



2323 Fourth Street, PO Box 483 Peru, IL 61354

Phone: 815-224-1650 Toll Free: 800-659-4659

www.testinc.com

August 8, 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 June 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 had a motor starter go bad and replaced it at Collection Point Lift Station.
- Set up Collins to come out in September to clean the lift stations.
- All generator yearly maintenance and inspections we completed.
- Weed killed around lift station panels.
- Found an issue with a post at the Ray Street Lift Station. We are working with public works on it.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Decanted digesters.
- Tested all emergency wash stations.
- We had the yearly inspection and maintenance done for the generator.
- The screen has been working well since the last issue we had with it.
- We've been talking about the Scada project and looking at different avenues to take. David and I believe the best thing to do is wave the bid process and hire Complete Integration.
- 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.**

South WWTP:

- Decanted digesters.



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- Generator PM and yearly inspection was done.
- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Tested all emergency wash stations.
- Sludge was moved from the drying beds.
- Ordered sand filter pumps and are waiting for their arrival.

Water System:

- Cleaned well houses.
- All daily checks have been completed.
- Lead and copper samples have been sent out to residents and collected.
- Test ran portable generators under load at well house and lift station.

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.

A handwritten signature in black ink, appearing to read "Ion Stear".

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(b), 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 NPDES@EPA.gov 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)(ii). 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 outfall. 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 #: IL0023451
Major: No
Permitted Features: 001 External Outfall
Report Dates & Status: From 06/01/24 to 06/30/24
Monitoring Period: Considerations for Form Completion
BOW ID: W0070150007; DMF LOAD LIMITS DISPLAYED MONITORING LOCATION *1* IS MONTHLY AVERAGE AND DAILY MAXIMUM MONITORING LOCATION *8* IS FORWEEKLY AVERAGE
Principal Executive Officer: Ion Stear
First Name: Ion
Last Name: Stear
No Data Indicator (NODI): -
Form NODI: -

Permittee: POPLAR GROVE, VILLAGE OF
Permittee Address: 200 NORTH HILL STREET
 POPLAR GROVE, IL 61065
Facility: POPLAR GROVE - NORTH WWTP, VILLAGE OF
Facility Location: 205 EDSON RD
 POPLAR GROVE, IL 61065
Discharge: 001-D STP OUTFALL
DMR Due Date: 07/25/24
Status: NetDMR Validated
Title: Certified Operator
Telephone: 815-224-1650

Code	Parameter Issue	Monitoring Location	Season #	Param NODI	Qualifier	Value 1	Qualifier	Value 2	Units	Qualifier	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample							19 - mg/L	0	02DA - 2 Days Every Week	GR - GRAB
					Permit Req. Value NODI							19 - mg/L	0		
					Sample							19 - mg/L	0		
					Permit Req. Value NODI							19 - mg/L	0		
00400	pH	1 - Effluent Gross	0	-	Sample							12 - SU	0	02DA - 2 Days Every Week	GR - GRAB
					Permit Req. Value NODI							12 - SU	0		
					Sample							12 - SU	0		
					Permit Req. Value NODI							12 - SU	0		
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample							19 - mg/L	0	02DA - 2 Days Every Week	CP - COMPOS
					Permit Req. Value NODI							19 - mg/L	0		
					Sample							19 - mg/L	0		
					Permit Req. Value NODI							19 - mg/L	0		
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	Sample							19 - mg/L	0	02DA - 2 Days Every Week	CP - COMPOS
					Permit Req. Value NODI							19 - mg/L	0		
					Sample							19 - mg/L	0		
					Permit Req. Value NODI							19 - mg/L	0		
50050	Flow, in conduit or thru plant	1 - Effluent Gross	0	-	Sample							13 - MGD	0	9999 - Continuous	GR - GRAB
					Permit Req. Value NODI							13 - MGD	0		
					Sample							13 - MGD	0		
					Permit Req. Value NODI							13 - MGD	0		
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample							19 - mg/L	0	0130 - Monthly	GR - GRAB
					Permit Req. Value NODI							19 - mg/L	0		
					Sample							19 - mg/L	0		
					Permit Req. Value NODI							19 - mg/L	0		
74655	Coliform, fecal general	1 - Effluent Gross	0	-	Sample							13 - #/100mL	0	0130 - Monthly	GR - GRAB
					Permit Req. Value NODI							13 - #/100mL	0		
					Sample							13 - #/100mL	0		
					Permit Req. Value NODI							13 - #/100mL	0		

Gross

80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Value MODS		Value MODS		17.664	208.0 DAILY MX	26 - lbd	6.0	10.0 MO AVG	20.0 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	CP - COMPOS
					Sample	Parent Res. Value MODS	Sample	Parent Res. Value MODS									
					17.664	104.0 MO AVG	208.0 DAILY MX	26 - lbd	6.0	10.0 MO AVG	20.0 DAILY MX	19 - mg/L	02/DA - 2 Days Every Week	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 Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

POPULAR GROVE, VILLAGE OF

User:

ebungamer

Name:

Elaine Bumgamer

E-Mail:

ebungamer@vestinc.com

Date/Time:

2024-07-23 15:32 (Time Zone: -05:00)

Report Last Signed By

User:

IONSTEAR

Name:

Ion Stear

E-Mail:

istear@vestinc.com

Date/Time:

2024-08-01 09:22 (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		
Report Dates & Status		DMR Due Date:	07/25/24	Status:	NetDWR Validated
Monitoring Period:	From 06/01/24 to 06/30/24				
Considerations for Form Completion					
BOW ID:	W0070150007				
Principal Executive Officer					
First Name:	Ion	Title:	Certified Operator	Telephone:	815-224-1650
Last Name:	Stear				
No Data Indicator (NDDI)					
Form NDDI:					

Code	Parameter Name	Monitoring Location	Season #	Param. NDDI	Sample Period	Sample Period NDDI	Value NDDI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00510	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--									111.5			19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS	
													Req Mon MO AVG			19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS	
00530	Solids, total suspended	G - Raw Sewage Influent	0	--									150.5			19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS	
													Req Mon MO AVG			19 - mg/L	02DA - 2 Days Every Week	CP - COMPOS	
50050	Flow, In conduit or thru treatment plant	G - Raw Sewage Influent	0	--				0.321					0.55			03 - MGD	03 - MGD	8999 - Continuous	
								Req Mon MO AVG					Req Mon DAILY MX			03 - MGD	03 - MGD	8999 - Continuous	

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Tracing, 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@estinc.com

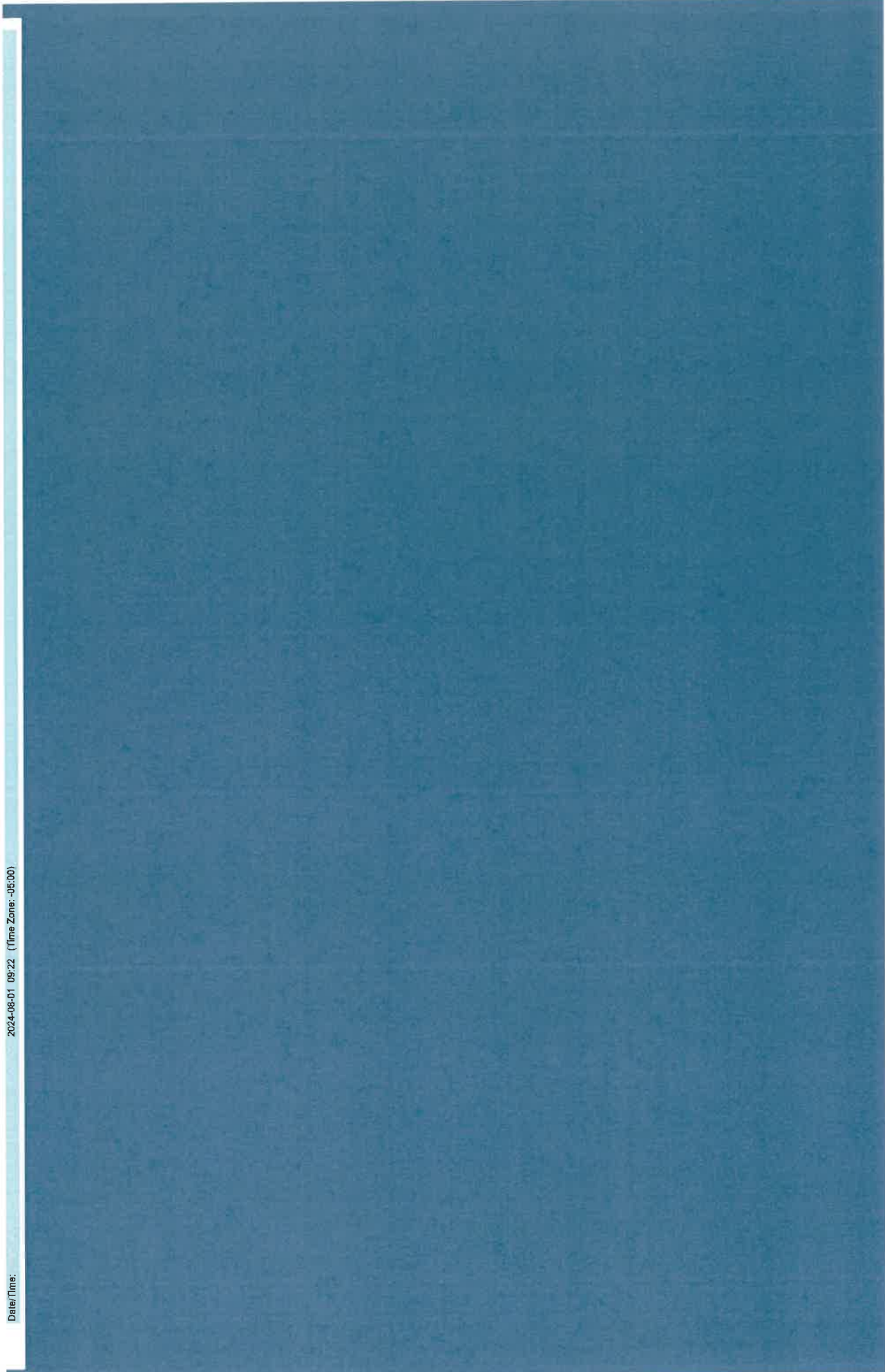
Date/Time: 2024-07-23 15:32 (Time Zone: -05:00)

Report Last Signed By

User: IONSTEAR
Name: Ion Stear
E-Mail: istear@estinc.com

Date/Time:

2024-08-01 09:22 (Time Zone: -05:00)



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Permit #	IL0071447	Permittee	POPLAR GROVE, VILLAGE OF	Facility	POPLAR GROVE SOUTH STP, VILLAGE OF					
Major	Yes	Permittee Address	200 S HILL ST POPLAR GROVE, IL 61065	Facility Location	12211 STATE ROUTE 76 POPLAR GROVE, IL 61065					
Permitted Feature	001 External Outfall	Discharge	001-0 STP-OUTFALL							
Report Dates & Status	From 06/01/24 to 06/30/24	DMR Due Date	07/25/24	Status	Not DMR Validated					
Monitoring Period	Considerations for Form Completion									
BOW ID	W0070150006; DMF LOAD LIMITS DISPLAYED.									
Principal Executive Officer										
First Name	Ion	Title	Certified Operator							
Last Name	Stear									
No Data Indicator (NODI)										
Form NODI										
Facility Name	Monitoring Location	Season	Param. NODI	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	0	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00400	pH	0	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00530	Solids, total suspended	0	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00600	Nitrogen, total [as N]	0	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00610	Nitrogen, ammonia total [as N]	1	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00610	Nitrogen, ammonia total [as N]	1	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00655	Phosphorus, total [as P]	0	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00300	1 - Effluent Gross	0	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00400	1 - Effluent Gross	0	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00530	1 - Effluent Gross	0	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00600	1 - Effluent Gross	0	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00610	1 - Effluent Gross	1	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00610	8 - Other Treatment, Process Complete	1	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type
00655	1 - Effluent Gross	0	-	Sample Permit Rec. Value NODI	Quantity on Loading	Quality or Concentration	Units	# of Samples	Frequency of Analysis	Sample Type

Sample Permit Reg. Value NODI	0.335	Req Mon MO AVG	1.48	Req Mon DAILY MX	03 - MGD	9999 - Continuous
50050	Flow, in conduit or thru treatment plant	0	0	0	0	9999 - Continuous
50060	Chlorine, total residual	0	0	0	0	9999 - Continuous
74055	Coliform, fecal general	0	0	0	0	9999 - Continuous
80082	BOD, carbonaceous [5 day, 20 C]	0	0	0	0	9999 - Continuous

Sample Permit Reg. Value NODI	0.05 DAILY MX	9 - Conditional Monitoring - Not Required This Period	19 - mg/L	CLJOC - Chlorination Occurrences	GR - GRAB
74055	7405.0	400.0 DAILY MX	13 - #/100mL	03DW - 3 Days Every Week	GR - GRAB
80082	5.833	20.0 DAILY MX	13 - #/100mL	03DW - 3 Days Every Week	GR - GRAB
80082	10.0 MO AVG	20.0 DAILY MX	19 - mg/L	03DW - 3 Days Every Week	CP - COMPOS
80082	10.0 MO AVG	20.0 DAILY MX	19 - mg/L	03DW - 3 Days Every Week	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 Analysis, and Sample Type.

Edit Check Errors

Code	Parameter Name	Monitoring Location	Quality or Concentration	Sample Value	Units	Type	Description	Acknowledge
74055	Coliform, fecal general	1 - Effluent Gross	Quality or Concentration	Sample Value 3	Soft		The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments
 We had an issue with our UV lights, the issue has been fixed and will return to compliance.

Attachments
 No attachments.

Report Last Saved By
 IONSTEAR

Name:
 Ion Stear

E-Mail:
 istear@testinc.com

Date/Time:
 2024-08-01 09:20 (Time Zone: -05:00)

Report Last Signed By
 IONSTEAR

Name:
 Ion Stear

E-Mail:
 istear@testinc.com

Date/Time:
 2024-08-01 09:22 (Time Zone: -05:00)

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Form Approved OMB No. 2040-0004 expires on 07/31/2026

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Permit #: IL0071447	Permittee: POPLAR GROVE, VILLAGE OF	Facility: POPLAR GROVE SOUTH STP, VILLAGE OF
Major: Yes	Permittee Address: 200 S HILL ST POPLAR GROVE, IL 61065	Facility Location: 12211 STATE ROUTE 76 POPLAR GROVE, IL 61065
Permitted Feature: INF Influent Structure	Discharge: INF-L INFLUENT MONITORING	Status: NetDWR Validated
Report Dates & Status Monitoring Period: From 06/01/24 to 06/30/24	DMR Due Date: 07/25/24	Telephone: 815-224-1650
Considerations for Form Completion BOW ID: W0070150006 Principal Executive Officer	Title: Certified Operator	
First Name: Ion		
Last Name: Stear		
No Data Indicator (NDDI) Form NDDI:		
Sample	Quantity of Sampling	Frequency of Analysis
00310 BOD, 5-day, 20 deg. C	101.083 Req Mon MO AVG	03DW - 3 Days Every Week 03DW - 3 Days Every Week 03DW - 3 Days Every Week
00530 Solids, total suspended	174.839 Req Mon MO AVG	03DW - 3 Days Every Week 03DW - 3 Days Every Week 03DW - 3 Days Every Week
00655 Phosphorus, total [as P]	6.987 Req Mon MO AVG	03DW - 3 Days Every Week 03DW - 3 Days Every Week 03DW - 3 Days Every Week
50050 Flow, In conduit or thru treatment plant	20.6 Req Mon DAILY MX	03DW - 3 Days Every Week 03DW - 3 Days Every Week 03DW - 3 Days Every Week

Submission Note
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Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
POPLAR GROVE, VILLAGE OF

User:
ebungamer
Eaine Bungamer
ebungamer@resinc.com

Name:
Eaine Bungamer

E-Mail:
ebungamer@resinc.com

Date/Time:
2024-07-23 15:38 (Time Zone: -05:00)

Report Last Signed By
IONSTEAR

Name:

Jon Staar

E-Mail:

lstaar@tesinc.com

Date/Time:

2024-09-01 09:22 (Time Zone: -05:00)

VILLAGE OF POPLAR GROVE - NORTH
ILL0070150
MONTHLY OPERATING REPORT
FOR THE MONTH OF JUNE 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-May	08:00	435856		10064.5	0	32985.50		159.00		1.33	32		50.50	0.0	DH
1-Jun	08:00	435968	138	10064.5	0	32991.30	7.00	158.90	1.9	1.60	24/100	4.00	50.50	0.5	DH
2-Jun	08:00	436106	203	10064.5	0	32998.30	10.40	157.00	3.0	1.78	96	8.00	50.00	0.0	DHR
3-Jun	08:00	436309	131	10064.5	0	33008.70	6.70	154.00	1.0	1.45	88	6.00	50.00	0.0	IS
4-Jun	08:00	436440	145	10064.5	0	33015.40	7.40	153.00	1.0	1.61	82	5.00	50.00	0.5	IS
5-Jun	08:00	436585	151	10064.5	0	33022.80	7.70	152.00	4.0	1.11	77	7.00	49.50	0.3	DHR
6-Jun	08:00	436736	126	10064.5	0	33030.50	6.50	148.00	1.0	1.38	70	6.00	49.25	0.3	DH
7-Jun	08:00	436862	179	10064.5	0	33037.00	9.10	147.00	3.0	1.13	64	4.00	49.00	0.5	DH
8-Jun	08:00	437041	152	10064.5	0	33046.10	7.90	144.00	2.0	1.43	60	8.00	48.50	0.5	JH
9-Jun	08:00	437193	190	10064.5	0	33054.00	9.70	142.00	2.0	1.60	52	8.00	48.00	0.0	JH
10-Jun	08:00	437383	120	10064.5	0	33063.70	6.00	140.00	2.0	1.60	44	4.00	48.00	0.5	JH
11-Jun	08:00	437503	168	10064.5	0	33069.70	8.70	138.00	3.0	1.80	40	6.00	47.50	0.5	JH
12-Jun	08:00	437671	182	10064.5	0	33078.40	9.40	135.00	3.0	1.08	34/100	10.00	47.00	0.0	JH
13-Jun	08:00	437853	158	10064.5	0	33087.80	8.10	132.00	2.5	1.50	90	4.00	47.00	0.5	DH
14-Jun	08:00	438011	158	10064.5	0	33095.90	7.10	129.50	2.5	1.70	86	6.00	46.50	0.3	DHR
15-Jun	08:00	438169	161	10064.5	0	33103.00	9.30	127.00	3.0	1.36	80	6.00	46.25	0.3	DHR
16-Jun	08:00	438330	165	10064.5	0	33112.30	8.40	124.00	3.0	1.12	74	6.00	46.00	0.5	DH
17-Jun	08:00	438495	177	10064.5	0	33120.70	9.20	121.00	3.0	1.44	68	8.00	45.50	0.5	Bh
18-Jun	08:00	438672	175	10064.5	0	33129.90	9.00	118.00	3.5	1.58	60	6.00	45.00	0.3	BH
19-Jun	08:00	438847	199	10064.5	0	33138.90	10.20	114.50	2.5	1.89	54	9.00	44.75	0.0	Bh
20-Jun	08:00	439046	167	10064.5	0	33149.10	8.60	112.00	1.0	1.38	45	7.00	44.75	0.5	DHR
21-Jun	08:00	439213	133	10064.5	0	33157.70	6.80	111.00	2.0	1.40	38	4.00	44.25	0.3	dh
22-Jun	08:00	439346	153	10064.5	0	33164.50	7.90	109.00	2.0	1.27	34	4.00	44.00	0.3	JH
23-Jun	08:00	439499	133	10064.5	0	33172.40	6.80	107.00	4.0	1.34	30	10.00	43.75	0.3	JH
24-Jun	08:00	439632	133	10064.5	0	33179.20	5.80	103.00	1.5	1.70	20/100	4.00	43.50	0.3	Bh
25-Jun	08:00	439765	174	10064.5	0	33185.00	9.80	101.50	3.0	1.78	96	8.00	43.25	0.3	Bh
26-Jun	08:00	439939	142	10064.5	0	33194.80	7.40	98.50	3.5	1.70	88	4.00	43.00	0.0	Bh
27-Jun	08:00	440081	142	10064.5	0	33202.20	7.20	95.00	2.0	1.68	84	8.00	43.00	0.5	Bh
28-Jun	08:00	440223	153	10064.5	0	33209.40	7.80	93.00	2.0	1.60	76	4.00	42.50	0.5	Bh
29-Jun	08:00	440376	137	10064.5	0	33217.20	7.00	91.00	2.0	1.73	72	6.00	42.00	0.1	DH
30-Jun	08:00	440513	139	10064.5	0	33224.20	7.10	89.00	4.0	2.05	66	6.00	41.90	0.4	DH
1-Jul	08:00	440652	-440652	10064.5	-10064.5	33231.30	-33231.30	85.00	85.0	1.26	60	60.00	41.50	41.5	
TOT			4684				240			48.38					
AVE			156				8			1.51					
MAX			203				10			2.05					
MIN			120				6			1.08					

Ion Stear

SIGNATURE:
 PHONE: 815-224-1650

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

Date	Time	Flow Meter		Hour Meter Well 4		Chlorine Feed		Phosphate Feed		Flouride Feed		Operator Initials	
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L		Scale
31-May	08:30	395659		8881.78		157.50		1.66	16/100		431.20	DH	
1-Jun	08:30	395717	58	8882.98	1.38	156.00	2.5	2.00	96	6.00	429.90	DH	
2-Jun	08:30	395775	99	8884.36	2.36	153.50	2.5	0.91	90	8.00	428.50	DH	
3-Jun	08:30	395874	78	8886.72	1.6	151.00	3.0	1.03	82	3.00	426.30	IS	
4-Jun	08:30	395952	57	8888.32	1.61	148.00	1.0	1.20	79	7.00	424.60	IS	
5-Jun	08:30	396009	78	8889.93	1.83	147.00	1.5	1.25	72	6.00	423.40	DH	
6-Jun	08:30	396087	56	8891.76	1.36	145.50	2.0	1.10	66	5.00	422.30	DH	
7-Jun	08:30	396143	75	8893.12	1.88	143.50	2.5	1.54	61	5.00	421.30	DH	
8-Jun	08:30	396218	59	8895	1.32	141.00	0.0	2.26	56	6.00	418.50	JH	
9-Jun	08:30	396277	65	8896.32	1.86	140.00	1.0	2.06	50	6.00	417.90	JH	
10-Jun	08:30	396342	59	8898.18	1.38	139.00	3.0	2.26	44	4.00	417.20	JH	
11-Jun	08:30	396401	67	8899.56	0.82	136.00	2.0	3.28	40	4.00	416.10	JH	
12-Jun	08:30	396468	79	8900.38	2.4	134.00	1.0	2.49	36/100	6.00	414.70	JH	
13-Jun	08:30	396547	75	8902.78	1.79	133.00	1.5	1.14	94	6.00	412.80	DHR	
14-Jun	08:30	396622	59	8904.57	1.39	131.50	1.5	1.27	88	4.00	411.40	DH	
15-Jun	08:30	396681	57	8905.96	1.38	130.00	1.0	1.24	84	6.00	410.70	DH	
16-Jun	08:30	396738	79	8907.34	1.88	129.00	2.0	1.23	78	6.00	409.50	DH	
17-Jun	08:30	396817	77	8909.22	1.83	127.00	2.5	1.88	72	8.00	407.40	Bh	
18-Jun	08:30	396894	57	8911.05	1.35	124.50	1.5	1.86	64	4.00	405.90	Bh	
19-Jun	08:30	396951	95	8912.4	2.27	123.00	2.0	2.10	60	6.00	404.80	Bh	
20-Jun	08:30	397046	75	8914.67	1.8	121.00	1.5	1.39	54	6.00	402.70	DH	
21-Jun	08:30	397121	60	8916.47	1.36	119.50	1.5	1.11	48	4.00	401.10	DH	
22-Jun	08:30	397181	74	8917.83	1.22	118.00	118.0	1.93	44	5.00	399.90	JH	
23-Jun	08:30	397255	55	8919.05	1.89	117.00	2.0	1.59	39	9.00	398.80	JH	
24-Jun	08:30	397310	55	8920.94	1.3	115.00	1.5	1.63	30	2.00	397.30	Bh	
25-Jun	08:30	397365	74	8922.24	1.76	113.50	1.5	1.63	28/100	6.00	396.10		
26-Jun	08:30	397439	57	8924	1.36	112.00	1.0	1.31	94	4.00	394.50	0.80	
27-Jun	08:30	397496	57	8925.36	1.34	111.00	2.0	1.59	90	4.00	393.70	1.00	
28-Jun	08:30	397553	75	8926.7	1.79	109.00	1.0	1.09	86	8.00	392.70	2.10	
29-Jun	08:30	397628	56	8928.49	1.33	108.00	1.0	2.20	78	4.00	390.60	0.90	
30-Jun	08:30	397684	79	8929.82	1.84	107.00	2.0	1.23	74	6.00	389.70	1.50	
1-Jul	08:30	397763	-397763	8931.66	-8931.66	105.00	105.0	1.02	68	68.00	388.20	388.20	
TOT			2046					51.48					44.18
AVE			68					1.61					1.38
MAX			99					3.28					2.08
MIN			55					0.91					0.76

SIGNATURE:  Ion Stear
 PHONE: 815-224-1650

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

IL0070300

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	Ibs Used	Free	Scale	Ibs Used	Scale	
31-May	00:00	616888		4609.8		4758.10	0	159.00		1.25	76	402.80		DH
1-Jun	00:00	616917	87	4610.2	1.4	4758.10	-4758.1	158.90	1.9	1.47	74	402.40	1.40	DH
2-Jun	09:00	617004	119	4611.6	1.8	4758.10	0	157.00	2.0	1.90	70	401.00	2.00	DH
3-Jun	09:00	617123	89	4613.4	1.4	4758.10	0	155.00	2.0	0.99	64	399.00	1.60	IS
4-Jun	09:00	617212	58	4614.8	0.9	4758.10	0	153.00	1.0	1.70	60	397.40	1.00	IS
5-Jun	09:00	617270	63	4615.7	0.9	4758.10	0	152.00	0.5	1.67	56	396.40	1.20	DH
6-Jun	09:00	617333	115	4616.6	1.8	4758.10	0	151.50	2.0	1.27	54	395.20	1.80	DHR
7-Jun	09:00	617448	92	4618.4	1.3	4758.10	0	149.50	1.5	1.04	48	393.40	1.40	DH
8-Jun	09:00	617540	85	4619.7	1.4	4758.10	0	148.00	3.0	1.26	44	392.00	1.40	JH
9-Jun	09:00	617625	88	4621.1	1.4	4758.10	0	145.00	1.0	1.41	40	390.60	1.60	JH
10-Jun	09:00	617713	89	4622.5	1.4	4758.10	0	144.00	2.0	1.46	36	389.00	1.40	JH
11-Jun	09:00	617802	100	4623.9	1.8	4758.10	0	142.00	2.0	0.90	32	387.60	2.20	JH
12-Jun	09:00	617902	146	4625.7	1.9	4758.10	0	140.00	2.0	1.94	26/100	385.40	2.00	JH
13-Jun	09:00	618048	120	4627.6	1.8	4758.10	0	138.00	3.0	1.05	94	383.40	2.00	DH
14-Jun	09:00	618168	89	4629.4	1.5	4758.10	0	135.00	1.5	1.20	90	381.40	1.40	DHR
15-Jun	09:00	618257	122	4630.9	1.8	4758.10	0	133.50	3.0	0.80	84	380.00	2.20	DH
16-Jun	09:00	618379	89	4632.7	1.4	4758.10	0	130.50	1.5	1.09	78	377.80	1.40	DHR
17-Jun	09:00	618468	121	4634.1	1.8	4758.10	0	129.00	3.0	1.42	74	376.40	2.00	BH
18-Jun	09:00	618589	88	4635.9	1.4	4758.10	0	126.00	2.0	1.53	68	374.40	1.60	BH
19-Jun	09:00	618677	151	4637.3	2.3	4758.10	0	124.00	3.0	1.27	64	372.80	2.20	BH
20-Jun	09:00	618828	94	4639.6	1.5	4758.10	0	121.00	1.5	0.96	58	370.60	2.00	dh
21-Jun	09:00	618922	87	4641.1	1.3	4758.10	0	119.50	1.5	1.16	52	368.60	2.40	DH
22-Jun	09:00	619009	100	4642.4	1.4	4758.10	0	118.00	2.0	1.26	48	366.20	1.30	JH
23-Jun	09:00	619109	48	4643.8	0.9	4758.10	0	116.00	1.0	1.10	45	364.90	2.50	JH
24-Jun	09:00	619157	88	4644.7	1.3	4758.10	0	115.00	1.5	1.45	40	362.40	2.00	Bh
25-Jun	09:00	619245	87	4646	1.4	4758.10	0	113.50	1.5	1.38	38	360.40	1.80	Bh
26-Jun	09:00	619332	88	4647.4	1.3	4758.10	0	112.00	2.0	0.65	32	358.60	1.80	Bh
27-Jun	09:00	619420	88	4648.7	1.4	4758.10	-4758.1	110.00	1.0	0.95	28/100	356.80	1.40	Bh
28-Jun	09:00	619508	87	4650.1	1.3	4758.10	0	109.00	1.0	1.22	96	355.40	1.40	Bh
29-Jun	09:00	619595	88	4651.4	1.3	4758.10	0	108.00	1.5	1.66	92	354.00	1.80	DH
30-Jun	09:00	619683	91	4652.7	1.4	4758.10	0	106.50	2.5	1.69	88	352.20	1.20	DH
1-Jul	09:00	619774	-619774	4654.1	-4654.1	4758.10	-4758.1	104.00	104.0	1.22	82	351.00	351.00	BH
TOT			2857				-4758			41.32				
AVE			95				-153			1.29				
MAX			151				4758			1.94				
MIN			48				-4758			0.65				

SIGNATURE: _____
 PHONE: 815-224-1650
 Ion Stear

DAILY DISTRIBUTION MONITORING REPORT

VILLAGE OF POPLAR GROVE
 FOR THE MONTH OF JUNE 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																		
2																		
3	VH	0.76		1	TOWER	0.96		1.02	TOWER	0.9		1.11				0.63	0.61	0.62
4	PW	1.05		0.87	TOWER	0.84		0.77	TOWER	1.2		1				0.69	0.76	0.64
5																	1.00	0.55
6	Arturos	1.03		0.91	GAS	1.42		1.43	TOWER	1.72		1.03	DH	90%		0.47	0.76	0.71
7	VH	0.34		1.54	OL	0.77		0.95	GC	0.87		1.15	DH	90%		0.44	0.87	0.77
8																0.76	0.67	0.77
9																0.37	0.80	0.62
10	PW	0.5		1.09	Gas	1		0.98	Tower	1.15		1.16	JH	90%		0.59	0.68	0.98
11	Pw	0.69		1.27	OL	2		1.88	Gc	0.92		0.98	JH	90%		0.60	1.12	0.61
12	PW	0.89		1.19	Ol	0.89		0.86	Tower	1.19		1	JH	90%		0.58	0.71	0.69
13	VH	0.48		1.48	TOWER	0.79		1.07	Tower	1.51		1.07	DH			0.61	0.78	0.54
14	Arturos	0.86		1.45	Garage	1.17		1.38	GC	0.61		1.08	DH			0.40	0.83	0.31
15																0.52	0.48	0.51
16																0.55	0.69	0.69
17	VH	1.12		1.73	Gas	0.95		1.68	Tower	1.8		1.53	Bh	83%		0.42	0.72	0.46
18	PW	0.46		1.02	OL	1.4		1.48	Tower	1.56		1.52	Bh			0.46	0.54	0.91
19	VH	0.61		1.58	Garage	1.44		1.79	Tower	1.58		1.37	Bh			0.44	0.56	0.50
20	FH	0.93		1.76	Tower	0.88		1.49	GC	0.54		1.21	DH			0.34	0.32	0.89
21	VH	0.1		1.42	O.L	1.16		1.19	Towre	1.2.8		1.26	DH			0.51	0.72	0.56
22																0.29	0.61	0.56
23																0.34	0.70	0.52
24	Vh	1.1		1.68	OL	1.13		1.54	Tower	1.17		1.81	Bh			0.43	0.40	0.42
25	PW	0.92		1.34	Garage	1.38		1.66	Tower	1.09		1.7	Bh	114%		0.32	0.44	0.51
26	VH	0.53		1.04	Gas	1.27		1.5	Tower	0.48		1.16	Bh			0.47	0.69	0.58
27	PW	0.49		1.1	OL	1.03		1.67	GC	1.03		1.24				0.45	0.61	0.54
28	VH	0.66		1.33	Garage				Tower	0.86		1.35				0.63	0.94	0.62
29																0.52	0.65	0.57
30	PW	0.69		1.66	Garage	0.68		1.22	Tower	1.08		1.4				0.53	0.62	0.60
1																0.66	0.67	0.57

Signature:  Jon Stear
 PHONE: 815-245-1650