



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

August 7, 2023

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 2023 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:

- Cleaned all lift station floats and transducers.
- Ran and tested portable generators under load.
- Check all dialers to ensure they are working.
- Weed wacked all lift stations.
- Diagnosed and repaired Mini Cas controller at Oak Lawn lift station.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Still waiting on parts for the screen.
- Decanted digesters.
- Tested all emergency wash stations.
- Changed oil in digesters blowers.
- Received SAM unit from Aqua Tec and it's ready to install.

South WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- We changed all sampler tubing.
- Cleaned and inspected brushes on influent screen.
- Tested all emergency wash stations.
- Decanted digesters.
- We received the rebuilt SAM unit for SBR#. We are putting the plans together to get a



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crane out to install.

- We swapped over pumps and got 1 sand filter back online.
- We changed the oil in all the digester blowers.
- We ordered an auto flush valve for the air compressor to help with moisture in the lines.

Water System:

- Cleaned well houses.
- Weed trimmed all weeds around well houses.
- Cleaned and inspected injectors for all chemicals.
- All required EPA testing has been done.

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

Permit:	IL0023451	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE - NORTH WWTP, VILLAGE OF
Permit #:	No	Permittee Address:	200 NORTH HILL STREET POPLAR GROVE, IL 61065	Facility Location:	205 EDSON RD POPLAR GROVE, IL 61065
Major:		Discharge:	001-0 STP OUTFALL		
Permitted Feature:	001 External Outfall				

Considerations for Form Completion

Principal Executive Officer	
First Name:	Jon
Title:	Certified Operator
Telephone:	815-224-1650

No Data Indicator (NODI)

[illegible][illegible]

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 Error](#)

No attachments

User:	IONSTEAR
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2023-07-31 12:30 (Time Zone: -05:00)

Report Last Signed By

User: IONSTEAR
Name: Ion Stear
E-Mail: istear@teslinc.com
Date/Time: 2023-07-31 12:31 (Time Zone: -05:00)

DMR Copy of Record

Permit #: Major:		IL0023451 No		Permittee: Permittee Address:		POPLAR GROVE, VILLAGE OF 200 NORTH HILL STREET POPLAR GROVE, IL 61065		Facility: Facility Location:		POPLAR GROVE - NORTH WWTP, VILLAGE OF 205 EDSON RD POPLAR GROVE, IL 61065	
Permitted Feature:		INF Influent Structure		Discharge:		INF-L INFLUENT MONITORING					
Report Dates & Status				Monitoring Period:				Status:			
				From 06/01/23 to 06/30/23				NetDMR Validated			
Considerations for Form Completion											
BOW ID: W0070150007											
Principal Executive Officer				Title:				Certified Operator			
First Name: Last Name:				Ion Sleat				815-224-1650			
No Data Indicator (NODI)											
Form NODI:											
Parameter Title		Monitoring Location		Season		Permit NODI		Quantity for Loading		Quality or Concentration	
Title		Value 1		Value 2		Value 3		Qualifier 1		Qualifier 2	
Sample Permit Req.		Value NODI		Sample Permit Req.		Value NODI		Sample Permit Req.		Value NODI	
00310 BOD, 5-day, 20 deg. C		G - Raw Sewage Influent		0		-		0.168		0.289	
00530 Solids, total suspended		G - Raw Sewage Influent		0		-		0.168		0.289	
50050 Flow, in conduit or thru treatment plant		G - Raw Sewage Influent		0		-		0.168		0.289	
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:											
Name:											
E-Mail:											
Date/Time:											
Report Last Signed By											
User:											
Name:											
E-Mail:											
Date/Time:											

DMR Copy of Record

Permit		IL0071447		POPLAR GROVE, VILLAGE OF		POPLAR GROVE SOUTH STP, VILLAGE OF								
Permit #:		Yes		200 S HILL ST		12211 STATE ROUTE 76								
Major:				POPLAR GROVE, IL 61065		POPLAR GROVE, IL 61065								
Permitted Feature:		001 External Outfall		001-0 STP OUTFALL										
Report Dates & Status				Status: NetDMR Validated										
Monitoring Period:				DMR Due Date: 07/25/23										
Considerations for Form Completion														
BOW ID: W0070150008: DMF LOAD LIMITS DISPLAYED.														
Principal Executive Officer				Certified Operator										
First Name: Ion				Telephone: 815-224-1650										
Last Name: Stear														
No Data Indicator (NOD)														
Form NOD:														
Code	Parameter Name	Monitoring Location	Season #	Permit HOD	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	Units	Ref Ea	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD								03DW - 3 Days Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD								03DW - 3 Days Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD								03DW - 3 Days Every Week	GR - GRAB
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD								0130 - Monthly	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	-	Sample Permit Req. Value NOD								0130 - Monthly	CP - COMPOS
00650	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	-	Sample Permit Req. Value NOD								03DW - 3 Days Every Week	CP - COMPOS
00685	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD								03DW - 3 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD								9999 - Continuous	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD								9999 - Continuous	GR - GRAB

X 74055 Coliform, fecal general 1 - Effluent Gross 0 - 400.0 DAILY MX #100mL 03DW - 3 Days Every Week GR - GR4B

Min Value NOD		Max Value NOD	
Sample	<	6.165	<
Period	ca	209.0 MO AVG	<=
Max		417.0 DAILY MX	26 - lbid
Value NOD		20.0 DAILY MX	19 - mg/L

80002 BOD, carbonaceous [5 day, 20 C] 1 - Effluent Gross 0 - 2.917 < 6.0 03DW - 3 Days Every Week CP - COMPOS

Min Value NOD		Max Value NOD	
Sample	<	6.165	<
Period	ca	209.0 MO AVG	<=
Max		417.0 DAILY MX	26 - lbid
Value NOD		20.0 DAILY MX	19 - mg/L

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	Field	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
00530	Solids, total suspended	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 issues with a sand filter. When we went in to by pass it sent some sludge that was silting in the bypass pipe to the UV channel and made us pop on our testing. Issues have been fixed and sand filter is back running.

Attachments
No attachments.

Report Last Saved By
POPULAR GROVE, VILLAGE OF

User:
Name: IONSTEAR
E-Mail: ion.stear@lestinc.com

Date/Time: 2023-07-31 12:30 (Time Zone: -05:00)

Report Last Signed By

User:
Name: IONSTEAR
E-Mail: ion.stear@lestinc.com

Date/Time: 2023-07-31 12:31 (Time Zone: -05:00)

DMR Copy of Record

Permit
 Permit #: IL0071447
 Major: Yes
 Permitted Feature: INF Influent Structure
 Facility: POPLAR GROVE, VILLAGE OF
 Facility Location: 12211 STATE ROUTE 76
 POPLAR GROVE, IL 61065

Report Dates & Status
 Monitoring Period: From 06/01/23 to 06/30/23
 Considerations for Form Completion: 07/25/23
 BOW ID: W0070150006
 Principal Executive Officer: Ion Stear
 First Name: Ion
 Last Name: Stear
 No Data Indicator (NODI):
 Form NODI: 0

Discharge:
 Discharge: INF-L
 Influent Monitoring
 DMR Due Date: 07/25/23
 Status: Not DMR Validated
 Certified Operator: 815-224-1650
 Telephone: 815-224-1650

Code	Parameter Name	Monitoring Location	Seasonal Periods NODI	Sample Period (hrs)	Value NODI	Quantity as Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-	-	-	-	-	-	-	-	-	-	-	03DW - 3 Days Every Week	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	-	-	-	-	-	-	-	-	-	-	-	03DW - 3 Days Every Week	CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-	-	-	-	-	-	-	-	-	-	-	03DW - 3 Days Every Week	CP - COMPOS
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-	-	-	-	-	-	-	-	-	-	-	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
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By: POPLAR GROVE, VILLAGE OF

User: eburgamer
Name: Elaine BURGAMER
E-Mail: eburgamer@iesinc.com
Date/Time: 2023-07-20 15:49 (Time Zone: -05:00)

Report Last Signed By: IONSTEAR
User: Ion Stear
Name: Ion Stear
E-Mail: istear@iesinc.com
Date/Time: 2023-07-31 12:31 (Time Zone: -05:00)

VILLAGE OF POPLAR GROVE - NORTH
 FOR THE MONTH OF June 2023
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070150
 MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 2		Hour Meter Well 3		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
31-May	11:00	382279		10063.8	0	30249.20		67.50		0.99	20		0.65	26.00	0.0	Mjh
1-Jun	11:00	382466	156	10063.8	0	30258.50	8.20	64.20	1.2	0.38	10/100	9.00	0.52	26.00	0.0	Mjh
2-Jun	11:00	382622	213	10063.8	0	30266.70	10.10	63.00	3.0	1.51	91	2.00	0.76	26.00	1.0	Mjh
3-Jun	11:00	382835	204	10063.8	0	30276.80	10.30	60.00	1.0	1.36	89	9.00	0.48	25.00	0.5	Mjh
4-Jun	11:00	383039	214	10063.8	0	30287.10	9.70	59.00	3.0	1.03	80	8.00	0.39	24.50	0.5	Mjh
5-Jun	11:00	383253	168	10063.8	0	30296.80	9.23	56.00	3.0	1.02	72	5.00	0.70	24.00	0.5	Mjh
6-Jun	11:00	383421	225	10063.8	0	30306.03	11.47	53.00	2.0	0.85	67	8.00	0.81	23.50	0.5	Mjh
7-Jun	11:00	383646	164	10063.8	0	30317.50	9.20	51.00	1.0	0.89	59	9.00	0.59	23.00	0.4	Mjh
8-Jun	11:00	383810	176	10063.8	0	30326.70	7.60	50.00	2.0	1.03	50	7.00	0.99	22.60	0.6	Mjh
9-Jun	11:00	383986	206	10063.8	0	30334.30	10.30	48.00	3.0	0.77	43	6.00	2.00	22.00	0.1	Mjh
10-Jun	11:00	384192	207	10063.8	0	30344.60	10.70	45.00	3.0	1.02	37	8.00	1.78	21.90	0.9	Mjh
11-Jun	11:00	384399	177	10063.8	0	30355.30	8.80	42.00	2.0	1.07	29	9.00	1.24	21.00	0.2	Mjh
12-Jun	11:00	384576	155	10063.8	0	30364.10	7.80	40.00	2.0	0.95	20/100	9.00	1.04	20.80	0.7	Mjh
13-Jun	11:00	384731	141	10063.8	0	30371.90	-93.00	38.00	1.0	0.80	98	7.00	0.81	20.10	0.1	Mjh
14-Jun	11:00	384872	162	10063.8	0	30278.90	108.20	37.00	2.0	0.73	91	1.00	1.59	20.00	0.2	Mjh
15-Jun	11:00	385034	200	10063.8	0	30387.10	10.00	35.00	3.0	0.66	90	2.50	0.97	19.80	0.8	Mjh
16-Jun	11:00	385234	162	10063.8	0	30397.10	8.10	32.00	3.0	0.67	87.5	8.50	1.49	19.00	0.5	Mjh
17-Jun	11:00	385396	231	10063.8	0	30405.20	11.70	29.00	2.5	1.13	79	17.00	0.79	18.50	0.7	Mjh
18-Jun	11:00	385627	230	10063.8	0	30416.90	11.50	26.50	3.5	0.98	62	9.00	1.16	17.80	0.8	Mjh
19-Jun	11:00	385857	230	10063.8	0	30428.40	11.60	23.00	3.0	1.48	53	7.00	0.70	17.00	1.0	Mjh
20-Jun	11:00	386087	230	10063.8	0	30440.00	11.60	157.00	3.0	1.92	46	10.00	1.09	51.00	1.0	Mjh
21-Jun	11:00	386317	201	10063.8	0	30451.60	10.10	154.00	3.0	1.37	36	10.00	1.20	50.00	0.7	Mjh
22-Jun	11:00	386518	209	10063.8	0	30461.70	10.40	151.00	3.0	1.47	26	10.00	2.55	49.30	0.3	Mjh
23-Jun	11:00	386727	182	10063.8	0	30472.10	9.20	148.00	3.0	1.42	18/100	8.00	1.32	49.00	1.0	DHR
24-Jun	11:00	386909	191	10063.8	0	30481.30	9.00	145.00	2.0	1.32	93	7.00	1.40	48.00	0.5	Mjh
25-Jun	11:00	387100	168	10063.8	0	30490.30	9.10	143.00	2.0	0.89	86	7.00	1.79	47.50	0.5	Mjh
26-Jun	11:00	387268	149	10063.8	0	30499.40	7.50	141.00	2.5	1.44	79	7.00	0.99	47.00	0.5	Mjh
27-Jun	11:00	387417	204	10063.8	0	30506.90	8.80	138.50	2.5	1.54	72	6.00	1.51	46.50	1.5	Mjh
28-Jun	11:00	387621	160	10063.8	0	30515.70	5.70	136.00	2.0	1.14	66	6.00	1.26	45.00	0.5	Mjh
29-Jun	11:00	387781	200	10063.8	0	30521.40	8.80	134.00	1.0	1.10	60	5.00	1.31	44.50	0.25	Mjh
30-Jun	11:00	387981	81	10063.8	0	30530.20	9.20	133.00	1.0	0.99	55	8.00	1.18	44.25	0.25	Mjh
1-Jul	11:00	388062		10063.8		30539.40		133.00		0.88	47		1.35	44.00		Mjh
TOT			5596				281			34.80			36.41			
AVE			187				9			1.09			1.14			
MAX			231				108			1.92			2.55			
MIN			81				-93			0.38			0.39			

SIGNATURE:
 PHONE: 815-224-1650

Jon Stear

VILLAGE OF POPLAR GROVE - WEST IL0070350
 FOR THE MONTH OF June 2023 MONTHLY OPERATING REPORT
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

Date	Time	Flow Meter		Hour Meter Well 4		Chlorine Feed			Phosphate Feed			Fluoride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	
31-May	11:40	370379		8300.39		90.00			29			371.90		Mjh
1-Jun	11:40	371055	72	8302.01	1.8	88.00	1.0	1.23	22/100	5.00	1.54	370.20	1.20	Mjh
2-Jun	11:40	371127	63	8303.81	1.47	87.00	1.0	1.45	95	3.00	1.93	369.00	0.90	Mjh
3-Jun	11:40	371190	87	8305.28	2.03	86.00	3.0	1.89	92	6.00	1.23	368.10	1.40	Mjh
4-Jun	11:40	371277	95	8307.31	2.1	83.00	1.0	2.03	86	6.00	1.89	366.70	1.40	MJH
5-Jun	11:40	371372	61	8309.41	1.53	82.00	1.0	1.31	80	4.00	1.35	365.30	0.89	Mjh
6-Jun	11:40	371433	87	8310.94	2.01	81.00	2.0	1.17	76	6.00	1.63	364.41	1.71	Mjh
7-Jun	11:40	371520	74	8312.95	1.9	79.00	1.0	0.74	70	7.00	0.91	362.70	1.10	Mjh
8-Jun	11:40	371594	68	8314.85	1.37	78.00	0.0	1.16	63	3.00	1.45	361.60	1.30	Mjh
9-Jun	11:40	371662	76	8316.22	2.06	76.00	1.0	1.18	60	4.00	1.50	360.30	1.30	Mjh
10-Jun	11:40	371738	87	8318.28	1.74	74.00	0.5	1.21	56	5.00	1.29	359.00	1.60	Mjh
11-Jun	11:40	371825	62	8320.02	1.37	73.50	1.6	1.91	51	3.00	1.51	357.40	1.00	Mjh
12-Jun	11:40	371887	67	8321.39	1.62	71.90	1.9	0.91	48	7.00	1.27	356.40	1.20	Mjh
13-Jun	11:40	371954	88	8323.01	2.11	70.00	1.0	1.76	41	3.00	1.93	355.20	1.70	Mjh
14-Jun	11:40	372042	62	8325.12	1.37	69.00	1.5	1.11	38	6.00	2.01	353.50	1.10	Mjh
15-Jun	11:40	372104	88	8326.49	2.02	67.50	2.0	0.30	32	3.00	1.71	352.40	0.90	Mjh
16-Jun	11:40	372192	64	8328.51	1.49	65.50	1.5	1.29	29	4.00	0.62	351.50	1.00	Mjh
17-Jun	11:40	372256	87	8330	2.04	64.00	2.0	1.75	25	4.00	1.99	350.50	1.50	Mjh
18-Jun	11:40	372343	94	8332.04	2.13	62.00	2.0	2.50	20/100	5.00	1.65	349.00	1.70	Mjh
19-Jun	11:40	372437	109	8334.17	2.58	60.00	1.5	1.10	100	5.00	1.42	347.30	2.30	Mjh
20-Jun	11:40	372546	93	8336.75	2.16	159.00	2.0	1.04	100/169	3.00	1.32	435.10	1.60	Mjh
21-Jun	11:40	372639	93	8338.91	2.16	157.00	1.0	1.63	164	6.00	0.97	433.50	1.70	Mjh
22-Jun	11:40	372732	92	8341.07	2.13	156.00	1.0	1.26	158	8.00	1.05	431.80	1.50	Mjh
23-Jun	11:40	372824	95	8343.2	2.13	155.00	0.8	1.50	150	6.00	1.80	430.30	1.40	DH
24-Jun	11:40	372919	69	8345.33	1.65	154.20	1.2	1.44	144	5.00	1.65	428.90	1.50	Mjh
25-Jun	11:40	372988	106	8346.98	2.46	153.00	0.0	0.78	139	6.00	1.46	427.40	1.60	Mjh
26-Jun	11:40	373094	66	8349.44	1.5	153.00	1.0	0.65	133	4.00	2.36	425.80	0.90	Mjh
27-Jun	11:40	373160	90	8350.94	1.76	152.00	1.0	1.20	129	2.00	1.04	424.90	0.90	Mjh
28-Jun	11:40	373250	67	8352.7	1.05	151.00	1.0	1.11	127	5.00	1.00	424.00	1.20	Mjh
29-Jun	11:40	373317	81	8353.75	3.13	150.00	1.0	0.99	122	4.00	1.20	422.80	1.20	Mjh
30-Jun	11:40	373398	36	8356.88	0.41	149.00	1.0	0.88	118	3.00	1.13	421.60	1.50	Mjh
1-Jul	11:40	373434		8357.29		148.00		0.91	115		0.98	420.10		Mjh
TOT			2379					39.39			44.79			
AVE			79					1.27			1.44			
MAX			109					2.50			2.36			
MIN			36					0.30			0.62			

SIGNATURE:  Ion Stear
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
 FOR THE MONTH OF June 2023
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070300

MONTHLY OPERATING REPORT

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	Scale	
31-May	12:00	586730		4142.5		4757.95	0	83.00		1.33	50	359.80	1.45	Mjh	
1-Jun	12:00	586852	88	4144.4	1.4	4757.95	0	80.00	1.0	1.33	45/100	357.00	1.80	Mjh	
2-Jun	12:00	586940	144	4145.8	2.3	4757.95	0	79.00	2.0	1.66	98	355.20	3.00	Mjh	
3-Jun	12:00	587084	148	4148.1	2.2	4757.95	0	77.00	3.0	1.18	90	352.20	3.20	Mjh	
4-Jun	12:00	587232	169	4150.3	2.6	4757.95	0	74.00	2.0	1.36	82	349.00	3.40	MJH	
5-Jun	12:00	587401	149	4152.9	2.3	4757.95	0	72.00	3.0	1.26	75	345.60	3.20	Mjh	
6-Jun	12:00	587550	166	4155.2	2.5	4757.95	0	69.00	3.0	0.92	68	342.40	3.60	Mjh	
7-Jun	12:00	587716	90	4157.7	1.4	4757.95	0	66.00	1.0	0.83	59	338.80	2.00	Mjh	
8-Jun	12:00	587806	179	4159.1	2.8	4757.95	0	65.00	3.0	1.83	52	336.80	3.60	Mjh	
9-Jun	12:00	587985	137	4161.9	2.1	4757.95	0	62.00	2.0	0.83	43	333.20	3.20	Mjh	
10-Jun	12:00	588122	106	4164	1.6	4757.95	0	60.00	2.0	0.85	37	330.00	3.00	Mjh	
11-Jun	12:00	588228	108	4165.6	1.7	4757.95	0	58.00	2.0	1.03	31	327.00	1.00	Mjh	
12-Jun	12:00	588336	126	4167.3	2	4757.95	0	56.00	2.0	0.70	25	326.00	3.40	Mjh	
13-Jun	12:00	588462	106	4169.3	1.6	4757.95	0	54.00	2.0	1.21	20/100	322.60	2.20	Mjh	
14-Jun	12:00	588568	131	4170.9	2	4757.95	0	52.00	2.0	1.09	95	320.40	3.00	Mjh	
15-Jun	12:00	588699	126	4172.9	1.9	4757.95	0	50.00	2.0	1.08	90	317.40	2.60	Mjh	
16-Jun	12:00	588825	129	4174.8	2	4757.95	0	48.00	2.0	1.37	82	314.80	2.80	Mjh	
17-Jun	12:00	588954	148	4176.8	2.3	4757.95	0	46.00	2.0	1.24	78	312.00	3.40	Mjh	
18-Jun	12:00	589102	195	4179.1	3	4757.95	0	44.00	3.0	1.37	70	308.60	4.40	Mjh	
19-Jun	12:00	589297	124	4182.1	2.7	4757.95	0	41.00	2.0	1.07	60	304.20	3.20	Mjh	
20-Jun	12:00	589421	130	4184.8	2.6	4757.95	0	159.00	3.0	1.87	52	453.20	3.80	Mjh	
21-Jun	12:00	589637	171	4187.4	2.6	4757.95	0	156.00	4.0	1.66	44	449.40	3.60	Mjh	
22-Jun	12:00	589808	228	4190	3.6	4757.95	0	152.00	3.0	1.38	35	445.80	5.00	Mjh	
23-Jun	12:00	590036	142	4193.6	0	4757.95	0	149.00	1.5	1.11	24/100	440.80	2.60	DH	
24-Jun	12:00	590178	117	4193.6	4	4757.95	0	147.50	2.5	1.31	94	438.20	2.80	Mjh	
25-Jun	12:00	590295	143	4197.6	2.2	4757.95	0	145.00	2.0	1.74	88	435.40	2.80	Mjh	
26-Jun	12:00	590438	90	4199.8	1.4	4757.95	0	143.00	0.2	1.38	80	432.60	2.00	Mjh	
27-Jun	12:00	590528	127	4201.2	1.9	4757.95	0	142.80	3.0	1.40	75	430.60	2.60	Mjh	
28-Jun	12:00	590655	206	4203.1	2.4	4757.95	0	139.80	3.0	1.45	69	428.00	2.20	Mjh	
29-Jun	12:00	590861	60	4205.5	0.9	4757.95	0	136.80	2.3	1.25	62	425.80	4.30	Mjh	
30-Jun	12:00	590921	104	4206.4	2.5	4757.95	0	134.50	1.5	1.28	55	421.50	1.70	Mjh	
1-Jul	12:00	591025		4208.9		4757.95		133.00		1.45	50	419.80		Mjh	
TOT			4087				0			37.75			43.07		
AVE			136				0			1.26			1.39		
MAX			228				0			1.87			2.56		
MIN			60				0			0.70			0.72		

Ion Stear

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DAILY DISTRIBUTION MONITORING REPORT

VILLAGE OF POPLAR GROVE
FOR THE MONTH OF June 2023
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

Date	North System (Wells 2 & 3)				West System (Well 4)				South System (Wells 5 & 6)				Operator Initials	Slope Standard	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			Well #2	Well #3	Well #4	Well#5-6
1	VILLAGE	0.65		1.55	TOWER	1.11		2.21	TOWER	1.08		1.32	Mjh			0.75	0.69	0.87
2	VILLAGE	0.98		2.27	Gas	0.98		1.01	TOWER	1.66		105	Mjh			0.76	0.65	1.90
3																0.76	0.80	0.88
4																0.87	0.93	0.81
5	Fh	0.86		1.42	Garage	1.02		1.42	Tower	1.45		0.81	Mjh			0.84	0.70	1.10
6	Fh	0.9		2.02	Tower	0.99		1.12	Tower	0.74		0.54	Mjh			0.87	0.78	0.73
7	Village	0.60		1.4	Gas	1.04		1.55	TOWER				Mjh	106%		0.86	1.10	0.80
8	VILLAGE	0.4		1.32	Garage	0.99		1.12	Tower	1.33		0.99	Mjh			0.64	0.63	2.20
9	School	0.84		1.24	Tower	1.54		0.88	Tower	1.17		1.27	Mjh			1.10	0.72	0.84
10																0.73	0.73	0.81
11																0.82	0.82	0.84
12	School	1.2		2.46	OLawn	0.96		2.09	Tower	1.21		1.03	Mjh	111%		0.86	0.72	0.86
13	Village	0.67		1.89	Garage	1		2.61	Tower	1.13		1.19	Mjh			0.47	0.62	0.73
14	Village	0.6		1.69	Gas	0.89		1.17	Tower	0.8		1.92	Mjh			0.37	0.52	0.65
15	Village	0.61		1.24	Tower	1.8		1.09	Golf	0.61		1.12	Mjh			0.79	0.25	0.69
16	School	1.08		2.59	Garage	1.34		1.06	Tower	0.91		1.31	Mjh			0.98	0.48	1.60
17																0.88	0.64	0.71
18																0.74	0.54	0.61
19	Village	1.03		1.61	Gas	1.01		1.61	Tower	1.09		0.98	Mjh			0.72	0.51	0.54
20	School	1.17		1.22	Tower	1.22		1.12	Golf	0.71		1.52	Mjh	113%		1.10	0.70	0.85
21	Fh	1.02		0.83	OLawn	1.02		1.86	Tower	0.84		1.74	Mjh			0.75	0.80	0.71
22	School	1.3		1.63	Garage	1.22		1.56	Golf	0.72		1.01	Mjh			0.75	0.89	0.74
23	Village	0.6		1.35	Gas	0.65		1.09	Tower	1.31		1.92				0.75	0.76	0.75
24																0.74	0.55	0.70
25																0.57	0.59	0.70
26	School	1.02		0.94	Tower	0.71		1.89	Tower	1.39		1.53	Mjh	120%		0.77	0.47	0.77
27	School	1.65		1.41	Gas	0.59		1.78	Golf	0.93		1.57	Mjh			0.71	0.44	0.70
28	Village	1.05		1.27	School	1.02		1.53	Tower	1.16		1.94	Mjh			0.54	0.54	0.65
29																1.10	0.85	0.65
30																0.61	0.53	0.66
31																		
1																		

Signature:  **Jon Stear**
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