



September 7, 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 August 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:

- We have Sable coming out to look at some issues with the main lift station that we can't figure out.
- All PM's have been done on all the generators at the lift station.
- Cleaned grease and rags off floats and transducers.
- Have a call in to Collins to come and do the normal fall cleaning of lift stations.

North WWTP:

- All standard monthly checks/maintenance/cleaning and producers were completed.
- PM was done on the generator by rush power.
- Decanted digesters
- The new screen has been working great and we are getting a lot more rags out of the influent than before. We are having to empty the rag bucket every day.
- 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.
- Changed broken airline on SBR1.
- PM was done on generator.
- Cleaned sand filter room.
- Fixed issues with chem recirc pump.
- Weed wacked plant fence line.
- Tested all emergency wash stations.
- Decanted digesters.

Water System:

- Cleaned well houses.
- Lead and copper samples results for south system have been sent out.

- Replaced chemical pump tubing at Well 3.
- Replaced chemical pump line 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

DMR Copy of Record

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		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
From 07/01/22 to 07/31/22	08/25/22	08/25/22	NotDMR Validated

Considerations for Form Completion
BOW ID: W0070150007; DMF LOAD LIMITS DISPLAYED. MONITORING LOCATION "1" IS MONTHLY AVERAGE AND DAILY MAXIMUM. MONITORING LOCATION "B" IS FOR WEEKLY AVERAGE.

Principal Executive Officer

First Name:	Jon	Certified Operator	Telephone:
Last Name:	Stear		815-224-1650
No Data Indicator (NODI)			
Form NODI:			

Code	Parameter	Monitoring Location	Session #	Param. NODI	Sample Permit Rec. Value NODI	Quantity of Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Qualifier 4	Value 4	Quality or Concentration	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-																
00400	pH	1 - Effluent Gross	0	-																
X 00530	Solids, total suspended	1 - Effluent Gross	0	-																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-																
50060	Chlorine, total residual	1 - Effluent Gross	0	-																
74055	Coliform, fecal general	1 - Effluent Gross	0	-																
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	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

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
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
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

TSS went over permit limit due to a decanter failing to close and allowing some solids to get into the effluent tank. Decanter has since been fixed.

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:

abumgarner

Name: Bumgarner

E-Mail: abumgarner@testinc.com

Date/Time: 2022-08-17 11:12 (Time Zone: -05:00)

IONSTEAR

Name: Ion Stear

E-Mail: istear@testinc.com

Date/Time: 2022-08-22 14:36 (Time Zone: -05:00)

DMR Copy of Record

Permit #: IL0023451 Major: No		Permittee Address: POPLAR GROVE, VILLAGE OF PO BOX 1 POPLAR GROVE, IL 61065		Facility Location: POPLAR GROVE - NORTH WWTP, VILLAGE OF 205 EDSON RD POPLAR GROVE, IL 61065	
Permitted Feature: INF Influent Structure		Discharge: INF-1 INFLUENT MONITORING			
Report Dates & Status Monitoring Period: From 07/01/22 to 07/31/22 Considerations for Form Completion BOW ID: W0070150007		DMR Due Date: 08/25/22		Status: Not DMR Validated	
Principal Executive Officer First Name: Ion Last Name: Stear No Data Indicator (NODI)		Title: Certified Operator		Telephone: 815-224-1650	
Form NODI: Parameter Name: - Monitoring Location: G - Raw Sewage Influent Sample # Param, NODI: 0 -					
Code 00310 BOD, 5-day, 20 deg. C		Qualifier 1 Value 1: - Qualifier 2: - Qualifier 3: -		Quantity of Constituent Value 1: - Value 2: 126.625 Value 3: - Req Mon MO AVG	
00530 Solids, total suspended		Qualifier 1 Value 1: - Qualifier 2: - Qualifier 3: -		Quantity of Constituent Value 1: - Value 2: 242.75 Value 3: - Req Mon MO AVG	
50050 Flow, in conduit or thru treatment plant		Qualifier 1 Value 1: - Qualifier 2: - Qualifier 3: -		Quantity of Constituent Value 1: - Value 2: - Value 3: - Req Mon DAILY MX 03 - MGD	

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
 No comments.

Attachments
 No attachments.

Report Last Saved By
 POPLAR GROVE, VILLAGE OF

User: ebungamer
Name: Elaine Bungamer
E-Mail: ebungamer@testing.com
Date/Time: 2022-08-17 10:28 (Time Zone: -05:00)

Report Last Signed By
 User: IONSTEAR
Name: Ion Stear
E-Mail: istear@testing.com
Date/Time: 2022-08-22 14:36 (Time Zone: -05:00)

DMR Copy of Record

Permit #: IL0071447 Major: Yes		Permittee: POPLAR GROVE, VILLAGE OF Permittee Address: 200 S HILL ST POPLAR GROVE, IL 61065		Facility: POPLAR GROVE SOUTH STP, VILLAGE OF Facility Location: 12211 STATE ROUTE 76 POPLAR GROVE, IL 61065	
Permitted Feature: 001 External Outfall		Discharge: 001-S SEMI ANNUAL SAMPLING @ 001			
Report Dates & Status Monitoring Period: From 02/01/22 to 07/31/22 Considerations for Form Completion BOW ID: W0070150006					
Principal Executive Officer First Name: Ion Last Name: Slear No Data Indicator (NODI)					
Form NODI: -		Monitoring Location: Reason 2 Permit NODI		Quantity or Loading: Qualifier 1 Value 1 Qualifier 2 Value 2 Unit Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Unit	
Code	Parameter Name	Monitoring Location	Reason 2 Permit NODI	Qualifier 1 Value 1 Qualifier 2 Value 2 Unit	Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Unit
00556	Oil & Grease	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.0099 - See Permit 19 - mg/L 0.0099 - See Permit 19 - mg/L 0
00720	Cyanide, total [as CN]	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.0099 - See Permit 28 - ug/L 0.0099 - See Permit 28 - ug/L 0
00722	Cyanide, free [amenable to chlorination]	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.0099 - See Permit 28 - ug/L 0.0099 - See Permit 28 - ug/L 0
00951	Fluoride, total [as F]	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.438 19 - mg/L 0.438 19 - mg/L 0
01002	Arsenic, total [as As]	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.00979 19 - mg/L 0.00979 19 - mg/L 0
01007	Barium, total [as Ba]	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.033 19 - mg/L 0.033 19 - mg/L 0
01027	Cadmium, total [as Cd]	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.001 19 - mg/L 0.001 19 - mg/L 0
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.005 19 - mg/L 0.005 19 - mg/L 0
01034	Chromium, total [as Cr]	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.00152 19 - mg/L 0.00152 19 - mg/L 0
01042	Copper, total [as Cu]	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.00553 19 - mg/L 0.00553 19 - mg/L 0
01045	Iron, total [as Fe]	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.0831 19 - mg/L 0.0831 19 - mg/L 0
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.00608 19 - mg/L 0.00608 19 - mg/L 0
01051	Lead, total [as Pb]	1 - Effluent Gross	0 -	Sample Permit Req. Value NODI	0.0091 19 - mg/L 0.0091 19 - mg/L 0

Certified Operator

Telephone: 815-224-1650

Status: NetDMR Validated

01055	Manganese, total [as Mn]	1 - Effluent Gross	0	--		Sample Permit Req Value NOD	0.0219	19 - mg/L	0959 - See Permit	24 - COMP24
						Sample Permit Req Value NOD	Req Mon DAILY MX	19 - mg/L	0959 - See Permit	24 - COMP24
01067	Nickel, total [as Ni]	1 - Effluent Gross	0	--		Sample Permit Req Value NOD	0.00319	19 - mg/L	0959 - See Permit	24 - COMP24
						Sample Permit Req Value NOD	Req Mon DAILY MX	19 - mg/L	0959 - See Permit	24 - COMP24
01077	Silver, total [as Ag]	1 - Effluent Gross	0	--		Sample Permit Req Value NOD	0.00168	19 - mg/L	0959 - See Permit	24 - COMP24
						Sample Permit Req Value NOD	Req Mon DAILY MX	19 - mg/L	0959 - See Permit	24 - COMP24
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	--		Sample Permit Req Value NOD	0.0243	19 - mg/L	0959 - See Permit	24 - COMP24
						Sample Permit Req Value NOD	Req Mon DAILY MX	19 - mg/L	0959 - See Permit	24 - COMP24
01147	Selenium, total [as Se]	1 - Effluent Gross	0	--		Sample Permit Req Value NOD	0.00218	19 - mg/L	0959 - See Permit	24 - COMP24
						Sample Permit Req Value NOD	Req Mon DAILY MX	19 - mg/L	0959 - See Permit	24 - COMP24
32730	Phenolics, total recoverable	1 - Effluent Gross	0	--		Sample Permit Req Value NOD	0.006	19 - mg/L	0959 - See Permit	GR - GRAB
						Sample Permit Req Value NOD	Req Mon DAILY MX	19 - mg/L	0959 - See Permit	GR - GRAB
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--		Sample Permit Req Value NOD	0.0	3M - mg/L	0959 - See Permit	GR - GRAB
						Sample Permit Req Value NOD	Req Mon DAILY MX	3M - mg/L	0959 - See Permit	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:

ebungarner

Name:

Elaine Bungarner

E-Mail:

ebungarner@estinc.com

Date/Time:

2022-08-08 14:26 (Time Zone: -05:00)

Report Last Signed By

IONSTEAR

User:

Ion Stear

Name:

istear@estinc.com

E-Mail:

2022-08-22 14:36 (Time Zone: -05:00)

Date/Time:

DMR Copy of Record

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

Permittee: POPLAR GROVE, VILLAGE OF
Permittee Address: 200 S HILL ST
 POPLAR GROVE, IL 61065
Discharge: INF-L
 INFLUENT MONITORING

Report Dates & Status: From 07/01/22 to 07/31/22
Monitoring Period: 08/25/22
Status: NotDMR Validated
Considerations for Form Completion:

BOW ID: W0070150006

Principal Executive Officer

First Name: Ion
Last Name: Stear
Title: Certified Operator
Telephone: 815-224-1650

No Data Indicator (NODI):
Form NODI:

Parameter	Monitoring Location	Season & Permit NODI	Sample Permit Req. Value NODI	Qualifier 1	Quantity or Loading	Qualifier 2	Value 1	Qualifier 3	Value 2	Qualifier 4	Value 3	Units	Unit Eq.	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	-												
00665 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:

ebungarner

Elaine Bungarner

ebungarner@iesinc.com

2022-08-17 10:41 (Time Zone: -05:00)

Date/Time:

Report Last Signed By

User:

IONSTEAR

Ion Stear

istear@iesinc.com

2022-08-22 14:36 (Time Zone: -05:00)

Date/Time:

E-Mail:

E-Mail:

Date/Time:

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 Feature: 001 External Outfall		Discharge: 001-0 STP OUTFALL							
Report Dates & Status Monitoring Period: From 07/01/22 to 07/31/22 Considerations for Form Completion BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED. Principal Executive Officer		DMR Due Date: 08/25/22		Status: NetDMR Validated					
First Name: Ion		Title: Certified Operator		Telephone: 815-224-1650					
Last Name: Stear									
No Data Indicator (NODI) Form NODI:									
Code	Parameter Name	Monitoring Location	Sample Permit Req. Value NODI	Sample Permit Req. Value NODI	Quantity or Loading	Quality at Concentration	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-		Value 1: 7.06 Value 2: 6.0 MINIMUM	7.19 6.25 MN WK AV	03DW - 3 Days Every Week 03DW - 3 Days Every Week	GR - GRAB GR - GRAB
00400	pH	1 - Effluent Gross	0	-		Value 1: 8.73 Value 2: 9.0 MAXIMUM	12 - SU 12 - SU	03DW - 3 Days Every Week 03DW - 3 Days Every Week	GR - GRAB GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-		Value 1: 10.275 Value 2: 250.0 MO AVG	23.118 500.0 DAILY MX	03DW - 3 Days Every Week 03DW - 3 Days Every Week	CP - COMPOS CP - COMPOS
00560	Nitrogen, total [as N]	1 - Effluent Gross	0	-		Value 1: 4.0 Value 2: 12.0 MO AVG	24.0 DAILY MX	0130 - Monthly 0130 - Monthly	CP - COMPOS CP - COMPOS
00510	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	-		Value 1: 0.324 Value 2: 31.0 MO AVG	0.825 113.0 DAILY MX	03DW - 3 Days Every Week 03DW - 3 Days Every Week	CP - COMPOS CP - COMPOS
00510	Nitrogen, ammonia total [as N]	8 - Other Treatment, Process Complete	1	-		Value 1: 0.509 Value 2: 79.0 WKLY AVG	0.198 3.8 WKLY AVG	03DW - 3 Days Every Week 03DW - 3 Days Every Week	CP - COMPOS CP - COMPOS
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	-		Value 1: 0.86 Value 2: 21.0 MO AVG	0.257 1.0 MO AVG	03DW - 3 Days Every Week 03DW - 3 Days Every Week	CP - COMPOS CP - COMPOS
50060	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-		Value 1: 0.308 Value 2: 31.0 MO AVG	0.83 113.0 DAILY MX	03DW - 3 Days Every Week 03DW - 3 Days Every Week	GR - GRAB GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	-		Value 1: 0.0 Value 2: 0.05 DAILY MX	0.0 0.05 DAILY MX	03DW - 3 Days Every Week 03DW - 3 Days Every Week	GR - GRAB GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0	-		Value 1: 10.0 Value 2: 400.0 DAILY MX	13 - #/100mL 13 - #/100mL	03DW - 3 Days Every Week 03DW - 3 Days Every Week	CP - COMPOS CP - COMPOS
80062	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-		Value 1: 2.0 Value 2: 20.0 DAILY MX	1.417 10.0 MO AVG	03DW - 3 Days Every Week 03DW - 3 Days Every Week	CP - COMPOS 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:

ebungamer

Name:

Elaine Bungamer

E-Mail:

ebungamer@testinc.com

Date/Time:

2022-08-17 10:41 (Time Zone: -05:00)

Report Last Signed By

IONSTEAR

User:

Ion Stear

Name:

Istear@testinc.com

E-Mail:

2022-08-22 14:36 (Time Zone: -05:00)

Date/Time:

VILLAGE OF POPLAR GROVE - WEST
 FOR THE MONTH OF July 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-Jun	07:15	348396		7781.68		141.00			72			367.30		KL
1-Jul	08:10	348487	89	7783.78	2.04	140.00	1.0	1.72	69	8.00	1.37	364.80	2.40	KL
2-Jul	08:05	348576	97	7785.82	2.27	139.00	1.0	0.46	61	7.00	1.47	362.40	2.80	KL
3-Jul	07:55	348673	98	7788.09	2.24	138.00	1.0	0.89	54	6.00	1.16	359.60	2.80	KL
4-Jul	07:05	348771	92	7790.33	2.13	137.00	1.0	0.67	50*100	7.00	1.99	356.80	3.10	KL
5-Jul	08:15	348863	43	7792.46	1.01	136.00	0.0	0.39	93	1.00	1.78	353.70	1.20	JS
6-Jul	07:35	348906	66	7793.47	1.51	136.00	3.0	0.51	92	3.00	1.48	352.50	1.70	JS
7-Jul	07:15	348972	67	7794.98	1.52	133.00	0.0	0.22	89	6.00	1.76	350.80	2.30	KL
8-Jul	08:10	349039	72	7796.5	1.68	133*160	1.0	0.36	83	4.00	1.23	348.5*488.7	1.00	JS
9-Jul	08:50	349111	88	7798.18	1.53	159.00	1.0	1.22	79	5.00	2.00	437.70	2.00	JS
10-Jul	08:35	349199	61	7799.71	1.82	158.50	0.5	0.96	74	5.00	1.12	435.70	2.90	JS
11-Jul	08:00	349260	62	7801.53	1.45	158.00	1.0	1.13	69	5.00	1.27	432.80	1.70	JS
12-Jul	07:20	349322	71	7802.98	1.65	157.00	0.0	0.65	64*110	3.00	1.11	431.10	2.10	JS
13-Jul	07:55	349393	79	7804.63	1.92	157.00	1.0	0.69	107	7.00	1.19	429.00	2.40	JS
14-Jul	08:35	349472	69	7806.55	1.49	156.00	0.0	0.65	100	1.00	1.34	426.60	2.20	JS
15-Jul	09:30	349541	44	7808.04	1.02	156.00	1.0	0.47	99	2.00	1.55	424.40	1.50	KL
16-Jul	07:05	349585	66	7809.06	1.52	155.00	0.0	0.91	97	6.00	1.37	422.90	2.00	KL
17-Jul	07:45	349651	67	7810.58	1.52	155.00	2.0	0.78	91	4.00	2.12	420.90	2.00	KL
18-Jul	07:55	349718	73	7812.1	1.66	153.00	0.0	0.52	87	5.00	1.31	418.90	2.10	JS
19-Jul	09:10	349791	72	7813.76	1.66	153.00	0.0	1.44	82	5.00	0.92	416.80	2.30	JS
20-Jul	08:25	349863	72	7815.42	1.69	153.00	2.5	1.01	77	4.00	1.04	414.50	1.90	JS
21-Jul	08:30	349935	68	7817.11	1.56	150.50	1.5	2.13	73	5.00	2.00	412.60	2.10	JS
22-Jul	08:48	350003	68	7818.67	1.56	149.00	1.0	1.67	68	4.00	2.12	410.50	2.30	JS
23-Jul	08:45	350071	69	7820.23	1.58	148.00	2.0	1.84	64	5.00	2.02	408.20	2.10	JS
24-Jul	08:55	350140	67	7821.81	1.53	146.00	1.0	2.19	59	5.00	1.99	406.10	1.50	JS
25-Jul	07:30	350207	45	7823.34	1.11	145.00	2.0	1.55	54*100	3.00	1.30	404.60	1.70	JS
26-Jul	07:35	350252	65	7824.45	1.43	143.00	1.0	1.56	97	5.00	1.31	402.90	1.90	JS
27-Jul	06:40	350317	68	7825.88	1.54	142.00	2.0	1.59	92	4.00	1.34	401.00	2.00	KL
28-Jul	08:50	350385	70	7827.42	1.6	140.00	2.0	2.11	88	5.00	1.11	399.00	1.80	JS
29-Jul	08:15	350455	65	7829.02	1.49	138.00	1.0	1.97	83	3.00	2.07	397.20	1.90	JS
30-Jul	06:50	350520	68	7830.51	1.49	137.00	2.0	2.18	80	1.00	2.12	395.30	2.10	KL
31-Jul	08:00	350588	89	7832	2.13	135.00	3.0	1.86	79	6.00	1.83	393.20	2.90	KL
1-Aug	08:10	350677		7834.13		132.00			73			390.3		JS
TOT			2101					36.30			47.79			
AVE			70					1.17			1.54			
MAX			98					2.19			2.12			
MIN			43					0.22			0.92			

SIGNATURE:  Jon Stear
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF July 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	PO4 mg/L	Scale		lbs Used
30-Jun	08:00	559779		3721.8		4560.20		107.00			92		381.40		KL	
1-Jul	07:30	559951	150	3724.5	2.4	4560.20	0	105.00	3.0	1.65	84	6.00	0.87	377.60	3.20	KL
2-Jul	07:40	560101	171	3726.9	2.7	4560.20	0	102.00	3.0	1.19	78	8.00	1.32	374.40	3.40	KL
3-Jul	08:20	560272	165	3729.6	2.7	4560.20	0	99.00	2.0	1.03	70	10.00	1.31	371.00	3.60	KL
4-Jul	07:18	560437	123	3732.3	1.8	4560.20	0	97.00	3.0	1.20	60	6.00		367.40	2.40	KL
5-Jul	09:10	560560	109	3734.1	1.8	4560.20	0	94.00	0.0	0.69	54	6.00	1.13	365.00	2.40	JS
6-Jul	08:05	560669	88	3735.9	1.4	4560.20	0	94.00	1.0	0.63	48*100	2.00	0.43	362.60	2.00	JS
7-Jul	08:30	560757	106	3737.3	1.7	4560.20	0	93.00	2.0	1.17	98	6.00	0.72	360.60	2.20	KL
8-Jul	07:08	560863	103	3739	1.6	4560.20	0	91*160	0.5	1.18	92	7.00	1.12	358.4*455.14	1.54	JS
9-Jul	09:20	560966	105	3740.6	1.7	4560.20	0	159.50	1.5	1.12	85	5.00	1.00	453.60	2.40	JS
10-Jul	09:05	561071	149	3742.3	2.3	4560.20	0	158.00	3.0	1.67	80	8.00	0.86	451.20	3.00	JS
11-Jul	09:00	561220	95	3744.6	1.5	4560.20	0	155.00	2.0	1.96	72	6.00	1.05	448.20	2.20	JS
12-Jul	08:25	561315	139	3746.1	2.2	4560.20	0	153.00	1.0	1.45	66	7.00	1.08	446.00	3.00	JS
13-Jul	08:40	561454	112	3748.3	1.8	4560.20	0	152.00	0.0	1.48	59	7.00	0.54	443.00	2.20	JS
14-Jul	07:00	561566	132	3750.1	2	4560.20	0	152.00	5.0	1.30	52	4.00	0.98	440.80	3.00	JS
15-Jul	08:45	561698	69	3752.1	1.1	4560.20	0	147.00	1.0	1.48	48*100	2.00	1.12	437.80	1.20	KL
16-Jul	07:25	561767	104	3753.2	1.7	4560.20	0	146.00	0.0	1.19	98	8.00	1.96	436.60	2.40	KL
17-Jul	08:00	561871	128	3754.9	2	4560.20	0	146.00	2.0	1.44	90	6.00	1.48	434.20	3.00	KL
18-Jul	09:05	561999	114	3756.9	1.8	4560.20	0	144.00	2.0	1.25	84	5.00	1.06	431.20	2.20	JS
19-Jul	07:20	562113	111	3758.7	2.1	4560.20	0	142.00	2.0	1.52	79	8.00	1.05	429.00	2.60	JS
20-Jul	09:15	562224	132	3760.8	1.7	4560.20	0	140.00	1.0	1.31	71	6.00	0.89	426.40	2.60	JS
21-Jul	07:00	562356	125	3762.5	2	4560.20	0	139.00	1.5	1.22	65*100	6.00	1.15	423.80	2.60	JS
22-Jul	07:05	562481	104	3764.5	1.6	4560.20	0	137.50	2.5	1.48	94	6.00	1.54	421.20	1.60	JS
23-Jul	08:15	562585	83	3766.1	1.3	4560.20	0	135.00	2.0	1.17	88	4.00	1.09	419.60	2.40	JS
24-Jul	09:20	562668	125	3767.4	2	4560.20	0	133.00	1.0	1.11	84	8.00	1.11	417.20	2.60	JS
25-Jul	08:45	562793	86	3769.4	1.4	4560.20	0	132.00	1.0	0.99	76	4.00	0.95	414.60	1.60	JS
26-Jul	08:25	562879	108	3770.8	1.7	4560.20	0	131.00	2.0	1.21	72	4.00	1.16	413.00	2.40	JS
27-Jul	07:15	562987	126	3772.5	1.9	4560.20	0	129.00	2.0	1.54	68	9.00	1.26	410.60	2.60	KL
28-Jul	07:10	563113	105	3774.4	1.7	4560.20	0	127.00	2.0	1.52	59	6.00	0.98	408.00	2.20	JS
29-Jul	07:10	563218	123	3776.1	1.9	4560.20	0	125.00	1.0	0.79	53	5.00	1.00	405.80	2.60	JS
30-Jul	09:00	563341	96	3778	1.5	4560.20	0	124.00	2.0	1.68	48*100	2.00	1.37	403.20	2.20	KL
31-Jul	08:30	563437	136	3779.5	2.2	4560.20	0	122.00	2.0	1.42	98	9.00	1.27	401.00	3.00	KL
1-Aug	09:10	563573		3781.7		4560.20		120.00			89			398.00		JS
TOT			3486				0			40.04						
AVE			116				0			1.29						
MAX			171				0			1.96						
MIN			69				0			0.63						

SIGNATURE:  Ion Stear
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VILLAGE OF POPLAR GROVE - NORTH
FOR THE MONTH OF July 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-Jun	07:00	331103754.5		10062.1		27695.20		107.00		1.20	68		24.00		KL
1-Jul	08:00	331330859.7	148178.2	10062.1	0	27706.60	7.40	103.00	2.0	1.27	59	9.00	23.00	0	KL
2-Jul	07:00	331479037.9	212092	10062.1	0	27714.00	10.60	101.00	2.0	1.10	50	9.00	23.00	1	KL
3-Jul	07:45	331691129.9	201925.4	10062.1	0	27724.60	10.10	99.00	2.0	1.46	41*100	2.00	22.00	1	KL
4-Jul	08:55	331893055.3	143393	10062.1	0	27734.70	7.10	97.00	1.0	1.11	98	2.00	21.00	0.25	KL
5-Jul	07:45	332036448.3	151202.8	10062.1	0	27741.80	7.60	96.00	2.0	0.98	96	0.00	20.75	0.75	JS
6-Jul	07:15	332187651.1	129422.8	10062.1	0	27749.40	6.40	94.00	1.0	1.25	96	4.00	20.00	0	JS
7-Jul	08:15	332317073.9	136710.8	10062.1	0	27755.80	6.90	93.00	1.0	0.97	92	2.00	20.00	1	KL
8-Jul	08:50	332453784.7	131996.7	10062.1	0	27762.70	6.50	92*160	0.0	1.37	90	5.00	19*51	0.5	JS
9-Jul	08:30	332585781.4	185528.3	10062.1	0	27769.20	9.20	160.00	2.0	0.84	85	4.00	50.50	0.5	JS
10-Jul	08:20	332771309.7	151532.1	10062.1	0	27778.40	7.60	158.00	1.0	1.24	81	6.00	50.00	0.75	JS
11-Jul	07:30	332922841.8	166787	10062.1	0	27786.00	8.30	157.00	3.0	1.32	75	5.00	49.25	0.75	JS
12-Jul	07:00	333089628.8	144070.8	10062.1	0	27794.30	7.20	154.00	0.0	2.07	70*114	5.00	48.50	0.5	JS
13-Jul	07:25	333233699.6	183375.2	10062.1	0	27801.50	9.10	154.00	4.0	0.52	109	7.00	48.00	1	KL
14-Jul	09:10	333417074.8	135453.3	10062.1	0	27810.60	6.80	150.00	2.0	2.10	102	4.00	47.00	1	JS
15-Jul	09:15	33352528.1	119675.2	10062.1	0	27817.40	6.00	148.00	1.0	2.05	98	6.00	46.00	0	KL
16-Jul	06:55	333672203.3	121239.6	10062.1	0	27823.40	6.30	147.00	2.0	1.71	92	3.00	46.00	1	KL
17-Jul	07:35	333793442.9	186515.3	10062.1	0	27829.70	9.00	145.00	3.0	1.61	89	6.00	45.00	1	KL
18-Jul	07:25	333979958.2	170258.6	10062.1	0	27838.70	8.50	142.00	3.0	1.74	83	6.00	44.00	0.5	JS
19-Jul	08:50	334150216.8	149578.2	10062.1	0	27847.20	7.40	139.00	2.0	1.19	77	4.00	43.50	0.5	JS
20-Jul	07:55	334299795	155653.2	10062.1	0	27854.60	7.70	137.00	1.0	1.43	73	6.00	43.00	1	JS
21-Jul	08:05	334455448.2	164815.3	10062.1	0	27862.30	8.30	136.00	3.0	1.29	67	5.00	42.00	1	JS
22-Jul	07:00	334620263.5	142911.6	10062.1	0	27870.60	7.10	133.00	1.0	1.37	62	5.00	41.00	1	KL
23-Jul	09:05	334763175.1	154000.7	10062.1	0	27877.70	7.70	132.00	2.0	1.05	57	6.00	40.00	0.25	JS
24-Jul	08:35	334917175.8	146475.9	10062.1	0	27885.40	7.30	130.00	2.0	1.09	51	5.00	39.75	0.75	JS
25-Jul	07:15	335063651.7	121266.3	10062.1	0	27892.70	6.10	128.00	1.5	1.02	46*100	2.00	39.00	1	JS
26-Jul	07:05	335184918	159762.1	10062.1	0	27898.80	7.90	126.50	2.5	1.14	98	6.00	38.00	0.5	JS
27-Jul	08:30	335344680.1	159798.8	10062.1	0	27906.70	8.00	124.00	2.0	1.20	92	5.00	37.50	0.5	KL
28-Jul	09:15	335504478.9	156769.6	10062.1	0	27914.70	7.90	122.00	2.0	1.06	87	6.00	37.00	0.75	JS
29-Jul	08:40	335661248.5	127942.1	10062.1	0	27922.60	6.30	120.00	2.0	1.11	81	3.00	36.25	1	JS
30-Jul	08:35	335789190.6	155136.9	10062.1	0	27928.90	7.80	118.00	2.0	1.82	78	7.00	35.25	0.25	KL
31-Jul	07:00	335944327.5	199451.5	10062.1	0	27936.70	10.00	116.00	2.0		71	8.00	35.00	1	KL
1-Aug	07:00	336143779		10062.1		27946.7		114.0			63		34		JS
TOT			4613468				230			40.68					
AVE			153782				8			1.31					
MAX			212092				11			2.10					
MIN			119675				6			0.52					

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VILLAGE OF POPLAR GROVE
FOR THE MONTH OF July 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	Tower	1.2		1.45	Garage	0.38		1.84	Tower	1.13		1.15	KL			0.68	0.43	0.29
2																0.37	0.40	0.28
3																0.36	0.38	0.27
4	Tower	1.46		1.35	Tower	0.59		1.86	Tower	1.2		1.27	KL			0.36	0.29	0.29
5	Elm	0.53		1.61	Gas Station	0.22		1.56	Tower	0.78		1.18	JS			0.56	0.26	0.27
6	Tower	0.98		0.26	Oak lawn	0.48		1.15	Tower	0.75		1.18	JS			0.44	0.29	0.25
7	Tower	1.25		0.69	Tower	0.36		1.7	Tower	0.9		1.15	KL			0.38	0.96	0.58
8	Village	0.37		1.86	Garage	0.24		1.62	Tower	0.73		1.2	JS			0.46	0.77	0.63
9																0.61	1.10	0.66
10																0.90	0.67	0.43
11	Elm	0.86		1	Gas Station	0.25		1.34	Tower	1.02		1.28	JS			0.95	0.72	0.59
12	Tower	0.8		1.32	Tower	0.62		1.18	Tower	1.12		1.28	JS			0.94	0.75	0.61
13	Tower	2.07		0.69	Oak Lawn	0.45		1.35	Tower	1.09		1.32	JS			0.35	0.81	0.72
14	Village	0.14		1.8	Garage	0.2		1.52	Tower	1.1		1.36	JS			0.94	0.78	0.72
15	Tower	2.1		0.83	Tower	0.47		1.55	Tower	0.93		1.3	KL			1.10	0.81	0.70
16																1.20	1.20	2.00
17																1.20	1.00	0.62
18	Elm	0.99		1.18	Gas Station	0.29		1.4	Tower	0.97		1.37	JS			1.20	0.83	0.76
19	Tower	1.74		1	Tower	1.68		0.98	Tower	0.95		1.45	JS			1.30	0.79	0.80
20	Tower	1.19		1.04	Tower	1.05		1.27	Tower	0.94		1.35	JS			1.00	0.83	0.64
21	Tower	1.43		0.81	Garage	0.54		1.67	Tower	0.86		1.48	JS			1.10	1.70	0.60
22	Tower	1.29		1.04	Oak Lawn	0.67		0.51	Tower	0.75		1.36	JS			0.90	0.70	0.60
23																0.97	0.98	0.65
24																1.00	1.30	0.79
25	Elm	0.66		1.15	Oak Lawn	0.99		1.02	Tower	0.81		1.34	JS			1.00	0.67	0.61
26	Tower	1.02		1.48	Gas Station	0.47		1.38	Tower	0.69		1.21	JS			1.30	0.70	0.58
27	Tower	1.14		0.78	Garage	0.94		1.84	Tower	0.78		1.42	KL			0.63	1.10	0.78
28	Village	0.31		1.61	Oak L. Wel	0.44		0.74	Tower	0.81		1.48	JS			0.78	0.79	0.72
29	Tower	1.06		0.84	Tower	1.8		1.8	Tower	0.66		1.35	JS			1.00	1.40	0.74
30																1.20	1.40	0.74
31																0.80	1.10	0.68

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