



2323 Fourth Street, PO Box 483 Peru, IL 61354
Phone: 815-224-1650 Toll Free: 800-659-4659
www.testinc.com

June 6, 2024

Client: Village of Poplar Grove
Attn: Don Sattler, Village President
200 Hill Street
P.O. Box 01
Poplar Grove, IL 61065

Plant Type: Wastewater Treatment Plants: North: Class II Sequential batch reactors (SBR).
South: Class I Sequential batch reactors (SBR).
Water Treatment Plants: Well Supply with Chemical Addition in all 3 locations

For the water system you will find attached the daily inspection and monitoring reports for each of the water plants and the distribution system testing record. For the wastewater side we have included the monthly DMR for both wastewater plants.

Outlined below are the processes and actions taken during April 2024 in Poplar Grove to improve the facilities equipment beyond required and routine maintenance, testing, inspection and reporting. At times we will also list upcoming needed improvements that may need attention by the Village.

Lift Stations:

- We've started weed eating around the lift stations.
- We have installed some grease bricks in Woodstock Road Lift Station to try and help with the grease issue there.
- We had an issue with the Countryside Lift Station generator. The auto transfer switch wouldn't transfer. That's been repaired.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- We received quotes from Sable, as well as some other vendors. We have submitted them all to David and we'll be there to answer any questions at the board meeting.
- We had a Gardner Denver digester blower start making noise. We've scheduled a tech from WM Meyer & Sons (where we bought the new blower for the south plant), to look at it to see if it can be repaired. It still spins, but it makes more noise than it should. I'm hoping it can be rebuilt. **To revisit this**, we will remove the blower and take it in for further evaluation. The tech said they will not charge us for this site visit if we remove the blower ourselves. So, that is the plan.
- Tested all emergency wash stations.
- We've been working with Gasvoda to try and get the disk filter fixed. NOVA, the company that made the filter, is out of business, so we can't just order the parts we need. **This is still ongoing. We received a quote from Gasvoda to repair the filter and make new parts since they can't buy them. It was around \$7,000.**



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South WWTP:

- Decanted digesters.
- We adjusted the brushes on the fine screen again but we're trying to find a replacement. The manufacturer of that screen is no longer in business. **We did receive a quote from Aqua Tec and Sable for the brushes.**
- We changed a couple air bags on the decanters.
- We had the main air line for SBR1 Sam unit start leaking. We'll need a crane to pull the unit to fix it. I'm going to try and time it so we can have the crane come out to install the Sam unit in SBR3 and pull the unit out on SBR1, fix the hose and then reinstall it.
- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Tested all emergency wash stations.
- Sludge was moved from the drying beds.
- We did get some quotes from Dahm to remove and haul the sludge away. We're waiting for the lab results to come back that waste management had requested to haul the sludge ourselves.

Water System:

- Cleaned well houses.
- All daily checks have been completed.
- Chris and Chelsea have started working on the source water protection plan. This is something the IEPA is making every system in the state do.
- Changed and rebuilt some chemical pumps as they start to leak.

All operations and plant inspections have been performed by me or under my direct supervision. As always, if you have any questions concerning the above, please do not hesitate to contact me.

Submitted by,
Total Environmental Service Technologies, Inc.

Ion Stear
Certified Operator/Manager

DMR Copy of Record

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NEDES Reporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(i)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outlet. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit #:	IL0071447	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE SOUTH STP, VILLAGE OF											
Major:	Yes	Address:	200 S HILL ST POPLAR GROVE, IL 61065	Location:	12211 STATE ROUTE 76 POPLAR GROVE, IL 61065											
Permitted Feature:	001 External Outfall	Discharge:	001-0 STP OUTFALL	Status:	NetDMR Validated											
Report Dates & Status	From 04/01/24 to 04/30/24	DMR Due Date:	05/25/24	Telephone:	815-224-1650											
Monitoring Period:	From 04/01/24 to 04/30/24	DMR Due Date:	05/25/24	Telephone:	815-224-1650											
Considerations for Form Completion	BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.															
Principal Executive Officer	Ion Stear	Title:	Certified Operator	Telephone:	815-224-1650											
First Name:	Ion	Last Name:	Stear	Telephone:	815-224-1650											
No Data Indicator (NODI)	No Data Indicator (NODI)															
Form NODI:	No Data Indicator (NODI)															
Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value	Sample Value	Sample NODI	Units	Quantity or Concentration	Value 1	Value 2	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	19 - mg/L	19 - mg/L		mg/L	8.317				mg/L	0	03DOW - 3 Days Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	6.0 MINIMUM	7.3			8.42					0	03DOW - 3 Days Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	250.0 MO AVG	17.883		26 - lb/d	4.071				mg/L	0	03DOW - 3 Days Every Week	CP - COMPOS
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	-	15.06			26 - lb/d	15.06				mg/L	0	01D0 - Monthly	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	31.0 MO AVG	1.162		26 - lb/d	0.269				mg/L	0	03DOW - 3 Days Every Week	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	0	-	78.0 WKLY AVG	2.743		26 - lb/d	0.624				mg/L	0	03DOW - 3 Days Every Week	CP - COMPOS
00685	Phosphorus, total [as P]	1 - Effluent Gross	0	-	21.0 MO AVG	2.927		26 - lb/d	0.666				mg/L	0	03DOW - 3 Days Every Week	CP - COMPOS

Sample	Permit	Req. Value	MO	AVG	Req. Mon. MO	MX	03 - MGD	03 - MGD	9999 - Continuous
50050	Flow in conduit or thru treatment plant	0	-	0.527	1.002	Req. Mon. DAILY MX	03 - MGD	03 - MGD	9999 - Continuous
50060	Chlorine, total residual	0	-	7.85	25.371	26 - lb/d	26 - lb/d	19 - mg/L	9999 - Continuous
80082	BOD, carbonaceous [5 day, 20 C]	0	-	1.786	10.0	MO AVG	MO AVG	19 - mg/L	9999 - Continuous

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By
 POPLAR GROVE, VILLAGE OF

User:
 ebungamer

Name:
 Elaine Bungamer

E-Mail:
 ebungamer@tesinc.com

Date/Time:
 2024-05-24 11:26 (Time Zone: -05:00)

Report Last Signed By
 IONSTEAR

User:
 Ion Stear

Name:
 IONSTEAR

E-Mail:
 istear@tesinc.com

Date/Time:
 2024-05-28 10:58 (Time Zone: -05:00)

Sample	Permit	Req. Value	MO	AVG	Req. Mon. MO	MX	03 - MGD	03 - MGD	9999 - Continuous
80082	BOD, carbonaceous [5 day, 20 C]	0	-	1.786	10.0	MO AVG	MO AVG	19 - mg/L	9999 - Continuous
50060	Chlorine, total residual	0	-	7.85	25.371	26 - lb/d	26 - lb/d	19 - mg/L	9999 - Continuous

DMR Copy of Record

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Permit #:	IL0071447	Permittee:	POPLAR GROVE, VILLAGE OF														
Major:	Yes	Facility Location:	POPLAR GROVE SOUTH STP, VILLAGE OF 12211 STATE ROUTE 76 POPLAR GROVE, IL 61065														
Permitted Feature:	INF Influent Structure	Discharge:	INF-L INFLUENT MONITORING														
Report Dates & Status		Status:	NotDMR Validated														
Monitoring Period:	From 04/01/24 to 04/30/24	DMR Due Date:	05/25/24														
<i>Considerations for Form Completion</i>																	
BOW ID:	W0070150006																
Principal Executive Officer		Title:	Certified Operator														
First Name:	Ion	Telephone:	815-224-1650														
Last Name:	Stear																
No Data Indicator (NOD)																	
Form NOD:																	
Code	Parameter Name	Monitoring Location	Session #	Permit NOD	Sample Permit Req Value NOD	Sample Period Req Value NOD	Qualifier 1	Qualifier 2	Qualifier 3	Value 1	Value 2	Value 3	Units	Quality or Concentration	# of Ex.	Frequency of Analyte	Sample Type
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-						<	67.786	19 - mg/L	19 - mg/L	Req Mon MO AVG	0	03DW - 3 Days Every Week	CP - COMPOS
00550	Solids, total suspended	G - Raw Sewage Influent	0	-						<	117.429	19 - mg/L	19 - mg/L	Req Mon MO AVG	0	03DW - 3 Days Every Week	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-						=	3.1	19 - mg/L	19 - mg/L	Req Mon MO AVG	0	03DW - 3 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-						=	0.324	03 - MGD	03 - MGD	Req Mon DAILY MX	0	8999 - Continuous	CP - COMPOS

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analyte, and Sample Type.

Edit Check Errors
No errors.

Comments

Attachments
No attachments.

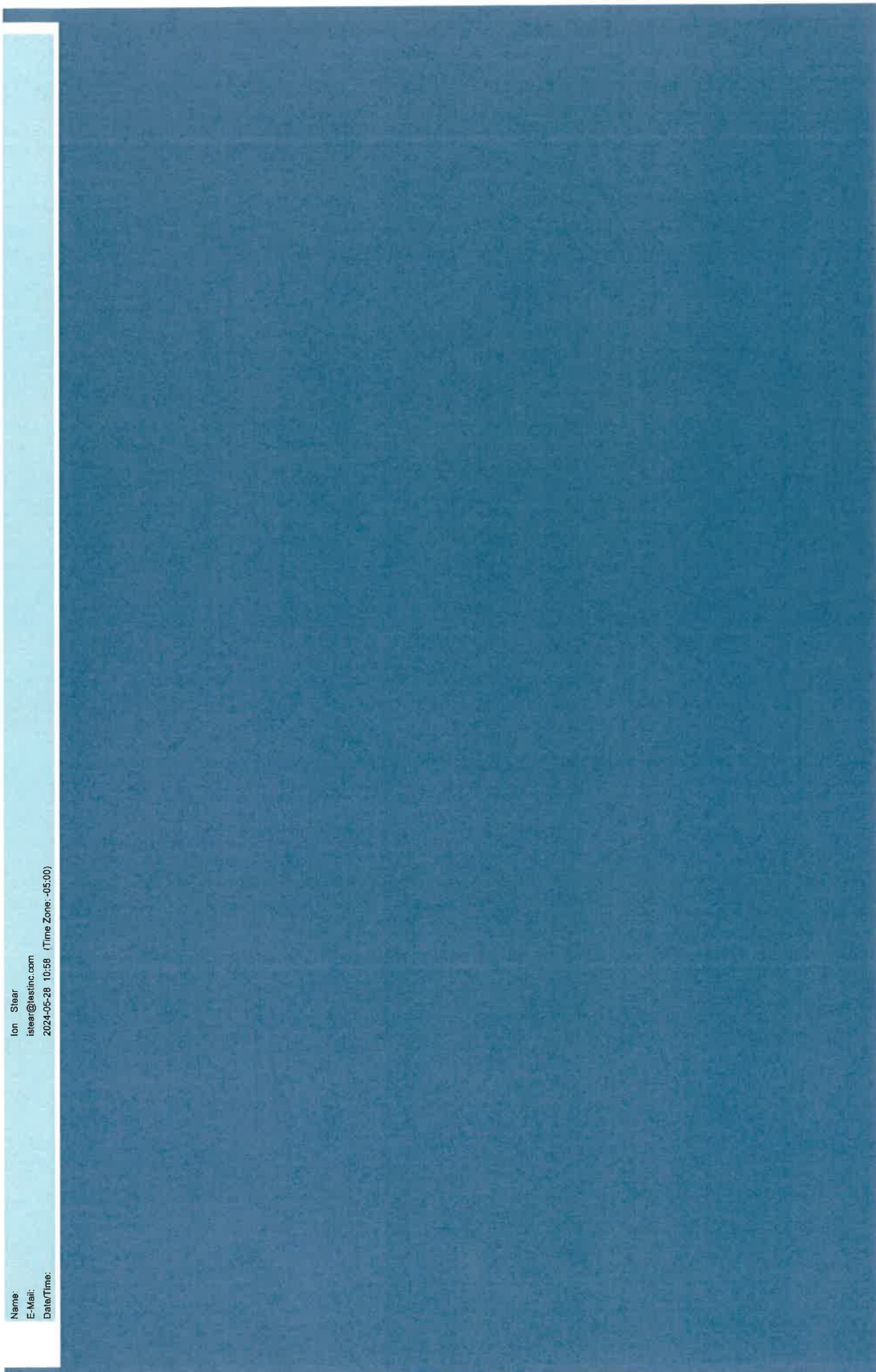
Report Last Saved By
POPLAR GROVE, VILLAGE OF

User: ebumgamer
Name: Elaine Bumgamer
E-Mail: ebumgamer@lestinc.com
Date/Time: 2024-05-24 11:26 (Time Zone: -05:00)

Report Last Signed By
User: IONSTEAR

Name:
E-Mail:
Date/Time:

Ion Stear
istear@iesinc.com
2024-05-28 10:58 (Time Zone: -05:00)



DMR Copy of Record

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Permit: IL0023451
Major: No
Permitted Feature: 001 External Outfall
Report Dates & Status: From 04/01/24 to 04/30/24
Monitoring Period: From 04/01/24 to 04/30/24
Considerations for Form Completion: BOW ID: W0070150007, DMF LOAD LIMITS DISPLAYED, MONITORING LOCATION "1" IS MONTHLY AVERAGE AND DAILY MAXIMUM, MONITORING LOCATION "B" IS FOR WEEKLY AVERAGE.
Principal Executive Officer: ion Slear

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading	Value 1	Qualifier	Value 2	Value 3	Quantity or Concentration	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	35.445	10.634	<	3.0	6.88	7.96	19 - mg/L	0	02DA - 2 Days Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	250.0 DAILY MX	125.0 MO AVG	<=	<=	9.0 MINIMUM	5.0 DAILY MN AV	19 - mg/L	0	02DA - 2 Days Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	250.0 DAILY MX	125.0 MO AVG	<=	<=	12.0 MO AVG	24.0 DAILY MX	19 - mg/L	0	02DA - 2 Days Every Week	GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	31.0 DAILY MX	0.922	=	2.421	0.26	0.683	19 - mg/L	0	02DA - 2 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Men DAILY MX	0.425	=	0.704	0.704	3.0 DAILY MX	19 - mg/L	0	9999 - Continuous	CP - COMPOS
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Men DAILY MX	7.089	=	21.267	0.05 DAILY MX	6.0	19 - mg/L	0	0130 - Monthly	GR - GRAB
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	209.0 DAILY MX	104.0 MO AVG	<=	<=	10.0 MO AVG	20.0 DAILY MX	19 - mg/L	0	02DA - 2 Days Every Week	CP - COMPOS

Title: Certified Operator
 Telephone: 815-224-1650

Facility: POPLAR GROVE - NORTH WWTP, VILLAGE OF POPLAR GROVE, IL 61065
 Facility Location: 200 NORTH HILL STREET POPLAR GROVE, IL 61065
 Status: NetDMR Validated
 Discharge: 001-0 STP-OUTFALL
 DMR Due Date: 05/25/24

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User:

ebumgarner

Name: Elaine Bumgarner

E-Mail: ebumgarner@teslinc.com

Date/Time: 2024-05-24 11:12 (Time Zone: -05:00)

Report Last Signed By

CHRISPERRA

Name: Chris Perra

E-Mail: cperra@teslinc.com

Date/Time: 2024-05-25 21:00 (Time Zone: -05:00)

DMR Copy of Record

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Permit #: IL0023451	Permittee: POPLAR GROVE, VILLAGE OF	Facility: POPLAR GROVE - NORTH WWTP, VILLAGE OF
Major: No	Permittee Address: 200 NORTH HILL STREET POPLAR GROVE, IL 61065	Facility Location: 205 EDSON RD POPLAR GROVE, IL 61065
Permitted Feature: INF Influent Structure	Discharge: INF-L INFLUENT MONITORING	Status: NetDMR Validated
Report Dates & Status	DMR Due Date: 05/25/24	Telephone: 815-224-1650
Monitoring Period: From 04/01/24 to 04/30/24	Title: Certified Operator	
Considerations for Form Completion		
BOW ID: W0070150007		
Principal Executive Officer		
First Name: Ion		
Last Name: Slear		
No Date Indicator (NODI): -		
Form NODI: -		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value (NODI)	Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Quantity or Concentration Qualifier 3	Value 3	Qualifier 4	Value 4	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-							19 - mg/L			02DA - 2 Days Every Week	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	-							19 - mg/L			02DA - 2 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-							19 - mg/L			02DA - 2 Days Every Week	CP - COMPOS

Sample Permit Req. Value (NODI)	Sample Permit Req. Value (NODI)	Sample Permit Req. Value (NODI)	Req Mon MO AVG	Req Mon MO AVG	Req Mon DAILY MX	Req Mon DAILY MX	Req Mon MO AVG	Req Mon MO AVG	Req Mon DAILY MX	Req Mon DAILY MX	Req Mon MO AVG	Req Mon MO AVG	Req Mon DAILY MX	Req Mon DAILY MX	99899 - Continuous	99899 - Continuous
			0.406	0.728	03 - MGD	03 - MGD									0	0

Submission Note
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Edit Check Errors

No errors.

Comments

Attachments
No attachments

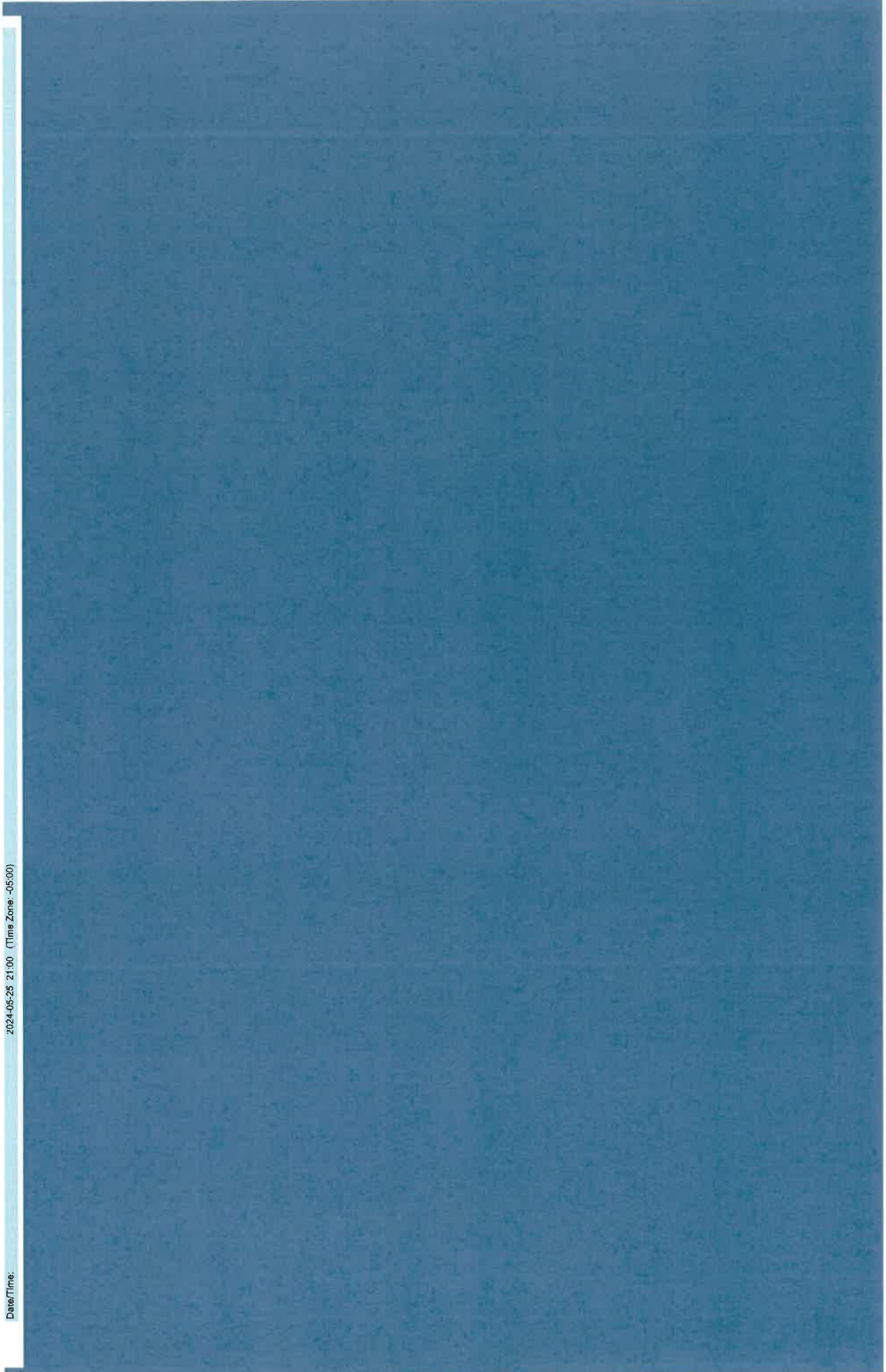
Report Last Saved By
POPLAR GROVE, VILLAGE OF

User: ebungarner
Name: Elaine Bungarner
E-Mail: ebungarner@testinc.com
Date/Time: 2024-05-24 11:15 (Time Zone: -05:00)

Report Last Signed By
User: CHRISPERRA
Name: Chris Perra
E-Mail: cperra@testinc.com

Date/Time.

2024-05-25 21:00 (Time Zone: -05:00)



VILLAGE OF POPLAR GROVE - WEST
IL0070350
MONTHLY OPERATING REPORT
FOR THE MONTH OF APRIL 2024
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

Date	Time	Flow Meter		Hour Meter Well 4		Chlorine Feed		Phosphate Feed		Flouride Feed		Operator		
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L		Scale	lbs Used
31-Mar	08:30	391506		8783.12		107.50		0.36	42		358.30		DH	
1-Apr	08:30	391565	57	8784.52	1.35	106.00	0.5	1.27	36	4.00	357.00	1.20	GS	
2-Apr	08:30	391622	57	8785.87	1.33	105.50	1.0	0.96	32	4.00	355.80	1.40	GS	
3-Apr	08:30	391679	58	8787.2	1.3	104.5/160	0.5	1.24	28	6.00	54.4/434	0.60	GS	
4-Apr	08:30	391737	76	8788.5	1.82	159.50	0.5	1.53	22	6.00	433.90	1.80	GS	
5-Apr	08:30	391813	63	8790.32	1.55	159.00	1.2	0.94	16/100	3.00	432.10	1.10	dh	
6-Apr	08:30	391876	53	8791.87	1.16	157.80	0.9	0.86	97	5.00	431.00	1.20	mjh	
7-Apr	08:30	391929	58	8793.03	1.35	156.90	0.9	1.08	92	4.00	429.80	1.50	mjh	
8-Apr	08:30	391987	57	8794.38	1.34	156.00	0.0	1.09	88	6.00	428.30	1.10	GS	
9-Apr	08:30	392044	62	8795.72	1.39	155.00	1.0	1.40	82	4.00	427.20	1.10	GS	
10-Apr	08:30	392106	73	8797.11	1.77	153.00	0.0	0.85	78	6.00	426.10	1.60	GS	
11-Apr	08:30	392179	55	8798.88	1.25	153.00	0.0	1.05	72	4.00	424.50	1.30	GS	
12-Apr	08:30	392234	99	8800.13	2.39	153.00	1.0	1.22	68	7.00	423.20	1.80	GS	
13-Apr	08:30	392333	39	8802.52	0.91	152.00	0.5	1.01	61	4.00	421.40	0.00	mjh	
14-Apr	08:30	392372	59	8803.43	1.4	151.50	1.5	0.88	57	7.00	421.40	2.70	mjh	
15-Apr	08:30	392431	58	8804.83	1.37	150.00	1.0	1.30	50	4.00	418.70	1.00	GS	
16-Apr	08:30	392489	57	8806.2	1.34	149.00	1.0	1.33	46	6.00	417.70	1.50	GS	
17-Apr	08:30	392546	106	8807.54	2.52	148.00	1.0	1.18	40	8.00	416.20	1.60	GS	
18-Apr	08:30	392652	231	8810.06	5.49	147.00	4.0	1.14	32/100	10.00	414.60	4.50	GS	
19-Apr	08:30	392883	57	8815.55	1.35	143.00	0.0	1.07	90	4.00	410.10	0.90	GS	
20-Apr	08:30	392940	56	8816.9	1.32	143.00	0.5	0.48	86	6.00	409.20	1.10	DH	
21-Apr	08:30	392996	79	8818.22	1.88	142.50	1.5	0.57	80	6.00	408.10	1.40	dh	
22-Apr	08:30	393075	59	8820.1	1.39	141.00	0.5	1.04	74	4.00	406.70	1.40	GS	
23-Apr	08:30	393134	58	8821.49	1.39	140.50	0.5	1.05	70	6.00	405.30	1.00	GS	
24-Apr	08:30	393192	58	8822.88	1.38	140.00	1.0	0.61	64	4.00	404.30	0.90	GS	
25-Apr	08:30	393250	57	8824.26	1.34	139.00	1.0	1.07	60	5.00	403.40	1.50	GS	
26-Apr	08:30	393307	58	8825.6	1.4	138.00	1.0	0.95	55	3.00	401.90	1.70	GS	
27-Apr	08:30	393365	76	8827	1.74	137.00	137.0	0.67	52	8.00	400.20	1.70	JH	
28-Apr	08:30	393441	58	8828.74	1.43	136.00	1.0	0.64	44	4.00	398.50	1.10	JH	
29-Apr	08:30	393499	57	8830.17	1.35	135.00	0.5	1.30	40	6.00	397.40	0.50	GS	
30-Apr	08:30	393556	79	8831.52	1.86	134.50	0.5	1.00	34	6.00	396.90	1.70	GS	
1-May	08:30	393635		8833.38		134.00		1.07	28		395.2		GS	
TOT			2070											
AVE			69					32.21						43.25
MAX			231					1.01						1.35
MIN			39					1.53						1.94
								0.36						0.89

SIGNATURE:  **Jon Stear**
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH
IL0070150
MONTHLY OPERATING REPORT
FOR THE MONTH OF APRIL 2024
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

Date	Time	Flow Meter		Hour Meter Well 2		Hour Meter Well 3		Chlorine Feed		Phosphate Feed		Flouride Feed		Operator Initials	
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L		Scale
31-Mar	08:00	427225		10064.5	0	32546.60		78.00		1.28	52		21.90		DH
1-Apr	08:00	427370	122	10064.5	0	32554.10	6.20	75.00	1.0	1.31	46	6.00	21.00/23.00	0.5	GS
2-Apr	08:00	427492	133	10064.5	0	32560.30	6.70	74.00	2.0	1.16	40	6.00	22.50	0.5	GS
3-Apr	08:00	427625	119	10064.5	0	32567.00	6.10	72.00/160	2.0	1.34	34	4.00	22.00/51.00	0.5	GS
4-Apr	08:00	427744	152	10064.5	0	32573.10	7.40	159.50	1.5	1.32	30	6.00	50.50	0.5	GS
5-Apr	08:00	427896	140	10064.5	0	32580.50	7.50	158.00	2.5	0.99	24/102	4.00	50.00	0.9	GS
6-Apr	08:00	428036	121	10064.5	0	32588.00	6.10	155.50	1.5	0.89	98	5.00	49.10	0.1	mjh
7-Apr	08:00	428157	144	10064.5	0	32594.10	7.20	154.00	0.5	1.31	93	7.00	49.00	1.0	mjh
8-Apr	08:00	428301	119	10064.5	0	32601.30	6.00	153.50	2.5	1.38	86	4.00	48.00	1.0	GS
9-Apr	08:00	428420	123	10064.5	0	32607.30	6.30	151.00	1.0	1.42	82	5.50	47.00	0.0	GS
10-Apr	08:00	428543	125	10064.5	0	32613.60	6.30	150.00	2.0	1.25	76.5	4.50	47.00	0.5	GS
11-Apr	08:00	428668	127	10064.5	0	32619.90	6.50	148.00	2.0	1.43	72	6.00	46.50	1.0	GS
12-Apr	08:00	428795	217	10064.5	0	32626.40	10.90	146.00	2.0	1.31	66	8.00	45.50	0.7	GS
13-Apr	08:00	429012	112	10064.5	0	32637.30	5.70	144.00	1.1	1.22	58	4.00	44.80	0.8	mjh
14-Apr	08:00	429124	114	10064.5	0	32643.00	5.80	142.90	1.9	1.32	54	4.00	44.00	0.0	mjh
15-Apr	08:00	429238	127	10064.5	0	32648.80	6.50	141.00	1.0	1.07	50	6.00	44.00	1.0	GS
16-Apr	08:00	429365	94	10064.5	0	32655.30	4.70	140.00	2.0	1.45	44	4.00	43.00	1.0	GS
17-Apr	08:00	429459	0	10064.5	0	32660.00	0.00	138.00	0.0	1.47	40	0.00	42.00	0.0	GS
18-Apr	08:00	429459	240	10064.5	0	32660.00	11.60	138.00	3.0	1.02	40	10.00	42.00	1.0	GS
19-Apr	08:00	429699	120	10064.5	0	32671.60	6.00	135.00	1.0	1.44	30	6.00	41.00	0.3	GS
20-Apr	08:00	429819	156	10064.5	0	32677.60	8.00	134.00	2.0	1.20	24	6.00	40.75	0.8	DHR
21-Apr	08:00	429975	148	10064.5	0	32685.60	7.50	132.00	2.0	1.10	18/100	4.00	40.00	1.0	dhr
22-Apr	08:00	430123	133	10064.5	0	32693.10	6.70	130.00	1.0	1.48	96	6.00	39.00	0.0	GS
23-Apr	08:00	430256	124	10064.5	0	32699.80	6.30	129.00	2.0	1.47	90	4.00	39.00	1.0	GS
24-Apr	08:00	430380	130	10064.5	0	32706.10	6.60	127.00	2.0	1.37	86	6.00	38.00	0.5	GS
25-Apr	08:00	430510	128	10064.5	0	32712.70	6.50	125.00	1.0	1.39	80	4.00	37.50	1.0	GS
26-Apr	08:00	430638	122	10064.5	0	32719.20	6.30	124.00	2.0	1.33	76	6.00	36.50	0.5	GS
27-Apr	08:00	430760	154	10064.5	0	32725.50	7.90	122.00	2.0	1.38	70	6.00	36.00	0.5	JH
28-Apr	08:00	430914	143	10064.5	0	32733.40	7.20	120.00	1.0	0.83	64	4.00	35.50	0.5	JH
29-Apr	08:00	431057	141	10064.5	0	32740.60	7.20	119.00	2.0	1.39	60	8.00	35.00	1.0	GS
30-Apr	08:00	431198	131	10064.5	0	32747.80	6.60	117.00	2.0	1.42	52	4.00	34.00	0.5	GS
1-May	08:00	431329		10064.5		32754.40		115.00		1.55	48		33.50		GS
TOT			3959												
AVE			132							41.29					29.08
MAX			240							1.29					0.91
MIN			0							1.55					2.53
										0.83					0.39

SIGNATURE:  Jean Steier
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
IL0070300
MONTHLY OPERATING REPORT
FOR THE MONTH OF APRIL 2024
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

Date	Time	Flow Meter		Hour Meter Well 5		Hour Meter Well 6		Chlorine Feed		Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	
31-Mar	09:00	612482		4542.1		4758.10		99.00		0.61	38		341.40	dh
1-Apr	09:00	612541	59	4543	1	4758.10	0	97.00	1.0	1.38	35	5.00	340.40	Gs
2-Apr	09:00	612600	59	4544	0.9	4758.10	0	96.00	1.0	1.33	32	2.00	339.40	GS
3-Apr	09:00	612659	59	4544.9	0.9	4758.10	0	95.00/160	0.0	1.26	30	4.00	38.4/412.	GS
4-Apr	09:00	612718	90	4545.8	1.4	4758.10	0	160.00	1.0	1.30	26	4.00	412.00	GS
5-Apr	09:00	612808	60	4547.2	0.9	4758.10	0	159.00	1.2	0.87	22/100	2.00	410.20	dh
6-Apr	09:00	612868	37	4548.1	0.5	4758.10	0	157.80	0.8	1.01	98	3.00	408.80	mjh
7-Apr	09:00	612905	82	4548.6	1.3	4758.10	0	157.00	2.0	1.44	95	3.00	408.20	mjh
8-Apr	09:00	612987	59	4549.9	0.9	4758.10	0	155.00	1.0	1.32	92	2.00	407.00	GS
9-Apr	09:00	613046	58	4550.8	0.9	4758.10	0	154.00	2.0	1.48	90	4.00	406.00	GS
10-Apr	09:00	613104	61	4551.7	1	4758.10	0	152.00	0.0	1.46	86	4.00	404.80	GS
11-Apr	09:00	613165	89	4552.7	1.3	4758.10	0	152.00	1.0	1.43	82	2.00	403.80	GS
12-Apr	09:00	613254	91	4554	1.4	4758.10	0	151.00	3.0	1.54	80	5.00	402.60	GS
13-Apr	09:00	613345	42	4555.4	0.7	4758.10	0	148.00	1.0	1.17	75	2.00	400.60	mjh
14-Apr	09:00	613387	78	4556.1	1.2	4758.10	0	147.00	1.0	0.82	73	3.00	399.60	mjh
15-Apr	09:00	613465	59	4557.3	0.9	4758.10	0	146.00	1.0	1.30	70	4.00	398.60	GS
16-Apr	09:00	613524	59	4558.2	0.9	4758.10	0	145.00	1.5	1.53	66	2.00	397.60	GS
17-Apr	00:03	613583	0	4559.1	0.9	4758.10	0	143.50	0.5	1.69	64	4.00	397.00	GS
18-Apr	09:00	613642	70	4560	1.1	4758.10	0	143.00	1.0	1.59	60	2.00	396.40	GS
19-Apr	09:00	613712	48	4561.1	0.7	4758.10	0	142.00	1.0	1.42	58	4.00	395.40	GS
20-Apr	09:00	613760	90	4561.8	1.4	4758.10	0	141.00	2.0	1.61	54	4.00	394.40	dh
21-Apr	09:00	613850	67	4563.2	1	4758.10	0	139.00	1.0	1.59	50	2.00	393.00	dh
22-Apr	09:00	613917	82	4564.2	1.3	4758.10	0	138.00	2.0	1.59	48	4.00	391.60	GS
23-Apr	09:00	613999	62	4565.5	0.9	4758.10	0	136.00	1.0	1.40	44	4.00	390.20	GS
24-Apr	09:00	614061	60	4566.4	0.9	4758.10	0	135.00	1.5	1.44	40	4.00	389.40	GS
25-Apr	09:00	614121	57	4567.3	0.9	4758.10	0	133.50	0.5	1.37	38	2.00	388.40	GS
26-Apr	09:00	614178	58	4568.2	0.9	4758.10	0	133.00	1.0	1.40	36	4.00	387.20	GS
27-Apr	09:00	614236	79	4569.1	1.2	4758.10	0	132.00	2.0	1.49	32	4.00	386.00	JH
28-Apr	09:00	614315	70	4570.3	1.1	4758.10	0	130.00	2.0	1.59	28	4.00	384.80	JH
29-Apr	09:00	614385	58	4571.4	0.9	4758.10	0	128.00	0.5	1.85	24	4.00	383.60	GS
30-Apr	09:00	614443	90	4572.3	1.4	4758.10	0	127.50	1.5	1.46	20	2.00	382.60	GS
1-May	09:00	614533		4573.7		4758.10		126.00		1.40	18		381.00	GS
TOT			1933				0			44.14				
AVE			64				0			1.38				
MAX			91				0			1.85				
MIN			0				0			0.61				

SIGNATURE:  **Jon Stear**
PHONE: 815-224-1650

DAILY DISTRIBUTION MONITORING REPORT

**VILLAGE OF POPLAR GROVE
FOR THE MONTH OF April, 2024
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES**

Date	North System (Wells 2 & 3)				West System (Well 4)				South System (Wells 5 & 6)				Flouride Analysis					
	Site #	Free Cl ₂	Total Cl ₂	PO ₄	Site #	Free Cl ₂	Total Cl ₂	PO ₄	Site #	Free Cl ₂	Total Cl ₂	PO ₄	Operator Initials	Slope Standard	Well #2	Well #3	Well #4	Well #5-6
1	school				garage	0.80		1.55	tower	1.14		1.56	GS			1.10	0.70	0.61
2	village	1.14		0.97	gas	1.07		1.4	GC	1.22		1.6	GS			0.96	0.74	0.65
3	school	1.37		1.19	gas	0.9		1.35	tower	1.38		1.74	GS			0.92	0.79	0.62
4	village	0.85		1.55	garage	0.97		1.81	GC	1.04		1.17	GS			1.30	0.83	0.55
5	fh	1.16		1.19	oak lawn	0.62		1.46	tower	1.12		1.64	dh			1.30	0.63	0.54
6																0.85	0.57	0.64
7																1.00	0.55	0.55
8	school	0.82		0.61	gas	1.06		1.29	GC	0.97		1.18	GS			1.20	0.68	0.56
9	village	0.82		2.13	garage	1.04		1.46	tower	1.16		1.98	GS			1.20	0.93	0.60
10	school	1.55		1.06	oak lawn	0.89		1.16	GC	1		1.06	GS			1.10	0.68	0.65
11	FH	1.06		2.09	Gas	1.01		1.19	tower	1.19		1.17	GS			0.97	0.68	0.55
12	Village	0.93		1.93	garage	0.98		1.36	GC	1.09		1.09	GS			0.83	0.62	0.66
13													GS			0.73	0.62	0.71
14													GS			1.20	0.71	0.58
15	school	1.04		1.01	oak lawn	1.23		1.13	tower	1.14		1.19	GS			1.20	0.67	0.64
16	FH	1.13		1.31	Gas	1.07		1.35	GC	1.18		1.09	GS			1.20	0.61	0.57
17	village	0.67		1.66	garage	1.17		1.51	tower	1.66		1.50	GS			1.00	0.64	0.59
18	school	1.43		1.06	oak lawn	0.64		1.11	GC	1.12		1.07	GS			0.99	0.62	0.62
19	village	0.88		1.83	gas	0.93		1.35	tower	1.31		1.16	GS			1.70	0.67	0.59
20		1.13														1.10	0.64	0.57
21																0.98	0.63	0.56
22	FH	1.13		1.38	garage	0.73		1.67	GC	1.1		1.02	GS			1.80	0.70	0.46
23	school	1.38		1.09	oak lawn	1		1.22	tower	1.31		1.2	GS			1.00	0.62	0.60
24	Village	1.14		1.92	gas	0.94		1.3	GC	1.14		1.03	GS			1.30	0.67	0.57
25	FH	0.99		1.38	garage	0.74		1.61	tower	1.25		1.11	GS			1.20	0.66	0.59
26	school	1.45		1.06	oak lawn	1.2		1.27	GC	1.16		1.04	GS			0.80	0.73	0.57
27																0.85	0.66	0.60
28																0.84	0.66	0.60
29	village	0.87		1.78	gas	0.87		1.32	tower	1.58		1.31	GS			0.90	0.82	0.65
30	school	1.29		1.07	garage	0.81		1.51	GC	1.19		0.94	GS			0.97	0.71	0.58
31																		

Signature:  Ion Stear

PHONE: 815-224-1650