



VILLAGE OF JACKSON
BOARD OF PUBLIC WORKS MEETING AGENDA

Tuesday, May 28, 2024 at 6:00 PM

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

1. Call to Order and Roll Call
2. Approval of Minutes for the Board of Public Works Meeting of April 30, 2024
3. Request to Amend the Jackson Sanitary Sewer Service Area and Notice a Public Hearing
4. Resolution #24-13 Accepting Funds From the Washington County Roadway Shared Services Grant Program
5. Resolution #24-14 Resolution Adopting the 2023 Compliance Maintenance Annual Report for the Jackson Wastewater Treatment Facility
6. Review of the 2023 Jackson Water Utility Consumer Confidence Report
7. Pay Request #3 - Water Wastewater Treatment Plant Tertiary Filters & Disinfection Project - JH Hassinger, in the Amount of \$31,350.00
8. Pay Request #5 - STH 60 Street Lighting Project - Wil-Surge, in the Amount of \$35,140.40
9. Director of Public Works Report
10. Citizens/Village Staff to address the Board of Public Works
11. 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.

MINUTES
BOARD OF PUBLIC WORKS MEETING
Tuesday, April 30, 2024 at 6:00 PM
Board of Public Works Meeting
AMENDED

1. Call to Order and Roll Call

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

Members Present: Pres. Heckendorf, Tr. Engelhardt, Ethan Hollenberger, Randy Matter, Stephanie Egner, and Josh Sandleback.

Members Excused: Jeff Mitchell

Members Absent: None

Staff Present: Public Works Director Brian Kober, and Clerk Anastasia Gonstead.

Trustees Present in Audience: None

2. Approval of Minutes for the Board of Public Works Meeting of March 26, 2024

The motion to approve the minutes for the Board of Public Works Meeting of March 26, 2024 was made by E. Hollenberger and seconded by Tr. Engelhardt.

Vote: 6 ayes, 0 nays. Motion carried.

3. Review of Water Tower Site #2 for Verizon Monopole Installation

Director Kober provided a history of the project, to point. Peter Schall from Terra Consulting Group was present, on behalf of Verizon. Mr. Schall explained the project and the intended outcome. He provided the technical aspects and the proposed time-frame involved. Tr. Engelhardt asked for clarification on the ability to withstand wind. Mr. Schall explained the engineering involved. Pres. Heckendorf asked for clarification of the time-frame requested. Mr. Schall stated they ask for 180 days, to allow them some room to work, however should take only 90 days.

The motion to recommend to the Budget and Finance Committee and to the Village Board to approve the proposal for Verizon Monopole Temporary Installation, to be completed and the poll removed by November 1, 2024 was made by Pres. Heckendorf and seconded by Tr. Engelhardt.

Discussion: Tr. Matter asked for clarification on the process of the project. Director Kober and Mr. Schall provided further information. E. Hollenberger asked for clarification on the painting project. Director Kober provided an explanation.

Vote: 6 ayes, 0 nays. Motion carried.

4. Review of 2024 Front End Loader Purchase for Village Street Department

Director Kober pointed out Supervisor Russ Krueger and Ryan Ganshow, both with DPW, were present to speak on this agenda item, if needed. Director Kober provided the process they undertook to come to their recommendation of the Case 621G2, which would come with a metal pless pro-1048-18LE snowplow, a 4-in-1 bucket and a set of forks. It also includes a three (3) year/3,000 hour base warranty and a three (3) year/2,000 hour maintenance warranty. He further explained that AARPA money would be used for this purchase and the existing loader would be retained for other uses. A YouTube video was shown to the Body, so they could see what the requested loader is capable of doing.

Discussion was had among Director Kober, Supervisor Krueger, and the Body regarding the pros and cons between the recommended Case and the Caterpillar front end loaders, with a focus on the 84-month powertrain warranty the Caterpillar price includes vs. the 36-month powertrain warranty the Case was quoted. Questions were also asked pertaining to the use of the existing front end loader and how many hours are on it. There was also discussion on why the low bid, Komatsu, was not recommended, and the visibility issues with that front end loader and problems with the areas that would need to be plowed with the machine were pointed out as determining factors for non-recommendation.

The motion to recommend to the Budget and Finance Committee and to the Village Board to approve the purchase of the Case loader, subject to obtaining an extended 48-month warranty to match the Caterpillar, was made by Pres. Heckendorf and seconded by Tr. Engelhardt.

Vote: 6 ayes, 0 nays. Motion carried.

5. Pay Request #1 - Water Wastewater Treatment Plant Tertiary Filters & Disinfection Project - JH Hassinger, in the Amount of \$85,500.00

Project updated provided by Director Kober. He also pointed out the holdback of \$4,500 of retainage in the pay request.

The motion to recommend to the Budget and Finance Committee and to the Village Board to approve Pay Request #1 for the Water Wastewater Treatment Plant Tertiary Filters and Disinfection Project, to JH Hassinger, in the amount of \$85,500.00 was made by E. Hollenberger and seconded by S. Egner.

Vote: 6 ayes, 0 nays. Motion carried.

6. Pay Request #2 - Water Wastewater Treatment Plant Tertiary Filters & Disinfection Project - JH Hassinger, in the Amount of \$9,975.00

Director Kober pointed out the foldback of \$525 in this pay request.

The motion to recommend to the Budget and Finance Committee and to the Village Board to approve Pay Request #2 or the Water Wastewater Treatment Plant Tertiary Filters and Disinfection Project, to JH Hassinger, in the amount of \$9,975.00 was made by E. Hollenberger and seconded by J. Sandleback.

Vote: 6 ayes, 0 nays. Motion carried.

7. Resolution #24-08 - Approving the Village of Jackson Adjusted Urban Area Boundary

Director Kober explained the background of the Village of Jackson Adjusted Urban Area.

The motion to recommend to the Village Board to approve Resolution #24-08 Approving the Village of Jackson Adjusted Urban Area Boundary was made by E. Hollenberger and seconded by Tr. Engelhardt.

Vote: 6 ayes, 0 nays. Motion carried.

8. Director of Public Works Report

Director Kober provided an overview of his submitted monthly report and answered questions from the Body regarding STH 60 and Sherman Rd/Co P projects.

The motion to place the April 2024 Director of Public Works report on file was made by Pres. Heckendorf and seconded by Tr. Engelhardt.

Vote: 6 ayes, 0 nays. Motion carried.

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

None.

10. Adjourn

A motion to adjourn the meeting was made by J. Sandleback and seconded by Tr. Engelhardt.

Vote: 6 ayes, 0 nays. Motion carried. The meeting was adjourned at 6:50 PM.

Respectfully Submitted,
Anastasia Gonstead - Village Clerk

2135 Highland Road
Jackson, WI 53037
July 10, 2023

Ms. Jen Keller
Jackson Administrator
N168W19851 Main Street
Jackson, WI 53037

Dear Jen Keller,

Thank you for taking the time to meet with us to discuss the process of getting sewer and water to our property.

We would like to ask you to request that SEWRPC make a boundary amendment to include our property. This new boundary would include the property on the northeast corner of Highway 60 and Eagle Drive. The property would include Parcel 5 (3.80 acres) and Parcel 6 (4.06 acres). On a certified survey map, the location of the property is described as being part of the Southwest $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of Section 17, Town 10 North, Range 20 East, in the town of Jackson, Washington County, Wisconsin.

Thank you for your assistance in getting this boundary amended.

Sincerely,

Bob and Andrea Loduha

From: Heckel, Donald P. <dheckel@sewrpc.org>

Sent: Tuesday, March 19, 2024 9:08 AM

To: Jen Keller <jen.keller@villageofjacksonwi.gov>

Cc: Brian Kober <brian.kober@villageofjacksonwi.gov>; Dietl, Joel E. <joel.dietl@sewrpc.org>

Subject: Village of Jackson Sanitary Sewer Service Area Amendment

Good morning Jen –

Attached for your review and comment is a draft of the SEWRPC report (staff memorandum, maps, and Appendix A) for the Jackson SSA amendment request.

The following steps and a tentative schedule (per previous emails) are set forth below.

- **3-19-24:** SEWRPC staff to provide the draft report to Village staff for review and comment.
- **3-21-24:** VOJ Plan Commission reviews Resolution amending the future land use map. VOJ Noticing Class I Hearing – Staff publish a Class I public hearing notice for an ordinance to be considered by VB to amend the future land use map in May (30 day notice requirement).
- **5-14-24:** Village Board hosts public hearing and considers adoption of ordinance amending the future land use map.
- **5-16-24 or 5-28-24:** VOJ Plan Commission or Board of Public Works (to be decided, it may be both) recommend Village Board approval of the request to amend the SSA and **PC authorizes staff to publish a public hearing notice.**
- **6-11-24:** Village Board hosts public hearing and then considers adopting an amendment.
- **8-6-24:** Planning and Research Committee review of the amendment.
- **9-11-24:** Full Commission review of the amendment.
- Amendment sent to DNR for approval NLT 9-25-24.

The above-noted schedule assumes there are no large changes or objections to the land use map amendment and SSA amendment requests.

Should you have any questions about this information, including the tentative schedule, please don't hesitate.

Thank you.



Don Heckel | Senior Planner
dheckel@sewrpc.org | 262.953.3238
sewrpc.org

Staff Memorandum

RESPONSE TO REQUEST BY THE VILLAGE OF JACKSON TO AMEND THE JACKSON SANITARY SEWER SERVICE AREA

March 19, 2024

INTRODUCTION

By email received August 11, 2023, Ms. Jen Keller, Village Administrator for the Village of Jackson, requested that the Southeastern Wisconsin Regional Planning Commission (Commission) amend the Jackson sanitary sewer service area, tributary to the Village of Jackson sewage treatment facility, as that area is currently documented in SEWRPC Community Assistance Planning Report No. 124 (2nd Edition), *Sanitary Sewer Service Area for the Village of Jackson and Environs, Washington County, Wisconsin*, dated September 1997, as amended. The basic purpose of the amendment would be to include within the planned sewer service area certain lands located immediately adjacent to, but outside, the currently adopted sewer service area.

AREA DESCRIPTION

As shown on Map 1, the area proposed to be added to the Jackson sewer service area encompasses approximately 8.7 acres and is located northeast of, and immediately adjacent to, the intersection of Eagle Drive and Main Street (STH 60) within the southeast quarter of U.S. Public Land Survey Section 17, Township 10 North, Range 20 East, Washington County, Wisconsin.

The subject area contains approximately 3.5 acres of environmentally significant lands, consisting of 2.4 acres of secondary environmental corridor (comprised of 1-percent-annual-probability (100-year recurrence interval) floodplain and wetlands), and approximately 1.1 acre of floodplain and a small, isolated wetland/stormwater pond located outside of the secondary environmental corridor.

Approximately 1.2 acres of the subject area is proposed to be developed for a commercial use as identified in the most recent Village of Jackson comprehensive plan amendment, which was adopted May 14, 2024. The remaining approximately four acres are comprised of existing institutional lands associated with the adjacent Living Word Lutheran School property and adjacent existing and proposed streets and highway uses.

A more detailed delineation of the amended sewer service area, and of the environmentally significant lands within, are shown on the aerial photograph reproduced as Map 2.

RELATIONSHIP OF THE PROPOSED CHANGE TO THE EXISTING SANITARY SEWER SERVICE AREA

The proposed addition of approximately 8.7 acres to the Jackson sewer service area represents an increase in the Jackson planned sewer service area of 1.9 percent. As noted above, the subject area is proposed for commercial use and includes existing governmental and institutional and existing and proposed streets and highway uses. As such, the resident population of the Jackson sewer service area is anticipated to remain unchanged. The estimated buildout population of the expanded sewer service area—that is, the population that could be accommodated under full development of the Jackson sanitary sewer service area—would continue to lie within the year 2050 population range for the Jackson sewer service area set forth in the regional land use and transportation plan (VISION 2050) of 11,570 to 15,160 persons.

WATER QUALITY IMPACTS

Under the adopted regional water quality management plan and the Jackson sewer service area plan, it is envisioned that all new urban development within the planned sewer service area would receive sanitary sewer service. Assuming that all applicable Federal, State, and local permits are obtained, and that proper site development and construction practices are employed, there should be no significant adverse water quality impacts attributable to the development of the planned sewer service area.

WASTEWATER TREATMENT PLANT CAPACITY

Wastewater from the commercial land use parcel proposed to be added to the SSA will be conveyed through the Village of Jackson sewerage system and treated at the Village of Jackson Wastewater Treatment Plant (WWTP). The WWTP has a design capacity of 1.69 million gallons per day (mgd) on an average annual basis. The current (2022) wastewater flow rate is approximately 1.27 mgd on an average annual basis. The anticipated sewage flow to be generated in the area proposed to be added to the Jackson sewer service area is expected to be approximately 0.001 mgd on an average annual basis. Thus, the WWTP has adequate capacity to treat sewage flows from the subject area.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on____, at the Jackson Village Hall to receive public comment on, and reaction to, the proposed sewer service area amendment. The hearing was sponsored by the Village of Jackson and the Regional Planning Commission. A summary of the amendment was presented prior to receiving public comment.

(To be completed following the public hearing.)

LOCAL ACTION ON THE PLAN AMENDMENT

The Jackson Village Board approved the sewer service area amendment following the public hearing on ____.

(To be completed following the public hearing.)

REGIONAL HOUSING PLAN: JOB/HOUSING BALANCE

Appendix A provides job/housing balance information for the Village of Jackson developed under the Commission's regional housing plan. The inclusion of information from the regional housing plan in sewer service area amendment reports is based upon a regional housing plan recommendation (one of 50 recommendations made under the plan) that 1) The Commission provide the findings of the approximate job/housing balance analysis conducted under the regional housing plan to communities requesting an amendment of their sanitary sewer service area and 2) for those communities with a job/housing imbalance, that recommendations be provided to the community for their future consideration in addressing that imbalance. However, it is important to note that job/housing balance is not intended to be a requirement to be met by any individual sewer service area amendment.

CONCLUDING RECOMMENDATION

The Regional Planning Commission's evaluation of proposed sanitary sewer service area amendments includes a consideration of whether the amendment is consistent with the regional land use plan, the regional water quality

management plan, the provisions of the *Wisconsin Administrative Code* governing water quality management plans, and whether established procedures for amending sewer service areas have been followed.

- **Consistency with the Regional Land Use Plan**

The regional land use plan recommends that, in addition to the infilling and redevelopment of existing urban centers, new urban development within the Region be accommodated through the orderly expansion of existing urban centers in locations which can be readily served by basic urban facilities, including sanitary sewer service, with the overall amount of new urban development consistent with projected growth in population and the economic base. The regional land use plan further recommends the preservation of primary environmental corridors and that consideration be given to the preservation of secondary environmental corridors and isolated natural resource areas.

(To be completed following the public hearing.)

- **Consistency with the Regional Water Quality Management Plan**

The regional water quality management plan recommends that new urban development within the Region be provided with centralized sanitary sewer service. The plan designates a wastewater treatment plant to serve each of the urban centers within the Region that are identified in the regional land use plan. In the case at hand, the regional plan recommends that wastewater from the Jackson urban service area be conveyed to and treated at the Jackson wastewater treatment plant.

(To be completed following the public hearing.)

- **Consistency with Chapter NR 121 of the *Wisconsin Administrative Code***

Chapter NR 121 of the *Wisconsin Administrative Code* governs the preparation of areawide water quality management plans, including the component sewer service area plans. The code requires that sewer service areas be determined in a way that promotes cost-effective and environmentally sound wastewater collection and treatment and that is consistent with 20-year population projections. Under the code, sewer service area plans must identify lands that are to be excluded from sewer service because of physical or environmental constraints or potential adverse water quality impacts.

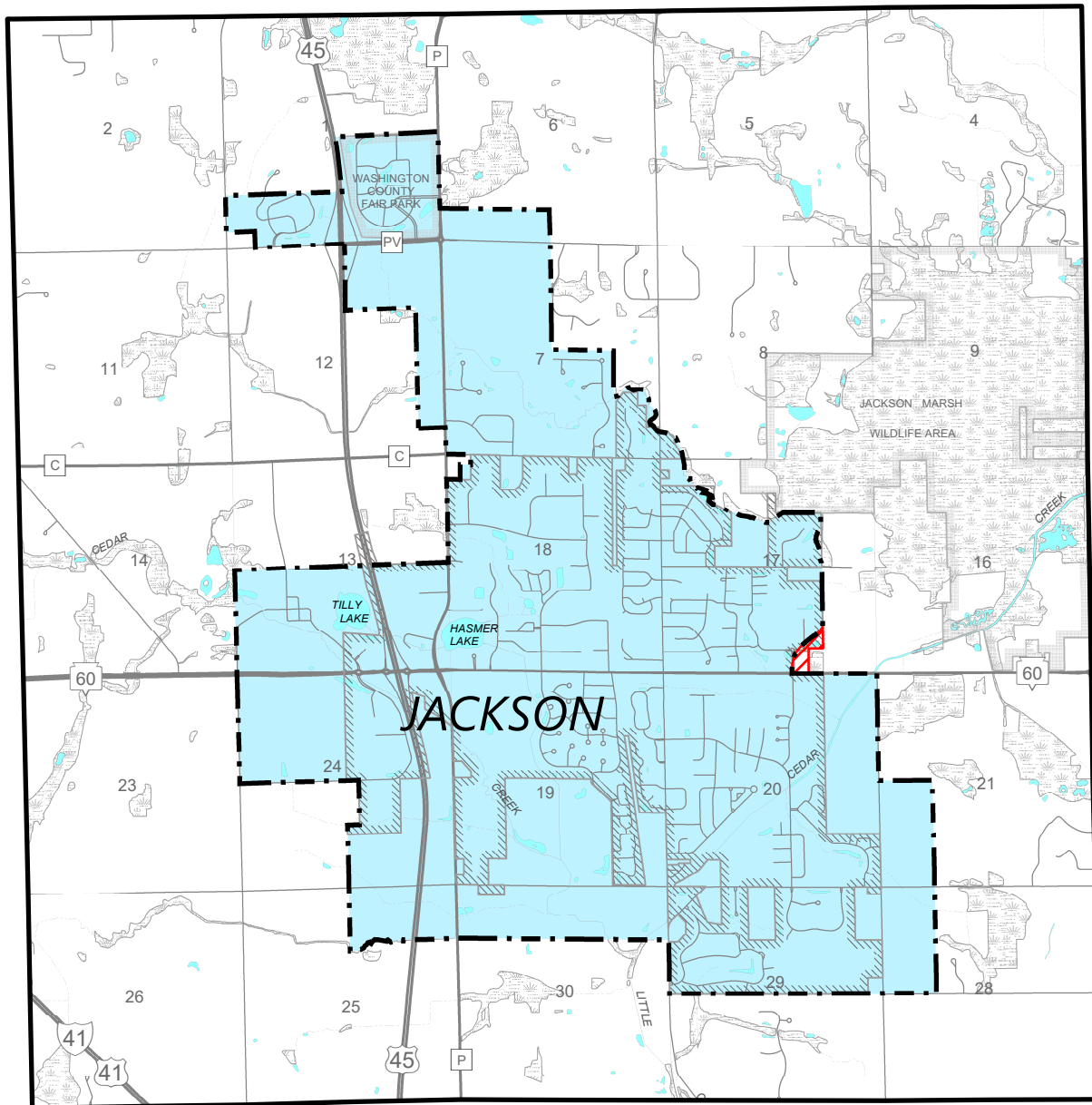
(To be completed following the public hearing.)

- **Consistency with Procedural Requirements**

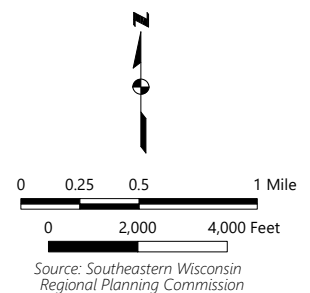
As carried out by the Regional Planning Commission, the sewer service area amendment process must begin with a request to the Commission from the appropriate local unit of government or government agency to process the amendment. A public hearing must be held on the proposed amendment; the hearing is jointly sponsored by the Regional Planning Commission and the requesting agency or unit of government. Subsequent to the public hearing, the requesting agency or unit of government must act to approve the amendment as presented at the hearing, approve a modified amendment, or deny the amendment. Only after approval by the requesting agency or unit of government will the proposed amendment be considered for adoption by the Regional Planning Commission as an amendment to the areawide water quality management plan.

(To be completed following the public hearing.)

Map 1 Proposed Amendment to the Village of Jackson Sanitary Sewer Service Area

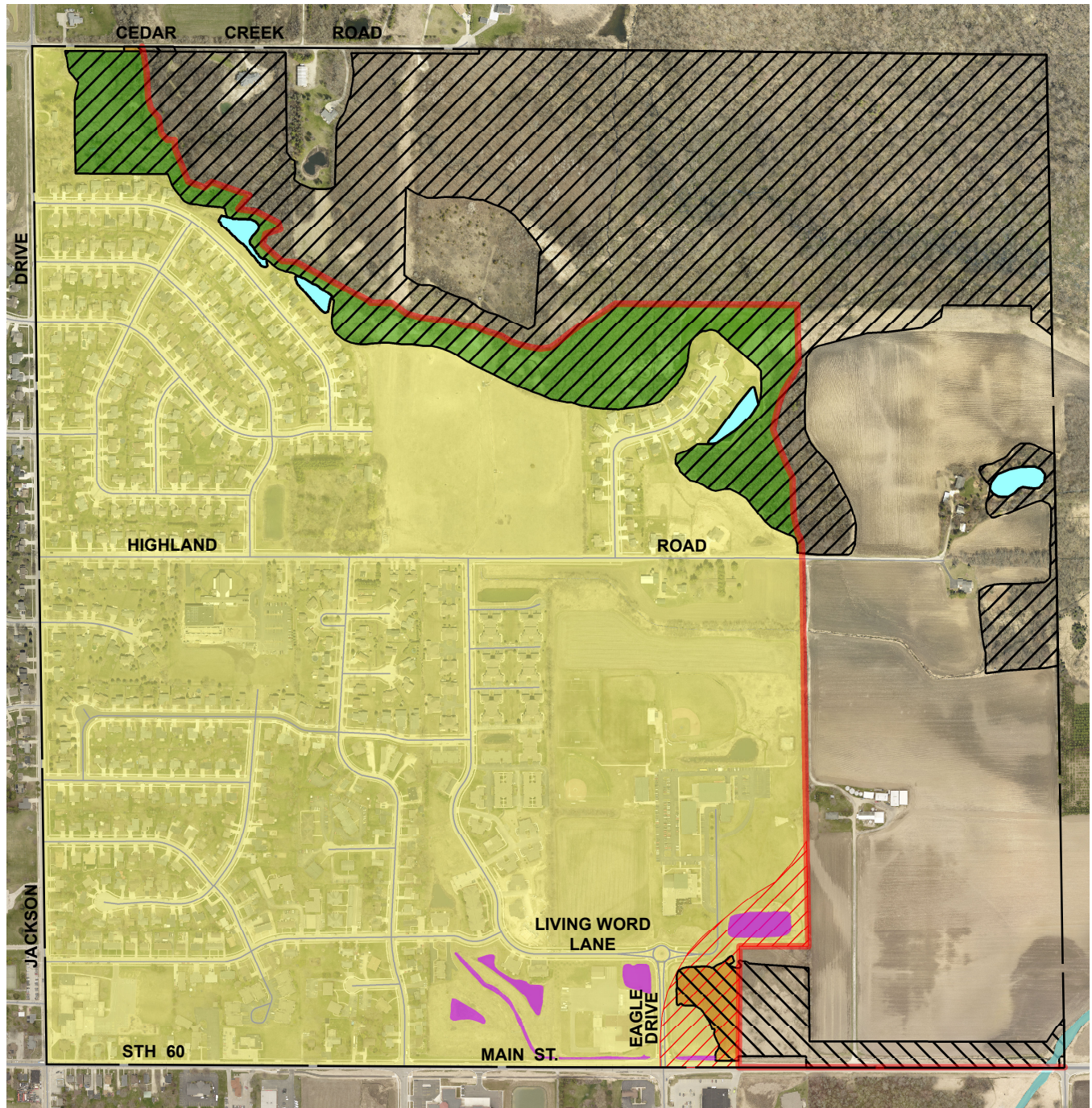


- VILLAGE OF JACKSON PLANNED SANITARY SEWER SERVICE AREA
- AREA TO BE ADDED TO THE VILLAGE OF JACKSON SEWER SERVICE AREA
- PLANNED SANITARY SEWER SERVICE AREA BOUNDARY
- MUNICIPAL BOUNDARY



Map 2
Environmentally Significant Lands and Planned Sanitary Sewer Service Area for the Village of Jackson

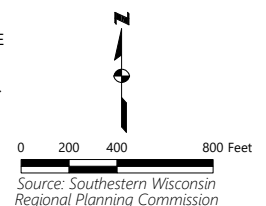
U.S. Public Land Survey Section 17
 Township 10 North, Range 20 East



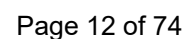
Photography Date: April/May 2022

- | | | | |
|---|---|---|--|
|  | PRIMARY ENVIRONMENTAL CORRIDOR |  | AREA TO BE ADDED TO THE VILLAGE OF JACKSON
SANITARY SEWER SERVICE AREA |
|  | SECONDARY ENVIRONMENTAL CORRIDOR | RESTRICTIONS ON SEWERED DEVELOPMENT | |
|  | WETLANDS AND SURFACE WATER AREAS LESS THAN
5 ACRES IN SIZE OUTSIDE ENVIRONMENTAL CORRIDORS |  | PRIMARY ENVIRONMENTAL CORRIDORS WITHIN THE PLANNED
SEWER SERVICE AREA: THE EXTENSION OF SEWERS TO SERVE
NEW DEVELOPMENT IS CONFINED TO LIMITED RECREATIONAL
AND INSTITUTIONAL USES AND RURAL-DENSITY RESIDENTIAL
DEVELOPMENT IN AREAS OTHER THAN WETLANDS, FLOODLANDS,
RIPARIAN BUFFERS, AND ADJACENT STEEP SLOPES. |
|  | SURFACE WATER WITHIN ENVIRONMENTAL CORRIDORS |  | PORTIONS OF THE SECONDARY ENVIRONMENTAL CORRIDORS
WITHIN THE PLANNED SANITARY SEWER SERVICE AREA WHICH ARE
COMPRISED OF WETLANDS, FLOODPLAINS, RIPARIAN BUFFERS,
AND/OR ADJACENT TO STEEP SLOPES: THE EXTENSION OF SEWERS
TO SERVE NEW DEVELOPMENT IN THESE AREAS IS NOT PERMITTED. |
|  | PLANNED SANITARY SEWER
SERVICE AREA BOUNDARY | | |
|  | PLANNED SANITARY SEWER SERVICE AREA | | |

NOTE: This map replaces a portion of Map 7-5, page 24, of SEWRPC Community Assistance Planning Report No. 124
 (2nd Edition), *Sanitary Sewer Service Area for the Village of Jackson, Washington County, Wisconsin*, September 1997.



Projected Job/Housing Imbalances in Sewered Communities in the Southeastern Wisconsin Region: 2035



Appendix A

REGIONAL HOUSING PLAN: JOB/HOUSING BALANCE ANALYSIS

On March 13, 2013, the Regional Planning Commission adopted a regional housing plan for the seven-county Southeastern Wisconsin Region. That plan is documented in SEWRPC Planning Report No. 54, *A Regional Housing Plan for Southeastern Wisconsin*, dated March 2013. The plan addresses a range of housing issues and concerns, including the balance between jobs and housing throughout the Region. The plan includes a generalized analysis of the “job/housing balance” for subareas of the Region. The regional housing plan recommends providing the findings of the job-housing analysis to communities seeking to amend their sanitary sewer service areas, with the intent to inform communities of any job/housing imbalance, and to encourage them to consider addressing the imbalance when they review and update their community comprehensive plan and zoning ordinance. Accordingly, the findings of that analysis are summarized in this appendix.

The job/housing analysis conducted under the regional housing study examined the relationship between jobs and housing that would exist in areas planned by local governments to be served by a public sanitary system, assuming implementation of adopted long-range comprehensive plans for those areas. For each sewered community, the analysis compared the projected relative shares of lower-cost, moderate-cost, and higher-cost housing¹ with the projected relative shares of lower-wage, moderate-wage, and higher-wage jobs,² respectively. Job/housing imbalances identified under this analysis are indicated on Map A.1. A “lower-cost” job/housing imbalance indicates a community projected to have a higher percentage of lower-wage jobs than lower-cost housing. A “moderate-cost” job/housing imbalance indicates a community projected to have a higher percentage of moderate-wage jobs than moderate-cost housing.

Map A.1 shows the Village of Jackson is projected to have a shortage of moderate-cost housing compared to moderate-wage jobs. The regional housing plan would encourage the Village to consider conducting a more detailed job/housing analysis specific to their community, with the community-level analysis considering community-specific wage data and housing price data. The community-specific analysis could also consider the effect of multiple workers in a household, which was not incorporated in the regional-level analysis.

¹ For purposes of the analysis, lower-cost housing generally includes multi-family dwellings and single- and two-family dwellings at densities of 6,000 square feet or less per dwelling unit; moderate-cost housing includes single- and two-family dwellings at densities of one dwelling per 6,000 to 20,000 square feet for homes constructed prior to 2000 and at densities of one dwelling per 6,000 to 10,000 square feet for housing constructed after 2000; and higher-cost housing includes the balance of the housing stock.

² For purposes of the analysis, lower-wage jobs include those with an average annual wage that is 80 percent or less than the average annual wage for all jobs in the county; moderate-wage jobs include those with an average annual wage between 80 percent and 135 percent of average annual wage for all jobs in the county; and higher-wage jobs include those with an average annual wage that is 135 percent or more of the annual average wage for all jobs in the county.

The regional housing plan further recommends that communities which are demonstrated to have a job/housing imbalance following a community-specific analysis consider making changes to their comprehensive plan and zoning ordinance, as appropriate, to enable the provision of housing suitable for the people holding jobs in their community. Actions to address a moderate-cost job/housing imbalance could include modifying the comprehensive plan to permit some single-family residences on smaller lots (1/4 acre or less) and of modest square footage (1,200 square feet). Actions to address a lower-cost job/housing imbalance could include modifying the comprehensive plan to permit some modest multi-family housing (density of about 10 housing units per acre and 800 to 850 square feet per two bedroom apartment).

Additional information about the housing plan and the job/housing balance analysis is available on the SEWRPC website (www.sewrpc.org/sewrpc/housing.htm) or by contacting the SEWRPC staff.

SAMPLE

**A SUGGESTED RESOLUTION FOR ADOPTION OF A
JACKSON SANITARY SEWER SERVICE AREA AMENDMENT**

WHEREAS, the Southeastern Wisconsin Regional Planning Commission (SEWRPC), working in cooperation with the Village of Jackson, has prepared an amendment to the sanitary sewer service area for the Jackson area; and

WHEREAS, the amendment is set forth in a SEWRPC document entitled, *Amendment to the Regional Water Quality Management Plan, Village of Jackson*, dated ____ 2023; and

WHEREAS, the Village of Jackson concurs with the amended sanitary sewer service area set forth in the aforementioned SEWRPC document entitled *Amendment to the Regional Water Quality Management Plan, Village of Jackson*, dated ____ 2023.

NOW, THEREFORE, BE IT RESOLVED THAT the Village Board of the Village of Jackson, on the __th day of ____ 2023, hereby adopts the SEWRPC document entitled *Amendment to the Regional Water Quality Management Plan, Village of Jackson*, dated ____ 2023, as a guide for the provision of sanitary sewer service within the Jackson area; and

BE IT FURTHER RESOLVED THAT the Village transmit a certified copy of this Resolution to the Southeastern Wisconsin Regional Planning Commission.

#270222
DPH
9/22/23

RESOLUTION #24-13

ACCEPTING FUNDS FROM THE WASHINGTON COUNTY ROADWAY SHARED SERVICES GRANT PROGRAM

The Village Board of the Village of Jackson, Washington County, Wisconsin, does resolve as follows:

WHEREAS, Washington County has allocated a pool of dollars to create a grant program to provide direct assistance to Municipalities in the County for road work and related professional services; and

WHEREAS, the County has worked in conjunction with local chief elected officials to create a distribution formula and has calculated the award amounts for each eligible municipality; and

WHEREAS, Washington County has awarded \$20,832.00 to the Village of Jackson for this purpose; and

WHEREAS, the Village of Jackson has reviewed the terms and conditions of the grant program as reflected in the attached presentation, and agrees to abide by them; and

NOW, THEREFORE, BE IT RESOLVED by the Village of Jackson Board that the Village Board does hereby accept the grant award in accordance with the Washington County Roadway Maintenance Shared Services Grant Program.

Introduced by: _____

Seconded by: _____

Vote: ____Ayes ____Nays

Passed and Approved: _____

Brian Heckendorf – Village President

Attest: _____
Anastasia Gonstead - Village Clerk

Proof of Posting:

I the undersigned, certify that I posted this Resolution on posting boards at the Jackson Municipal Complex, Post Office, and one other location in the Village.

Village Official

Date



**WASHINGTON
COUNTY**
SHARED SERVICES

To: Village of Jackson
From: Washington County
Date: May 7, 2024
Subject: Washington County Roadway Shared Services Grant Program

The purpose of this communication is to let you know that the County has approved a Roadway Shared Services Grant of: \$ 20,832 for your municipality. This program and process has previously been communicated to your chief elected official. The program has the County covering the labor and equipment costs, with the municipality responsible for the material costs.

The next steps in the process are for you to:

- Have your elected body approve the grant award (using the included resolution language included in the attachment).
- Send a signed/approved copy of the resolution.

Once we receive the information, the County Highway Department will (if it has not already) be in contact with your municipality to complete the municipalities requested work. Included in this communication is a copy of a template for you to use for getting approval by the elected body of your municipality (typically done via resolution).

The resolution attachment is in Word, so it can be pasted into the format used by your municipality. Please do not significantly modify or add to the language.

Please contact Aaron Daul at Aaron.Daul@washcowisco.gov if you have questions. Thank you for your partnership.



Roadway Shared Services Washington County

Terms and Conditions 2024

1

Funding the plan



2024 – 2025 budget

~ \$450,000 each year

DISCOVER. CONNECT. PROSPER.

2

History of Work for locals



Work performed for local Municipalities (includes materials)	
Pavement Marking	Mechanic Work
Crack Filling	Pavement Milling
Mastic	Event Message Boards
Culvert Replacement/Lining	Bridge Inspections
Pavement Repairs/patching	Rent Plow truck
Gravel Shoulder Installation	Salt Storage
Ditching	Plowing
Landscaping for ditching	Mowing
Remove Ice from culverts	Roadway Safety and Improvement Planning
Inlet Repair	Speed Studies w/ Traffic Counts
Bird netting on bridges	Road Sweeping
Bridge repairs	Survey Monument Preservation/Replacement
Install road signs	

Materials Sold to local Municipalities

Salt and Salt Storage
Cold Patch
Equipment Parts
Wood Posts
Signs
Salt Brine
Paint

DISCOVER. CONNECT. PROSPER.

3

Work for locals



Work we could perform for local Municipalities (includes materials)	Professional Services for local Municipalities
Guard Rail repair	Intersection Safety Plans
Tree cutting/removal	Roadway Safety Plans
Ditch spraying	2050 Transportation Network Sustainability Plan
Chip Sealing	Construction/Paving Inspection
Equipment Competency Training	PASER Evaluations (WISLR road ratings)
	Permitting
	Culvert Inspection/Training & Data Housing
	Fleet Management

DISCOVER. CONNECT. PROSPER.

4

Funding Distribution



- Washington County would utilize its workforce and equipment to complete projects on the local roadway network.
- Washington County would not charge the local municipality for the administrative, small tool, workforce or equipment charges until the agreed upon funding amount is met.
- The local municipality would only be responsible for material charges, unless they choose to not pass the Roadway Maintenance Shared Services Grant Resolution. In that case, they would also be responsible for the labor and equipment charges to date.
- The Washington County Highway Department will provide a monthly invoice if applicable to the local municipality. The materials will be highlighted on this invoice to pay.
- Twice a year the local municipality governing body will be provided a statement of the shared revenue grant program. The local municipality must take official action on this statement to have the highway department labor and equipment charges forgiven.
- Additionally, Washington County will pay for all bridge inspections

DISCOVER. CONNECT. PROSPER.

5

WCSRP Meeting (December 2023)



1. Elected a chairperson
2. Each municipality had one vote by the chief elected official, simple majority rules.
3. Committee acted to determine how to distribute the \$450,000 annual amount. The formula was set at 70% distributed based on road mileage, and 30% equal share.
4. Municipalities may swap funding with approvals from each municipality.
5. The distribution methodology could change at future WCSRP meetings.

DISCOVER. CONNECT. PROSPER.

6

Funding Amounts for 2024



Total	% Total	Municipality
\$ 33,372	7.4%	T. Addison
\$ 26,139	5.8%	T. Barton
\$ 30,118	6.7%	T. Erin
\$ 34,314	7.6%	T. Farmington
\$ 10,189	2.3%	T. Germantown
\$ 27,283	6.0%	T. Hartford
\$ 29,576	6.5%	T. Jackson
\$ 23,003	5.1%	T. Kewaskum
\$ 30,850	6.8%	T. Polk
\$ 33,803	7.5%	T. Trenton
\$ 30,824	6.8%	T. Wayne
\$ 25,574	5.6%	T. West Bend
\$ 20,832	4.6%	V. Jackson
\$ 10,978	2.4%	V. Newburg
\$ 65,669	14.5%	V. Richfield
\$ 20,127	4.4%	V. Slinger
\$ 452,651	100%	Wash. County

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7

Funding Administration



For 2024:

1. Complete the funding requisition form and provide to Washington County in mid February 2024.
2. Washington County Highway Department will provide cost and workload estimates for the work shortly following submitting funding requisitions.
3. Washington County will review the funding utilized by local municipalities in early September of 2024.
4. The group will reconvene in late September of 2024 to review the funding to date and look for possible projects to complete in 2024.

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8

QUESTIONS



Scott M. Schmidt
Washington County Chief Public Works Officer
900 Lang Street
West Bend, WI 53090
262-335-6881
scott.schmidt@washcowisco.gov

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RESOLUTION #24-14

A RESOLUTION ADOPTING THE 2023 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 Engineer, 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: _____
Anastasia Gonstead - Village Clerk

Proof of Posting:

I the undersigned, certify that I posted this Resolution on posting boards at the Village Hall, Post Office, and one other location in the Village.

Village Official

Date

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

Last Updated: Reporting For:

5/20/2024

2023

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	1.2474	x	307	x	8.34	=	3,196
February	1.3514	x	244	x	8.34	=	2,754
March	1.7616	x	199	x	8.34	=	2,926
April	1.5937	x	208	x	8.34	=	2,767
May	1.0935	x	234	x	8.34	=	2,138
June	0.8753	x	354	x	8.34	=	2,582
July	0.8419	x	393	x	8.34	=	2,759
August	1.0226	x	310	x	8.34	=	2,647
September	0.9687	x	241	x	8.34	=	1,950
October	1.1535	x	242	x	8.34	=	2,326
November	1.0803	x	257	x	8.34	=	2,315
December	1.1458	x	313	x	8.34	=	2,994

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	1	1
February	1	0	0	1	0
March	1	1	0	1	0
April	1	0	0	1	0
May	1	0	0	0	0
June	1	0	0	0	0
July	1	0	0	1	0
August	1	0	0	0	0
September	1	0	0	0	0
October	1	0	0	0	0
November	1	0	0	0	0
December	1	0	0	1	1
Points per each		2	1	3	2
Exceedances		1	0	6	2
Points		2	0	18	4
Total Number of Points					24

24

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

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3. Flow Meter

3.1 Was the influent flow meter calibrated in the last year?

- ☒ Yes Enter last calibration date (MM/DD/YYYY)

2023-09-18

- ☐ 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

162,250

gallons

- ☐ No

Holding Tanks

- ☒ Yes

12,137,950

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

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☐ Yes ☒ No 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.	
--	--

Total Points Generated	24
Score (100 - Total Points Generated)	76
Section Grade	C

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

Last Updated: Reporting For:

5/20/2024

2023

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	5	1	0	0
February	17	15.3	5	1	0	0
March	17	15.3	7	1	0	0
April	17	15.3	17	1	1	1
May	12	10.8	5	1	0	0
June	12	10.8	7	1	0	0
July	12	10.8	5	1	0	0
August	12	10.8	4	1	0	0
September	12	10.8	5	1	0	0
October	12	10.8	6	1	0	0
November	17	15.3	6	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		1	1
Points		7	3
Total number of points			10

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?

Both aeration tanks had air diffusers replaced during that month.

2. Flow Meter Calibration

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

● Yes Enter last calibration date (MM/DD/YYYY)

2023-09-18

○ No

If No, please explain:

3. Treatment Problems

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

Maintenance on aeration tanks. Replaced air diffusers in April 2023.

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

10

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

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If Yes, please explain:

Maintenance on aeration tanks. Replaced air diffusers in April 2023.

4.2 At any time in the past year was there a failure of an effluent acute or chronic whole effluent toxicity (WET) test?

☐ Yes

☒ No

If Yes, please explain:

4.3 If the biomonitoring (WET) test did not pass, were steps taken to identify and/or reduce source(s) of toxicity?

☐ Yes

☐ No

☒ N/A

Please explain unless not applicable:

Total Points Generated	10
Score (100 - Total Points Generated)	90
Section Grade	B

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

Last Updated: Reporting For:

5/20/2024

2023

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	4	1	0	0
February	12	10.8	3	1	0	0
March	12	10.8	4	1	0	0
April	12	10.8	6	1	0	0
May	12	10.8	2	1	0	0
June	12	10.8	4	1	0	0
July	12	10.8	3	1	0	0
August	12	10.8	2	1	0	0
September	12	10.8	2	1	0	0
October	12	10.8	3	1	0	0
November	12	10.8	3	1	0	0
December	12	10.8	2	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?

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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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 Exceed ance	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 Exceed ance
January	7	14	1.515	0	1.668	2.748	1.22	1.015	0
February	7	14	.729	0	.633	.718	.768	.798	0
March	7	14	2.263	0	.403	.445	.625	7.318	0
April	4.3	8.5	6.252	1	3.06	7.83	6.5	8.892	1
May	5.7	7.4	.302	0	.405	.343	.378	.135	0
June	3.9	5	.605	0	.165	.303	1.295	.528	0
July	3.9	5	.183	0	.16	.15	.125	.158	0
August	3.9	5	.191	0	.243	.235	.128	.19	0
September	3.9	5	.169	0	.16	.175	.168	.175	0
October	4.3	8.4	.209	0	.15	.125	.49	.123	0
November	7	13	.18	0	.115	.435	.11	.118	0
December	7	12	.105	0	.075	.123	.093	.113	0
Points per each exceedance of Monthly average:									10
Exceedances, Monthly:									1
Points:									10
Points per each exceedance of weekly average (when there is no monthly average):									2.5
Exceedances, Weekly:									1
Points:									0
Total Number of Points									10

10

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?

Replaced aeration diffusers.

Total Points Generated	10
Score (100 - Total Points Generated)	90
Section Grade	B

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

Last Updated: Reporting For:

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2023

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	0.668	1	0
February	.85	0.716	1	0
March	.85	0.597	1	0
April	.85	0.697	1	0
May	.85	0.675	1	0
June	.85	0.636	1	0
July	.85	0.684	1	0
August	.85	0.714	1	0
September	.85	0.692	1	0
October	.85	0.828	1	0
November	.85	0.811	1	0
December	.85	0.808	1	0
Months of Discharge/yr			12	
Points per each exceedance with 12 months of discharge:				10
Exceedances				0
Total Number of Points				0

0

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?

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

Last Updated: Reporting For:

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2023

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				<46.5										0	0
Cadmium		39	85				<3.1										0	0
Copper		1500	4300				437										0	0
Lead		300	840				<31										0	0
Mercury		17	57				.176										0	0
Molybdenum	60		75				8.89									0		0
Nickel	336		420				10.8									0		0
Selenium	80		100				<62									0		0
Zinc		2800	7500				443										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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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?

0

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.

Outfall Number:	002
Biosolids Class:	B
Bacteria Type and Limit:	Fecal Coliform
Sample Dates:	01/01/2023 - 12/31/2023
Density:	11,000
Sample Concentration Amount:	MPN/G TS
Requirement Met:	Yes
Land Applied:	Yes
Process:	Anaerobic Digestion
Process Description:	anaerobic digestion

0

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?

☐ Yes (40 Points)

☒ No

If yes, what action was taken?

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.

Outfall Number:	002
Method Date:	12/31/2023
Option Used To Satisfy Requirement:	Injection when land apply
Requirement Met:	Yes
Land Applied:	Yes
Limit (if applicable):	
Results (if applicable):	

0

5.2 Was the limit exceeded or the process criteria not met at the time of land application?

☐ Yes (40 Points)

☒ No

If yes, what action was taken?

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?

☒ >= 180 days (0 Points)

☐ 150 - 179 days (10 Points)

☐ 120 - 149 days (20 Points)

☐ 90 - 119 days (30 Points)

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☐ < 90 days (40 Points) ☐ N/A (0 Points) 6.2 If you checked N/A above, explain why.	0
7. Issues 7.1 Describe any outstanding biosolids issues with treatment, use or overall management: No issues at this time.	

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

Compliance Maintenance Annual Report

Jackson Wastewater Treatment Plant

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5/20/2024 **2023**

Staffing and Preventative Maintenance (All Treatment Plants)

1. Plant Staffing 1.1 Was your wastewater treatment plant adequately staffed last year? ● Yes ○ No If No, please explain: Could use more help/staff for: 1.2 Did your wastewater staff have adequate time to properly operate and maintain the plant and fulfill all wastewater management tasks including recordkeeping? ● Yes ○ No If No, please explain:	
2. Preventative Maintenance 2.1 Did your plant have a documented AND implemented plan for preventative maintenance on major equipment items? ● Yes (Continue with question 2) □□ ○ No (40 points)□□ If No, please explain, then go to question 3: 2.2 Did this preventative maintenance program depict frequency of intervals, types of lubrication, and other tasks necessary for each piece of equipment? ● Yes ○ No (10 points) 2.3 Were these preventative maintenance tasks, as well as major equipment repairs, recorded and filed so future maintenance problems can be assessed properly? ● Yes ○ Paper file system ○ Computer system ● Both paper and computer system ○ No (10 points)	0
3. O&M Manual 3.1 Does your plant have a detailed O&M and Manufacturer Equipment Manuals that can be used as a reference when needed? ● Yes ○ No	
4. Overall Maintenance /Repairs 4.1 Rate the overall maintenance of your wastewater plant. ○ Excellent ● Very good ○ Good ○ Fair ○ Poor Describe your rating: If there is a problem, we address the problem right away.	

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Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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5/20/2024

2023

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	NA	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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☐ An arrangement with another certified operator ☐ An arrangement with another community with a certified operator ☒ An operator on staff who has an operator-in-training certificate for your plant and is expected to be certified within one year ☒ A consultant to serve as your certified operator ☐ None of the above (20 points) If "None of the above" is selected, please explain: 	0
4. Continuing Education Credits 4.1 If you had a designated operator-in-charge, was the operator-in-charge earning Continuing Education Credits at the following rates? OIT and Basic Certification: ☐ Averaging 6 or more CECs per year. ☐ Averaging less than 6 CECs per year. Advanced Certification: ☒ Averaging 8 or more CECs per year. ☐ Averaging less than 8 CECs per year.	

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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2023

Financial Management

1. Provider of Financial Information Name: Brian Kober Telephone: 414-333-9696 (XXX) XXX-XXXX E-Mail Address (optional): brian.kober@villageofjacksonwi.gov		
2. Treatment Works Operating Revenues 2.1 Are User Charges or other revenues sufficient to cover O&M expenses for your wastewater treatment plant AND/OR collection system ? ● Yes (0 points) ☐ ☐ ○ No (40 points) If No, please explain: 2.2 When was the User Charge System or other revenue source(s) last reviewed and/or revised? Year: 2023 ● 0-2 years ago (0 points) ☐ ☐ ○ 3 or more years ago (20 points) ☐ ☐ ○ N/A (private facility) 2.3 Did you have a special account (e.g., CWFP required segregated Replacement Fund, etc.) or financial resources available for repairing or replacing equipment for your wastewater treatment plant and/or collection system? ● Yes (0 points) ○ No (40 points)		0
REPLACEMENT FUNDS [PUBLIC MUNICIPAL FACILITIES SHALL COMPLETE QUESTION 3]		
3. Equipment Replacement Funds 3.1 When was the Equipment Replacement Fund last reviewed and/or revised? Year: 2023 ● 1-2 years ago (0 points) ☐ ☐ ○ 3 or more years ago (20 points) ☐ ☐ ○ N/A If N/A, please explain: 3.2 Equipment Replacement Fund Activity 3.2.1 Ending Balance Reported on Last Year's CMAR \$ 1,542,026.01 3.2.2 Adjustments - if necessary (e.g. earned interest, audit correction, withdrawal of excess funds, increase making up previous shortfall, etc.) - \$ 9,972.18 3.2.3 Adjusted January 1st Beginning Balance \$ 1,532,053.83 3.2.4 Additions to Fund (e.g. portion of User Fee, earned interest, etc.) + \$ 273,600.00		

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

- \$ 502,850.78

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

\$ 1,302,803.05

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.

Replaced 2011 Vac/Jetter truck with new GapVac Vac/Jetter truck.

3.3 What amount should be in your Replacement Fund? \$ 273,600.00

0

Please note: If you had a CWFP 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

5. Financial Management General Comments

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: 1

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	Electricity Consumed (kWh)	Natural Gas Consumed (therms)
January	329	
February	313	
March	406	
April	424	
May	323	
June	247	
July	240	
August	225	
September	219	
October	217	
November	304	
December	333	
Total	3,580	0
Average	298	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

Year:

2023

By Whom:

Foth Infrastructure and Environment LLC

Describe and Comment:

Lift Station Study to see if the pump size was adequate.

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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?

No plans at this time.

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	108,240	38.67	2,799	99.08	1,092	2,620
February	101,120	37.84	2,672	77.11	1,311	3,687
March	111,280	54.61	2,038	90.71	1,227	1,943
April	100,000	47.81	2,092	83.01	1,205	1,146
May	90,640	33.90	2,674	66.28	1,368	1,113
June	81,280	26.26	3,095	77.46	1,049	956
July	93,840	26.10	3,595	85.53	1,097	739
August	98,960	31.70	3,122	82.06	1,206	609
September	89,840	29.06	3,092	58.50	1,536	507
October	80,560	35.76	2,253	72.11	1,117	756
November	104,800	32.41	3,234	69.45	1,509	2,210
December	124,640	35.52	3,509	92.81	1,343	2,613
Total	1,185,200	429.64		954.11		18,899
Average	98,767	35.80	2,848	79.51	1,255	1,575

7.1.2 Comments:

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

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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:

By Whom:

Describe and Comment:

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Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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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:

Cleaning and Televising, Lateral Inspections, Manhole Inspections

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?

Sewer Use Ordinance

If you have a Sewer Use Ordinance or other similar document, when was it last reviewed and revised? (MM/DD/YYYY) 2017-05-09

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	3.9	% of system/year
Root removal	0	% of system/year
Flow monitoring	75.0	% of system/year
Smoke testing	0	% of system/year
Sewer line televising	10.9	% of system/year
Manhole inspections	13.5	% of system/year
Lift station O&M	2	# per L.S./year
Manhole rehabilitation	3.6	% of manholes rehabbed
Mainline rehabilitation	1.0	% of sewer lines rehabbed
Private sewer inspections	8.2	% of system/year
Private sewer I/I removal	2.8	% of private services

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River or water crossings

0

% 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.

27.17	Total actual amount of precipitation last year in inches
34.3	Annual average precipitation (for your location)
43.6	Miles of sanitary sewer
1	Number of lift stations
0	Number of lift station failures
0	Number of sewer pipe failures
0	Number of basement backup occurrences
0	Number of complaints
1.17	Average daily flow in MGD (if available)
1.92	Peak monthly flow in MGD (if available)
	Peak hourly flow in MGD (if available)

3.2 Performance ratios for the past year:

0.00	Lift station failures (failures/year)
0.00	Sewer pipe failures (pipe failures/sewer mile/yr)
0.00	Sanitary sewer overflows (number/sewer mile/yr)
0.00	Basement backups (number/sewer mile)
0.00	Complaints (number/sewer mile)
1.6	Peaking factor ratio (Peak Monthly:Annual Daily Avg)
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:

We replaced 77 Laterals in 2023

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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5.3 Explain any infiltration/inflow (I/I) changes this year from previous years: Found most of the laterals leaking on Hwy 60, when we did our road project. 5.4 What is being done to address infiltration/inflow in your collection system? As we find them, we repair them.	
--	--

Total Points Generated	0
Score (100 - Total Points Generated)	100
Section Grade	A

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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	C	2	3	6
BOD/CBOD	B	3	10	30
TSS	A	4	5	20
Ammonia	B	3	5	15
Phosphorus	A	4	3	12
Biosolids	A	4	5	20
Staffing/PM	A	4	1	4
OpCert	A	4	1	4
Financial	A	4	1	4
Collection	A	4	3	12
TOTALS			37	127
GRADE POINT AVERAGE (GPA) = 3.43				

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)

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Resolution or Owner's Statement

Name of Governing
Body or Owner:

Village of Jackson

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 = C

Effluent Quality: BOD: Grade = B

Effluent Quality: TSS: Grade = A

Effluent Quality: Ammonia: Grade = B

Effluent Quality: Phosphorus: Grade = A

Biosolids Quality and Management: Grade = A

Staffing: Grade = A

Operator Certification: Grade = A

Financial Management: Grade = A

Collection Systems: Grade = A

(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

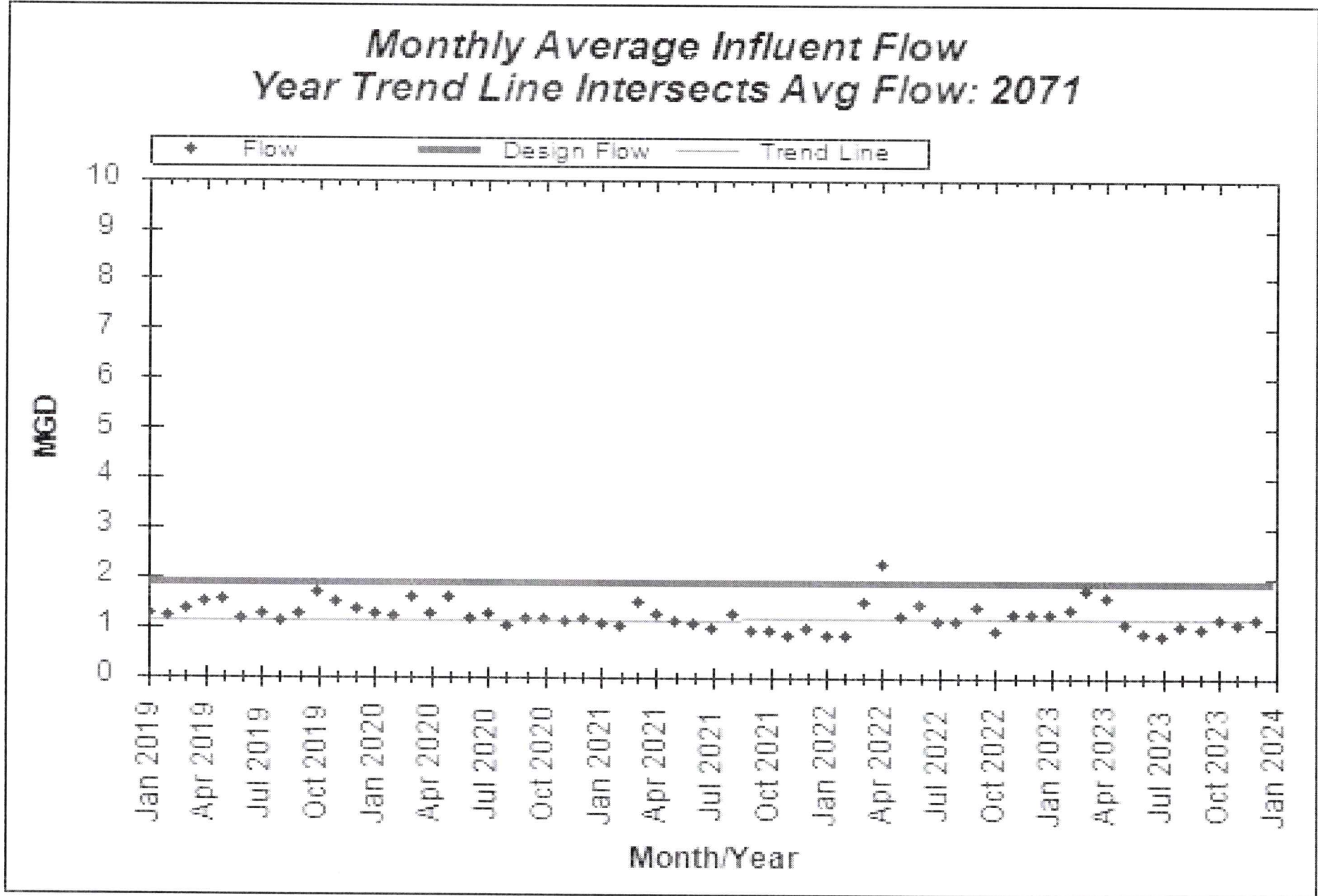
(Optional for G.P.A. greater than or equal to 3.00, required for G.P.A. less than 3.00)

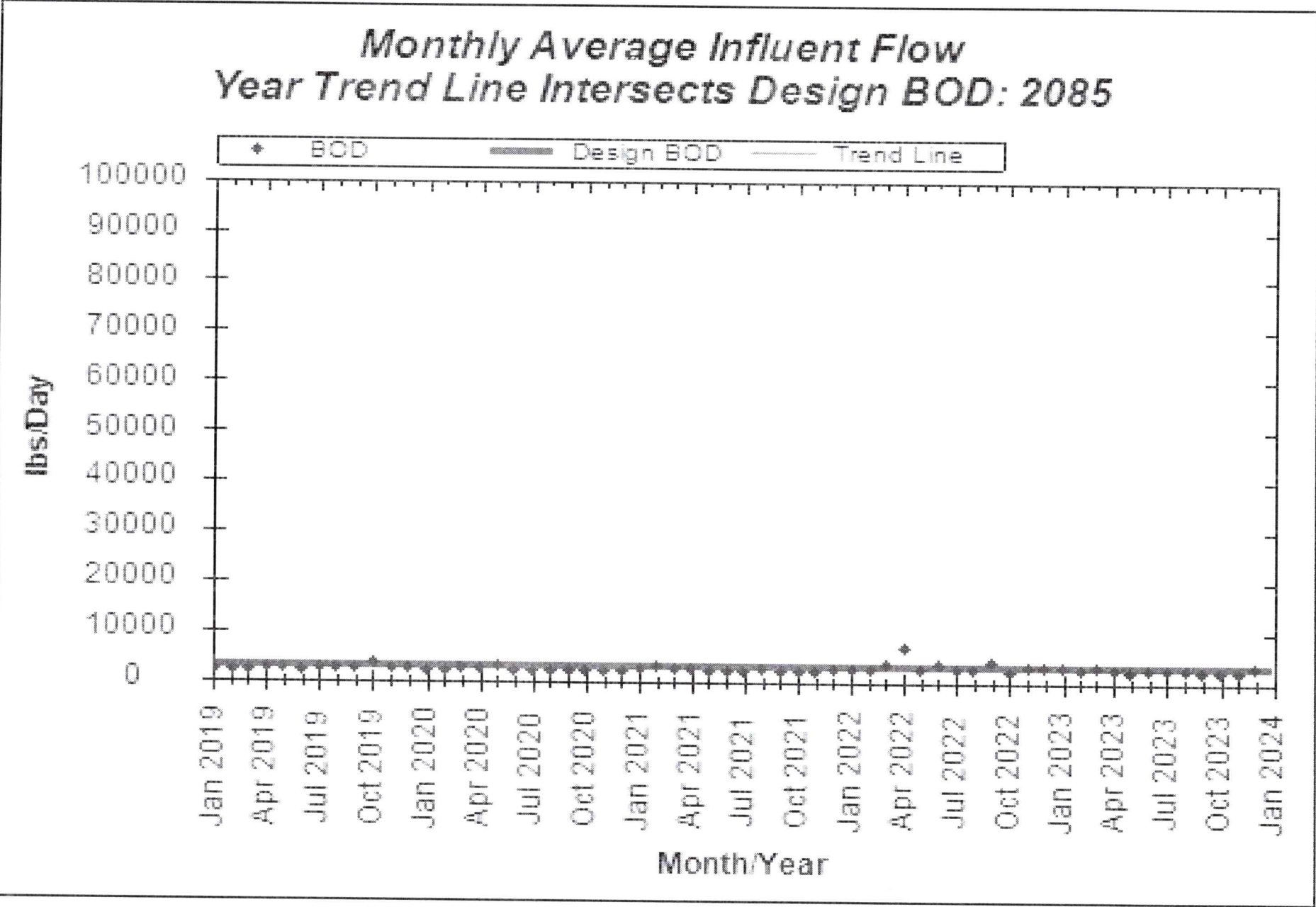
G.P.A. = 3.43

Jackson Wastewater Treatment Plant

Linear equation uses 2004 - 2023 CMAR data

for Trend Line: $y = 0.000041x - 0.69$

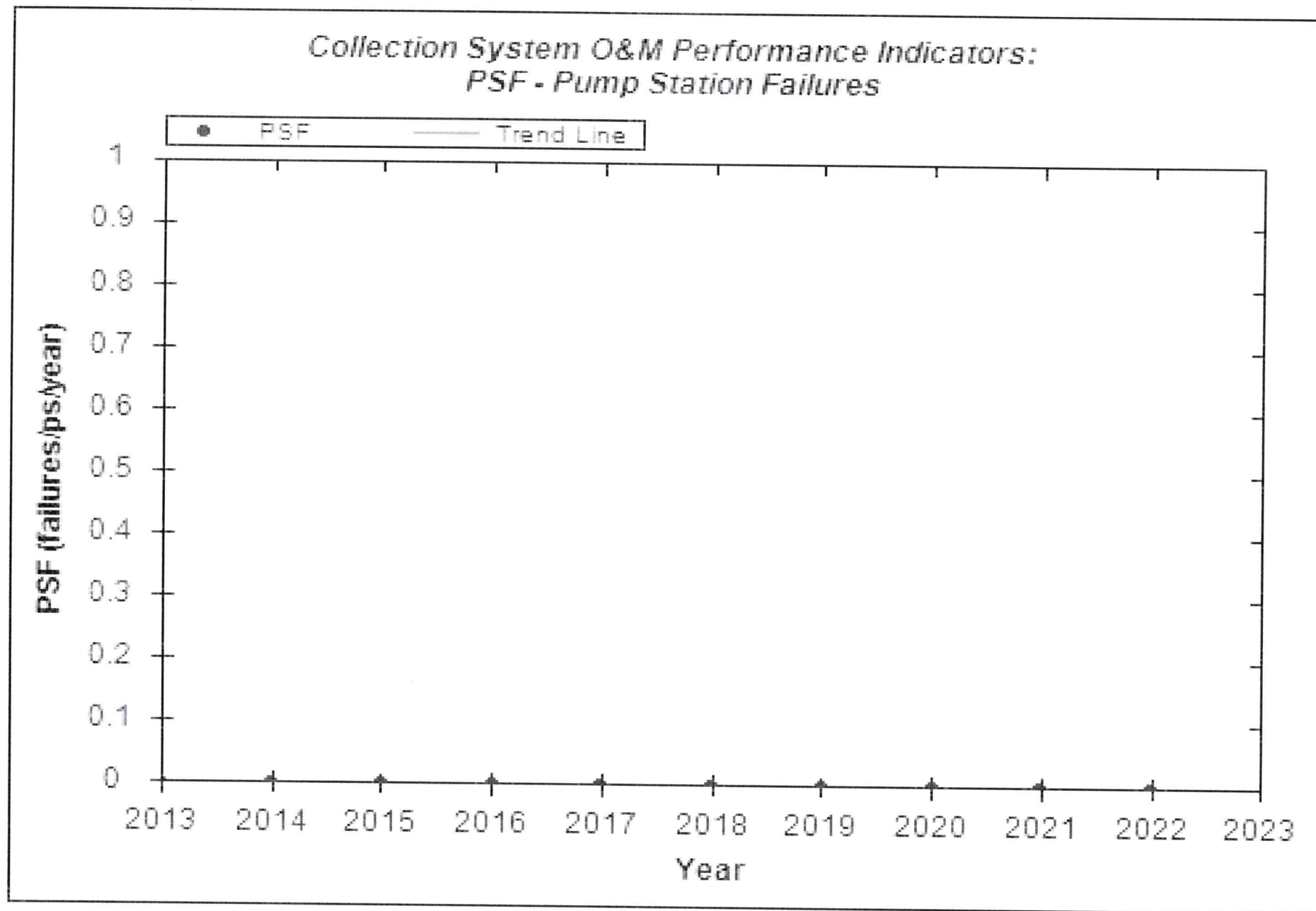




Jackson Wastewater Treatment Plant

Linear equation uses 2013 - 2023 CMAR data

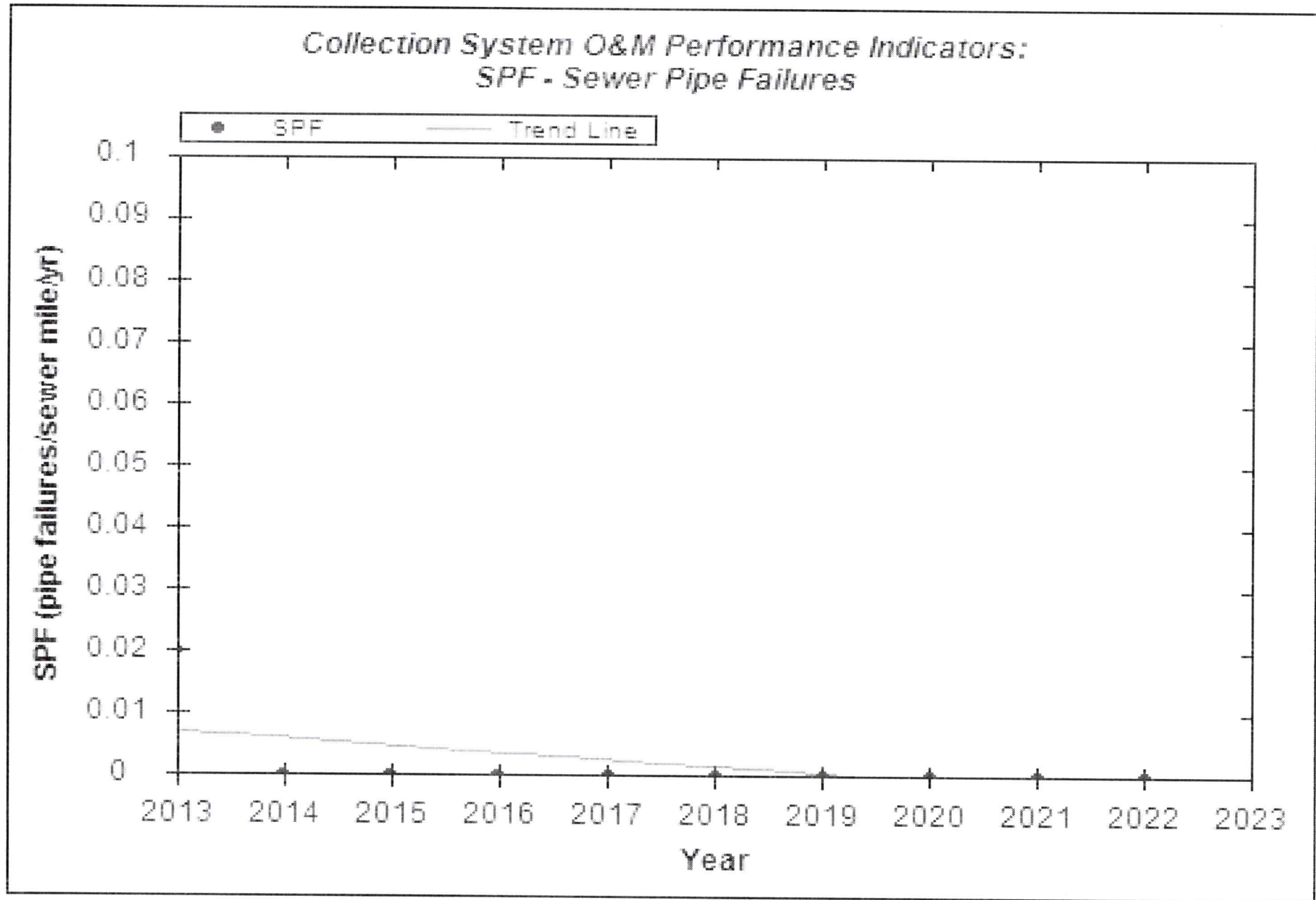
for Trend Line: PSF: $y = 0x + 0$



Jackson Wastewater Treatment Plant

Linear equation uses 2013 - 2023 CMAR data

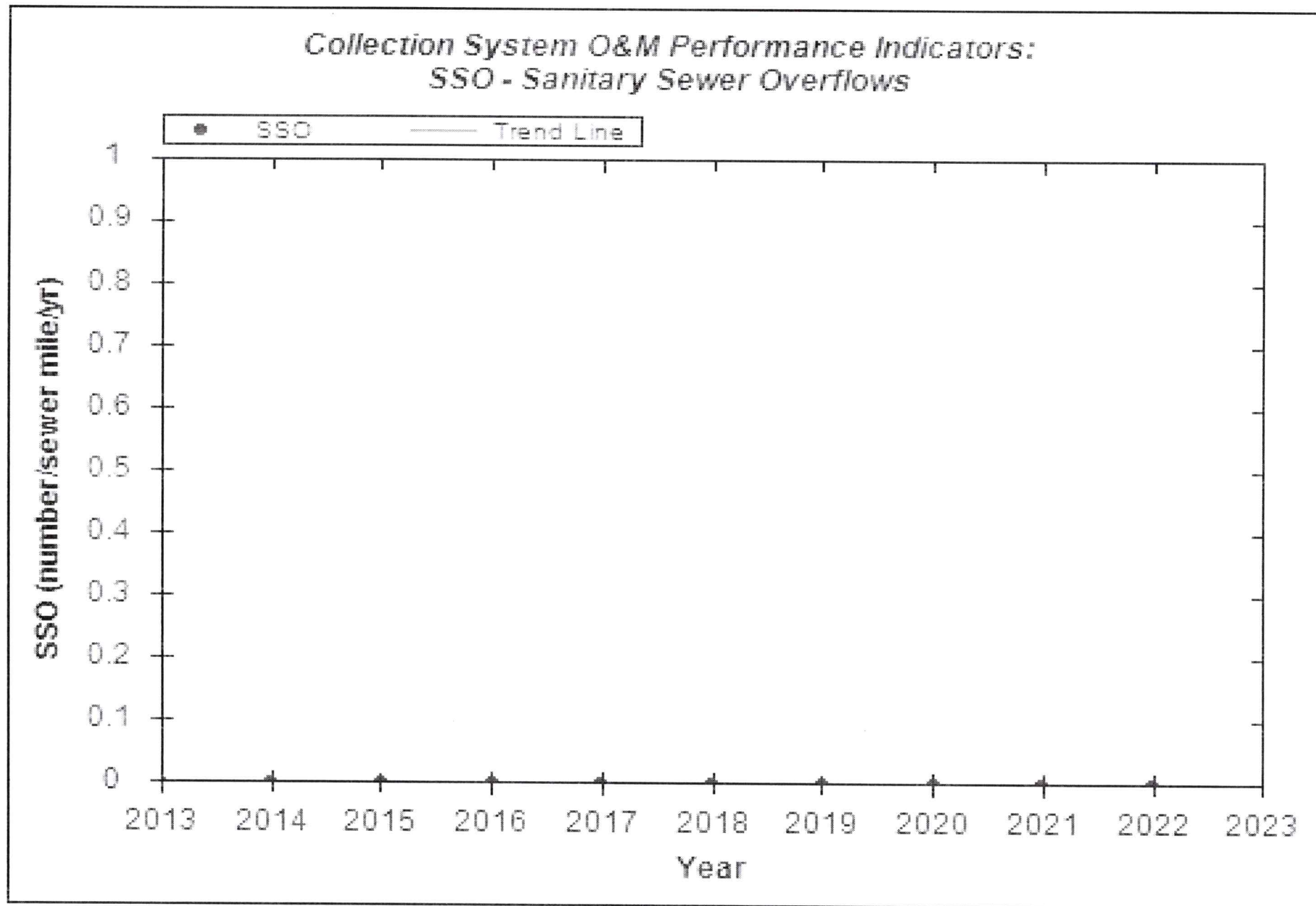
for Trend Line: SPF: $y = -0.000003x + 0.13$



Jackson Wastewater Treatment Plant

Linear equation uses 2013 - 2023 CMAR data

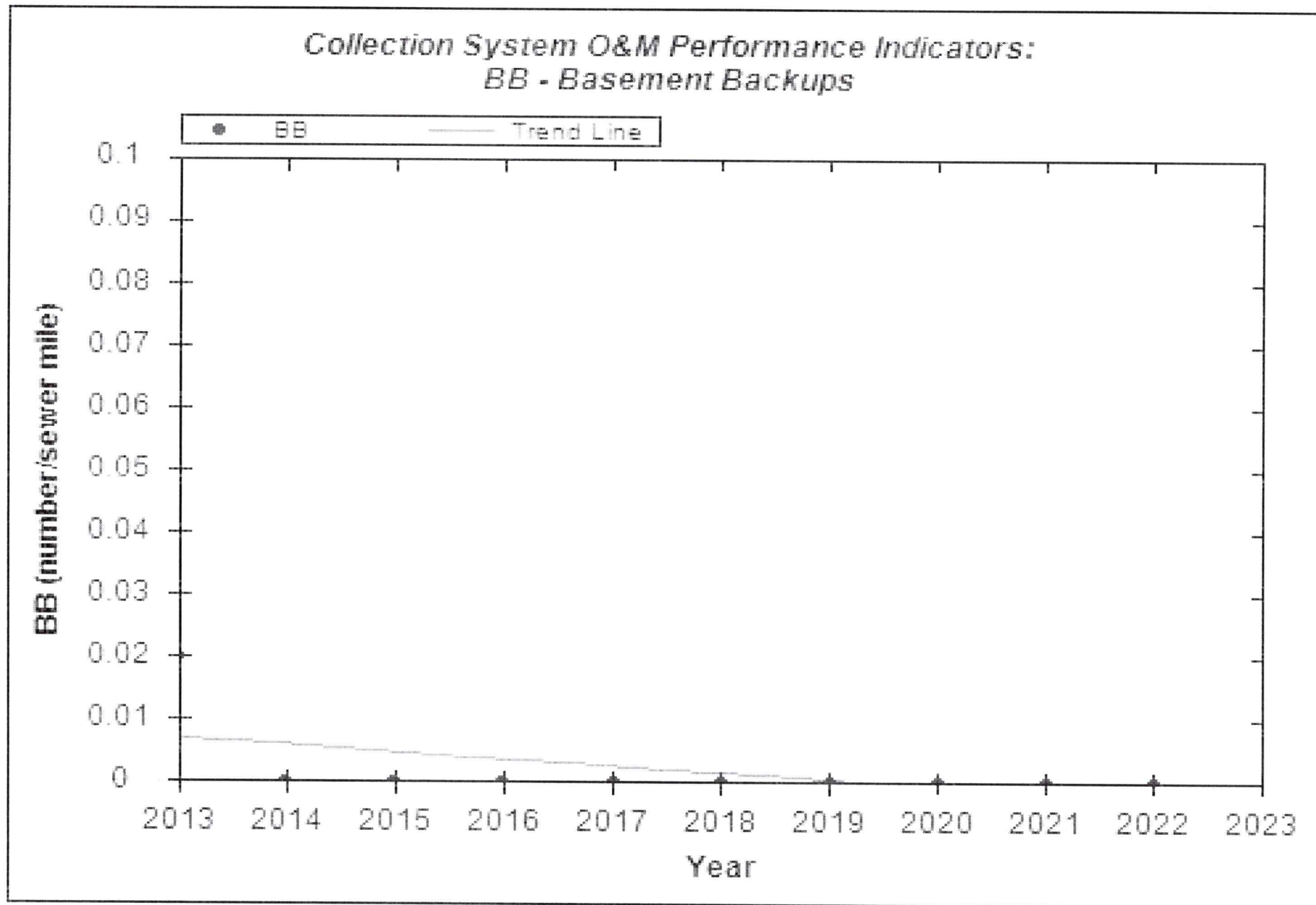
for Trend Line: SSO: $y = 0x + 0$



Jackson Wastewater Treatment Plant

Linear equation uses 2013 - 2023 CMAR data

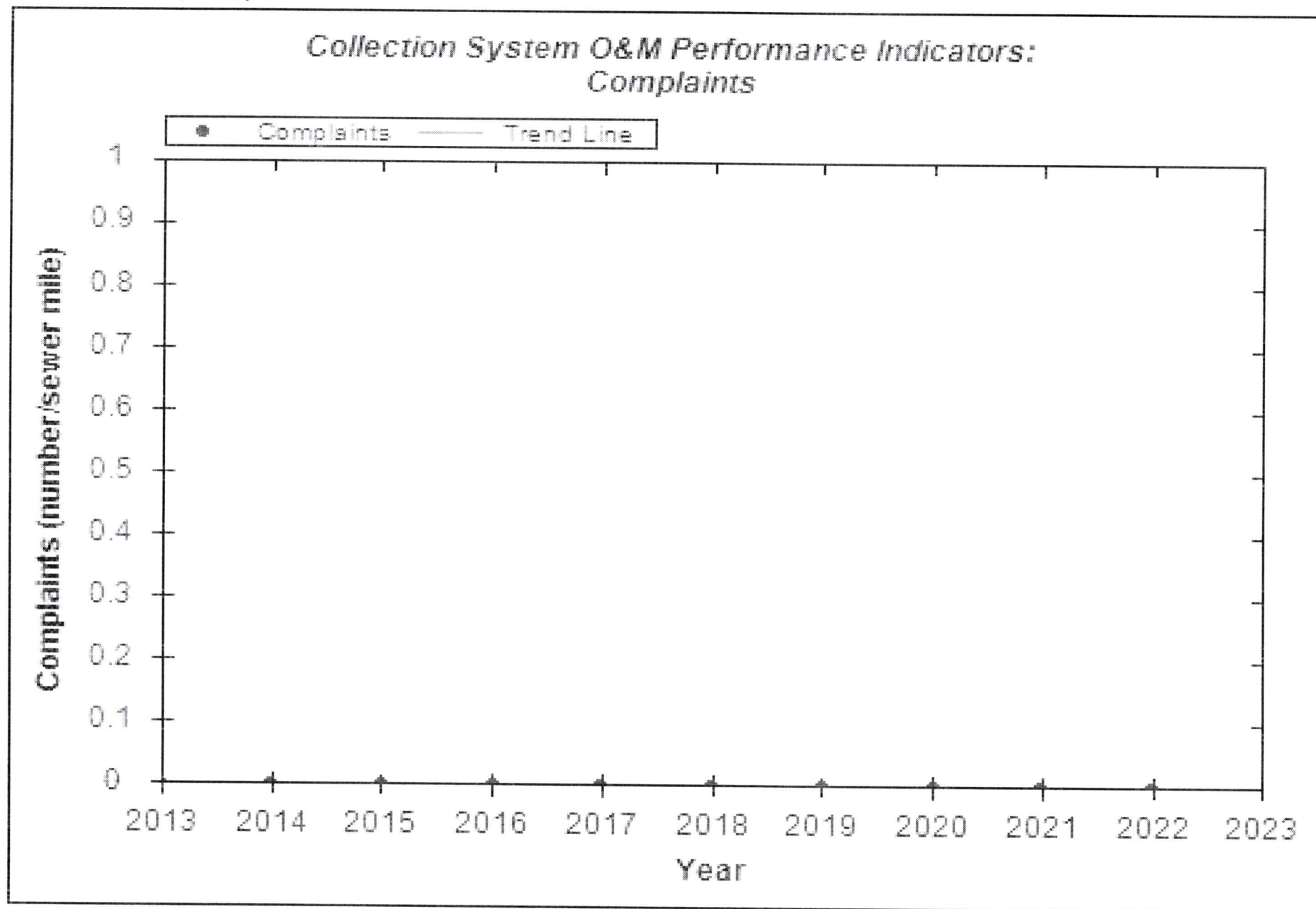
for Trend Line: BB: $y = -0.000003x + 0.13$



Jackson Wastewater Treatment Plant

Linear equation uses 2013 - 2023 CMAR data

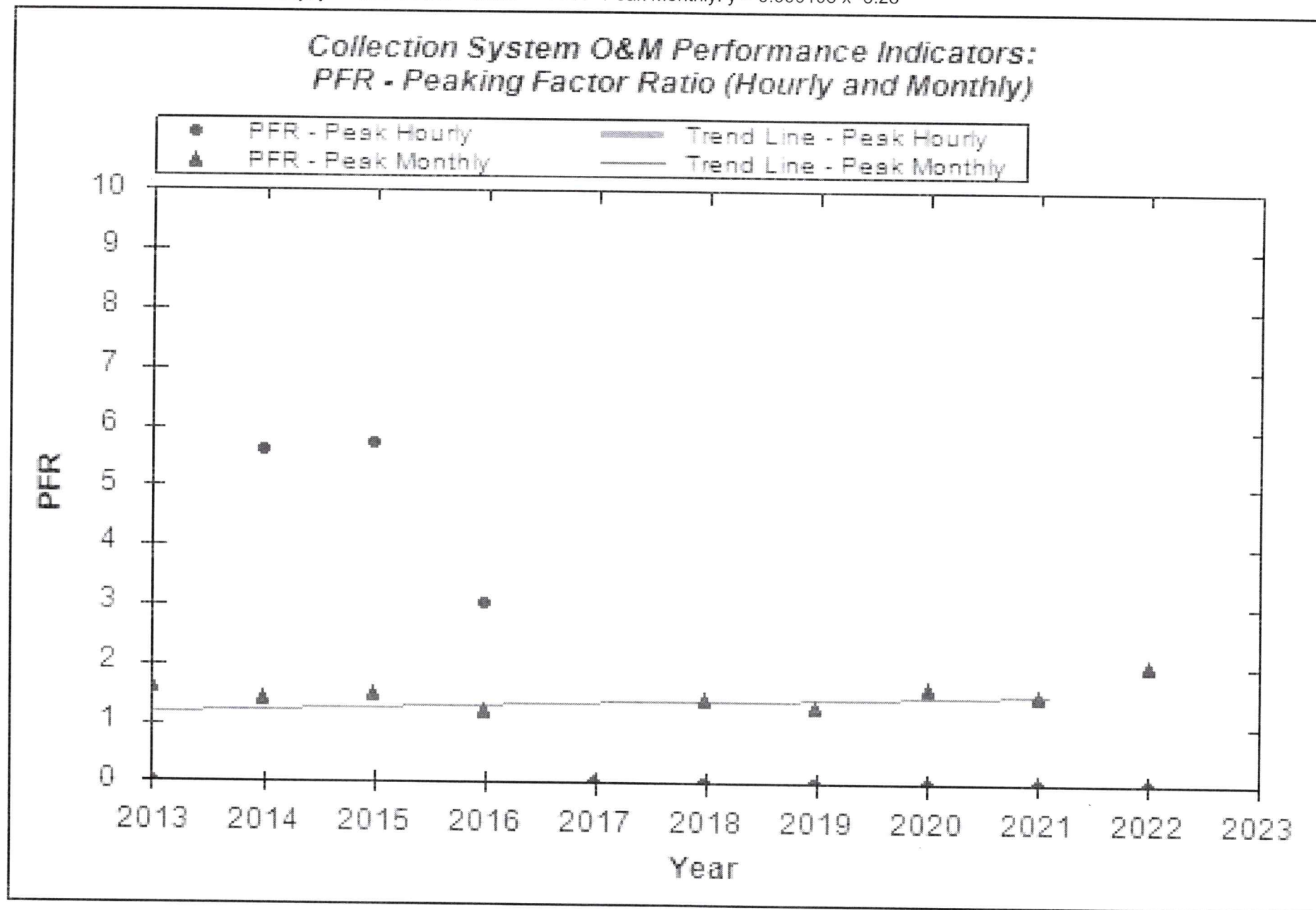
for Trend Line: Complaints: $y = 0x + 0$



Jackson Wastewater Treatment Plant

Linear equations use 2013 - 2023 CMAR data

for Trend Lines: PFR - Peak Hourly: $y = -0.001273x + 56.06$ PFR - Peak Monthly: $y = 0.000108x - 3.28$





Drinking Water Report

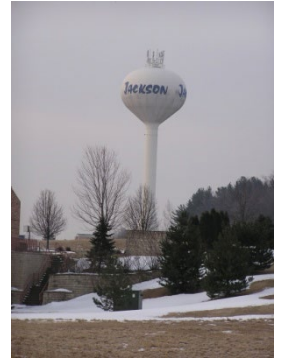
2023 Consumer Confidence Report

Jackson Water Utility

W194 N16660 Eagle Dr

Jackson, WI. 53037

jeff.kreutzinger@villageofjacksonwi.gov



The Jackson Water Utility is pleased to provide you with the 2023 Drinking Water Report. We want to keep you informed about the quality of water and services that are delivered to you every day. We are committed to serving our users by meeting the daily challenges of providing a safe and adequate supply of water in all circumstances.

WATER SOURCE - 100% ground water, obtained from five (5) active producing wells, which two (2) of the wells are artesian flowing. Other facilities include two (2) water towers for a combined storage capacity of 750,000 gallons and one (1) booster station. The utility uses chlorine as a disinfecting agent and adds a blended phosphate to the drinking water. This blend of phosphates is a sequestering agent used to control red water, discoloration, scale deposits, and corrosion of watermain, service lines and plumbing. Phosphorus is a major component in a person's diet and is found in almost all foods. The National Sanitation Foundation and the Underwriters Laboratories approve this food grade formula for use in public drinking water. The utility also maintains a total of approximately 52 miles of water main and 3574 customers connected to those mains. In 2022, the water utility pumped a total of 222 million gallons of water.

HEALTH and EDUCATION – The sources of drinking water, both tap water and bottled water, include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels through the ground, it dissolves naturally occurring minerals, and in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. All sources of drinking water are subject to potential contamination by constituents that are naturally occurring or are manmade. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials. Please remember that the presence of these constituents does not necessarily pose a health risk. The *Jackson Water Utility* routinely monitors for constituents in your drinking water according to Federal and State laws. The following table shows the results of our monitoring as of December 31st, 2023. All drinking water may be reasonably expected to contain at least small amounts of some constituents. Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/ AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/ CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

WATER SYSTEM INFORMATION AND OPPORTUNITIES FOR INPUT - The Jackson Water Utility is pleased to report that the drinking water is safe and meets federal and state requirements. If you have any questions about this report or your water utility, please contact *Brian Kober, P.E., Director of Public Works* or *Jeff Kreutzinger, Water Superintendent* at 262-677-0707 ext 214. The Jackson Water Utility wants the valued customers to be informed about their water utility. In the continuing efforts to maintain a safe and dependable water supply, there may be times necessary to make improvements to the water system. The costs of these improvements may be reflected in the rate structure. Rate adjustments may be necessary in order to address these improvements. Also, you are invited to attend any of our regularly scheduled Village Board meetings. Village board meets the second Tuesday of each month at 7:30 PM, and the Board of Public Works meets the last Tuesday of each month at 6:00 PM.

Thank you for allowing the Jackson Water Utility to continue providing you with clean, quality water. The Jackson Water Utility works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which is the heart of our community, our way of life and our children's future.

DEFINITIONS - In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/ l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter (ug/ l) - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Parts per trillion (ppt) or Nanograms per liter (nanograms/l) - one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

Parts per quadrillion (ppq) or Picograms per liter (picograms/l) - one part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in \$10,000,000,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Millirems per year (mrem/yr) - measure of radiation absorbed by the body.

Million Fibers per Liter (MFL) - million fibers per liter is a measure of the presence of asbestos fibers that are longer than 10 micrometers.

Nephelometric Turbidity Unit (NTU) - nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Action Level (AL) the concentration of a contaminant, which, if exceeded, triggers treatment or other requirements that a water system must follow.

Treatment Technique (TT) - (mandatory language) A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - (mandatory language) The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal - (mandatory language) The "Goal"(MCLG) is the level of a contaminant in drinking water below that there is no known or expected risk to health. MCLG's allow for a margin of safety.

Maximum residual disinfectant level – (MRDL) The highest level of disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfection is necessary for control of microbial contaminants.

Maximum residual disinfectant level goal – (MRDLG) The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG's do not reflect the benefits of the use of disinfectants to control microbial contaminants.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Total Coliform: The Total Coliform Rule (TCR) requires water systems to meet a stricter limit for coliform bacteria. Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public by newspaper, television or radio. To comply with the stricter regulation, we have increased the average amount of chlorine in the distribution system.

Nitrates: As a precaution we always notify physicians and health care providers in this area if there is ever a higher than normal level of nitrates in the water supply.

Lead: Lead in drinking water is rarely the sole cause of lead poisoning, but it can add to a person's total lead exposure. All potential sources of lead in the household should be identified and removed, replaced or reduced.

Hardness: Water described as "hard" is high in dissolved minerals, specifically calcium and magnesium. Hard water is not a health risk, but a nuisance because of mineral buildup on plumbing fixtures and poor soap and/ or detergent performance.

What is the hardness level of Jackson's Municipal Water System? Jackson's water hardness is 22 grains/gallon or 380 parts/million; the iron content is 0.4 milligrams per liter or 1/2 part/million.

Detected Contaminants

Your water was tested for many contaminants last year. We are allowed to monitor for some contaminants less frequently than once a year. The following tables list only those contaminants which were detected in your water. If a contaminant was detected last year, it will appear in the following tables without a sample date. If the contaminant was not monitored last year, but was detected within the last 5 years, it will appear in the tables below along with the sample date.

Disinfection Byproducts

Contaminant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2023)	Violation	Typical Source of Contaminant
HAA5 (ppb)	B-11	60	60	1	1		No	By-product of drinking water chlorination
TTHM (ppb)	B-11	80	0	3.7	3.7		No	By-product of drinking water chlorination

Inorganic Contaminants

Contaminant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2023)	Violation	Typical Source of Contaminant
ARSENIC (ppb)		10	n/a	7	2 - 7		No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
BARIUM (ppm)		2	2	0.079	0.066 - 0.079		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
FLUORIDE (ppm)		4	4	0.2	0.2 - 0.2		No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

Contami- nant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2023)	Vio- la- tion	Typical Source of Contaminant
NICKEL (ppb)		100		1.4000	0.0000 - 1.4000		No	Nickel occurs naturally in soils, ground water and surface waters and is often used in electroplating, stain- less steel and alloy products.
NITRATE (N03-N) (ppm)		10	10	2.70	0.00 - 2.70		No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
SODIUM (ppm)		n/a	n/a	21.00	8.40 - 21.00		No	n/a

Contami- nant (units)	Action Level	MCLG	90th Percen- tile Level Found	# of Re- sults	Sample Date (if prior to 2023)	Vio- la- tion	Typical Source of Contaminant
COPPER (ppm)	AL=1.3	1.3				No	Corrosion of household plumbing systems; Erosion of natural depos- its; Leaching from wood preserva- tives
LEAD (ppb)	AL=15	0				No	Corrosion of household plumbing systems; Erosion of natural deposits

Radioactive Contaminants

Contaminant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2023)	Viola- tion	Typical Source of Contaminant
GROSS ALPHA, EXCL. R & U (pCi/l)		15	0	2.1	0.0 - 2.1	9/15/2020	No	Erosion of natural deposits
RADIUM, (226 + 228) (pCi/l)		5	0	1.3	0.0 - 1.3	9/15/2020	No	Erosion of natural deposits
COMBINED URA- NIUM (ug/l)		30	0	0.6	0.0 - 0.6	10/19/2020	No	Erosion of natural deposits

Additional Health Information

While your drinking water meets USEPA's standard for **arsenic**, it does contain low levels of arsenic. USEPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. USEPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Jackson Waterworks is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at www.epa.gov/safewater/lead.

Other Compliance

Monitoring Violations

Description	Contaminant Group	Sample Location	Compliance Period Beginning	Compliance Period Ending
PBCU M/R Tap Follow/Routine	Lead and Copper	Distribution System	6/1/2023	9/30/2023

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not your drinking water meets health standards. During the compliance period noted in the above table, we did not complete all monitoring or testing for the contaminant(s) noted, and therefore cannot be sure of the quality of your drinking water during that time.

Actions Taken

The Village of Jackson Water Utility is required by the DNR to take twenty (20) lead and copper samples every three (3) years from twenty (20) designated sites. One (1) sample was taken from a past site which was no approved site which caused the violation. Twenty (20) new samples will be taken 2024 to be in compliance with the lead and copper rule.

Application and Certificate for Payment

TO OWNER: Village of Jackson N168 W19851 Main Street Jackson, WI 53037	PROJECT: Jackson Tertiary Filters W194N16658 Eagle Drive Jackson, WI 53037	APPLICATION NO: 3 PERIOD TO: 5/15/2024 CONTRACT FOR: Jackson Tertiary Filters CONTRACT DATE: 3/11/2024 PROJECT NOS: / / INVOICE NO: 12386	Distribution to: OWNER ☐ ARCHITECT ☐ CONTRACTOR ☐ FIELD ☐ OTHER ☐
FROM CONTRACTOR: J.H. HASSINGER, INC. N60 W16289 Kohler Lane Menomonee Falls, WI 53051	VIA ARCHITECT:		

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. AIA Document G703™, Continuation Sheet, is attached.

1. ORIGINAL CONTRACT SUM	\$ 4,715,248.00
2. NET CHANGE BY CHANGE ORDERS	\$ 0.00
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$ 4,715,248.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$ 133,500.00
5. RETAINAGE:	
a. <u>5</u> % of Completed Work (Columns D + E on G703)	\$ 6,675.00
b. <u>0</u> % of Stored Material (Column F on G703)	\$ 0.00
Total Retainage (Lines 5a + 5b, or Total in Column I of G703)	\$ 6,675.00
6. TOTAL EARNED LESS RETAINAGE	\$ 126,825.00
(Line 4 minus Line 5 Total)	
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT	\$ 95,475.00
(Line 6 from prior Certificate)	
8. CURRENT PAYMENT DUE	\$ 31,350.00
9. BALANCE TO FINISH, INCLUDING RETAINAGE	\$ 4,588,423.00
(Line 3 minus Line 6)	

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$	0.00	0.00
Total approved this month	\$	0.00	0.00
TOTAL	\$	0.00	0.00
NET CHANGES by Change Order	\$	0.00	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: J.H. HASSINGER, INC.

By: _____

State of: WI

County of: Waukesha

Subscribed and sworn to before me this 15th day of May 2024

Notary Public: Shelly Ritzow

My commission expires: 8/1/2024



ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ 31,350.00

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By: _____

Date: 5/17/24

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

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CONTINUATION SHEET

AIA DOCUMENT G703 (Instructions on reverse side)

PAGE OF PAGES

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT,

containing Contractor's signed Certification, is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO.:

APPLICATION DATE:

PERIOD TO:

ARCHITECT'S PROJECT NO.:

3

5/16/2024

5/15/2024

Page 2

ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D + E + F)		BALANCE TO FINISH (C - G)	RETAINAGE (IF VARIABLE) RATE
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD			% (G ÷ C)		
1	General Conditions	155,178.00	10,500.00	7,000.00	0.00	17,500.00	11	137,678.00	875.00
2	Bonds and Insurance	90,000.00	90,000.00	0.00	0.00	90,000.00	100	0.00	4,500.00
3	Mobilization	20,000.00	0.00	6,000.00	0.00	6,000.00	30	14,000.00	300.00
4	Demolition	64,636.00	0.00	0.00	0.00	0.00	0	64,636.00	0.00
5	Excavation and Shoring	280,000.00	0.00	20,000.00	0.00	20,000.00	7	260,000.00	1,000.00
6	Paving	27,000.00	0.00	0.00	0.00	0.00	0	27,000.00	0.00
7	Landscaping	13,000.00	0.00	0.00	0.00	0.00	0	13,000.00	0.00
8	Concrete Labor	230,000.00	0.00	0.00	0.00	0.00	0	230,000.00	0.00
9	Concrete Materials	150,000.00	0.00	0.00	0.00	0.00	0	150,000.00	0.00
10	Precast Plank	29,500.00	0.00	0.00	0.00	0.00	0	29,500.00	0.00
11	Masonry	100,000.00	0.00	0.00	0.00	0.00	0	100,000.00	0.00
12	Steel	235,000.00	0.00	0.00	0.00	0.00	0	235,000.00	0.00
13	Carpentry	100,000.00	0.00	0.00	0.00	0.00	0	100,000.00	0.00
14	Air Barrier and Damp Proofing	9,000.00	0.00	0.00	0.00	0.00	0	9,000.00	0.00
15	Roofing	62,000.00	0.00	0.00	0.00	0.00	0	62,000.00	0.00
16	Caulking	14,000.00	0.00	0.00	0.00	0.00	0	14,000.00	0.00
17	OH and Doors	34,000.00	0.00	0.00	0.00	0.00	0	34,000.00	0.00
18	Painting	100,000.00	0.00	0.00	0.00	0.00	0	100,000.00	0.00
19	Plumbing	117,000.00	0.00	0.00	0.00	0.00	0	117,000.00	0.00
20	HVAC	300,000.00	0.00	0.00	0.00	0.00	0	300,000.00	0.00
21	Process	600,500.00	0.00	0.00	0.00	0.00	0	600,500.00	0.00
22	Electrical Materials	107,561.00	0.00	0.00	0.00	0.00	0	107,561.00	0.00



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CONTINUATION SHEET

AIA DOCUMENT G703 (Instructions on reverse side)

PAGE OF PAGES

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification, is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO.:
APPLICATION DATE: 3
PERIOD TO: 5/16/2024
ARCHITECT'S PROJECT NO.: 5/15/2024

Page 3

A	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G ÷ C)	BALANCE TO FINISH (C - G)	RETAINAGE (IF VARIABLE) RATE)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
23	Electrical Labor	175,000.00	0.00	0.00	0.00	0.00	0	175,000.00	0.00
24	Electrical Controls	175,340.00	0.00	0.00	0.00	0.00	0	175,340.00	0.00
25	Excavation Allowance	13,000.00	0.00	0.00	0.00	0.00	0	13,000.00	0.00
26	Trench Excavation Allowance	16,000.00	0.00	0.00	0.00	0.00	0	16,000.00	0.00
27	Structural Fill Allowance	52,000.00	0.00	0.00	0.00	0.00	0	52,000.00	0.00
28	Reinforced Concrete Allowance	60,000.00	0.00	0.00	0.00	0.00	0	60,000.00	0.00
29	Crushed Aggregate Base Allowance	2,200.00	0.00	0.00	0.00	0.00	0	2,200.00	0.00
30	Geo Textile Allowance	1,200.00	0.00	0.00	0.00	0.00	0	1,200.00	0.00
31	Sidewalk Allowance	4,500.00	0.00	0.00	0.00	0.00	0	4,500.00	0.00
32	Soil Testing	10,000.00	0.00	0.00	0.00	0.00	0	10,000.00	0.00
33	Electric Utility	4,000.00	0.00	0.00	0.00	0.00	0	4,000.00	0.00
34	Gas Utility	4,000.00	0.00	0.00	0.00	0.00	0	4,000.00	0.00
35	Polymer Tote	3,000.00	0.00	0.00	0.00	0.00	0	3,000.00	0.00
36	Shop Equipment	10,000.00	0.00	0.00	0.00	0.00	0	10,000.00	0.00
37	Filters	837,000.00	0.00	0.00	0.00	0.00	0	837,000.00	0.00
38	UV Treatment	209,633.00	0.00	0.00	0.00	0.00	0	209,633.00	0.00
39	Site Utilities	300,000.00	0.00	0.00	0.00	0.00	0	300,000.00	0.00
		4,715,248.00	100,500.00	33,000.00	0.00	133,500.00	3	4,581,748.00	6,675.00



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May 3, 2024

Subject: Important Update: Accepting ACH Payments!

Dear Customer:

We understand the importance of providing convenient and secure payment methods for our valued customers, and we believe that ACH payments are the most secure and convenient option. With ACH payments, you can easily transfer funds directly from your bank account to ours, eliminating the need for paper checks or other payment methods.

Here is the information you need to set up ACH payments to J. H. Hassinger, Inc. from your account:

Bank Name:	BMO Bank N.A.
ABA Routing #:	071000288
Bank Account #:	010047875
Account Holder:	J H Hassinger Inc

If you have any questions regarding the validity of this letter, please contact the J. H. Hassinger Inc. office.

When paying by ACH, be sure to provide details of invoices paid as part of the notes with the payment, or as a separate communication to Billing@JHHassinger.com.

Thank you for choosing J. H. Hassinger, Inc. for your construction needs. We are committed to providing you with the best possible service, and we believe that offering ACH payments is another step toward enhancing your experience.

Regards,

Barry Mayhew, CPA
Controller

Email: barry@jhhassinger.com

N60 W16289 Kohler Lane · Menomonee Falls, WI 53051
Office 262-252-4701 · Fax 262-252-4227
www.jhhassinger.com



May 24, 2024

Village of Jackson
W194 N16660 Eagle Drive
Jackson, WI 53037

Attention: Brian Kober, P.E.
Director of Public Works

Subject: Project: VOJ 23-02
STH 60 – Street Lighting
Industrial Drive – Ridgeway Drive
Pay Request #5

Dear Mr. Kober:

Enclosed you will find Pay Request #5 for the STH 60 Street Lighting project in the Village of Jackson. The maximum retainage was met with pay request #2. This is per Article 6.02.A.1 Progress Payments; Retainage, of Contract Document 00500, Agreement:

Total work completed to date	= \$390,159.58
Work completed, Pay Request #5	= \$35,140.40
Total Retainage	= \$9,454.40
Amount due to Contractor, Pay Request #5	= \$35,140.40

If you have any questions or comments, please contact me at (920) 924-5720.

Sincerely,

Blake Furlano

Blake Furlano
Project Inspector
Gremmer & Associates, Inc.

Project VOJ 23-02
 STH 60 - Street Lighting
 Industrial Drive - Ridgeway Drive

Pay Request #5
 WII-Surge - Prime Contractor

Item No.	Description	Units	Total	WII-Surge		Pay Request #1		Pay Request #2		Pay Request #3		Pay Request #4		Pay Request #5		Cumulative Totals		% Complete
				Unit Price	Bid Total	Actual Quantity	Total	Actual Quantity	Total	Actual Quantity	Total	Actual Quantity	Total	Actual Quantity	Total	Actual Quantity	Total	
619.1000	Mobilization	EACH	1	\$15,428.00	\$15,428.00	1.0	\$15,428.00	0	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	1	\$15,428.00	100%
628.7015	Inlet Protection Type C	EACH	25	\$89.00	\$2,225.00	0.0	\$0.00	0	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0	\$0.00	0%
643.5000	Traffic Control	LS	1	\$16,871.00	\$16,871.00	1.0	\$16,871.00	0	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	1	\$16,871.00	100%
653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	17	\$987.00	\$16,779.00	0.0	\$0.00	0	\$0.00	17.00	\$16,779.00	0.00	\$0.00	0.00	\$0.00	17	\$16,779.00	100%
654.0105	Concrete Bases Type 5	EACH	36	\$891.00	\$32,076.00	0.0	\$0.00	36	\$32,076.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	36	\$32,076.00	100%
655.0610	Electrical Wire Lighting 12 AWG	LF	7,629	\$0.92	\$7,018.68	0.0	\$0.00	0	\$0.00	256.00	\$235.52	7344.00	\$6,756.48	0.00	\$0.00	7600	\$6,992.00	100%
655.0620	Electrical Wire Lighting 8 AWG	LF	20,342	\$1.68	\$34,174.56	0.0	\$0.00	0	\$0.00	21467.00	\$36,064.56	0.00	\$0.00	0.00	\$0.00	21467	\$36,064.56	106%
655.0625	Electrical Wire Lighting 6 AWG	LF	30,513	\$1.81	\$55,228.53	0.0	\$0.00	0.00	\$0.00	32200.50	\$58,282.91	0.00	\$0.00	0.00	\$0.00	32201	\$58,282.91	106%
671.0212	Conduit HDPE Directional Bore 1-Duct 2-Inch	LF	10,835	\$13.79	\$149,414.65	5267.0	\$72,631.93	4782	\$65,943.78	100.00	\$1,379.00	0.00	\$0.00	0.00	\$0.00	10149	\$139,954.71	94%
SPV.0060.01	Install Village Furnished Lighting Unit	EACH	36	\$832.00	\$29,952.00	0.0	\$0.00	0	\$0.00	0.00	\$0.00	0.00	\$0.00	36.00	\$29,952.00	36	\$29,952.00	100%
SPV.0060.02	Install Village Furnished Meter Breaker Pedestal	EACH	2	\$6,910.00	\$13,820.00	2.0	\$13,820.00	0	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	2	\$13,820.00	100%
SPV.0180.01	Concrete Restoration	SY	3.3	\$348.00	\$1,148.40	0.0	\$0.00	0	\$0.00	0.00	\$0.00	0.00	\$0.00	3.30	\$1,148.40	3	\$1,148.40	100%
SPV.0180.02	Asphalt Restoration	SY	5	\$808.00	\$4,040.00	0.0	\$0.00	0	\$0.00	0.00	\$0.00	0.00	\$0.00	5.00	\$4,040.00	5	\$4,040.00	100%
CO #1	Concrete Replacement (Replaces Item SPV.0180.01)	SF	700	\$13.00	\$9,100.00	0.0	\$0.00	0	\$0.00	952.60	\$12,383.80	74.40	\$967.20	0.00	\$0.00	1027	\$13,351.00	147%
CO #2	Concrete Base 24" Dia Base	EACH	36	\$150.00	\$5,400.00	0.0	\$0.00	0	\$0.00	0.00	\$0.00	36.00	\$5,400.00	0.00	\$0.00	36	\$5,400.00	100%
STH 60 TOTAL					\$392,675.82		\$118,750.93		\$98,019.78		\$125,124.79		\$13,123.68	0.00	\$35,140.40		\$390,159.58	99%
TOTAL					\$392,675.82		\$118,750.93		\$98,019.78		\$125,124.79		\$13,123.68		\$35,140.40		\$390,159.58	99.36%

WII-Surge original bid #
 \$378,175.82
 Difference / Increase of
 \$13,351.60

\$5,937.55 Retainage Est #1
 \$3,516.85 Retainage Est #2
 \$0.00 Retainage Est #3
 \$0.00 Retainage Est #4
 \$0.00 Retainage Est #5
 \$9,454.40

Max retainage to hold =
 Based off original bid price

Work completed, previous estimate \$13,123.68
 Work completed, this estimate \$35,140.40
 Total work completed \$390,159.58
 Retainage, this estimate \$0.00
 Total retainage, previous estimates \$9,454.40
 Total retainage \$9,454.40
 Amount due to contractor, estimate #5 \$35,140.40

Public Works Report

May 28, 2024

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

Year 2022

January	Avg. Flow 839,968 g.p.d.	Min. Flow 720,000 g.p.d.	Max. 960,000 g.p.d.
February	Avg. Flow 848,571 g.p.d.	Min. Flow 710,000 g.p.d.	Max. 1.080 MGD
March	Avg. Flow 1.499 MGD	Min. Flow 890,000 g.p.d.	Max. 3.910 MGD
April	Avg. Flow 2.245 MGD	Min. Flow 1.200 MGD	Max. 4.100 MGD
May	Avg. Flow 1.237 MGD	Min. Flow 850,000 g.p.d.	Max. 2.070 MGD
June	Avg. Flow 1.438 MGD	Min. Flow 780,000 g.p.d.	Max. 3.680 MGD
July	Avg. Flow 1.141 MGD	Min. Flow 760,000 g.p.d.	Max. 2.370 MGD
August	Avg. Flow 1.139 MGD	Min. Flow 810,000 g.p.d.	Max. 1.920 MGD
September	Avg. Flow 1.395 MGD	Min. Flow 780,000 g.p.d.	Max. 4.160 MGD
October	Avg. Flow 920,322 g.p.d.	Min. Flow 760,000 g.p.d.	Max. 1.130 MGD
November	Avg. Flow 1.259 MGD	Min. Flow 810,000 g.p.d.	Max. 2.660 MGD
December	Avg. Flow 1.267 MGD	Min. Flow 930,000 g.p.d.	Max. 2.190 MGD

Year 2023

January	Avg. Flow 1.247 MGD	Min. Flow 1.010 MGD	Max. 1.560 MGD
February	Avg. Flow 1.351 MGD	Min. Flow 950,000 g.p.d.	Max. 3.130 MGD
March	Avg. Flow 1.762 MGD	Min. Flow 1.250 MGD	Max. 2.560 MGD
April	Avg. Flow 1.594 MGD	Min. Flow 980,000 g.p.d.	Max. 3.290 MGD
May	Avg. Flow 1.094 MGD	Min. Flow 780,000 g.p.d.	Max. 1.520 MGD
June	Avg. Flow 875,333 g.p.d.	Min. Flow 750,000 g.p.d.	Max. 1.050 MGD
July	Avg. Flow 841,935 g.p.d.	Min. Flow 680,000 g.p.d.	Max. 1.050 MGD
August	Avg. Flow 1.022 MGD	Min. Flow 710,000 g.p.d.	Max. 2.070 MGD
September	Avg. Flow 968,667 g.p.d.	Min. Flow 740,000 g.p.d.	Max. 1.270 MGD
October	Avg. Flow 1.154 MGD	Min. Flow 770,000 g.p.d.	Max. 1.900 MGD
November	Avg. Flow 1.080 MGD	Min. Flow 870,000 g.p.d.	Max. 1.720 MGD
December	Avg. Flow 1.146 MGD	Min. Flow 850,000 g.p.d.	Max. 1.440 MGD

Year 2024

January	Avg. Flow 1.337 MGD	Min. Flow 980,000 g.p.d.	Max. 2.260 MGD
February	Avg. Flow 1.440 MGD	Min. Flow 1.090 MGD	Max. 2.250 MGD
March	Avg. Flow 1.502 MGD	Min. Flow 950,000 g.p.d.	Max. 2.590 MGD
April	Avg. Flow 1.427 MGD	Min. Flow 980,000 g.p.d.	Max. 3.220 MGD

Years Summary of 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	

Year 2022

Jan.	Avg.	553,580 g.p.d.	Highest Day 707,000 gals.	Total	17,161,000 gallons
Feb.	Avg.	575,360 g.p.d.	Highest Day 683,000 gals.	Total	16,110,000 gallons
March	Avg.	578,290 g.p.d.	Highest Day 861,000 gals.	Total	17,927,000 gallons
April	Avg.	606,400 g.p.d.	Highest Day 1.084 MGD	Total	18,192,000 gallons
May	Avg.	605,190 g.p.d.	Highest Day 808,000 gals.	Total	18,761,000 gallons
June	Avg.	660,500 g.p.d.	Highest Day 1.034 MGD	Total	19,815,000 gallons
July	Avg.	685,520 g.p.d.	Highest Day 853,000 gals.	Total	21,251,000 gallons
August	Avg.	654,160 g.p.d.	Highest Day 800,000 gals.	Total	20,279,000 gallons
Sept	Avg.	602,170 g.p.d.	Highest Day 727,000 gals.	Total	18,065,000 gallons
October	Avg.	661,390 g.p.d.	Highest Day 1.185 MGD	Total	20,503,000 gallons
Nov	Avg.	561,670 g.p.d.	Highest Day 714,000 gals.	Total	16,850,000 gallons
Dec	Avg.	552,160 g.p.d.	Highest Day 712,000 gals.	Total	17,117,000 gallons

Year 2023

Jan.	Avg.	544,810 g.p.d.	Highest Day 716,000 gals.	Total	16,889,000 gallons
Feb.	Avg.	576,070 g.p.d.	Highest Day 762,000 gals.	Total	16,130,000 gallons
March	Avg.	532,060 g.p.d.	Highest Day 713,000 gals.	Total	16,494,000 gallons
April	Avg.	597,230 g.p.d.	Highest Day 869,000 gals.	Total	17,917,000 gallons
May	Avg.	651,650 g.p.d.	Highest Day 1.243 MGD	Total	20,201,000 gallons
June	Avg.	850,070 g.p.d.	Highest Day 1.018 MGD	Total	24,152,000 gallons
July	Avg.	793,870 g.p.d.	Highest Day 944,000 gals.	Total	24,610,000 gallons
August	Avg.	737,060 g.p.d.	Highest Day 1.019 MGD	Total	22,849,000 gallons
Sept	Avg.	616,330 g.p.d.	Highest Day 790,000 gals.	Total	18,490,000 gallons
Oct	Avg.	611,900 g.p.d.	Highest Day 986,000 gals.	Total	18,969,000 gallons
Nov	Avg.	531,570 g.p.d.	Highest Day 728,000 gals.	Total	15,947,000 gallons
Dec	Avg.	549,970 g.p.d.	Highest Day 770,000 gals.	Total	17,049,000 gallons

Pump Capacity Well #1- 400 g.p.m. Well #3 -900 g.p.m. Well #4 - 1200 g.p.m. Well #5 – 1,100 g.p.m. Well #6 – 800 g.p.m.

Year 2024

Jan.	Avg.	564,060 g.p.d.	Highest Day 733,000 gals.	Total	17,486,000 gallons
Feb.	Avg.	554,550 g.p.d.	Highest Day 711,000 gals.	Total	16,082,000 gallons
March	Avg.	541,840 g.p.d.	Highest Day 731,000 gals.	Total	16,797,000 gallons
April	Avg.	609,130 g.p.d.	Highest Day 903,000 gals.	Total	18,274,000 gallons

WWTP – Holding & Septage Receiving

2005	\$ 87,562.01	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		

2022	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
January	1,311,750	2,700			40,650	\$11,780.25
February	1,321,050	8,000			48,350	\$12,577.15
March	2,076,350	2,000		40,750	303,750	\$26,238.30
April	1,791,650	5,400	1,500	101,700	326,050	\$27,660.95
May	1,703,450		5,200	164,850	288,100	\$28,456.35
June	1,759,050	3,000		100,400	373,050	\$28,348.65
July	1,437,400	2,700		92,100	186,800	\$20,583.70
August	1,670,350	1,200	3,500	63,700	242,850	\$22,560.55
September	1,479,850			73,350	168,950	\$19,363.30
October	1,204,370	3,000	5,500	47,650	253,200	\$18,629.21
November	1,264,850		1,000	48,300	228,250	\$18,038.55
December	1,454,750		4,000	24,100	159,600	\$16,872.50

2023	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
January	1,232,950		1,000	2,800	72,460	\$11,841.10
February	1,299,600			1,000	27,000	\$11,121.30
March	849,250			18,800	62,550	\$ 9,203.75
April	Primary Clarifiers were receiving new diffusers.					
May	1,011,750			44,350	121,650	\$13,131.00
June	1,089,100			44,100	148,950	\$14,421.05
July	928,350		3,500	6,000	110,500	\$12,546.00
August	1,212,400			8,000	121,800	\$15,649.00
September	1,083,000			10,400	100,350	\$13,962.75
October	1,148,850			8,200	280,750	\$18,999.25
November	1,020,400			16,500	302,800	\$18,764.00
December	1,262,300			2,000	198,000	\$17,693.00

2023	Holdings (gals)	Grease (gals)	G Decant (gals)	Septage (gals)	S Decant (gals)	Total Billings
January	1,240,050			500	62,900	\$14,003.00
February	1,236,550			2,300	63,100	\$14,081.00
March	1,139,150			4,500	141,500	\$15,200.25
April	1,135,752			3,600	225,950	\$17,972.27

Morning Meadows Subdivision

Streetlights were installed by the Village in Phase 1 and 2. Now, waiting for We-Energies to energize the service for light. Phase 3 has housing units being constructed. Next, is streetlights in Phase 3. No Change.

Eagle Drive & STH 60 Intersection Improvement

Both projects STH 60 Resurfacing & Roundabout Project are on schedule. The Railroad crossing was closed the week of May 20th, and back open by Noon on Friday, May 24th for the Holiday weekend. Next is milling and paving the northside or west bound lane starting Monday, June 3rd. East bound traffic will then move to the northside of the road starting Monday June 10th to reconstruct the southside of the road. Eagle Drive RAB will have the north leg open to East Side Mart and Living Word Church and School. WisDOT is working out a detail on how to direct traffic through the new poured curbline.

Midwest Fiber Installation

Street Opening Permits have been approved for the Fiber to the Home Project. Now the request will be made with Mid-West for fiber to Utility owned properties. No update.

WWTP 2024 Tertiary Filters and UV Disinfection

After a few hurdles, digging has begun for footing and foundation.

Stormwater Ponds Management Inspection Program

Still waiting for the final reports.

CTH P Reconstruction Project

We-Energies is finalizing work on replacing gas main in the intersection of Sherman Road & CTH P. Construction on the south portion of CTH P Sherman Road to STH 145 will start on May 28th. The north portion will start is June 3rd.

Maple Fields Subdivision

Streetlights are installed in Phase 1 and waiting for We-Energies to create the cost letters and energize the services. Phase 2 underground utility construction will start May 28th.

Next Generation Housing

One last item is to move the topsoil pile on lot 26, and once completed we can closeout the Project. There are a few punch list items pertaining to erosion control measures.

Hickory Lane Reconstruction Project

We have the final report. Discussion will start on the Reconstruction Project and the possible dog park in Cedar Run Park. Other projects are getting in the way to start the discussion.

Main Street Streetlight Replacement Project

We-Energies streetlights are removed. All landscaping has been completed, grass growing, and now being dug up by other contractors. One light does not work by the Old Village Hall. We are working through warranty issues to get the light working.

Respectfully submitted, Brian W. Kober, P.E.