



November 3, 2022

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

2323 Fourth Street
P.O. Box 483
Peru, Illinois 61354
815-224-1650
800-659-4659
FAX 815-224-1688

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 October 2022 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:

- All heaters and checks have been done and set up for winter operation.
- Cleaned all grease and rags off floats and transducers.
- Waiting on a time for Collins to come and do the yearly cleaning.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Have made all the changes throughout the facility for winter operation.
- We have been having issues with the calibration on the PH probe, so we ordered a new one. The old one was about 2 years old.
- Cleaned duck weed off EQ tank with evergreen septic.
- Diagnosed issue with sand filter power...found a bad fuse.
- We have started to use chlorine tablets to control duck weed. Because of this, we are also using dechlorination tablets.
- Decanted digesters.
- Tested all emergency wash stations and portable generators.

South WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Changed valve on the Alum pipe.
- Pulled a wasting pump because it faulted, because of rags. We cleaned the rags out, but the clog has done damage and the electric motor on the pump will have to be rebuilt.
- Changed oil in air compressor and made sure the air system is ready for winter.
- We also prepped the building and equipment for winter operation.
- Cleaned sand filter room.
- Tested all emergency wash stations.
- Decanted digesters.
- Sent sludge to drying beds.

Water System:

- Cleaned well houses.
- Changed water tower levers for winter operation.
- Changed pens in water towers level chart recorded.
- Checked all heaters to make sure they are working and turned on.
- 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
Major:	No	Permittee Address:	PO BOX 1 POPLAR GROVE, IL 61065	Facility Location:	205 EDSON RD POPLAR GROVE, IL 61065
Permitted Feature:	001 External Outfall	Discharge:	001-0 STP OUTFALL		

Monitoring Period:	From 09/01/22 to 09/30/22	DMR Due Date:	10/25/22	Status:	Not DMR Validated
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Principal Executive Officer

.....
Last Name: _____
Stear: _____

[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.

No errors.

conclusions

Attachments

ה'תשנ"ח יוני

User:

E-Mail:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

IONSTEAR

Ion Stear

istear@testinc.com

2022-10-26 16:33 (Time Zone: -05:00)

Permit #: IL0023451		Permittee: POPLAR GROVE, VILLAGE OF		Facility: POPLAR GROVE - NORTH WWTP, VILLAGE OF	
Major: No		Permittee Address: PO BOX 1 POPLAR GROVE, IL 61065		Facility Location: 205 EDSON RD POPLAR GROVE, IL 61065	
Permitted Feature: INF Influent Structure		Discharge: INF-L INFILUENT MONITORING			
Report Dates & Status					
Monitoring Period: From 09/01/22 to 09/30/22		DNR Due Date: 10/25/22		Status: NotDMR Validated	
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 (NODI)					
Form NODI:					
Code	Parameter	Agency	Monitoring Location	Samples & Params. NODI	Sample Period
00310	BOD, 5-day, 20 deg. C		G - Raw Sewage Influent	0	-
00530	Solids, total suspended		G - Raw Sewage Influent	0	-
50050	Flow, in conduit or thru treatment plant		G - Raw Sewage Influent	0	-

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Tracking, 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:
 ebumgarner

Name:
 Elaine Bungarner

E-Mail:
 ebumgarner@estinc.com

Date/Time:
 2022-10-25 08:58 (Time Zone: -05:00)

Report Last Signed By
 IONSTEAR

User:
 Ion Stear

Name:
 Ion Stear

E-Mail:
 istear@estinc.com

Date/Time:
 2022-10-25 16:33 (Time Zone: -05:00)

DMR Copy of Record

Permit		Permit #: IL0071447		Permittee: POPLAR GROVE, VILLAGE OF		Facility: POPLAR GROVE SOUTH STP, VILLAGE OF	
Major:		Yes		200 S HILL ST POPLAR GROVE, IL 61065		12211 STATE ROUTE 78 POPLAR GROVE, IL 61065	
Permitted Feature:		001 External Outfall		Discharge: 001-0 STP OUTFALL			
Report Dates & Status		From 09/01/22 to 09/30/22		DMR Due Date: 10/25/22		Status: NetDMR Validated	
Monitoring Period:		Considerations for Form Completion					
BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.							
Principal Executive Officer							
First Name: Ion		Title:		Certified Operator		Telephone: 815-224-1650	
Last Name: Stear							
No Data Indicator (NODI)							
Form NODI:							

Colle	Parameter Name	Monitoring Location	Subsidiary #	Permit NODI	Qualifier	Value 1	Qualifier	Value 2	Units	Qualifier	Value 3	Qualifier	Value 4	Units	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample										03DW - 3 Days Every Week	GR - GRAB
				Permit Req.											03DW - 3 Days Every Week	GR - GRAB
				Value NODI												
00400	pH	1 - Effluent Gross	0	-	Sample										03DW - 3 Days Every Week	GR - GRAB
				Permit Req.											03DW - 3 Days Every Week	GR - GRAB
				Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample										03DW - 3 Days Every Week	CP - COMPOS
				Permit Req.											03DW - 3 Days Every Week	CP - COMPOS
				Value NODI												
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	-	Sample										0130 - Monthly	CP - COMPOS
				Permit Req.											0130 - Monthly	CP - COMPOS
				Value NODI												
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	Sample										03DW - 3 Days Every Week	CP - COMPOS
				Permit Req.											03DW - 3 Days Every Week	CP - COMPOS
				Value NODI												
00610	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	0	-	Sample										03DW - 3 Days Every Week	CP - COMPOS
				Permit Req.											03DW - 3 Days Every Week	CP - COMPOS
				Value NODI												
00655	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample										03DW - 3 Days Every Week	CP - COMPOS
				Permit Req.											03DW - 3 Days Every Week	CP - COMPOS
				Value NODI												
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample										9999 - Continuous	
				Permit Req.											9999 - Continuous	
				Value NODI												
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample										CLOC - Chlorination Occurrences	GR - GRAB
				Permit Req.											CLOC - Chlorination Occurrences	GR - GRAB
				Value NODI												
				Sample											03DW - 3 Days Every Week	GR - GRAB

DMR Copy of Record

Permit Permit #: IL0071447 Major: Yes		Permittee: Permittee Address: 200 S HILL ST POPLAR GROVE, IL 61065		Facility: Facility Location: POPLAR GROVE SOUTH STP, VILLAGE OF 12211 STATE ROUTE 76 POPLAR GROVE, IL 61065	
Permitted Features: INF Influent Structure		Discharge: INF-L INFLUENT MONITORING			
Report Dates & Status Monitoring Period: From 09/01/22 to 09/30/22 Considerations for Form Completion BOW ID: W0070150006 Principal Executive Officer First Name: Ion Last Name: Stear No Data Indicator (NOD):		DMR Due Date: 10/25/22		Status: NotDMR Validated	
Form NOD: Code:		Monitoring Location: Season # Param: NOD		Certified Operator: Telephone: 815-224-1650	
00310 BOD, 5-day, 20 deg. C		G - Raw Sewage Influent 0 -		Quality of Concentration: Value 1: 59.167 Value 2: 59.167 Value 3: 59.167 Req Mon MO AVG	
00530 Solids, total suspended		G - Raw Sewage Influent 0 -		Quality of Concentration: Value 1: 58.083 Value 2: 58.083 Value 3: 58.083 Req Mon MO AVG	
00665 Phosphorus, total [as P]		1 - Effluent Gross 0 -		Quality of Concentration: Value 1: 2.744 Value 2: 2.744 Value 3: 2.744 Req Mon MO AVG	
50050 Flow, in conduit or thru treatment plant		G - Raw Sewage Influent 0 -		Quality of Concentration: Value 1: 0.231 Value 2: 0.231 Value 3: 0.231 Req Mon MO AVG	

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
 Elaine BURGAMER
 eburgamer@testing.com
 2022-10-25 08:55 (Time Zone: -05:00)

E-Mail:
 eburgamer@testing.com

Date/Time:
 2022-10-25 08:55 (Time Zone: -05:00)

Report Last Signed By
 IONSTEAR
 Ion Stear
 istear@testing.com
 2022-10-26 16:33 (Time Zone: -05:00)

User:
 IONSTEAR
 Name: Ion Stear
 E-Mail: istear@testing.com
 Date/Time: 2022-10-26 16:33 (Time Zone: -05:00)

VILLAGE OF POPLAR GROVE - WEST
 FOR THE MONTH OF September 2022
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070350

MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 4		Chlorine Feed		Free	Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Scale	lbs Used		Scale	lbs Used	PO4 mg/L	Scale	
31-Aug	06:35	352669		7879.93		143.00			90			416.80	KL
1-Sep	06:40	352734	66	7881.42	1.51	141.00	2.0	2.20	89	1.00	2.17	414.60	KL
2-Sep	06:45	352800	65	7882.93	1.5	139.00	1.0	2.20	88	6.00	2.04	412.60	KL
3-Sep	07:35	352865	67	7884.43	1.48	138.00	3.0	2.20	82	2.00	2.16	410.60	KL
4-Sep	07:30	352932	65	7885.91	1.56	135.00	2.0	2.00	80	2.00	2.00	408.70	KL
5-Sep	08:00	352997	95	7887.47	2.16	133.00	3.0	1.90	78	1.00	1.94	406.70	JH
6-Sep	07:05	353092	89	7889.63	2.06	130.00	2.0	2.09	77	1.00	1.99	404.10	KL
7-Sep	07:05	353181	68	7891.69	1.56	128.00	2.0	1.90	76	1.00	0.93	401.60	KL
8-Sep	06:40	353249	129	7893.25	2.99	126.00	0.0	1.32	75	3.00	0.87	399.70	KL
9-Sep	06:35	353378	93	7896.24	1.76	124.00	1.0	1.05	72	4.00	0.54	396.40	KL
10-Sep	08:00	353471	94	7898	2	121.00	2.0	1.31	68	4.00	0.65	393.70	JH
11-Sep	08:00	353565	68	7900	2.11	119.00	1.0	1.11	64	4.00	0.81	391.20	JH
12-Sep	06:50	353633	45	7902.11	1.02	118.00	0.0	0.99	60	2.00	1.38	389.50	KL
13-Sep	06:35	353678	67	7903.13	1.55	118.00	1.0	2.09	58	2.00	2.05	388.00	KL
14-Sep	06:40	353745	67	7904.68	1.5	117.00	2.0	1.67	56	4.00	2.20	386.70	KL
15-Sep	06:55	353812	66	7906.18	1.51	115.00	1.0	1.24	52	2.00	1.63	384.80	KL
16-Sep	06:55	353878	66	7907.69	1.49	114.00	2.0	1.33	50	2.00	1.96	385.10	KL
17-Sep	06:55	353944	65	7909.18	1.5	112.00	0.0	1.91	48	2.00	1.67	381.40	KL
18-Sep	07:00	354009	66	7910.68	1.46	112.00	1.0	1.73	46	2.00	2.09	379.60	KL
19-Sep	06:50	354075	69	7912.14	1.61	111.00	2.0	1.60	44*100	2.00	2.24	378.10	KL
20-Sep	06:50	354144	66	7913.75	1.5	109.00	1.0	1.73	98	2.00	2.02	376.60	KL
21-Sep	07:00	354210	65	7915.25	1.54	108.00	2.0	1.83	96	4.00	2.15	374.60	KL
22-Sep	06:45	354275	65	7916.79	1.45	106.00	1.0	1.84	92	2.00	1.83	373.60	KL
23-Sep	06:40	354340	65	7918.24	1.46	105.00	2.0	1.84	90	2.00	2.54	372.10	KL
24-Sep	08:00	354405	67	7919.7	1.3	103.00	1.0	1.76	88	2.00	1.96	370.30	JH
25-Sep	08:00	354472	66	7921	1.73	102.00	1.0	1.40	86	2.00	1.74	368.60	JH
26-Sep	07:05	354538	68	7922.73	1.59	101.00	1.0	0.88	84	2.00	2.59	367.30	KL
27-Sep	06:40	354606	67	7924.32	1.54	100.00	1.0	2.10	82	2.00	2.33	366.00	KL
28-Sep	06:40	354673	68	7925.86	1.62	99.00	1.0	2.13	80	2.00	2.40	364.50	KL
29-Sep	06:38	354741	67	7927.48	1.47	98.00	1.0	2.11	78	0.00	1.11	363.10	KL
30-Sep	08:00	354808	65	7928.95	1.5	97.00	1.0	2.02	78	2.00	1.80	361.60	KL
1-Oct	07:15	354873		7930.45		96.00		1.64	76		1.37	360.40	KL
TOT			2139					53.12			55.16		
AVE			71					1.71			1.78		
MAX			129					2.20			2.59		
MIN			45					0.88			0.54		

Ion Slear

SIGNATURE:
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF September 2022
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		Free	Phosphate Feed		PO4 mg/L		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used		Scale	lbs Used			Scale	lbs Used	
31-Aug	07:20	566549		3828.4		4757.60		147.00	2.0		90				440.40		KL
1-Sep	07:55	566635	83	3829.8	1.3	4757.60	0	145.00	1.0	1.85	88	7.00	1.09		437.80	2.40	KL
2-Sep	07:40	566718	85	3831.1	1.3	4757.60	0	144.00	2.0	1.28	81	1.00	1.33		435.40	2.20	KL
3-Sep	07:55	566803	86	3832.4	1.3	4757.60	0	142.00	1.0	1.48	80	3.00	1.14		433.20	2.20	KL
4-Sep	08:00	566889	105	3833.7	1.7	4757.60	0	141.00	1.0	1.18	77	7.00	1.54		431.00	2.60	KL
5-Sep	08:00	566994	104	3835.4	1.6	4757.60	0	140.00	1.0	0.88	70	9.00	1.61		428.40	2.60	JH
6-Sep	07:40	567098	69	3837	1.1	4757.60	0	139.00	1.0	1.06	61	1.00	1.22		425.80	1.80	KL
7-Sep	07:55	567167	106	3838.1	1.7	4757.60	0	138.00	1.0	1.10	60	3.00	1.05		424.00	2.80	KL
8-Sep	07:30	567273	102	3839.8	1.6	4757.60	0	137.00	1.0	1.49	57	7.00	1.57		421.20	2.60	KL
9-Sep	07:30	567375	110	3841.4	1.6	4757.60	0	136.00	3.0	1.75	50	6.00	1.49		418.60	2.60	KL
10-Sep	08:00	567485	68	3843	1.2	4757.60	0	133.00	1.0	1.44	44	4.00	1.35		416.00	1.20	JH
11-Sep	08:00	567553	88	3844.2	1.3	4757.60	0	132.00	1.0	0.99	40	6.00	1.19		414.80	1.80	JH
12-Sep	07:30	567641	68	3845.5	1.1	4757.60	0	131.00	2.0	2.06	34*100	2.00	1.28		413.00	1.40	KL
13-Sep	07:50	567709	70	3846.6	1.1	4757.60	0	129.00	1.0	1.85	98	2.00	1.18		411.60	1.80	KL
14-Sep	07:30	567779	69	3847.7	1.1	4757.60	0	128.00	1.0	1.30	96	4.00	1.20		409.80	1.60	KL
15-Sep	07:45	567848	86	3848.8	1.3	4757.60	0	127.00	1.0	1.73	92	4.00	1.33		408.20	2.00	KL
16-Sep	08:30	567934	68	3850.1	1.1	4757.60	0	126.00	2.0	1.59	88	4.00	1.32		406.20	1.40	KL
17-Sep	07:15	568002	70	3851.2	1.1	4757.60	0	124.00	1.0	1.57	84	2.00	1.16		404.80	1.60	KL
18-Sep	06:40	568072	105	3852.3	1.6	4757.60	0	123.00	1.0	2.10	82	4.00	1.13		403.20	2.40	KL
19-Sep	07:35	568177	99	3853.9	1.5	4757.60	0	122.00	2.0	1.55	78	8.00	0.94		400.80	2.20	KL
20-Sep	07:30	568276	73	3855.4	1.2	4757.60	0	120.00	1.0	1.74	70	2.00	1.47		398.60	1.40	KL
21-Sep	08:00	568349	87	3856.6	1.4	4757.60	0	119.00	2.0	1.47	68	6.00	1.13		397.20	2.00	KL
22-Sep	07:35	568436	87	3858	1.3	4757.60	0	117.00	1.0	1.11	62	4.00	1.80		395.20	1.80	KL
23-Sep	07:30	568523	68	3859.3	1.1	4757.60	0	116.00	2.0	1.32	58	4.00	1.17		393.40	1.60	KL
24-Sep	08:00	568591	86	3860.4	1.6	4757.60	0	114.00	1.0	1.40	54	4.00	1.25		391.80	2.00	JH
25-Sep	08:00	568677	89	3862	1.1	4757.60	0	113.00	1.0	1.29	50	6.00	1.17		389.80	1.80	JH
26-Sep	07:45	568766	70	3863.1	1.1	4757.60	0	112.00	2.0	1.35	44*100	2.00	1.30		388.00	1.60	KL
27-Sep	07:10	568836	68	3864.2	1	4757.60	0	110.00	0.0	1.14	98	4.00	1.10		386.40	1.40	KL
28-Sep	07:15	568904	87	3865.2	1.4	4757.60	0	110.00	2.0	2.04	94	4.00	1.78		385.00	2.00	KL
29-Sep	07:20	568991	87	3866.6	1.3	4757.60	0	108.00	1.0	1.22	90	4.00	2.05		383.00	2.20	KL
30-Sep	08:50	569078	69	3867.9	1.1	4757.60	0	107.00	2.0	1.21	86	4.00	1.80		380.80	1.40	KL
1-Oct	07:40	569147		3869		4757.60		105.00		1.25	82	82.00	1.49		379.40		KL
TOT			2512				0			44.79							
AVE			84				0			1.44							
MAX			110				0			2.10							
MIN			68				0			0.88							

SIGNATURE: _____ Ion Stear

PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH
FOR THE MONTH OF September 2022
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		Free	Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	Lbs Used		Scale	Lbs Used	Scale	Lbs Used	
31-Aug	06:20	340550738.7		10063.5		28166.40		136.00			57*100		45.00		KL
1-Sep	06:20	340690827.6	156629	10063.5	0	28173.30	7.80	133.00	3.0	1.89	98	7.00	44.75	0.75	KL
2-Sep	06:30	340847456.6	143675.6	10063.5	0	28181.10	7.20	130.00	4.0	1.69	91	3.00	44.00	0.25	KL
3-Sep	07:25	340991132.2	122338.6	10063.5	0	28188.30	6.10	126.00	2.0	2.12	88	8.00	43.75	0.75	KL
4-Sep	07:20	341113470.8	172176.2	10063.5	0	28194.40	7.60	124.00	4.0	1.75	80	6.00	43.00	1	KL
5-Sep	08:00	341285647	141688.7	10063.5	0	28202.00	8.00	120.00	2.0	1.01	74	5.00	42.00	1	JH
6-Sep	06:30	341427335.7	138585.8	10063.5	0	28210.00	7.00	118.00	3.0	1.81	69	7.00	41.00	0.75	KL
7-Sep	06:40	341565921.5	134596.3	10063.5	0	28217.00	6.60	115.00	3.0	2.00	62	4.00	40.25	0.25	KL
8-Sep	06:30	341700517.8	160529.9	10063.5	0	28223.60	8.00	112.00	3.0	2.20	58	8.00	40.00	0.25	KL
9-Sep	06:15	341861047.7	159172.3	10063.5	0	28231.60	7.90	109.00	2.0	1.65	50	6.00	39.75	0.75	KL
10-Sep	08:00	342020220	167403.2	10063.5	0	28239.50	8.50	107.00	4.0	1.59	44	6.00	39.00	1	JH
11-Sep	08:00	342187623	144302.2	10063.5	0	28248.00	7.10	103.00	1.0	1.49	38	8.00	38.00	0	JH
12-Sep	06:25	342331925.2	117985.2	10063.5	0	28255.10	5.80	102.00	2.0	1.37	30*100	4.00	38.00	0.25	KL
13-Sep	06:15	342449910.4	132600.1	10063.5	0	28260.90	6.50	100.00	3.0	1.46	96	6.00	37.75	0.75	KL
14-Sep	06:30	342582510.5	133924.7	10063.5	0	28267.40	6.60	97.00	2.0	1.54	90	4.00	37.00	0.25	KL
15-Sep	06:35	342716435.2	168545	10063.5	0	28274.00	8.30	95.00	2.0	1.67	86	6.00	36.75	0.75	KL
16-Sep	06:40	342884980.2	121552.1	10063.5	0	28282.30	6.00	93.00	1.0	2.15	80	6.00	36.00	0.25	KL
17-Sep	06:40	343006532.3	148141.1	10063.5	0	28288.30	7.20	92.00	3.0	1.43	74	6.00	35.75	0	KL
18-Sep	07:15	343154673.4	179419.7	10063.5	0	28295.50	8.90	89.00	3.0	1.90	68	8.00	35.75	0	KL
19-Sep	06:35	343334093.1	140408	10063.5	0	28304.40	6.90	86.00	3.0	1.63	60	6.00	35.75	0.75	KL
20-Sep	06:35	343474501.1	147953.4	10063.5	0	28311.30	7.20	83.00	3.0	1.74	54	4.00	35.00	1	KL
21-Sep	06:40	343622454.5	119769.4	10063.5	0	28318.50	6.00	80.00	4.0	1.65	50	6.00	34.00	0.25	KL
22-Sep	06:35	343742223.9	127491.4	10063.5	0	28324.50	6.30	76.00	0.0	1.36	44*100	4.00	33.75	0.75	KL
23-Sep	06:20	343869715.3	147100.7	10063.5	0	28330.80	7.20	76.00	3.0	1.43	96	4.00	33.00	0	KL
24-Sep	08:00	344016816	119887	10063.5	0	28338.00	6.00	73.00	2.0	1.29	92	6.00	33.00	0	JH
25-Sep	08:00	344136703	137025.3	10063.5	0	28344.00	6.70	71.00	1.0	1.20	86	6.00	33.00	1	JH
26-Sep	06:45	344273728.3	129911.8	10063.5	0	28350.70	6.50	70.00	2.0	1.45	80	6.00	32.00	1	KL
27-Sep	06:20	344403640.1	139231	10063.5	0	28357.20	6.90	68.00	2.0	1.72	74	4.00	31.00	0	KL
28-Sep	06:25	344542871.1	133169.1	10063.5	0	28364.10	6.60	66.00	2.0	1.81	70	6.00	31.00	0	KL
29-Sep	06:25	344676040.2	165186.9	10063.5	0	28370.70	8.20	64.00	4.0	1.47	64	6.00	31.00	0.75	KL
30-Sep	07:45	344841227.1	120788.8	10063.5	0	28378.90	6.00	60.00	2.0	1.22	58	4.00	30.25	0.25	KL
1-Oct	07:05	344962015.9		10063.5		28384.90		58.00		1.57	54		30.00		KL
TOT			4271188				212			50.26					
AVE			142373				7			1.62					
MAX			179420				9			2.20					
MIN			117985				6			1.01					

SIGNATURE: _____
PHONE: 815-224-1650

Jon Stear

VILLAGE OF POPLAR GROVE
FOR THE MONTH OF September 2022
DAILY DISTRIBUTION MONITORING REPORT
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	1.0 mg.L 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	Tower	1.89		0.84	Tower	2.20		2.12	Tower	1.05		1.4	KL			0.77	1.10	0.85
2	Village	0.41		1.61	O.L. Well	1.83		0.97	Tower	1.33		1.44	KL			0.94	1.30	0.72
3																0.89	1.10	0.77
4																0.83	1.00	0.73
5																1.10	1.10	0.82
6	Elm	1.19		2.01	Gas Station	1.2		0.94	Tower	0.89		1.48	KL			0.78	0.93	0.77
7	Tower	2.00		0.8	Garage	1.93		1.92	Tower	0.89		1.3	KL			0.87	0.84	0.82
8	Elm	1.65		1.07	Tower	1.27		0.67	Tower	0.66		1.58	KL			0.62	0.65	0.62
9	Tower	1.65		0.76	O.L. Lot	0.66		1.27	Tower	0.89		1.2	KL			0.86	0.71	0.70
10																0.56	1.10	0.54
11																0.86	0.68	0.75
12	Elm	1.48		2.08	Gas Station	0.67		1.49	Tower	1.07		1.71	KL			0.89	0.64	0.71
13	Tower	1.46		0.72	Tower	2.02		1.98	Tower	1.08		1.4	KL			0.56	1.50	0.64
14	Village	0.52		1.42	O.L. Lot	0.72		1.07	Tower	1.12		1.31	KL			0.59	1.30	0.66
15	Tower	1.67		1.02	Tower	1.12		1.52	Tower	1.47		1.51	KL			0.60	1.20	0.78
16	Elm	1.41		2.1	Garage	0.88		1.02	Tower	1.02		1.37	KL			0.72	1.30	0.78
17																0.72	1.00	0.86
18																0.41	1.80	0.82
19	Tower	1.63		1.01	Tower	1.52		2.1	Tower	1.4		1.48	KL			0.71	1.50	0.79
20	Elm	1.33		1.28	Gas Station	0.59		0.81	Tower	1.12		1.51	KL			0.57	1.20	0.63
21	Village	0.33		1.53	O.L. Office	0.56		0.6	Tower	1.1		1.49	KL			0.78	1.20	0.69
22	Tower	1.36		1.33	Tower	1.7		1.67	Tower	0.99		1.45	KL			0.59	0.88	0.64
23	Tower	1.43		2.04	Tower	1.72		2.14	Tower	1.06		1.58	KL			0.64	0.97	0.64
24																0.71	0.65	0.67
25																0.69	1.20	0.75
26	Elm	0.76		2.37	Gas Staion	0.57		1.29	Tower	1.02		1.33	KL			0.63	1.20	0.59
27	Tower	1.72		1.48	O.L. office	0.44		0.58	Tower	1.09		1.5	KL			0.61	1.40	0.58
28	Elm	1.63		1.03	Garage	0.92		1.1	Tower	0.78		1.48	KL			0.49	1.40	0.67
29	Tower	1.47		2.32	Tower	2.02		1.08	Tower	1.06		1.59	KL			0.79	1.40	0.60
30	Elm	1.54		1.1	Gas Staion	0.67		0.85	Tower	1.11		1.43	KL			0.92	0.56	0.60

Signature: _____
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 Ion Stear