Stream	1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps
Frame Rate-Third Stream	D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Triple streams
Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Smart Illumination	Support
Auto Scene Match (ASM)	Support
Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital defog

Intelligent	
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)
Statistical Analysis	N/A
People Counting	Support people flow counting and crowd density detection
Attribute Collection	SIP with color retrieval
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Client	Alibi Vigilant CMS, APP
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
Interface	
Audio I/O	1 Input: impedance 35 k Ω , amplitude 2 V [p-p], 1 Output: impedance 600 Ω , amplitude 2 V [p-p]
Alarm I/O	1/1
Serial Port	N/A
Built-in Mic	Built-in dual-mic
Built-in Speaker	Support
WIFI	N/A
Network	1 \times RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130-4)
	FCC (FCC 47 CFR part15 B)
Safety	CE-LVD (EN 62368-1)
	UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU ; (EU) 2015/863) ; WEEE (2012/19/EU)
Protection	IP67 (IEC 60529)
	IK10 (IEC 62262)
	NEMA 4X

General	
Power	DC 12 V±25%, PoE (IEEE 802.3af)
Power Consumption	Max. 7.0 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Ø128.7 mm × 110.3 mm (Ø5.1" × 4.3") (Ø × H)
Weight	0.99 kg (2.18 lb)
Material	Metal
Working Environment	-40 to 60C degrees (-40 to 140F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-40 to 60C degrees (-40 to 140F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
Web Client Language	20 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese

Accessories

ALI-JB03-H-IN-V2

Junction Box for Metal Turret Camera
(Support wiring from behind)



ALI-A01-IN

Waterproof Cable Gland



ALI-UP06-C-IN-V2

Pole Mounting Bracket for Bullet Junction Box Only



ALI-WM03-B-IN-V2

Wall Mounting Assembling Bracket for 3 Inch Hemisphere



ALI-JB07/WM03-F-IN-V2

Wall Mounting Assembling Bracket with Back Hole for 3 Inch Hemisphere

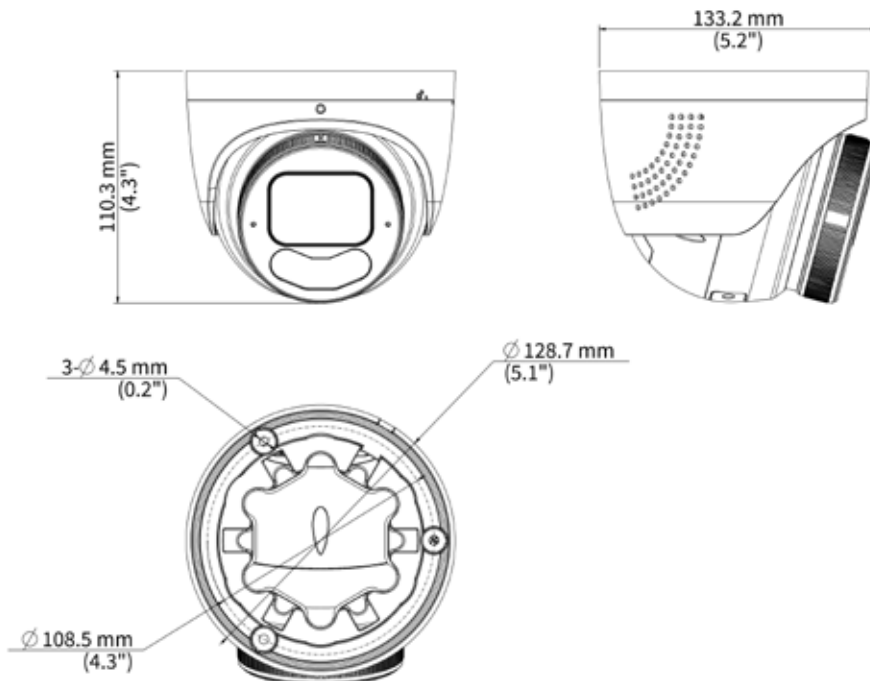


ALI-UC08-C-V2

Bullet&Dome Corner Mounting Bracket



Dimensions





STAFF MEMO

Village of Jackson Public Works

To: Brian Heckendorf, Village President
Jen Heidtke, Village Administrator

CC: Board of Public Works; Budget and Finance; Village Board

From: Jack Straehler, Director of Public Works

Subject: Proposal Review - Hickory Lane Park Security Cameras - Pros4 Technology in the Amount of \$12,800.87

Meeting Date: May 26, 2026 – Board of Public Works

Background and Analysis:

This memo is to inform the Board of a proposal received from Pros4 Technology for the installation of security cameras at Hickory Lane Park.

During the 2026 budgeting process, the Board allocated and approved funding in the amount of \$45,000.00 for this project. The proposal submitted by Pros4 Technology totals \$12,800.87 and includes all necessary parts and labor for the installation of the security camera system.

In addition, a proposal was received from Midwest Fiber Network in the amount of \$21,300.00 for the fiber infrastructure improvements necessary to support the project. The total cost to upfit Hickory Lane Park with fiber and security cameras is \$34,100.87.

The combined proposals are within the amount budgeted for the project. Therefore, it is my recommendation that the Village move forward with the proposal from Pros4 Technology for the installation of security cameras at Hickory Lane Park.

Let me know if you have any questions.

JS

Recommendation:

Board of Public Works recommends the Budget and Finance Committee and Village Board approve the proposal from Pros4 Technology in the amount of \$12,800.87.



We have prepared a quote for you

VOJ Hickory Park Cameras

Quote # 001006
Version 2



Prepared for:

Village of Jackson Public Works

Jack Straehler
jack.straehler@villageofjacksonwi.gov

Prepared by:

Pros 4 Technology

David Becker
david.becker@pros4tech.com

Proprietary Notice & Non-Disclosure Statement

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Alibi Vigilant Junction box for Metal Turret Camera 		\$18.26	7	\$127.82
Hanwha 4K Network Camera - Color - Bullet - White - 229.66 ft Infrared Night Vision - H.264, H.265, MJPEG, H.264H, H.264M, H.265M, H.265H - 3840 x 2160 - 6.91 mm- 214.70 mm Varifocal Lens - 31x Optical - 30 fps - CMOS - Gigabit Ethernet - USB - 		\$2,181.54	1	\$2,181.54
Steel Wall Box 6 x 16 x 12in Pebble Gray Bracket Mount IP66 		\$115.00	1	\$115.00
1U Rack Shelf 		\$49.00	1	\$49.00
Zyxel GS1900-10HP 8-port PoE+ with [2] Gigabit SFP slots 		\$219.00	2	\$438.00
The SXTsq 5 ac is a compact and lightweight outdoor 5Ghz 802.11ac wireless device with an integrated antenna, perfect for point-to-point links or as a CPE unit. The device includes one 10/100/1000 Mbit Ethernet port to fully utilize speeds that 802.11ac p 		\$80.00	2	\$160.00
DW Spectrum Recording Licenses - 4 Camera Pack 		\$435.54	2	\$871.08

Products

Description	Price	Qty	Ext. Price
Wire and Supplies	\$694.00	1	\$694.00
Subtotal:			\$9,000.87

Services

Description	Price	Qty	Ext. Price
Wiring & Install Labor	\$2,800.00	1	\$2,800.00
Programming and Setup Labor	\$1,000.00	1	\$1,000.00
Subtotal:			\$3,800.00



VOJ Hickory Park Cameras

Quote Information:

Quote #: 001006

Version: 2

Delivery Date: 05/13/2026

Expiration Date: 05/27/2026

Prepared for:

Village of Jackson Public Works

W194N16660 Eagle Drive

Jackson, WI 53037

Jack Straehler

(262) 677-9001

jack.straehler@villageofjacksonwi.gov

Prepared by:



Pros 4 Technology

David Becker

920-400-1279

david.becker@pros4tech.com

Quote Summary

Description	Amount
Products	\$9,000.87
Services	\$3,800.00
Total:	\$12,800.87

Sales Tax will be added when applicable, hardware will be billed before ordering, labor will be billed after completion, prices and specifications subject to change. Although we strive to be as accurate as possible, this estimate is an approximation and is not guaranteed. The estimate is based on information provided from the client regarding project requirements and what we could see during the initial walk through. Actual costs may change once the project starts due to unforeseen circumstances, any need for changes, or any changes requested by the client. Prior to any changes of cost, the client will be notified.

Pros 4 Technology

Village of Jackson Public Works

Signature: _____

Name: David Becker

Title: Director of Operations

Date: 05/13/2026

Signature: _____

Name: Jack Straehler

Date: _____



IPVM Designer Calculation | May 13, 2026

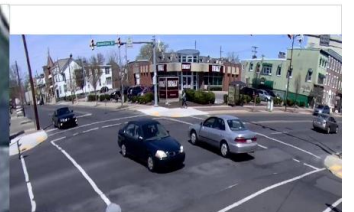
Overview



Camera 1



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 76° Distance: 92ft Width: 121.6ft PPF: 31.6
Imager: 1/2.8" Focal Length: 4.15mm Camera Height: 10.00ft Tilt: -21.33° Scene Height: 10.00ft



Day - Ideal

Dark With IR



31.6 ppf
92 ft
Away

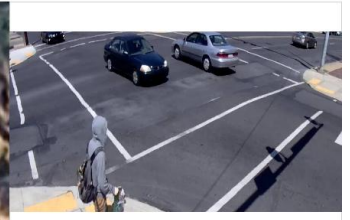


Warning: results may vary depending on light and camera

Camera 2



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 79° Distance: 74ft Width: 102.9ft PPF: 37.3
Imager: 1/2.8" Focal Length: 3.90mm Camera Height: 10.00ft Tilt: -22.31° Scene Height: 10.00ft



Day - Ideal

Dark With IR



37.3 ppf
74 ft
Away

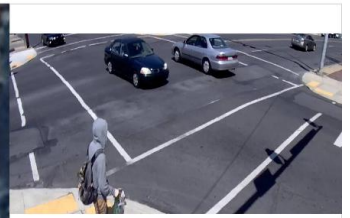
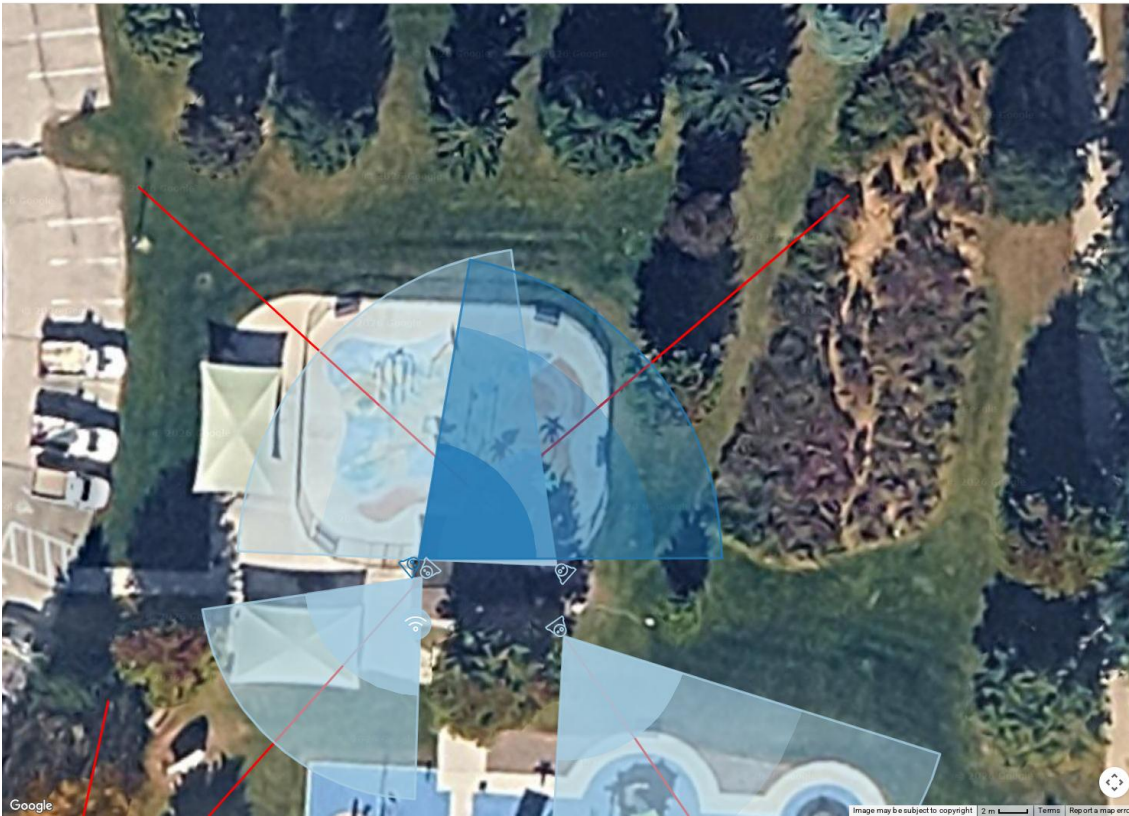


Warning: results may vary depending on light and camera

Camera 3



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 80° Distance: 71ft Width: 98.7ft PPF: 38.9
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



Day - Ideal

Dark With IR



38.9 ppf
71 ft
Away

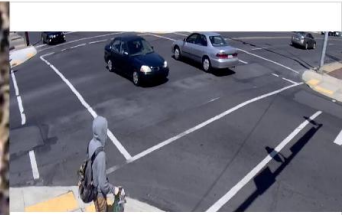
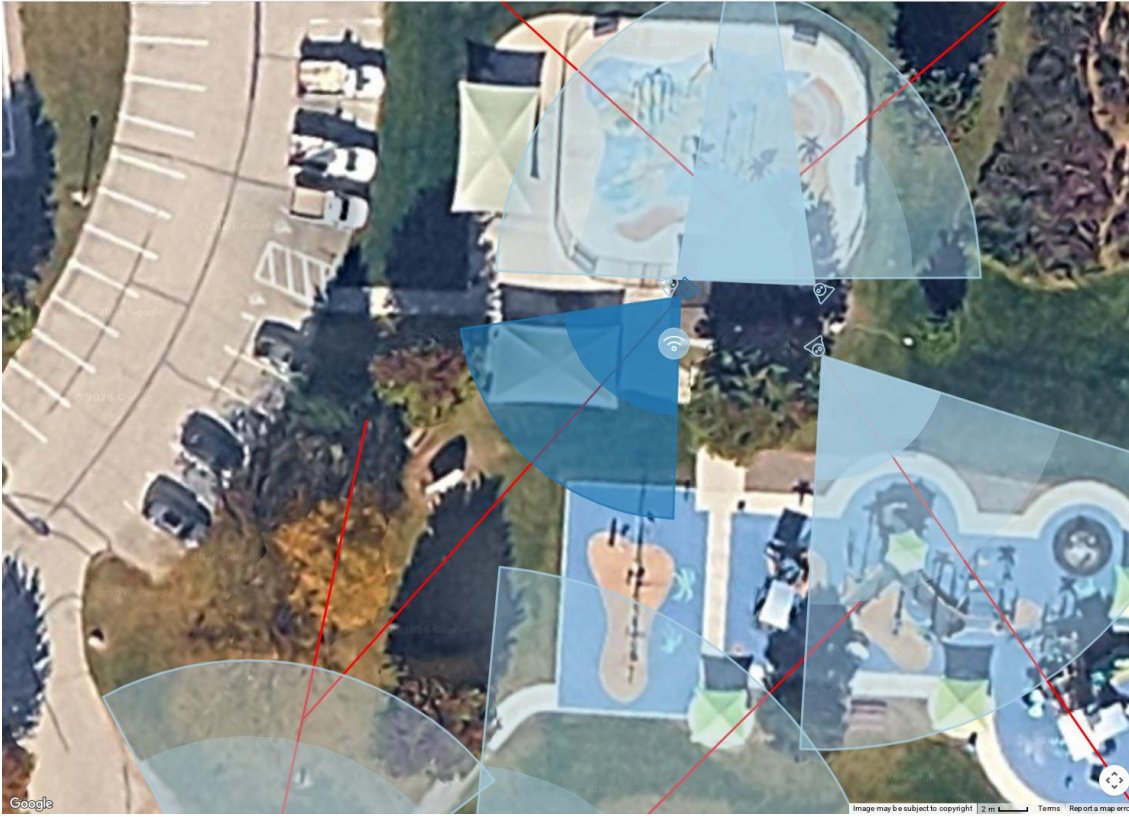


Warning: results may vary depending on light and camera

Camera 4



Model: Alibi ALI-XT81-UZAI Resolution: 4K
H AoV: 80° Distance: 52ft Width: 72.0ft PPF: 53.3
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



Day - Ideal

Dark With IR



53.3 ppf
52 ft
Away

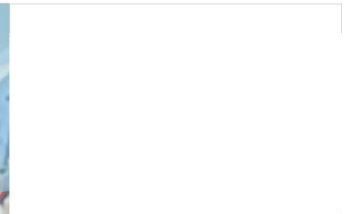
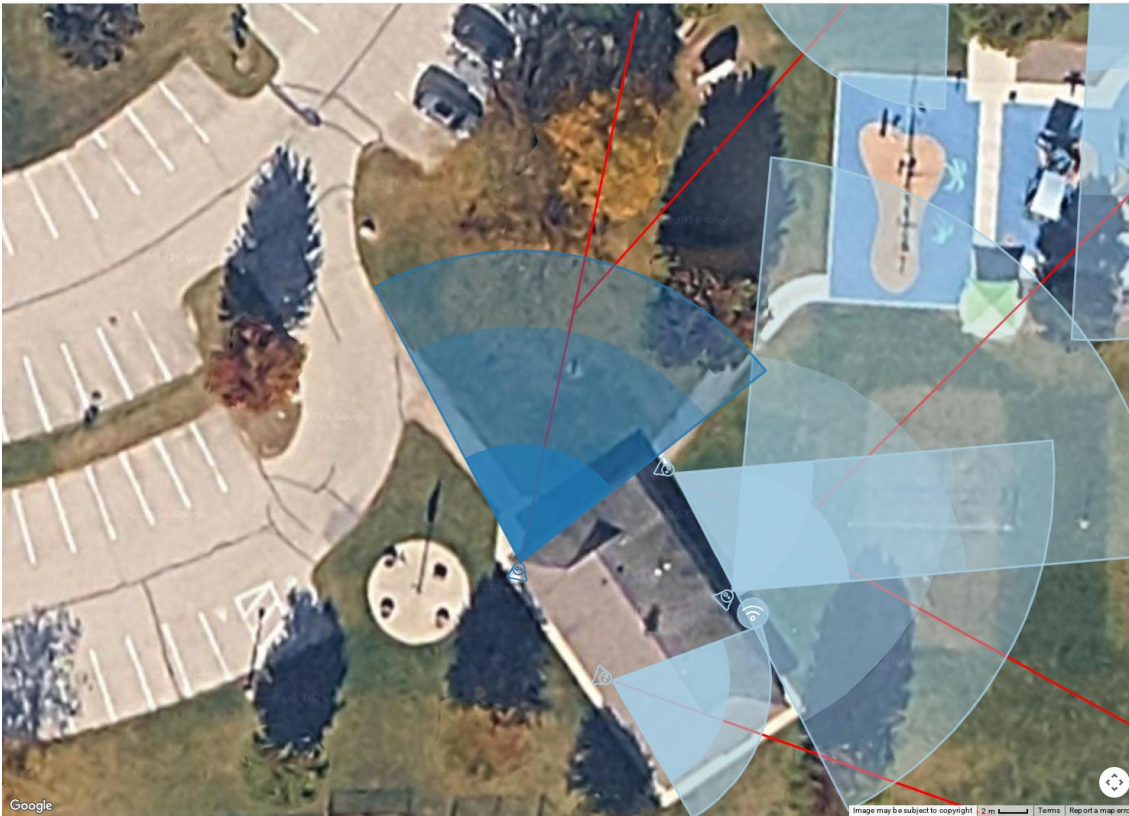
Warning: results may vary depending on light and camera



Camera 5



Model: Alibi ALI-XT81-UZAI Resolution: 4K
H AoV: 80° Distance: 73ft Width: 101.3ft PPF: 37.9
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



Day - Ideal

Dark With IR



37.9 ppf
73 ft
Away

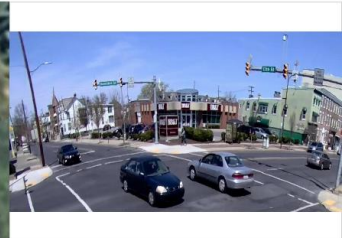
Warning: results may vary depending on light and camera



Camera 6



Model: Alibi ALI-XT81-UZAI Resolution: 4K
H AoV: 80° Distance: 101ft Width: 141.7ft PPF: 27.1
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



Day - Ideal

Dark With IR



27.1 ppf
101 ft
Away

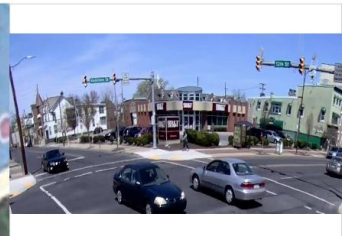
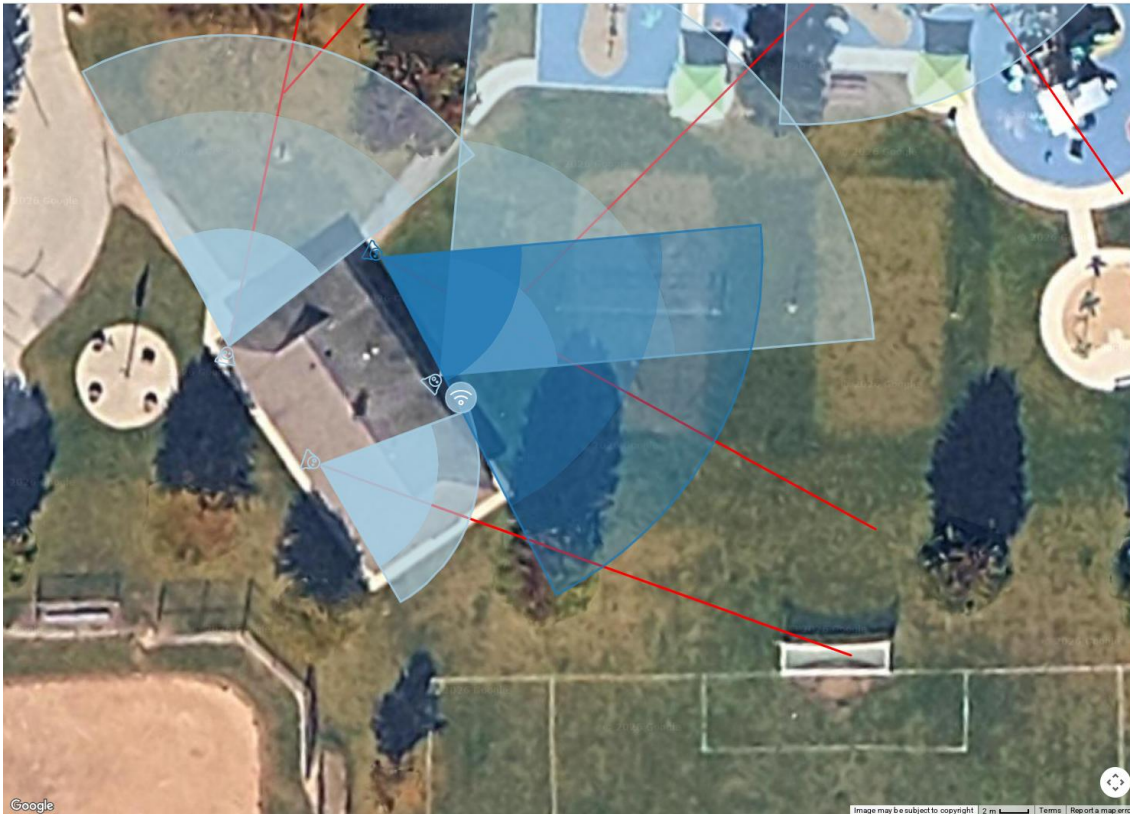


Warning: results may vary depending on light and camera

Camera 7



Model: Alibi ALI-XT81-UZAI Resolution: 4K
H AoV: 68° Distance: 89ft Width: 104.4ft PPF: 36.8
Imager: 1/2.8" Focal Length: 4.83mm Camera Height: 10.00ft Tilt: -19.00° Scene Height: 10.00ft



Day - Ideal

Dark With IR



36.8 ppf
89 ft
Away

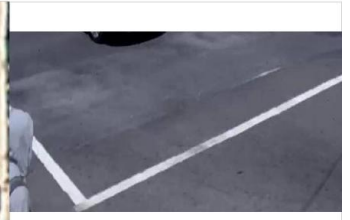
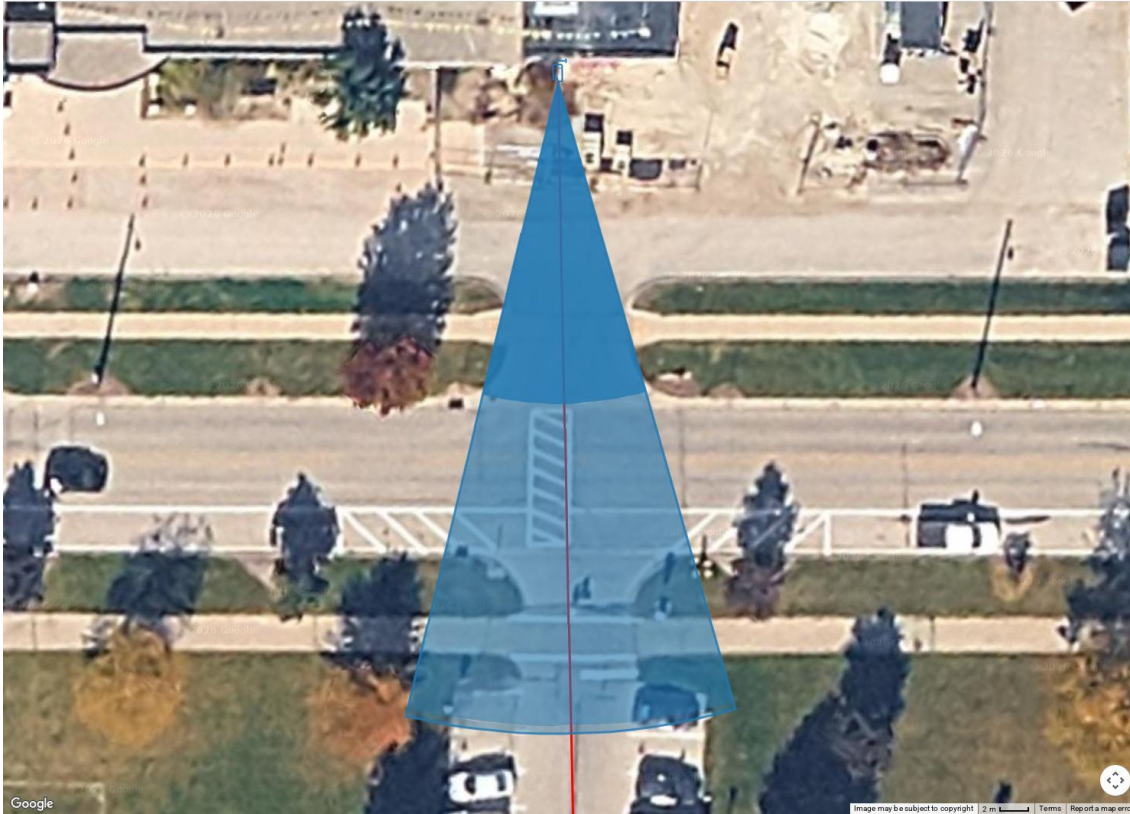


Warning: results may vary depending on light and camera

Camera 8



Model: Hanwha PNO-A9311R Resolution: 4K
HAoV: 29° Distance: 152ft Width: 77.8ft PPF: 49.4
Imager: 1/1.8" Focal Length: 6.91 - 214.7mm Camera Height: 10.00ft Tilt: -8.25° Scene Height: 10.00ft



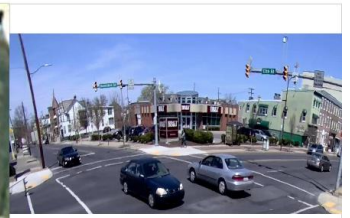
Day - Ideal Dark With IR

	49.4 ppf 152 ft Away	
<small>Warning: results may vary depending on light and camera</small>		

Camera 9



Model: Alibi ALI-XT81-UZAI Resolution: 4K
HAoV: 80° Distance: 37ft Width: 51.6ft PPF: 74.4
Imager: 1/2.8" Focal Length: 3.85mm Camera Height: 10.00ft Tilt: -22.50° Scene Height: 10.00ft



Day - Ideal Dark With IR

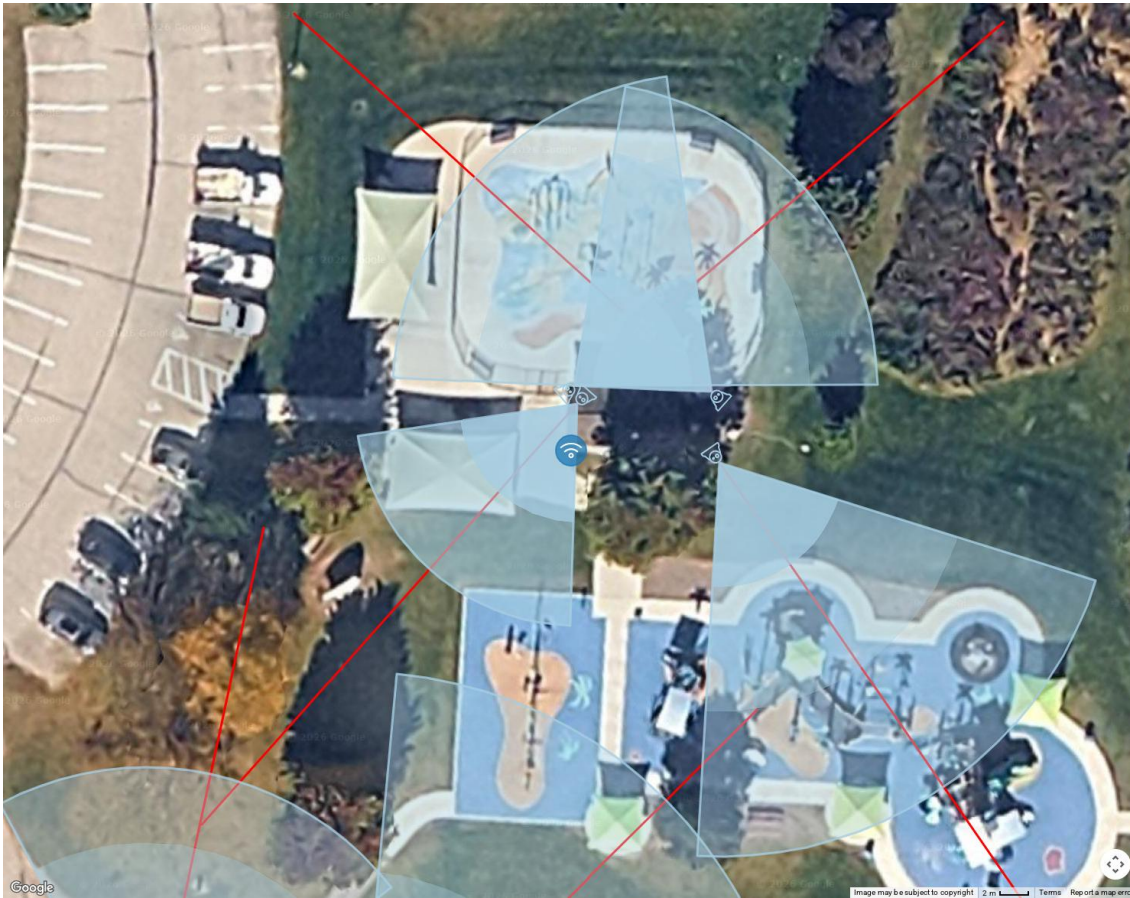
	74.4 ppf 37 ft Away	
<small>Warning: results may vary depending on light and camera</small>		

Wireless Point to Point



Cable Calculations:
No connection
Manufacturer:
Model:
Notes:

Wireless Access Point 2



Cable Calculations:
No connection
Manufacturer:
Model:
Notes:

This presentation is an output of the IPVM Designer / Calculator but is the work product of the individual who created it. IPVM does not guarantee nor warranty the work therein nor its implementation. Issues that may impact actual performance include but are not limited to lighting conditions, lens quality, and compression level.

VIGILANT PERFORMANCE SERIES


Meets federal government technical requirements

Alibi Vigilant 8MP 98 Feet IllumiNite-IR Starlight+ IntelliSearch Vandal IP Varifocal Turret Camera w/Built-in Mic and Speaker

Key Features:

- 8MP high-resolution 3840 x 2160 @ 30fps
- 2.8-12mm @ F1.2
- 111.5 to 54.1 degrees horizontal FOV to capture large areas
- Smart IR up to 98 feet nighttime viewing
- Color Attribute Collection
- IntelliSearch Color Match Technology
- Starlight+ technology - Color: 0.0005 Lux, 0 Lux with IR
- 130dB True Wide Dynamic Range (WDR)
- Supports red & blue warning lights for Active Deterrence
- Built-in mic and speaker
- Audio I/O 1 in 1 out; Alarm 1 in/1 out
- Micro SD, up to 512 GB
- Supports Ultra 265, H.265, H.264, and MJPEG
- ANR, NAS(NFS) Network Storage
- IP67 weather-resistant rating
- IK10 vandal resistant
- NDAA Compliant
- One-click Cloud firmware updating

Specifications

Camera	
Max Resolution	8 MP
Sensor	1/1.8" CMOS
Min. Illumination	Color: 0.0005 Lux (F1.0, AGC ON)
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
S/N	> 56 dB
WDR	130 dB

Lens	
Focal Length	2.8 to 12 mm
Iris Type	Fixed
Iris	F1.2
Field of View (H)	111.5° to 54.1°
Field of View (V)	60.2° to 30.6°
Field of View (D)	128.7° to 61.9°
Lens Type	Motorized
DORI	
DORI Distance (Lens)	2.8 to 12 mm
DORI Distance (Detect)	63.0 m to 270.0 m (206.7 ft. to 885.8 ft)
DORI Distance (Observe)	25.2 m to 108.0 m (82.7 ft. to 354.3 ft)
DORI Distance (Recognize)	12.6 m to 54.0 m (41.3 ft. to 177.2 ft)
DORI Distance (Identify)	6.3 m to 27.0 m (20.7 ft. to 88.6 ft)
Illuminator	
Supplemental Light	Dual light
Illumination Distance (IR)	30 m (98.4 ft)
Illumination Distance (Warm Light)	30 m (98.4 ft)
IR On/Off Control	Auto/Manual
Wavelength	850 nm
Light On/Off Control	Auto/Manual
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate-Main Stream	8 MP (3840 × 2160), max. 30 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps
Frame Rate-Sub Stream	1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps
Frame Rate-Third Stream	D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Triple streams
Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Smart Illumination	Support
Auto Scene Match (ASM)	Support
Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital defog

Intelligent	
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)
Statistical Analysis	N/A
People Counting	Support people flow counting and crowd density detection
Attribute Collection	SIP with color retrieval
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Client	Alibi Vigilant CMS, APP
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
Interface	
Audio I/O	1 Input: impedance 35 k Ω , amplitude 2 V [p-p], 1 Output: impedance 600 Ω , amplitude 2 V [p-p]
Alarm I/O	1/1
Serial Port	N/A
Built-in Mic	Built-in dual-mic
Built-in Speaker	Support
WIFI	N/A
Network	1 \times RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130-4)
	FCC (FCC 47 CFR part15 B)
Safety	CE-LVD (EN 62368-1)
	UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU ; (EU) 2015/863) ; WEEE (2012/19/EU)
Protection	IP67 (IEC 60529)
	IK10 (IEC 62262)
	NEMA 4X

General	
Power	DC 12 V±25%, PoE (IEEE 802.3af)
Power Consumption	Max. 7.0 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Ø128.7 mm × 110.3 mm (Ø5.1" × 4.3") (Ø × H)
Weight	0.99 kg (2.18 lb)
Material	Metal
Working Environment	-40 to 60C degrees (-40 to 140F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-40 to 60C degrees (-40 to 140F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
Web Client Language	20 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese

Accessories

ALI-JB03-H-IN-V2

Junction Box for Metal Turret Camera
(Support wiring from behind)



ALI-A01-IN

Waterproof Cable Gland



ALI-UP06-C-IN-V2

Pole Mounting Bracket for Bullet Junction Box Only



ALI-WM03-B-IN-V2

Wall Mounting Assembling Bracket for 3 Inch Hemisphere



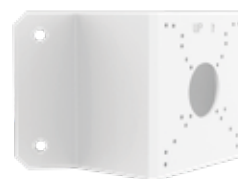
ALI-JB07/WM03-F-IN-V2

Wall Mounting Assembling Bracket with Back Hole for 3 Inch Hemisphere

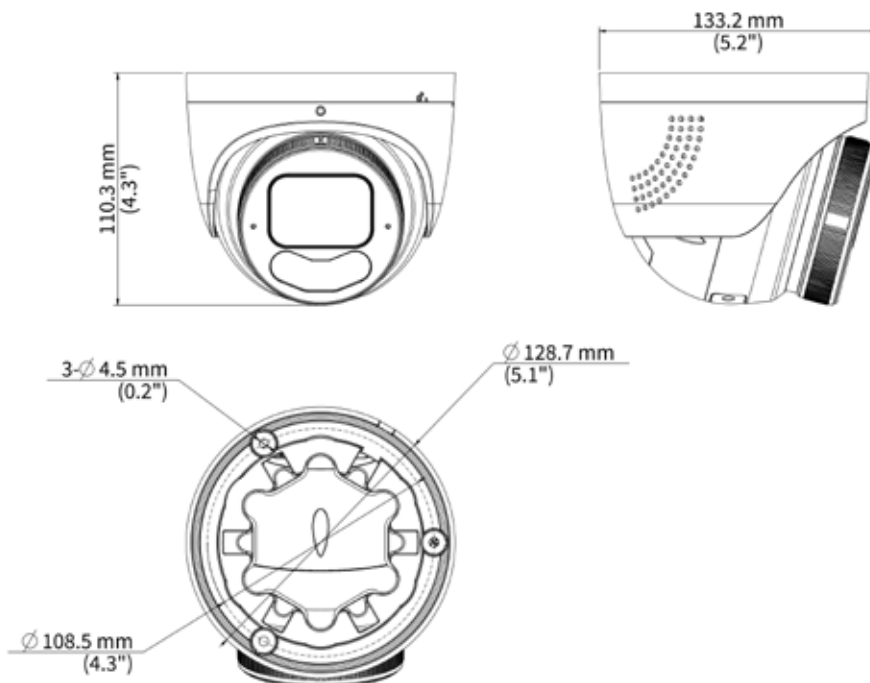


ALI-UC08-C-V2

Bullet&Dome Corner Mounting Bracket



Dimensions



Public Works Report
May 26, 2026

Wastewater Treatment Plant - Designed Capacity – 1.69 million gallons per day
Peak Flow Capacity – 6.0 million gallons per day

Wastewater Treatment Plant Flows - Year 2024

Month	Average Flow	Minimum Flow	Maximum Flow
January	1.337 MGD	980,000 GPD	2.260 MGD
February	1.440 MGD	1.090 MGD	2.250 MGD
March	1.502 MGD	950,000 GPD	2.590 MGD
April	1.427 MGD	980,000 GPD	3.220 MGD
May	1.325 MGD	980,000 GPD	1.990 MGD
June	1.544 MGD	980,000 GPD	2.500 MGD
July	1.146 MGD	850,000 GPD	1.560 MGD
August	1.027 MGD	760,000 GPD	1.550 MGD
September	884,333 GPD	700,000 GPD	1.400 MGD
October	795,484 GPD	670,000 GPD	0.990 MGD
November	997,000 GPD	720,000 GPD	1.610 MGD
December	935,806 GGD	730,000 GPD	1.460 MGD

Wastewater Treatment Plant Flows - Year 2025

Month	Average Flow	Minimum Flow	Maximum Flow
January	880,645 GPD	750,000 GPD	1.160 MGD
February	890,714 GPD	730,000 GPD	1.030 MGD
March	1.356 MGD	840,000 GPD	2.300 MGD
April	1.443 MGD	1.0005 MGD	3.5300 MGD
May	1.279 MGD	830,000 GPD	2.5300 MGD
June	1.100 MGD	830,000 GPD	1.8900 MGD
July	993,225 GPD	860,000 GPD	1.2800 MGD
August	1.446 MGD	800,000 GPD	5.6700 MGD
September	953,333 GPD	820,000 GPD	1,210,000 MGD
October	1.038 MGD	730,000 GPD	1,420,000 MGD
November	929,000 GPD	760,000 GPD	1,080,000 MGD
December	1,075 MGD	780,000 GPD	1,560,000 MGD

Wastewater Treatment Plant Flows - Year 2026

Month	Average Flow	Minimum Flow	Maximum Flow
January	1.203 MGD	830,000 GPD	1,700,000 MGD
February	1.020 MGD	800,00 GPD	1,480,000 MGD
March	1.532 MGD	970,000 GPD	2,250,000 MGD
April	2.095 MGD	1,230,000 GPD	4,300,000 MGD
May			
June			
July			
August			
September			
October			
November			
December			

2024 Wastewater Treatment Plant – Holding & Septage Receiving Annually by Month

Month	Holdings	Grease	Grease Decant	Septage	Septage Decant	Total Billed
January	1,240,050 Gallons			500 Gallons	62,900 Gallons	\$14,003.00
February	1,236,550 Gallons			2,300 Gallons	63,100 Gallons	\$14,081.00
March	1,139,150 Gallons			4,500 Gallons	141,500 Gallons	\$15,200.25
April	1,135,752 Gallons			3,600 Gallons	225,950 Gallons	\$17,972.27
May	982,150 Gallons			14,800 Gallons	274,550 Gallons	\$17,573.25
June	734,178 Gallons			2,000 Gallons	175,950 Gallons	\$11,860.53
July	1,374,900 Gallons			11,300 Gallons	285,450 Gallons	\$21,563.25
August	1,362,350 Gallons			15,800 Gallons	272,200 Gallons	\$21,376.50
September	990,600 Gallons			1,000 Gallons	237,550 Gallons	\$15,904.75
October	1,044,550 Gallons			6,400 Gallons	228,3650 Gallons	\$16,545.75
November	987,500 Gallons			5,800 Gallons	195,350 Gallons	\$15,106.75
December	960,550 Gallons			2,750 Gallons	107,300 Gallons	\$12,453.00

2025 Wastewater Treatment Plant – Holding & Septage Receiving Annually by Month

Month	Holdings	Grease	Grease Decant	Septage	Septage Decant	Total Billed
January	1,008,400 Gallons			1,500 Gallons	40,650 Gallons	\$11,190.25
February	905,450 Gallons			1,400 Gallons	41,250 Gallons	\$10,169.75
March	1,237,500 Gallons			3,100 Gallons	72,450 Gallons	\$14,372.25
April	1,1317,750 Gallons			3,200 Gallons	168,650 Gallons	\$15,545.75
May	1,174,850 Gallons			17,900 Gallons	194,850 Gallons	\$17,693.75
June	1,084,900 Gallons			15,800 Gallons	223,750 Gallons	\$17,390.75
July	1,037,150 Gallons			15,000 Gallons	168,550 Gallons	\$15,485.25
August	1,184,950 Gallons			22,700 Gallons	187,850 Gallons	\$17,907.75
September	1,292,700 Gallons		800 Gallons	2,500 Gallons	268,400 Gallons	\$19,819.00
October	1,700,600 Gallons		4,500 Gallons	17,400 Gallons	479,250 Gallons	\$30,211.25
November	1,592,850 Gallons			8,200 Gallons	297,850 Gallons	\$23,866.75
December	1,908,200 Gallons			4,250 Gallons	128,650 Gallons	\$22,553.25

2026 Wastewater Treatment Plant – Holding & Septage Receiving Annually by Month

Month	Holdings	Grease	Grease Decant	Septage	Septage Decant	Total Billed
January	1,455,600 Gallons		1,750 Gallons		75,700 Gallons	\$16,518.50
February	1,032,250 Gallons			2,000 Gallons	84,200 Gallons	\$12,547.50
March	1,239,500 Gallons			4,500 Gallons	89,950 Gallons	\$14,913.75
April	1,601,050 Gallons			13,900 Gallons	269,750 Gallons	\$23,588.25
May						
June						
July						
August						
September						
October						
November						
December						

Wastewater Treatment Plant – Holding & Septage Receiving Annually

Year Collected	Amount Collected	Year Collected	Amount Collected	Year Collected	Amount Collected	Year Collected	Amount Collected
2005	\$7,562.01	2006	\$101,115.11	2007	\$152,201.07	2008	\$210,441.47
2009	\$183,815.34	2010	\$197,653.66	2011	\$220,576.28	2012	\$236,224.70
2013	\$235,336.46	2014	\$203,938.32	2015	\$210,644.47	2016	\$220,473.17
2017	\$232,358.23	2018	\$245,767.74	2019	\$219,822.80	2020	\$204,656.11
2021	\$209,083.10	2022	\$251,109.46	2023	\$157,332.20	2024	\$194,954.27
2025	\$217,002.75	2026					

Municipal Well Pump Information – Well Number and Pumping Capacity

Well #1 400 GPM	Well #3 900 GPM	Well #4 1,200 GPM	Well #5 1,100 GPM	Well #6 800 GPM
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Summary of Municipal Water Consumption

2010 Total Pumpage 239,326,000 gallons	2011 Total Pumpage 240,268,000 gallons
2012 Total Pumpage 253,492,000 gallons	2013 Total Pumpage 228,371,000 gallons
2014 Total Pumpage 230,973,000 gallons	2015 Total Pumpage 222,621,000 gallons
2016 Total Pumpage 254,531,000 gallons	2017 Total Pumpage 251,387,000 gallons
2018 Total Pumpage 241,322,000 gallons	2019 Total Pumpage 253,427,000 gallons
2020 Total Pumpage 259,413,000 gallons	2021 Total Pumpage 242,216,000 gallons
2022 Total Pumpage 222,033,000 gallons	2023 Total Pumpage 229,997,000 gallons
2024 Total Pumpage 233,155,000 gallons	2025 Total Pumpage 249,538,201 gallons
2026 Total Pumpage	

Municipal Water Consumption - Year 2024

Month	Average Pumpage	Highest Pumpage	Total Pumpage
January	560,000 GPD	733,000 gallons	17,486,000 gallons
February	554,550 GPD	711,000 gallons	16,082,000 gallons
March	541,840 GPD	731,000 gallons	16,797,000 gallons
April	609,130 GPD	903,000 gallons	18,274,000 gallons
May	609,870 GPD	762,000 gallons	18,906,000 gallons
June	661,830 GPD	817,000 gallons	19,855,000 gallons
July	731,480 GPD	988,000 gallons	22,676,000 gallons
August	693,740 GPD	881,000 gallons	21,506,000 gallons
September	739,570 GPD	972,000 gallons	22,187,000 gallons
October	722,810 GPD	1,021,000 gallons	22,407,000 gallons
November	565,450 GPD	816,000 gallons	17,529,000 gallons
December	627,420 GPD	889,000 gallons	19,450,000 gallons

Municipal Water Consumption - Year 2025

Month	Average Pumpage	Highest Pumpage	Total Pumpage
January	607,970 GPD	781,000 gallons	18,847,000 gallons
February	682,680 GPD	820,000 gallons	19,115,000 gallons
March	693,900 GPD	769,000 gallons	21,201,000 gallons
April	707,070 GPD	1,122,000 gallons	21,212,000 gallons
May	716,450 GPD	917,000 gallons	22,210,000 gallons
June	842,170 GPD	999,000 gallons	25,265,000 gallons
July	856,450 GPD	1,066,000 gallons	26,550,000 gallons
August	784,940 GPD	970,000 gallons	24,209,000 gallons
September	837,530 GPD	1,269,000 gallons	25,126,000 gallons
October	813,520 GPD	1,196,000 Gallons	25,219,000 Gallons
November	702,300 GPD	912,000 Gallons	21,069,000 Gallons
December	667,580 GPD	842,000 Gallons	20,695,000 Gallons

Municipal Water Consumption - Year 2026

Month	Average Pumpage	Highest Pumpage	Total Pumpage
January	668,810 GPD	816,000 Gallons`	20,733,000 Gallons
February	619,430 GPD	836,000 Gallons	18,583,000 Gallons
March	669,248 GPD	964,000 Gallons	20,551,000 Gallons
April	725,300 GPD	867,000 Gallons	21,759,000 Gallons
May			
June			
July			
August			
September			
October			
November			
December			

Midwest Fiber Network

The Installation of Midwest Fiber Network equipment has continued throughout the Village and is progressing steadily. Crews remain active in multiple areas, and overall progress has been significant. All complaints have been handled promptly, and the project is moving forward as planned.

Cedar Run Park – Dog Park Project

Crews have returned to the site and continue laying gravel on the paths. As of May 8, only one remaining trail along the wetland boundary still needs to be filled with gravel. Staff, along with Lowe Underground, Inc., were onsite for a proof roll. Staff communicated that they would like to see the ground firm up further and have the area proof rolled one additional time before any mulch is installed. We are hopeful this will occur naturally as the property continues to dry out. Staff are also working with contractors to finalize proposals for fencing, gates, and latches. Once finalized, crews will begin fence installation where conditions allow. Additionally, staff have requested that extra fabric be installed between the stone path base and the decorative mulch. The Village Board will see a change order request related to this addition. This improvement is intended to support long-term path maintenance and help separate the stone base from the mulch over time.

WWTP Aeration Basin Upgrades / Service Building Upgrades

Bids for the 2026 Aeration Basin Upgrade Project were received, reviewed by the Board of Public Works, and formally submitted to the Village Board. The bids for the project were subsequently rejected, and the aeration basin upgrades have now been incorporated into the 2027 Service Building Upgrade Project. It is currently planned that both the Aeration Basin Upgrades and the Service Building Upgrades will be submitted to the DNR for review prior to the September 30 deadline. In addition, the project is anticipated to be funded through the Clean Water Loan reimbursement program.

Maple Fields Subdivision

Phase 3 – Neumann Developments' contractor has completed installation of the water main, including laterals, as well as the sanitary sewer main and laterals. The storm sewer system has also been installed, with some laterals remaining incomplete. A subgrade proof roll was conducted on May 18, with minor undercutting required. Crews anticipate placing the road base by the end of the week, with curb and gutter installation scheduled for the week of May 25. Once curb and gutter installation is complete, crews anticipate asphalt paving in mid-June, along with completion of the remaining storm sewer work.

2026 Street Reconstruction Projects

A utility conflict coordination meeting was held on May 7, followed by a preconstruction meeting on May 14. At this time, coordination with Midwest Fiber Network is ongoing to finalize the schedule for relocation of the conflicting utility. We Energies is expected to be on site from Friday, May 22 through Friday, June 12 to complete the underground gas utility relocation. Work will begin on Linden Drive, then proceed to Hawthorn Drive, and finally Eagle Drive. The construction crew is expected to begin storm sewer work on Tuesday, May 26. Construction activities will start on Aspen Drive and continue to Linden Drive, Hawthorn Drive, and Eagle Drive.

2026 Streetlight Project

A proposal from KL Engineering was reviewed and presented to the committee in March and was subsequently approved and awarded by the Village Board in April. The project includes the transition of streetlights from We Energies ownership to Village ownership along the 2025 project corridor, which encompasses Ridgeway Drive between Georgetown Drive and Willow Ridge Drive, including Chestnut Court, as well as Hickory Lane between Pine Drive and the Cedar Creek Bridge. Initial concept design plans and construction cost estimates have been received and are currently under review. The project is anticipated to be advertised for bid in summer 2026, with substantial completion expected in fall 2026.

Tower Drive – Water Tower Rehabilitation Project

A community survey featuring three color options was posted on Facebook for 24 hours on Saturday, March 28 regarding the Tower Drive water tower. The community selected an all navy blue design with bright white lettering. Crews from Wave Communications will be on site the week of May 18 to remove obsolete equipment from the tower. They will also install protective wrapping on cables that must remain in place to support meter reading and water utility operating systems. Following this work, USG Water Works is scheduled to begin mobilization the week of June 1, weather permitting. Their scope includes minor repairs as well as blasting and repainting the interior and exterior of the water tower. The project is expected to take approximately six weeks to complete.

Jackson Park – Pickleball & Tennis Courts

Following a warranty walk-through conducted in Fall 2025, a defect was identified in the playing surface and reported to the general contractor. In coordination with the general contractor, subcontractor, Park and Recreation Director, Director of Public Works, and the consulting engineer, on-site meetings and field reviews were held. It was jointly determined that the most appropriate course of action was to leave the court in its existing condition throughout the fall and winter months. A follow-up site visit was conducted in Spring 2026 to reassess the defect and determine a repair approach. Repairs are scheduled for Summer 2026. This timing allowed for coordination between the subcontractor responsible for asphalt repairs and a secondary subcontractor responsible for recoating and surface color application. In addition, the work is dependent on favorable weather conditions and the availability of a non-occupied park to ensure proper installation and curing.

Respectfully submitted, Jack Straehler, Director of Public Works