



July 6, 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 June 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:

- Last month we did have an issue with a generator at collection point lift station. We lost power and the generator didn't start and did show a fault. It turns out the contacts in the switch were bad. We have since taken apart the switch and cleaned all the contacts and has been working as it should now. Basically, the generator was in auto, but the switch was corroded and wasn't making a contact. We also have gone to all the other generators and cleaned the contacts in the switches.

North WWTP:

- All standard monthly checks/maintenance/cleaning and producers were completed.
- Put the disc filter back in service because we had a sand filter pump go down again. This is a pump we have had a lot of problems with.
- Pulled all floats and transducers, cleaned rags off of them. This is having to be done more than normal because of the screen being down.
- The new screen is installed, and panel hung, but now we're waiting on McGilvera Electric to come out and finish the electrical work. I have been in contact with them. We dug the trench, but still have yet to receive a date that they will come out.
- Because of the screen being down, we are manually raking the bar screen.
- Tested all emergency wash stations and portable generators.
- Cleaned EQ tanks.
- Cleaned UV channel.

South WWTP:

- All standard monthly checks/maintenance/cleaning and producers were completed.
- The plumbing project for the south plant main lift station is set to be done in July some time.
- The Sam unit that is at Aqua Tec should be done with in the next couple weeks.
- The remaining parts for the SBR3 project are close to coming in.
- Tested all emergency wash stations.

- Sent sludge to drying bed.
- Decanted digesters.

Water System:

- Cleaned well houses.
- Lead and copper samples south system.
- Changed bad motor on Chem pump at well 3.
- Fixed broken injector at well 4.
- All required EPA testing has been done.
- Cleaned well houses.

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	IL 0023451	Permitter:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE - NORTH WWTP, VILLAGE OF
Permit #:	No	Permittee Address:	PO BOX 1	Facility Location:	205 EDSON RD
Major:			POPLAR GROVE, IL 61065		POPLAR GROVE, IL 61065

Permitted Feature:	001	Discharge:	001-0
			STP OUTFALL
			External Outfall

Report Dates & Status	Report Date:	Status:
Monitoring Bed-01	From: 05/01/22 To: 05/31/22	NetDMR Validated 06/28/22

Considerations for Farm Complication

JOHN D. HODGKINS, Sr.
Principal Executive Officer

First Name: _____
 Title: _____
 Telephone: _____

Stear
Last Name:
Mr. Date Indicated: 4/1/2011

Form NODI:

[illegible]

00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req Value HODI	8.8 mg/L 19 - mg/L	8.925 6.25 MN WK AV	>=	5.0 DAILY MN	0	02DA - 2 Days Every Week GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req Value HODI	12 - SU 9.0 MAXIMUM	6.5 6.0 MINIMUM	=	8.13	0	02DA - 2 Days Every Week GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req Value HODI	26 - lb/d 24.0 DAILY MX	28.825 125.0 MO AVG	=	75.243 250.0 DAILY MX	1	02DA - 2 Days Every Week CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	Sample Permit Req Value HODI	26 - lb/d 31.0 DAILY MX	0.642 16.0 MO AVG	=	1.945 3.0 DAILY MX	0	02DA - 2 Days Every Week CP - COMPOS
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req Value HODI	03 - MGD 03 - MGD	0.347 0.424	=	Req Mon MO AVG Req Mon DAILY MX	0	98/89 - Continuous 98/89 - Continuous
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req Value HODI	19 - mg/L 0.05 DAILY MX	0.0 0.05 DAILY MX	=	19 - mg/L 19 - mg/L	0	01/30 - Monthly GR - GRAB
74055	Celliform, fecal general	1 - Effluent Gross	0	-	Sample Permit Req Value HODI	Req Mon DAILY MX	13 - #/100mL	=	01/30 - Monthly		GR - GRAB
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req Value HODI	26 - lb/d 20.0 DAILY MX	8.103 104.0 MO AVG	=	20.258 209.0 DAILY MX	0	02DA - 2 Days Every Week CP - COMPOS

Submission Note

Editor's Check Error

Parameter		Monitoring Location	Field	Type	Description	Acknowledged
Code	Name					
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						
Attachments						
No attachments.						
Report Last Saved By						
POPLAR GROVE, VILLAGE OF						
User:						ebungamer

Name:

Elaine Bungamer

E-Mail:

ebungamer@testinc.com

Date/Time:

2022-05-21 15:39 (Time Zone: -05:00)

Report Last Signed By

User:

IONSTEAR

Name:

Ion Stear

E-Mail:

istear@testinc.com

Date/Time:

2022-05-22 09:12 (Time Zone: -05:00)

DMR Copy of Record

Permit Permit #: IL0023451 Major: No		Facility: Facility Location: POPLAR GROVE - NORTH WWTP, VILLAGE OF 205 EDSON RD POPLAR GROVE, IL 61065	
Permitted Features: INF Influent Structure		Facility Location: PO BOX 1 POPLAR GROVE, IL 61065 INF-1 INFLUENT MONITORING	
Report Dates & Status Monitoring Period: From 05/01/22 to 05/31/22 Considerations for Form Completion BOW ID: W0070150007 Principal Executive Officer First Name: Ion Last Name: Stear No Data Indicator (NODI) Form NODI:		Status: NoDMR Validated	
Permittee: Permittee Address: Discharge: Title:		Telephone:	
Parameter Name 00310 BOD, 5-day, 20 deg. C	Sampling Location G - Raw Sewage Influent	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units	Frequency of Analysis Sample Type 02DA - 2 Days Every Week CP - COMPOS 02DA - 2 Days Every Week CP - COMPOS
Parameter Name 00530 Solids, total suspended	Sampling Location G - Raw Sewage Influent	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units	Frequency of Analysis Sample Type 02DA - 2 Days Every Week CP - COMPOS 02DA - 2 Days Every Week CP - COMPOS
Parameter Name 50050 Flow, in conduit or thru treatment plant	Sampling Location G - Raw Sewage Influent	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units	Frequency of Analysis Sample Type 02DA - 2 Days Every Week CP - COMPOS 02DA - 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.

Attachments
 No attachments.

Report Last Saved By
 POPLAR GROVE, VILLAGE OF

User:
 Name: Elaine Bungamer
 E-Mail: ebungamer@testinc.com
 Date/Time: 2022-06-21 15:39 (Time Zone: -05:00)

Report Last Signed By
 User: IONSTEAR
 Name: Ion Stear
 E-Mail: isear@testinc.com
 Date/Time: 2022-06-22 09:12 (Time Zone: -05:00)

DMR Copy of Record

Permit Permit #: IL0071447 Major: Yes		Facility: Facility Location: POPLAR GROVE SOUTH STP, VILLAGE OF 12211 STATE ROUTE 76 POPLAR GROVE, IL 61065	
Permitted Feature: 001 External Outfall		Discharge: 001-0 STP OUTFALL	
Report Dates & Status Monitoring Period: Considerations for Form Completion BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED. Principal Executive Officer		Status: NetDMR Validated	
Form NOD: No Data Indicator (NOD) Form NOD:		Telephone:	

Sample	Parameter Name	Monitoring Location	Session Param. NOD	Quantity as Loading		Quality of Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type
				Qualifier 1	Value 1	Qualifier 2	Value 2				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0								GR - GRAB
00400	pH	1 - Effluent Gross	0								GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0								GR - GRAB
00600	Nitrogen, total [as N]	1 - Effluent Gross	0								GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0								GR - GRAB
00610	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	0								GR - GRAB
00655	Phosphorus, total [as P]	1 - Effluent Gross	0								GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0								GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0								GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0								GR - GRAB
80032	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0								GR - GRAB

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@vestinc.com

Date/Time:

2022-06-21 15:43 (Time Zone: -05:00)

Report Last Signed By

User:

IONSTEAR

Name:

Ion Stear

E-Mail:

istear@vestinc.com

Date/Time:

2022-06-22 09:12 (Time Zone: -05:00)

DMR Copy of Record

Permit
 Permit #: IL0071447
 Major: Yes
 Facility: 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: From 05/01/22 to 05/31/22
 Monitoring Period: DMR Due Date: 06/25/22
 Status: NotDMR Validated

Considerations for Form Completion
 BOW ID: W0070150006

Principal Executive Officer
 First Name: Ion
 Last Name: Stear
 Title:

No Data Indicator (NODI)
 Form NODI:

Parameter Name	Monitoring Location	Seasonal Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Frequency of Analysis	Sample Type
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-									
00530 Solids, total suspended	G - Raw Sewage Influent	0	-									
00685 Phosphorus, total [as P]	1 - Effluent Gross	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 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 Bургamer
 E-Mail: eburgamer@lestinc.com
 Date/Time: 2022-05-21 15:44 (Time Zone: -05:00)

Report Last Signed By
 User: IONSTEAR
 Name: Ion Stear
 E-Mail: lstear@lestinc.com
 Date/Time: 2022-05-22 09:12 (Time Zone: -05:00)

VILLAGE OF POPLAR GROVE - WEST
 FOR THE MONTH OF May 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	lbs Used	
30-Apr	08:33	34459		7694.05		153.00				85		425.20		JS
1-May	09:10	344648	52	7695.3	1.23	153.00	0.0	1.37		81	4.00	423.20	1.30	JS
2-May	08:00	344700	50	7696.53	1.06	153.00	1.0	1.51		77	2.00	421.90	1.70	JS
3-May	07:30	344750	51	7697.59	1.07	152.00	2.0	1.02		75	4.00	420.20	1.40	JS
4-May	07:30	344801	44	7698.66	1.19	150.00	1.0	1.57		71	1.00	418.80	1.20	KL
5-May	08:20	344845	47	7699.85	1.14	149.00	0.0	0.94		70	2.00	417.60	1.60	JS
6-May	07:10	344892	44	7700.99	0.56	149.00	1.0	0.81		68	6.00	416.00	1.20	KL
7-May	07:15	344936	45	7701.55	1.43	148.00	0.0	1.98		62	2.00	414.80	1.10	KL
8-May	07:05	344981	66	7702.98	1.5	148.00	0.0	1.99		60	4.00	413.70	2.30	KL
9-May	08:04	345047	72	7704.48	1.65	147.00	1.0	1.18		56	3.00	411.40	3.00	JS
10-May	07:35	345119	71	7706.13	1.65	146.00	1.0	0.64		53	3.00	408.40	2.40	JS
11-May	06:20	345190	65	7707.78	1.5	145.00	0.5	1.66		50	4.00	406.00	2.10	KL
12-May	08:20	345255	53	7709.28	1.13	144.50	0.5	0.44		46/100	1.00	403.90	0.20	JS
13-May	08:35	345308	69	7710.41	1.68	144.00	1.0	1.01		99	5.00	403.70	2.60	JS
14-May	08:55	345377	67	7712.09	1.52	143.00	1.0	1.15		94	4.00	401.10	1.50	JS
15-May	08:45	345444	64	7713.61	1.43	142.00	1.0	0.96		90	3.00	399.60	2.90	JS
16-May	08:15	345508	160	7715.04	3.71	141.00	2.0	0.95		87	6.00	396.70	3.90	JS
17-May	07:50	345668	112	7718.75	2.57	139.00	1.0	1.02		81	7.00	392.80	3.40	JS
18-May	07:35	345780	47	7721.32	1.09	138.00	1.0	0.55		74	4.00	389.40	1.80	KL
19-May	07:35	345827	49	7722.41	1.17	137.00	0.0	0.67		70	0.00	387.60	1.90	JS
20-May	07:40	345876	61	7723.58	1.41	137.00	0.0	1.98		70	7.00	385.70	1.60	KL
21-May	07:15	345937	43	7724.99	0.94	137.00	0.0	0.68		63	2.00	384.10	1.00	KL
22-May	07:20	345980	67	7725.93	1.5	137.00	1.0	2.00		61	1.00	383.10	1.60	KL
23-May	06:55	346047	70	7727.43	1.64	136.00	1.0	0.72		60	2.00	381.50	2.00	KL
24-May	07:00	346117	43	7729.07	0.99	135*160	0.0	0.70		58	5.00	379.3*437.3	1.10	KL
25-May	07:30	346160	48	7730.06	1.01	160.00	0.0	1.92		53*100	1.00	436.20	2.40	KL
26-May	10:50	346208	46	7731.07	1.11	160.00	0.5	0.28		99	4.00	433.80	1.10	JS
27-May	08:25	346254	49	7732.18	1.1	159.50	0.0	0.81		95	1.00	432.70	1.30	JS
28-May	08:20	346303	48	7733.28	1.12	159.50	0.5	1.16		94	4.00	431.40	1.60	JS
29-May	09:06	346351	57	7734.4	1.34	159.00	1.0	0.29		90	1.00	429.80	1.70	JS
30-May	08:35	346408	90	7735.74	2.05	158.00	0.0	0.53		89	4.00	428.10	2.60	JS
31-May	07:40	346498	47	7737.79	0.63	158.00	0.5	1.33		85	2.00	425.50	1.30	JS
1-Jun	07:40	346545		7738.42		157.50				83	83.00	424.2		JS
TOT			1850					33.82						
AVE			62					1.09						
MAX			160					2.00						
MIN			43					0.28						

Jon Stear

SIGNATURE:
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF May 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		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used		Scale	lbs Used	Scale	lbs Used	
30-Apr	09:08	553722		3626.9		4560.20		150.00			73		446.60		JS
1-May	09:50	553774	148	3628.2	1.1	4560.20	0	149.00	2.0	1.17	68	3.00	445.20	1.20	JS
2-May	08:50	553922	76	3629.3	1.2	4560.20	0	147.00	2.0	1.27	65	5.00	444.00	1.60	JS
3-May	08:00	553998	71	3630.5	1.1	4560.20	0	145.00	0.0	1.18	60/100	2.00	442.40	1.00	JS
4-May	08:30	554069	54	3631.6	0.8	4560.20	0	145.00	1.0	0.95	98	4.00	441.40	0.20	KL
5-May	07:10	554123	75	3632.4	1.3	4560.20	0	144.00	2.0	1.29	94	4.00	441.20	2.60	JS
6-May	07:55	554198	70	3633.7	1.1	4560.20	0	142.00	0.0	1.29	90	6.00	438.60	1.00	KL
7-May	07:40	554268	70	3634.8	1.1	4560.20	0	142.00	2.0	1.35	84	3.00	437.60	1.60	KL
8-May	07:30	554338	107	3635.9	1.6	4560.20	0	140.00	1.0	1.28	81	5.00	436.00	2.20	KL
9-May	08:50	554445	72	3637.5	1.2	4560.20	0	139.00	1.0	1.08	76	3.00	433.80	1.40	JS
10-May	08:45	554517	88	3638.7	1.4	4560.20	0	138.00	1.0	1.08	73	4.00	432.40	1.60	JS
11-May	08:55	554605	88	3640.1	1.4	4560.20	0	137.00	1.0	1.48	69	5.00	430.80	1.40	KL
12-May	07:20	554693	80	3641.5	1.2	4560.20	0	136.00	1.0	1.54	64	5.00	429.40	1.80	JS
13-May	07:50	554773	92	3642.7	1.5	4560.20	0	135.00	2.0	1.08	59	5.00	427.60	1.20	JS
14-May	09:30	554865	104	3644.2	1.7	4560.20	0	133.00	1.0	1.28	54/102	5.00	426.40	2.00	JS
15-May	09:10	554969	112	3645.9	1.7	4560.20	0	132.00	2.0	1.24	97	7.00	424.40	2.00	JS
16-May	09:15	555081	87	3647.6	1.4	4560.20	0	130.00	1.0	1.17	90	4.00	422.40	1.80	JS
17-May	09:00	555168	70	3649	1.1	4560.20	0	129.00	2.0	1.24	86	5.00	420.60	1.40	JS
18-May	08:20	555238	78	3650.1	1.2	4560.20	0	127.00	1.0	1.56	81	3.00	419.20	1.10	KL
19-May	08:50	555316	76	3651.3	1.2	4560.20	0	126.00	1.0	1.38	78	5.00	418.10	1.50	JS
20-May	08:50	555392	68	3652.5	1.1	4560.20	0	125.00	1.0	1.24	73	2.00	416.60	1.20	KL
21-May	07:40	555460	87	3653.6	1.4	4560.20	0	124.00	2.0	1.44	71	2.00	415.40	2.40	KL
22-May	07:40	555547	89	3655	1.4	4560.20	0	122.00	1.0	1.70	69	7.00	413.00	0.80	KL
23-May	07:50	555636	71	3656.4	1.1	4560.20	0	121.00	1.0	1.37	62	2.00	412.20	1.40	KL
24-May	07:35	555707	87	3657.5	1.4	4560.20	0	120*160	1.0	1.46	60	2.00	410.8*461.2	1.20	KL
25-May	08:10	555794	73	3658.9	1.1	4560.20	0	159.00	1.0	1.59	58*100	2.00	460.00	4.20	KL
26-May	08:15	555867	69	3660	1.1	4560.20	0	158.00	1.0	1.56	98	4.00	455.80	3.00	JS
27-May	07:10	555936	76	3661.1	1.2	4560.20	0	157.00	1.0	1.41	94	3.00	452.80	-3.40	JS
28-May	08:50	556012	87	3662.3	1.4	4560.20	0	156.00	1.0	1.22	91	5.00	456.20	1.60	JS
29-May	09:22	556099	93	3663.7	1.5	4560.20	0	155.00	3.0	1.41	86	3.00	454.60	1.80	JS
30-May	09:25	556192	89	3665.2	1.4	4560.20	0	152.00	0.0	1.55	83	4.00	452.80	1.80	JS
31-May	08:41	556281	93	3666.6	1.4	4560.20	0	152.00	0.75	1.57	79	4.00	451.00	1.60	JS
1-Jun	850	556374		3668		4560.20		151.25		1.12	75		449.40		JS
TOT			2507				0			42.55					
AVE			84				0			1.33					
MAX			148				0			1.70					
MIN			24				0			0.95					

SIGNATURE:  Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH
FOR THE MONTH OF May 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	
30-Apr	08:15	321739413.4		10062.1		27230.50		147.00	1.0	1.08	80	8.00	45.00	0.5	JS
1-May	09:00	321895394.9	137980	10062.1	0	27238.30	6.80	145.00	1.0	1.03	74	4.00	44.00	0.5	JS
2-May	07:25	322033374.9	107831.9	10062.1	0	27245.10	5.30	144.00	1.0	0.92	66	6.00	43.50	0.5	JS
3-May	07:10	322141206.8	114161.6	10062.1	0	27250.40	5.70	143.00	1.0	1.29	62/100	4.00	43.00	0.0	JS
4-May	07:00	322255368.4	161435.3	10062.1	0	27256.10	8.00	142.00	2.0	1.08	94	4.00	43.00	1.0	KL
5-May	09:10	322416803.7	95751.9	10062.1	0	27264.10	4.70	140.00	1.0	1.08	90	6.00	42.00	1.0	JS
6-May	06:55	322512555.6	120167.8	10062.1	0	27268.80	5.90	139.00	1.0	1.26	84	4.00	41.00	0.0	KL
7-May	07:05	322632723.4	170092.1	10062.1	0	27274.70	8.50	138.00	1.0	1.06	80	8.00	41.00	1.0	KL
8-May	06:55	322802815.5	188263.9	10062.1	0	27283.20	9.30	137.00	2.0	1.20	72	8.00	40.00	1.0	KL
9-May	07:30	322991079.4	144951.2	10062.1	0	27292.50	7.20	135.00	2.0	0.98	64	6.00	39.00	0.75	JS
10-May	07:15	323136030.6	169615.9	10062.1	0	27299.70	8.40	133.00	2.0	1.19	58/100	8.00	38.25	1.3	JS
11-May	06:05	323305646.5	195883.1	10062.1	0	27308.10	9.70	131.00	1.0	1.45	92	7.00	37.00	0.75	KL
12-May	08:55	323501529.6	163430.3	10062.1	0	27317.80	8.00	130.00	2.0	1.17	85	7.00	36.25	1.0	JS
13-May	09:10	323664959.9	158024.3	10062.1	0	27325.80	7.90	128.00	2.0	1.09	78	8.00	35.25	0.25	JS
14-May	08:35	323822984.2	156433.9	10062.1	0	27333.70	7.70	126.00	1.0	1.64	70	7.00	35.00	1.0	JS
15-May	08:30	323979418.1	203283.8	10062.1	0	27341.40	10.10	125.00	1.0	0.95	63	10.00	34.00	1.0	JS
16-May	07:45	324182701.9	149025	10062.1	0	27351.50	7.40	124.00	2.0	0.82	53/100	6.00	33.00	0.0	JS
17-May	07:30	324331726.9	126970.6	10062.1	0	27358.90	6.30	122.00	1.0	0.87	94	5.00	33.00	1.0	JS
18-May	07:20	324458697.5	132853.7	10062.1	0	27365.20	6.60	121.00	1.0	0.87	89	7.00	32.00	0.75	JS
19-May	07:15	324591551.2	161846.1	10062.1	0	27371.80	8.00	120.00	1.0	0.80	82	6.00	31.25	0.25	JS
20-May	08:00	324753397.3	97998.6	10062.1	0	27379.80	4.80	119.00	1.0	1.28	76	6.00	31.00	1.0	KL
21-May	07:05	324851395.9	150181.8	10062.1	0	27384.60	7.40	118.00	1.0	1.04	70	8.00	30.00	0.75	KL
22-May	07:10	325001577.7	146113.5	10062.1	0	27392.00	7.20	117.00	1.0	0.89	62	4.00	29.25	0.25	KL
23-May	08:40	325147691.2	155307.9	10062.1	0	27399.20	7.70	116.00	1.0	0.79	58	7.00	29.00	1.0	KL
24-May	08:40	325302999.1	149181.4	10062.1	0	27406.90	7.50	115*160	1.0	0.84	51/100	2.00	28*51	0.75	KL
25-May	07:15	325452180.5	159786.3	10062.1	0	27414.40	7.90	159.00	1.0	0.85	98	4.00	50.25	0.25	KL
26-May	11:15	325611966.8	125532	10062.1	0	27422.30	6.20	158.00	2.0	0.96	94	5.00	50.00	0.75	JS
27-May	08:50	325737498.8	124717.8	10062.1	0	27428.50	6.20	156.00	2.0	0.87	89	6.00	49.25	0.25	JS
28-May	08:00	325862216.6	139162.5	10062.1	0	27434.70	6.90	154.00	0.5	0.89	83	7.00	49.00	0.75	JS
29-May	08:45	326001379.1	182646.2	10062.1	0	27441.60	9.00	153.50	0.5	0.82	76	7.00	48.25	1.3	JS
30-May	08:00	326184025.3	172127	10062.1	0	27450.60	8.60	153.00	1.0	0.87	69	9.00	47.00	0.75	JS
31-May	07:20	326356152.3	154693	10062.1	0	27459.20	7.60	152.00	1.0	1.01	60	6.00	46.25	0.75	JS
1-Jun	07:20	326510845.3		10062.1		27466.8		151.0		0.9	54/100		45.5		JS
TOT			4460757				221			32.76					
AVE			148692				7			1.02					
MAX			203284				10			1.64					
MIN			95752				5			0.79					

SIGNATURE: _____ Ion Stear

PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE
FOR THE MONTH OF May 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	Fluoride 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																0.77	0.67	0.60
2	Elm	0.63		1.14	Gas Station	0.48		1.25	Tower	0.97		1.26	JS			1.30	0.46	0.47
3	Tower	0.92		1.36	Tower	0.9		1.01	Tower	0.87		1.1	JS			0.84	0.55	0.46
4	Elm	0.84		1.4	Gas Station	1.12		1.13	Tower	0.87		0.86	KL			1.20	0.57	0.46
5	Tower	1.08		0.86	Garage	0.62		1.45	Tower	0.95		1.56	JS			0.81	0.58	0.48
6	Tower	1.26		0.7	Tower	0.81		1.13	Tower	0.88		1.69	KL			1.30	0.77	0.52
7																1.10	1.40	0.66
8																1.00	1.20	0.66
9	Elm	0.83		1.23	Gas Station	0.58		1.09	Tower	0.98		1.42	JS			0.96	0.70	0.61
10	Tower	1.19		0.83	Tower	0.6		1.6	Tower	0.98		1.25	JS			0.93	0.83	0.56
11	Tower	1.45		1.42	Tower	1.66		1.26	Tower	1.38		1.36	KL			0.74	0.98	0.57
12	Tower	1.17		1.18	Garage	0.87		1.39	Tower	1.01		1.42	JS			0.69	0.63	0.52
13	Village	0.36		1.54	Tower	1.11		0.92	Tower	0.88		1.57	JS			0.98	0.83	0.56
14																1.00	0.77	0.55
15																1.10	0.57	0.25
16	Elm	0.7		1.37	Gas Station	0.52		1.03	Tower	0.91		1.43	JS			0.85	0.72	0.52
17	Tower	0.87		1.45	Tower	0.85		0.8	Tower	0.83		1.34	JS			0.74	0.85	0.65
18	Tower	0.87		0.91	Tower	0.6		0.85	Tower	0.8		1.28	JS			0.68	0.87	0.75
19	Tower	0.8		0.94	Tower	0.69		0.93	Tower	0.8		1.29	JS			1.10	0.82	0.60
20	Village	0.38		2.02	Garage	0.62		1.16	Tower	0.9		1.22	KL			1.00	0.52	0.65
21																1.10	0.93	0.67
22																1.10	1.20	0.67
23	Tower	0.79		1.89	Tower	0.6		1	Tower	1.04		1.3	KL			1.10	0.84	0.59
24	Elm	0.53		1.95	Gas Station	0.62		1.36	Tower	0.85		1.16	KL			1.20	0.65	0.49
25	Tower	0.85		1.02	Tower	1.78		1.8	Tower	0.95		1.41	KL			0.86	1.20	0.53
26	Tower	0.96		0.88	Garage	0.26		1.19	Tower	0.87		1.28	JS			0.79	0.69	0.52
27	Village	0.18		1.48	Tower	1		0.99	Tower	0.41		1.31	JS			1.00	0.73	0.67
28																1.00	0.60	0.65
29																0.51	0.60	0.23
30	Tower	0.87		0.75	Gas Station	0.19		1.03	Tower	1.38		1.04	JS			0.64	0.53	0.53
31	Elm	0.33		1.57	Tower	1.26		0.99	Tower	0.86		1.43	JS			0.50	0.69	0.51

Signature: 
 PHONE: 815-224-1650
 Ion Stear