



February 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 December 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:

- Cleaned all lift station floats and transducers.
- Ran and tested portable generators under load.
- We had a transducer go bad at Woodstock Rd lift station. A new one was installed, and we will be ordering a new one.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- All personnel have taken safety classes on electrical safety, lock out tag out, confined space and emergency action planning.
- Main lift station has been working as it should.
- We tried to put the disk filter online for a test, but it wouldn't rotate. It will need some attention before it goes back online. One of the drive wheels is worn and will need to be replaced. We're working on pricing for that.
- We had the restraints break off one of the decanters. We fixed it temporarily until we can take the tank offline and drain it.
- Decanted digesters.
- Tested all emergency wash stations.

South WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- We have pulled the UV lights and cleaned all the sleeves. They are ready to reinstall when the time comes.
- One of the floating mixers broke away from its restraints. We hooked everything back up and it's working like it should.
- We had a blower go bad on one of the floating mixers. Sable is getting us a price for a new one.
- Transferred sludge to drying beds.
- We replaced some leaking air line connections.

- We had Sable come down to diagnose and fix issues with one of the floating mixers.
- Cleaned sand filter room.
- Tested all emergency wash stations.
- Decanted digesters.

Water System:

- Cleaned well houses.
- Changed pump head and chemical line at well 4.
- Changed injector and chemical line at well 3.
- Changed pump tubing at well 5/6.
- Had an issue with the furnace at well 5/6, which has been fixed and replaced.
- Tested the big portable generator under load.
- A few days ago we noticed the block heater wasn't working, so we had a guy from IEC come out and fix that.
- 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 Permit #: IL0023451 Major: No		Permittee Address: 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: 001 External Outfall		Discharge: 001-0 STP OUTFALL		Status: NoDMR Validated											
Report Dates & Status Monitoring Period: From 12/01/22 to 12/31/22 Considerations for Form Completion BOW ID: W0070150007: DMR LOAD LIMITS DISPLAYED MONITORING LOCATION "1" IS FORMONTHLY AVERAGE AND DAILY MAXIMUM MONITORING LOCATION "8" IS FORWEEKLY AVERAGE.															
Principal Executive Officer First Name: Ion Last Name: Stear Title: Certified Operator Telephone: 815-224-1650															
No Data Indicator (NODI) Form NODI: -															
Code	Parameter Name	Monitoring Location	Reason	Parent NODI	Sample Permit Req Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample Permit Req Value NODI									02DA - 2 Days Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req Value NODI									02DA - 2 Days Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req Value NODI	9.13	125.0 MO AVG			28 - lbd				02DA - 2 Days Every Week	CP - COMPOS
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	-	Sample Permit Req Value NODI	0.204	34.0 MO AVG			26 - lbd				02DA - 2 Days Every Week	CP - COMPOS
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req Value NODI	0.303	Req Mon MO AVG			03 - MGD				9999 - Continuous	
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample Permit Req Value NODI									0130 - Monthly	GR - GRAB
80062	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample Permit Req Value NODI	4.408	104.0 MO AVG			26 - lbd				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.

Comments
 Attachments
 No attachments.

Report Last Saved By
 POPLAR GROVE, VILLAGE OF

User:
 ebumgamer
 Name: Elaine Bungamer
 E-Mail: ebumgamer@testing.com
 Date/Time: 2023-01-24 08:11 (Time Zone: -06:00)

Report Last Signed By
 User: IONSTEAR

DMR Copy of Record

Permit		IL0023451		Permittee:		POPLAR GROVE, VILLAGE OF		POPLAR GROVE - NORTH WWTP, VILLAGE OF	
Major:		No		Permittee Address:		200 NORTH HILL STREET POPLAR GROVE, IL 61065		Facility Location:	
Permitted Feature:		INF Influent Structure		Discharge:		INF-L INFLUENT MONITORING			
Report Dates & Status		From 12/01/22 to 12/31/22		DMR Due Date:		01/25/23		Status:	
Monitoring Period:		From 12/01/22 to 12/31/22		DMR Due Date:		01/25/23		NeDMR Validated	
Considerations for Form Completion		BOW ID: W0070150007		Principal Executive Officer		Ion Stear		Telephone:	
First Name:		Ion		Title:		Certified Operator			
Last Name:		Stear		Monitoring Location		G - Raw Sewage Influent			
No Date Indicator (NODI)		0		Session # Param: NODI		0			
Form NODI:		0		Sample Permit Req:		0			
Color		00310 BOD, 5-day, 20 deg. C		Sample Value NODI:		0			
00310 BOD, 5-day, 20 deg. C		G - Raw Sewage Influent		Sample Period Req:		0			
00330 Solids, total suspended		G - Raw Sewage Influent		Sample Value NODI:		0			
50050 Flow, in conduit or thru treatment plant		G - Raw Sewage Influent		Sample Permit Req:		0			
50050 Flow, in conduit or thru treatment plant		G - Raw Sewage Influent		Sample Value NODI:		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:									
ebungamer									
Name:									
Elaine Bungamer									
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ebungamer@estinc.com									
Date/Time:									
2023-01-24 08:12 (Time Zone: -06:00)									
Report Last Signed By									
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Name:									
istear@estinc.com									
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2023-01-24 10:38 (Time Zone: -06:00)									
Date/Time:									

DMR Copy of Record

Permit #:	IL0071447	Facility:	POPLAR GROVE SOUTH STP, VILLAGE OF
Major:	Yes	Facility Location:	12211 STATE ROUTE 78 POPLAR GROVE, IL 61065
Permitted Feature:	001 External Outfall	Discharge:	001-0 STP OUTFALL

Report Dates & Status	Monitoring Location	Season	Form NODi
Monitoring Period:	From 12/01/22 to 12/31/22	DMR Due Date:	01/25/23
Considerations for Form Completion			
BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.			
Principal Executive Officer			

First Name:	Ion	Certified Operator	815-224-1650
Last Name:	Stear		
No Data Indicator (NODi)			
Form NODi:			

Code	Parameter Name	Monitoring Location	Season	Form NODi	Quantity of Loading				Quality of Concentration				Units	Req. Freq.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Qualifier 4	Value 4				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	-	Sample											GR - GRAB
					Permit Req.											GR - GRAB
					Value NODi											
00400	pH	1 - Effluent Gross	0	-	Sample											GR - GRAB
					Permit Req.											GR - GRAB
					Value NODi											
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample											CP - COMPOS
					Permit Req.											CP - COMPOS
					Value NODi											
00590	Nitrogen, total [as N]	1 - Effluent Gross	0	-	Sample											CP - COMPOS
					Permit Req.											CP - COMPOS
					Value NODi											
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	-	Sample											CP - COMPOS
					Permit Req.											CP - COMPOS
					Value NODi											
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-	Sample											CP - COMPOS
					Permit Req.											CP - COMPOS
					Value NODi											
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample											GR - GRAB
					Permit Req.											GR - GRAB
					Value NODi											
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample											CP - COMPOS
					Permit Req.											CP - COMPOS
					Value NODi											
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Sample											CP - COMPOS
					Permit Req.											CP - COMPOS
					Value NODi											

Submission Note	
If a parameter row does not contain any values for the Sample not 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	ebungamer
POPLAR GROVE, VILLAGE OF	
User:	

DMR Copy of Record

Permit Permit #: IL0071447 Major: Yes		Permittee Permittee Address: POPLAR GROVE, VILLAGE OF 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 Feature: INF Influent Structure		Discharge: INF-L INFILTRANT MONITORING						
Report Dates & Status Monitoring Period: From 12/01/22 to 12/31/22 Considerations for Form Completion BOW ID: W0070150006		DMR Due Date: 01/25/23		Status: NetDMR Validated				
Principal Executive Officer First Name: Ion Last Name: Stear		Title: Certified Operator		Telephone: 815-224-1650				
No Data Indicator (NODI) Form NODI:								
Parameter Name	Monitoring Location	Reason # Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type
Colts				Qualifier 1 Value 1 Qualifier 2 Value 2	Qualifier 3 Value 3	Units		
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-		155.333 Req Mon MO AVG	19 - mg/L 19 - mg/L	0	03DW - 3 Days Every Week CP - COMPOS 03DW - 3 Days Every Week CP - COMPOS
00530 Solids, total suspended	G - Raw Sewage Influent	0	-		138.0 Req Mon MO AVG	19 - mg/L 19 - mg/L	0	03DW - 3 Days Every Week CP - COMPOS 03DW - 3 Days Every Week CP - COMPOS
00685 Phosphorus, total [as P]	1 - Effluent Gross	0	-		4.403 Req Mon MO AVG	19 - mg/L 19 - mg/L	0	03DW - 3 Days Every Week CP - COMPOS 03DW - 3 Days Every Week CP - COMPOS
50050 Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-	0.131 Req Mon MO AVG	0.207 Req Mon DAILY MX 03 - MGD	03 - MGD Req Mon DAILY MX 03 - MGD	0	9999 - Continuous 9999 - Continuous

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

Edits Check Errors
 No errors.

Comments

Attachments
 No attachments

Report Last Saved By
 POPLAR GROVE, VILLAGE OF

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 2023-01-24 08:17 (Time Zone: -06:00)

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Date/Time:
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 2023-01-24 10:38 (Time Zone: -06:00)

VILLAGE OF POPLAR GROVE - WEST
 FOR THE MONTH OF December 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-Nov	11:44	358913		8023.11		107.00		80				387.50		KL
1-Dec	11:50	358981	67	8024.12	2.05	105.00	1.0	85	2.00	1.00	386.60	1.10	DH	
2-Dec	11:50	359048	44	8026.17	1	104.00	1.0	80	2.00	0.85	385.50	0.80	DH	
3-Dec	08:00	359092	67	8027.17	1.53	103.00	1.0	78	2.00	0.83	384.70	0.90	JH	
4-Dec	08:00	359159	68	8028.7	1.58	102.00	1.0	88	2.00	0.99	383.80	1.30	JH	
5-Dec	07:25	359227	67	8030.28	1.5	101.00	1.0	107	2.00	0.82	382.50	1.30	KL	
6-Dec	07:55	359294	68	8031.78	1.6	100.00	1.0	0.79	4.00	1.40	381.20	1.30	KL	
7-Dec	07:05	359362	67	8033.38	1.49	99.00	1.0	1.03	4.00	1.14	379.90	1.20	KL	
8-Dec	11:00	359429	44	8034.87	1	98.00	0.0	0.83	2.00	0.79	378.70	1.00	DH	
9-Dec	07:10	359473	66	8035.87	1.51	97*160	1.0	1.09	2.00	1.23	377.7*433.9	0.90	KL	
10-Dec	09:00	359539	67	8037.38	1.58	158.00	1.0	0.72	2.00	0.84	433.00	1.20	DH	
11-Dec	09:05	359606	71	8038.96	1.59	157.00	1.0	0.91	2.00	0.69	431.80	1.20	DH	
12-Dec	07:20	359677	45	8040.55	1.03	156.00	1.0	0.88	2.00	1.17	430.60	0.80	KL	
13-Dec	07:05	359722	67	8041.58	1.54	155.00	1.0	1.64	4.00	1.35	429.80	1.50	KL	
14-Dec	11:35	359789	65	8043.12	1.45	154.00	1.0	1.86	2.00	1.34	428.30	1.20	KL	
15-Dec	07:10	359854	49	8044.57	1.18	153.00	1.0	0.90	2.00	1.03	427.10	0.70	KL	
16-Dec	07:00	359903	66	8045.75	1.54	152.00	0.0	1.65	2.00	1.07	426.40	1.10	KL	
17-Dec	07:40	359969	67	8047.29	1.46	152.00	1.0	0.86	2.00	1.57	425.30	1.40	KL	
18-Dec	08:15	360036	69	8048.75	1.57	151.00	0.0	0.91	2.00	1.62	423.90	1.30	KL	
19-Dec	07:20	360105	52	8050.32	1.12	151.00	-0.2	0.81	2.00	1.40	422.60	1.00	KL	
20-Dec	07:05	360157	60	8051.44	1.4	151.16	-9.8	0.70	2.00	0.91	421.60	9.70	KL	
21-Dec	08:30	360217	66	8052.84	1.57	161.00	1.0	1.72	4.00	1.32	411.90	1.40	KL	
22-Dec	07:00	360283	68	8054.41	1.54	160.00	1.0	1.29	2.00	1.21	410.50	1.10	KL	
23-Dec	09:20	360351	67	8055.95	1.63	159.00	1.0	1.25	2.00	0.69	409.40	1.30	DH	
24-Dec	09:28	360418	67	8057.58	1.45	158.00	1.0	1.38	2.00	1.81	408.10	1.40	DH	
25-Dec	08:35	360485	68	8059.03	1.55	157.00	0.0	1.29	4.00	0.78	406.70	1.40	DH	
26-Dec	09:02	360553	68	8060.58	1.56	157.00	1.0	1.11	2.00	0.74	405.30	1.30	DH	
27-Dec	07:25	360621	67	8062.14	1.54	156.00	1.0	1.40	2.00	0.84	404.00	1.40	KL	
28-Dec	07:00	360688	89	8063.68	1.95	155.00	2.0	0.88	4.00	0.90	402.60	1.80	KL	
29-Dec	06:55	360777	75	8065.63	1.81	153.00	0.0	0.87	2.00	0.87	400.80	1.80	KL	
30-Dec	07:10	360852	91	8067.44	2.11	153.00	1.0	1.11	4.00	0.97	399.00	1.20	KL	
31-Dec	08:00	360943	82	8069.55	1.9	152.00	2.0	0.88	4.00	1.20	397.80	1.70	JH	
1-Jan	08:00	361025		8071.45		150.00		1.25		1.18	396.1		JH	
TOT			1962					34.39						
AVE			65					1.07						
MAX			91					1.86						
MIN			44					0.70						

Ion Stear

SIGNATURE:
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF December 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			Phosphate Feed			Flouride Feed		Operator Initials
		Reading	Pumpage		Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	
30-Nov	12:30	573714		3940.3		4757.60		100.00		1.26		42*100		0.87	381.60		KL
1-Dec	01:30	573783	71	3941.4	1.1	4757.60	0	100.00	2.0			98	4.00	1.00	380.00	1.80	KL
2-Dec	12:45	573854	53	3942.5	0.8	4757.60	0	98.00	1.0	1.11		94	4.00	1.00	378.20	1.20	DH
3-Dec	08:00	573907	71	3943.3	1.1	4757.60	0	97.00	1.0	1.08		90	2.00	0.97	377.00	1.60	JH
4-Dec	08:00	573978	73	3944.4	1.2	4757.60	0	96.00	1.0	0.99		88	4.00	0.86	375.40	1.60	JH
5-Dec	08:00	574051	52	3945.6	0.8	4757.60	0	95.00	1.0	1.06		84	4.00	1.29	373.80	1.20	KL
6-Dec	07:00	574103	70	3946.4	1.1	4757.60	0	94.00	1.0	1.16		80	4.00	1.52	372.60	1.60	KL
7-Dec	07:40	574173	70	3947.5	1.1	4757.60	0	93.00	1.0	1.11		76	2.00	1.18	371.00	1.80	KL
8-Dec	12:40	574243	52	3948.6	0.8	4757.60	0	92.00	1.0	1.22		74	4.00	1.11	369.20	1.20	DH
9-Dec	07:40	574295	70	3949.4	1.1	4757.60	0	91*160	1.0	1.40		70*102	2.00	1.34	368*452.4	1.20	KL
10-Dec	08:40	574365	72	3950.5	1.1	4757.60	0	159.00	2.0	1.33		100	4.00	0.90	451.20	1.80	DH
11-Dec	08:44	574437	69	3951.6	1.1	4757.60	0	157.00	1.0	1.47		96	4.00	0.70	449.40	1.60	DH
12-Dec	08:00	574506	70	3952.7	1.1	4757.60	0	156.00	1.0	1.58		92	4.00	1.14	447.80	1.80	KL
13-Dec	07:40	574576	70	3953.8	1.1	4757.60	0	155.00	1.0	1.42		88	4.00	1.29	446.00	1.60	KL
14-Dec	12:10	574646	52	3954.9	0.8	4757.60	0	154.00	1.0	1.44		84	2.00	1.09	444.40	1.00	KL
15-Dec	08:05	574698	69	3955.7	1.1	4757.60	0	153.00	1.0	1.36		82	4.00	1.16	443.40	1.60	KL
16-Dec	08:00	574767	70	3956.8	1.1	4757.60	0	152.00	1.0	1.55		78	4.00	1.12	441.80	1.40	KL
17-Dec	08:00	574837	70	3957.9	1.1	4757.60	0	151.00	2.0	1.56		74	4.00	1.23	440.40	1.60	KL
18-Dec	08:40	574907	89	3959	1.4	4757.60	0	149.00	2.0	1.50		70	4.00	1.31	438.80	1.60	KL
19-Dec	08:15	574996	51	3960.4	0.8	4757.60	0	147.00	1.0	1.68		66	4.00	1.58	437.20	1.60	KL
20-Dec	07:45	575047	88	3961.2	1.4	4757.60	0	146.00	0.0	1.50		62	4.00	1.23	435.60	1.80	KL
21-Dec	09:05	575135	52	3962.6	0.8	4757.60	0	146.00	2.0	1.50		58	2.00	0.95	433.80	1.60	KL
22-Dec	07:40	575187	88	3963.4	1.3	4757.60	0	144.00	1.0	1.47		56	4.00	1.03	432.20	1.40	KL
23-Dec	10:30	575275	68	3964.7	1.1	4757.60	0	143.00	1.0	1.49		52	4.00	1.77	430.80	1.80	DH
24-Dec	10:00	575343	85	3965.8	1.3	4757.60	0	142.00	2.0	1.30		48	4.00	0.80	429.00	1.60	DH
25-Dec	09:14	575428	68	3967.1	1.1	4757.60	0	140.00	1.0	1.45		44*100	2.00	0.74	427.40	1.80	DH
26-Dec	09:20	575496	69	3968.2	1.1	4757.60	0	139.00	1.0	1.30		98	4.00	0.82	425.60	1.40	DH
27-Dec	08:10	575565	84	3969.3	1.3	4757.60	0	138.00	2.0	1.38		94	4.00	0.96	424.20	2.20	KL
28-Dec	07:40	575649	70	3970.6	1.1	4757.60	0	136.00	1.0	1.42		90	4.00	0.93	422.00	1.80	KL
29-Dec	07:50	575719	70	3971.7	1.1	4757.60	0	135.00	1.0	1.34		86	4.00	1.12	420.20	1.80	KL
30-Dec	07:50	575789	69	3972.8	1.2	4757.60	0	134.00	2.0	1.49		82	2.00	0.99	418.40	1.40	KL
31-Dec	08:00	575858	70	3974	1	4757.60	0	132.00	1.0	1.43		80	4.00	0.86	417.00	1.80	JH
1-Jan	08:00	575928		3975		4757.60		131.00		1.17		76		1.10	415.20		JH
TOT			2075				0			43.52				34.96			
AVE			69				0			1.36				1.09			
MAX			89				0			1.68				1.77			
MIN			51				0			0.99				0.70			

SIGNATURE:  on Stear
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VILLAGE OF POPLAR GROVE - NORTH
 FOR THE MONTH OF December 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-Nov	09:15	354410496.6		10063.5		28855.60		69.00			68		28.00		DH
1-Dec	11:20	354604057.7	195656.8	10063.5	0	28865.30	9.80	66.00	3.0	1.06	60	8.00	27.75	0.75	DH
2-Dec	11:20	354799714.5	180011.5	10063.5	0	28875.10	8.90	63.00	1.0	1.81	52	6.00	27.00	0.5	DH
3-Dec	08:00	354979726	185818	10063.5	0	28884.00	9.50	62.00	2.0	1.49	46	8.00	26.50	0.5	JH
4-Dec	08:00	355165544	202713.1	10063.5	0	28893.50	10.20	60.00	2.0	1.59	38	8.00	26.00	0.25	JH
5-Dec	07:00	355368257.1	218140.9	10063.5	0	28903.70	11.10	58.00	1.0	1.18	30*100	6.00	25.75	0.75	KL
6-Dec	10:11	355586398	147830.3	10063.5	0	28914.80	7.50	57.00	2.0	1.72	94	6.00	25.00	0	KL
7-Dec	06:50	355734228.3	241442.6	10063.5	0	28922.30	12.20	55.00	2.0	1.08	88	10.00	25.00	0.25	KL
8-Dec	10:45	355975670.9	145324.6	10063.5	0	28934.50	7.30	53.00	1.0	0.89	78	4.00	24.75	0.25	DH
9-Dec	06:50	356120995.5	189150.8	10063.5	0	28941.80	9.60	52*160	1.0	0.80	74	8.00	24*51	0.25	KL
10-Dec	08:30	356310146.3	210084	10063.5	0	28951.40	10.60	159.00	1.0	1.25	66	8.00	50.75	0.5	DH
11-Dec	08:40	356520230.3	192953.2	10063.5	0	28962.00	13.70	158.00	1.0	1.28	58	8.00	50.25	0.25	DH
12-Dec	07:05	356713183.5	184499.4	10063.5	0	28975.70	5.40	157.00	2.0	1.28	50	12.00	50.00	1	KL
13-Dec	06:45	356897682.9	246760.1	10063.5	0	28981.10	12.50	155.00	3.0	0.87	42*100	10.00	49.00	0.25	KL
14-Dec	11:20	357144443	148140	10063.5	0	28993.60	7.40	152.00	3.0	1.35	90	6.00	48.75	0.5	KL
15-Dec	08:50	357292583	197074.2	10063.5	0	29001.00	9.90	149.00	2.0	1.51	84	6.00	48.25	0.25	KL
16-Dec	06:40	357489657.2	197291.6	10063.5	0	29010.90	10.00	147.00	1.0	1.67	78	8.00	48.00	0	KL
17-Dec	07:30	357686948.8	211366.4	10063.5	0	29020.90	10.60	146.00	3.0	1.77	70	8.00	48.00	1	KL
18-Dec	08:00	357898315.2	219744.8	10063.5	0	29031.50	11.10	143.00	3.0	1.81	62	10.00	47.00	1	KL
19-Dec	07:00	358118060	197078.8	10063.5	0	29042.60	9.80	140.00	2.0	1.90	52	6.00	46.00	1	KL
20-Dec	08:45	358315138.8	204111	10063.5	0	29052.40	10.40	138.00	1.0	1.49	46	6.00	45.00	0.25	KL
21-Dec	08:00	358519249.8	165862.6	10063.5	0	29062.80	8.30	137.00	2.0	1.01	40	8.00	44.75	0.5	KL
22-Dec	06:45	358685112.4	234592.5	10063.5	0	29071.10	11.80	135.00	2.0	1.18	32*100	10.00	44.25	0.25	KL
23-Dec	08:00	358919704.9	226111.2	10063.5	0	29082.90	11.80	133.00	2.0	1.21	90	8.00	44.00	1	DH
24-Dec	08:52	359145816.1	193900.3	10063.5	0	29094.70	9.30	131.00	3.0	0.50	82	2.00	43.00	0.25	DH
25-Dec	08:00	359339716.4	206421.8	10063.5	0	29104.00	10.40	128.00	1.0	0.68	80	2.00	42.75	0.75	DH
26-Dec	08:35	359546138.2	196949.8	10063.5	0	29114.40	10.00	127.00	2.0	0.70	78	4.00	42.00	0	DH
27-Dec	07:10	359743088	208767.1	10063.5	0	29124.40	10.50	125.00	3.0	0.78	74	4.00	42.00	1	KL
28-Dec	06:45	359951855.1	209938.6	10063.5	0	29134.90	10.60	122.00	2.0	1.02	70	8.00	41.00	1	KL
29-Dec	06:40	360161793.7	203244.6	10063.5	0	29145.50	10.30	120.00	2.0	1.43	62	8.00	40.00	1	KL
30-Dec	06:50	360365038.3	221881	10063.5	0	29155.80	10.20	118.00	3.0	1.31	54	8.00	39.00	0	KL
31-Dec	08:00	360586919.3	204915	10063.5	0	29166.00	11.00	115.00	2.0	1.53	46	8.00	39.00	1	JH
1-Jan	800	360791834.3		10063.5		29177.0		113.0		1.2	38		38		JH
TOT			5982862				301			40.35					
AVE			199429				10			1.26					
MAX			246760				14			1.90					
MIN			144925				5			0.50					

Ion Stear

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VILLAGE OF POPLAR GROVE

FOR THE MONTH OF December 2022

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

DIVISION OF PUBLIC WATER SUPPLIES

DAILY DISTRIBUTION MONITORING REPORT

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	Village	0.25		1.29	O.L. Office	0.60		0.47	Tower	0.92		1.18	DH			0.51	0.48	0.58
2	Tower	1.81		1.75	Tower	0.91		0.65	Tower	0.99		1.25	DH			0.68	0.46	0.56
3																0.74	0.51	0.63
4																0.51	0.51	0.63
5	Elm	1.12		1.64	Gas Station	0.79		0.7	Tower	0.89		1.13	KL			0.75	0.72	0.57
6	Tower	1.72		1.01	O.L. Office	0.67		0.71	Tower	0.95		0.86	KL			0.53	0.61	0.66
7	Village	1.46		1.46	Garage	0.94		1.61	Tower	0.85		0.94	KL			0.47	0.54	0.66
8	Tower	0.89		1.01	Tower	0.85		0.4	Tower	0.92		1.17	KL			0.47	0.53	0.67
9	Tower	0.8		1.22	Gas Station	0.83		0.89	Tower	1.1		1.15	KL			0.52	0.71	0.64
10																0.53	0.69	0.73
11																0.49	0.55	0.70
12	Elm	0.8		1.75	O.L. Office	0.71		0.68	Tower	0.89		1.12	KL			0.66	0.53	0.68
13	Tower	0.87		1.01	Tower	1.34		1.1	Tower	1.06		1.15	KL			0.79	0.64	0.66
14	Tower	1.36		0.96	Garage	0.82		1.27	Tower	0.83		0.75	KL			0.64	0.98	0.64
15	Elm	1.04		1.89	Gas Station	0.74		0.86	Tower	0.92		0.76	KL			0.62	0.52	0.63
16	Village	0.41		1.3	O.L. Well	0.94		0.89	Tower	1.02		0.84	KL			0.75	1.20	0.64
17																0.71	0.65	0.69
18																0.61	0.62	0.67
19	Tower	1.9		1.14	Gas Station	0.62		0.92	Tower	1.18		0.83	KL			0.84	0.55	0.69
20	Elm	1.02		1.19	O.L. Office	0.3		0.62	Tower	1.15		0.89	KL			0.79	0.61	0.60
21	Tower	1.01		1.29	Garage	0.55		1.11	Tower	1.34		0.94	KL			0.89	0.74	0.65
22	Tower	1.18		0.9	Tower	1.15		1.18	Tower	1		0.98	KL			0.96	0.54	0.59
23																0.74	0.62	0.63
24																0.67	0.51	0.60
25																0.73	0.68	0.70
26																0.59	0.62	0.79
27	Elm	0.81		0.88	Gas Station	0.71		0.84	Tower	1.1		1.01	KL			0.70	0.56	0.68
28	Tower	1.02		0.87	O.L. Office	0.52		0.7	Tower	1.21		1.51	KL			0.42	0.54	0.63
29	Tower	1.43		0.84	Tower	0.82		0.75	Tower	1.15		1.2	KL			0.63	0.55	0.67
30	Tower	1.31		0.75	Garage	0.66		1.06	Tower	1.1		0.81	KL			0.61	0.71	0.57
31																0.92	0.60	0.69

Signature:

Ion Stear

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