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

December 8, 2022

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

Plant Type: Wastewater Treatment Plants: North: Class II Sequential batch reactors (SBR).
South: Class I Sequential batch reactors (SBR).
Water Treatment Plants: Well Supply with Chemical Addition in all 3 locations

For the water system you will find attached the daily inspection and monitoring reports for each of the water plants and the distribution system testing record. For the wastewater side we have included the monthly DMR for both wastewater plants.

Outlined below are the processes and actions taken during November 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.
- Collins finally came out and cleaned the grease out of the lift stations.
- Checked operation of all transducers and floats.
- Checked dialers to insure they're calling properly.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Exercised generators.
- Cleaned lab.
- We organized and too inventory of all the spare pump parts.
- We have a new employee named Dave. He has been working out great and catching on quickly to everything.
- We have decanted digesters.
- Cleaned pump room.
- We have started to use chlorine tablets to control duck weed. Because of this, we are also using dichlorination tablets.

South WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- We have been having issues with alum and found that the pump had faulted. We have started to add alum manually and are hoping to turn the phos values around. We have an issue that the chem recirculation pump won't pull up with our crane, so we have to call in to Sable to come and pull it. We are hoping it won't break or damage anything when we pull it, but that is a risk.
- We have boarded up some of the venting to help on the heat bill. We do this every year and we have tested the air quality with the vents closed and it's ok.
- We have turned off the UV bulbs and will pull and inspect the bank soon. We'll need to

order some replacement bulbs.

- We have also gained room in our digester by decanting and processing sludge the way we do. When we started here 5 years ago, the digesters were plum full. I'm happy to say that with our next sludge transfer, we should be able to make it all the way through winter without sending sludge to the drying beds. The bottom line to all this is that we're saving money on sludge handling.
- Tested all emergency wash stations.
- Decanted digesters.
- Sent sludge to drying beds.

Water System:

- Cleaned well houses.
- Had the furnace repaired in Well 3.
- Have completed all yearly EPA sampling.
- Repaired leaking pump at Well 4.
- Had all the chemicals topped off.
- 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

TEST Inc.

DMR Copy of Record

Permit

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:	**From 10/01/22 to 10/31/22**	DMR Due Date:	**11/25/22**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150007; DMF LOAD LIMITS DISPLAYED.MONITORING LOCATION "1" IS FORMONTHLY AVERAGE AND DAILY MAXIMUM.MONITORING LOCATION "8" IS FORWEEKLY AVERAGE.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	**Oxygen, dissolved [DO]**	1 - Effluent Gross	1	--	Sample						=	8.27	=	7.62	=	7.59	19 - mg/L	0	02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MO AV MN	>=	4.5 MN WK AV	>=	4.0 DAILY MN	19 - mg/L		02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
X 00400	**pH**	1 - Effluent Gross	0	--	Sample						=	8.76			=	9.34	12 - SU	1	02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample	=	8.079	=	12.927	26 - lb/d			=	3.125	=	5.0	19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	125.0 MO AVG	<=	250.0 DAILY MX	26 - lb/d			<=	12.0 MO AVG	<=	24.0 DAILY MX	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00610	**Nitrogen, ammonia total [as N]**	1 - Effluent Gross	0	--	Sample	=	0.204	=	0.305	26 - lb/d			=	0.079	=	0.118	19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	16.0 MO AVG	<=	31.0 DAILY MX	26 - lb/d			<=	1.5 MO AVG	<=	3.0 DAILY MX	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	1 - Effluent Gross	0	--	Sample	=	0.31	=	0.433	03 - MGD								0	99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	
					Value NODI															
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample										=	0.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	0.05 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
74055	**Coliform, fecal general**	1 - Effluent Gross	0	--	Sample										T					
					Permit Req.											Req Mon DAILY MX	13 - #/100mL		01/30 - Monthly	GR - GRAB
					Value NODI															
80082	**BOD, carbonaceous [5 day, 20 C]**	1 - Effluent Gross	0	--	Sample	=	3.878	=	5.171	26 - lb/d			=	1.5	=	2.0	19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.	<=	104.0 MO AVG	<=	209.0 DAILY MX	26 - lb/d			<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															

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

Parameter Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00400	pH	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: ebumgarner

Name:	Elaine Bumgarner
E-Mail:	ebumgarner@testinc.com
Date/Time:	2022-11-07 10:18 (Time Zone: -06:00)
Report Last Signed By	
User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2022-11-28 10:08 (Time Zone: -06:00)

DMR Copy of Record

Permit

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** INFLUENT MONITORING		

Report Dates & Status

Monitoring Period:	**From 10/01/22 to 10/31/22**	DMR Due Date:	**11/25/22**	Status:	**NetDMR 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: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00310	**BOD, 5-day, 20 deg. C**	G - Raw Sewage Influent	0	--	Sample								=	101.125			19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.									Req Mon MO AVG			19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00530	**Solids, total suspended**	G - Raw Sewage Influent	0	--	Sample								=	55.25			19 - mg/L		02/DA - 2 Days Every Week	CP - COMPOS
					Permit Req.									Req Mon MO AVG			19 - mg/L	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	G - Raw Sewage Influent	0	--	Sample	=	0.257	=	0.343	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
					Value NODI															

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:	ebumgarner
Name:	Elaine Bumgarner
E-Mail:	ebumgarner@testinc.com
Date/Time:	2022-11-07 10:18 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2022-11-28 10:08 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	IL0071447	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE SOUTH STP, VILLAGE OF
Major:	Yes	Permittee Address:	200 S HILL ST POPLAR GROVE, IL 61065	Facility Location:	12211 STATE ROUTE 76 POPLAR GROVE, IL 61065
Permitted Feature:	001 External Outfall	Discharge:	**001-0** STP OUTFALL		

Report Dates & Status

Monitoring Period:	**From 10/01/22 to 10/31/22**	DMR Due Date:	**11/25/22**	Status:	**NetDMR Validated**

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: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex	Frequency of Analysis	Sample Type
00300	**Oxygen, dissolved [DO]**	1 - Effluent Gross	1	--	Sample						=	7.203	=	6.28	=	6.18	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MO AV MN	>=	4.5 MN WK AV	>=	4.0 DAILY MN	19 - mg/L	0	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI															
X 00400	**pH**	1 - Effluent Gross	0	--	Sample						=	8.5			=	9.38	12 - SU		03/DW - 3 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	1	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample	=	4.588	=	8.882	26 - lb/d			=	2.583	=	5.0	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.	<=	250.0 MO AVG	<=	500.0 DAILY MX	26 - lb/d			<=	12.0 MO AVG	<=	24.0 DAILY MX	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	0	--	Sample								=	23.97	=	23.97	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															
00610	**Nitrogen, ammonia total [as N]**	1 - Effluent Gross	0	--	Sample	=	0.114	=	0.146	26 - lb/d			=	0.064	=	0.082	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.	<=	31.0 MO AVG	<=	98.0 DAILY MX	26 - lb/d			<=	1.5 MO AVG	<=	4.7 DAILY MX	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
00610	**Nitrogen, ammonia total [as N]**	8 - Other Treatment, Process Complete	0	--	Sample			=	0.135	26 - lb/d					=	0.076	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.			<=	79.0 WKLY AVG	26 - lb/d					<=	3.8 WKLY AVG	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	Sample	=	0.663			26 - lb/d			=	0.373			19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.	<=	21.0 MO AVG			26 - lb/d			<=	1.0 MO AVG			19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	1 - Effluent Gross	0	--	Sample	=	0.213	=	0.625	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
					Value NODI															
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample										=	0.0	19 - mg/L		CL/OC - Chlorination/Occurances	GR - GRAB
					Permit Req.										<=	0.05 DAILY MX	19 - mg/L	0	CL/OC - Chlorination/Occurances	GR - GRAB
					Value NODI															
					Sample										<	10.0	13 - #/100mL		03/DW - 3 Days Every Week	GR - GRAB

74055	**Coliform, fecal general**	1 - Effluent Gross	0	--	Permit Req.									<=	400.0 DAILY MX	13 - #/100mL	0	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI														
80082	**BOD, carbonaceous [5 day, 20 C]**	1 - Effluent Gross	0	--	Sample	=	2.812	=	10.659	26 - lb/d		=	1.583	=	6.0	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.	<=	209.0 MO AVG	<=	417.0 DAILY MX	26 - lb/d		<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI														

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

Parameter Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00400	pH	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:	ebumgarner
Name:	Elaine Bumgarner
E-Mail:	ebumgarner@testinc.com
Date/Time:	2022-11-07 10:27 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2022-11-28 10:08 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**IL0071447**	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE SOUTH STP, VILLAGE OF
Major:	Yes	Permittee Address:	200 S HILL ST POPLAR GROVE, IL 61065	Facility Location:	12211 STATE ROUTE 76 POPLAR GROVE, IL 61065
Permitted Feature:	INF Influent Structure	Discharge:	**INF-L** INFLUENT MONITORING		

Report Dates & Status

Monitoring Period:	**From 10/01/22 to 10/31/22**	DMR Due Date:	**11/25/22**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00310	**BOD, 5-day, 20 deg. C**	G - Raw Sewage Influent	0	--	Sample								=	113.917			19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.									Req Mon MO AVG			19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
00530	**Solids, total suspended**	G - Raw Sewage Influent	0	--	Sample								=	76.0			19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.									Req Mon MO AVG			19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	Sample								=	5.884	=	19.7	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	03/DW - 3 Days Every Week	CP - COMPOS
					Value NODI															
50050	**Flow, in conduit or thru treatment plant**	G - Raw Sewage Influent	0	--	Sample	=	0.125	=	0.156	03 - MGD									99/99 - Continuous	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	
					Value NODI															

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:	ebumgarner
Name:	Elaine Bumgarner
E-Mail:	ebumgarner@testinc.com
Date/Time:	2022-11-07 10:34 (Time Zone: -06:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2022-11-28 10:08 (Time Zone: -06:00)

VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF October 2022
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

	North System (Wells 2 & 3)				West System (Well 4)				South System (Wells 5 & 6)					Flouride Analysis				
Date	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	Operator Initials	1.0 mg.L Standard	Well #2	Well #3	Well #4	Well#5-6
1																0.69	1.00	0.60
2																0.64	1.20	1.80
3	Elm	1.16		2.24	O.L. Office	0.62		1.05	Tower	0.93		1.5	KL			0.72	1.20	0.60
4	Tower	1.41		2.17	Tower	0.89		1.47	Tower	0.99		1.55	KL			0.69	0.62	0.61
5	Elm	1		2.23	Gas Station	0.29		0.55	Tower	0.94		1.23	BS			0.55	1.10	0.58
6	Village	0.29		1.4	Garage	0.69		1.05	Tower	1.03		1.32	BS			0.38	0.37	0.46
7	Tower	1.57		0.93	O.L. Well	0.68		0.97	Tower	0.97		1.97	BS			0.48	0.69	0.56
8																0.61	0.76	0.68
9																0.76	0.80	1.10
10	Tower	1.59		1.15	Tower	1.55		1.94	Tower	1.04		1.44	KL			0.47	1.20	0.55
11	Elm	0.94		2.03	Gas Station	0.8		0.95	Tower	1.01		1.15	KL			0.47	0.93	0.55
12	Tower	2.1		0.84	Tower	1.8		1.89	Tower	1.12		1.35	KL			0.68	0.70	0.47
13	Village	0.26		1.43	Garage	0.91		0.9	Tower	1.06		0.99	KL			0.57	0.58	0.52
14	Tower	1.72		1.1	O.L. Lot	0.54		0.62	Tower	1.03		1.67	KL			0.54	0.58	0.61
15																0.68	0.52	0.99
16																0.58	0.56	0.72
17	Elm	1.23		1.92	Gas Station	0.42		1.43	Tower	1.5		1.70	BS			0.48	0.89	0.63
18	Tower	1.74		1.25	Garage	1.07		0.95	Tower	1.04		1.31	BS			0.67	0.56	0.64
19	Village	0.32		1.25	O.L. Lot	0.68		1.3	Tower	1.08		1.85	BS			0.49	0.85	0.46
20	Tower	1.77		1.43	Tower	1.19		1.89	Tower	1.09		1.11	BS			0.43	0.42	0.43
21	Elm	2.1		2.53	Gas Station	0.69		1.04	Tower	1.1		1.36	BS			0.60	0.36	0.44
22																0.78	0.74	0.93
23																0.97	0.78	0.87
24	Tower	1.72		0.72	Tower	1.52		2.02	Tower	1.39		1.58	KL			0.56	0.76	0.44
25	Village	0.68		1.04	Garage	0.88		0.93	Tower	1.07		1.4	BS			0.78	0.52	0.72
26	Elm	1.04		1.94	O.L. Lot	0.52		0.98	Tower	1.07		1.39	BS			0.87	0.43	0.65
27	Tower	1.39		0.64	Tower	1.88		2.26	Tower	1.1		1.5	BS			0.62	1.40	0.73
28	Tower	1.28		0.86	Gas Station	0.34		0.77	Tower	1.11		1.65	BS			0.87	0.47	0.62
29																0.73	0.54	0.67
30																0.81	0.45	0.71
31	Elm	1		1.82	Garage	0.79		0.86	Tower	1.12		1.25	BS			0.57	1.10	0.71

Signature: Ion Stear
PHONE: 815-224-1650

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

IL0070150
MONTHLY OPERATING REPORT

		Flow Meter		Hour Meter Well 2		Hour Meter Well 3		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator
Date	Time	Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
30-Sep	07:45	344841227.1		10063.5		28378.90		60.00			58			30.25		KL
1-Oct	07:05	344962015.9	142328.2	10063.5	0	28384.90	7.00	58.00	3.0	1.57	54	6.00	1.31	30.00	0	KL
2-Oct	08:25	345104344.1	150015	10063.5	0	28391.90	7.50	55.00	1.0	1.49	48*100	6.00	1.01	30.00	0.25	KL
3-Oct	06:25	345254359.1	159663.1	10063.5	0	28399.40	7.80	54.00	3.0	1.26	94	6.00	1.43	29.75	0.75	KL
4-Oct	06:40	345414022.2	139280.1	10063.5	0	28407.20	7.00	51.00	3.0	1.41	88	4.00	2.17	29.00	0.75	KL
5-Oct	06:35	345553302.3	261930.5	10063.5	0	28414.20	11.80	48.00	4.0	1.61	84	10.00	0.88	28.25	0.75	BS
6-Oct	08:05	345815232.8	173115.3	10063.5	0	28426.00	1.00	44.00	3.0	1.45	74	8.00	1.59	27.50	0.5	BS
7-Oct	06:20	345988348.1	174254.9	10063.5	0	28427.00	17.00	41.00	3.0	1.57	66	6.00	0.93	27.00	1	BS
8-Oct	08:00	346162603	128029	10063.5	0	28444.00	7.00	38.00	2.0	1.61	60	6.00	1.23	26.00	0	JH
9-Oct	08:00	346290632	135316.9	10063.5	0	28451.00	6.40	36.00	1.0	1.44	54	6.00	1.36	26.00	0.75	JH
10-Oct	06:15	346425948.9	157236.5	10063.5	0	28457.40	7.70	35*160	0.0	1.59	48	6.00	1.15	25.25*50	0.25	KL
11-Oct	06:25	346583185.4	131640.4	10063.5	0	28465.10	6.60	160.00	2.0	2.16	42	4.00	0.91	49.75	0.75	KL
12-Oct	06:10	346714825.8	150379.6	10063.5	0	28471.70	7.50	158.00	3.0	2.10	38*100	6.00	0.84	49.00	0.25	KL
13-Oct	06:15	346865205.4	121767.7	10063.5	0	28479.20	6.00	155.00	2.0	2.14	94	4.00	1.40	48.75	0.5	KL
14-Oct	06:15	346986973.1	117144.5	10063.5	0	28485.20	5.90	153.00	4.0	1.72	90	4.00	1.10	48.25	0.25	KL
15-Oct	08:00	347104117.6	166834.1	10063.5	0	28491.10	8.60	149.00	2.0	2.15	86	6.00	1.04	48.00	1	KL
16-Oct	08:30	347270951.7	139328.1	10063.5	0	28499.70	6.60	147.00	3.0	2.12	80	6.00	1.37	47.00	0	KL
17-Oct	06:47	347410279.8	120717.7	10063.5	0	28506.30	6.00	144.00	2.0	1.99	74	4.00	1.29	47.00	0.5	BS
18-Oct	06:19	347530997.5	131705.2	10063.5	0	28512.30	6.40	142.00	2.0	1.74	70	4.00	1.25	46.50	0.5	BS
19-Oct	07:25	347662702.7	144105.6	10063.5	0	28518.70	7.20	140.00	2.0	1.80	66	6.00	0.69	46.00	0.25	KL
20-Oct	07:15	347806808.3	149862.2	10063.5	0	28525.90	7.80	138.00	3.0	1.77	60	4.00	1.43	45.75	0.75	KL
21-Oct	08:00	347956670.5	150834.5	10063.5	0	28533.70	7.30	135.00	2.0	2.10	56	4.00	0.85	45.00	0	BS
22-Oct	08:00	348107505	101250	10063.5	0	28541.00	4.00	133.00	1.0	1.85	52	4.00	1.09	45.00	1	JH
23-Oct	08:00	348208755	173912.2	10063.5	0	28545.00	9.60	132.00	1.0	1.45	48	6.00	1.21	44.00	0	JH
24-Oct	07:35	348382667.2	134206.7	10063.5	0	28554.60	6.90	131.00	3.0	1.72	42*100	2.00	0.72	44.00	0	KL
25-Oct	07:29	348516873.9	110811.8	10063.5	0	28561.50	5.20	128.00	1.0	1.50	98	6.00	0.68	44.00	1	BS
26-Oct	06:17	348627685.7	146579.6	10063.5	0	28566.70	7.30	127.00	2.0	1.53	92	6.00	1.49	43.00	0	BS
27-Oct	07:10	348774265.3	129286.2	10063.5	0	28574.00	6.50	125.00	2.0	1.39	86	4.00	0.64	43.00	0	BS
28-Oct	07:10	348903551.5	118306.4	10063.5	0	28580.50	5.90	123.00	1.0	1.28	82	6.00	0.86	43.00	1	BS
29-Oct	08:10	349021857.9	128749.5	10063.5	0	28586.40	6.40	122.00	1.0	1.45	76	4.00	1.28	42.00	0.25	KL
30-Oct	08:20	349150607.4	172642.2	10063.5	0	28592.80	8.50	121.00	3.0	1.34	72	8.00	1.22	41.75	0.75	KL
31-Oct	07:30	349323249.6	133712.9	10063.5	0	28601.30	6.80	118.00	1.0	2.06	64	4.00	1.11	41.00	1	BS
1-Nov	07:30	349456962.5		10063.5		28608.1		117.0		1.12	60		2.42	40		BS
TOT			4361234				216			53.48			37.95			
AVE			145374				7			1.67			1.19			
MAX			261931				17			2.16			2.42			
MIN			101250				1			1.12			0.64			

SIGNATURE: Jon Stear
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VILLAGE OF POPLAR GROVE - SOUTH **IL0070300**
FOR THE MONTH OF October 2022 **MONTHLY OPERATING REPORT**
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

		Flow Meter		Hour Meter Well 5		Hour Meter Well 6		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator
Date	Time	Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
30-Sep	08:50	569078		3867.9		4757.60		107.00			86			380.80		KL
1-Oct	07:40	569147	86	3869	1.4	4757.60	0	105.00	2.0	1.25	82	4.00	1.49	379.40	2.00	KL
2-Oct	08:55	569233	103	3870.4	1.5	4757.60	0	103.00	1.0	210.00	78	6.00	1.32	377.40	2.20	KL
3-Oct	07:20	569336	291	3871.9	4.6	4757.60	0	102.00	5.0	1.47	72	4.00	1.66	375.20	6.80	KL
4-Oct	08:20	569627	109	3876.5	1.6	4757.60	0	97.00	1.0	1.26	68	4.00	0.87	368.40	2.40	BS
5-Oct	08:24	569736	88	3878.1	1.5	4757.60	0	96.00	3.0	1.20	64	4.00	1.08	366.00	0.40	BS
6-Oct	10:01	569824	69	3879.6	1	4757.60	0	93.00	0.0	2.02	60	4.00	1.45	365.60	3.00	BS
7-Oct	08:20	569893	88	3880.6	1.4	4757.60	0	93.00	3.0	1.36	56*100	4.00	1.26	362.60	2.40	BS
8-Oct	08:00	569981	70	3882	1	4757.60	0	90.00	1.0	1.59	96	4.00	1.44	360.20	1.40	JH
9-Oct	08:00	570051	84	3883	1.4	4757.60	0	89.00	1.0	1.33	92	4.00	1.52	358.80	2.00	JH
10-Oct	07:10	570135	92	3884.4	1.4	4757.60	0	88*160	0.0	1.20	88	6.00	0.97	356.8*472	1.40	KL
11-Oct	07:20	570227	69	3885.8	1.1	4757.60	0	160.00	1.0	2.10	82	2.00	0.98	470.60	1.60	KL
12-Oct	07:15	570296	88	3886.9	1.4	4757.60	0	159.00	2.0	1.85	80	4.00	1.32	469.00	1.80	KL
13-Oct	08:00	570384	70	3888.3	1.1	4757.60	0	157.00	2.0	1.76	76	4.00	1.14	467.20	1.60	KL
14-Oct	07:20	570454	51	3889.4	0.8	4757.60	0	155.00	1.0	1.68	72	2.00	1.71	465.60	1.00	KL
15-Oct	07:30	570505	89	3890.2	1.4	4757.60	0	154.00	0.0	2.10	70	6.00	1.94	464.60	2.20	KL
16-Oct	09:00	570594	74	3891.6	1.1	4757.60	0	154.00	2.0	1.81	64	4.00	1.61	462.40	1.60	KL
17-Oct	08:15	570668	79	3892.7	1.3	4757.60	0	152.00	1.0	1.63	60	4.00	0.93	460.80	2.00	BS
18-Oct	07:39	570747	72	3894	1.1	4757.60	0	151.00	3.0	1.42	56	4.00	0.96	458.80	1.40	KL
19-Oct	08:39	570819	72	3895.1	1.1	4757.60	0	148.00	0.0	2.02	52	2.00	1.72	457.40	1.80	BS
20-Oct	09:00	570891	70	3896.2	1.1	4757.60	0	148.00	2.0	1.56	50	2.00	1.00	455.60	1.60	BS
21-Oct	09:45	570961	69	3897.3	1.1	4757.60	0	146.00	1.0	1.75	48	2.00	1.01	454.00	2.40	BS
22-Oct	08:00	571030	52	3898.4	0.8	4757.60	0	145.00	0.0	1.59	46	2.00	1.19	451.60	5.20	JH
23-Oct	08:00	571082	89	3899.2	1.4	4757.60	0	145.00	1.0	1.25	44	6.00	1.01	446.40	4.20	JH
24-Oct	08:30	571171	70	3900.6	1	4757.60	0	144.00	2.0	1.49	38*100	2.00	1.37	442.20	2.60	KL
25-Oct	09:13	571241	61	3901.6	1	4757.60	0	142.00	2.0	1.46	98	4.00	0.99	439.60	1.40	BS
26-Oct	07:36	571302	69	3902.6	1.1	4757.60	0	140.00	0.0	1.52	94	2.00	0.86	438.20	1.40	BS
27-Oct	08:37	571371	70	3903.7	1.1	4757.60	0	140.00	1.0	1.47	92	4.00	1.01	436.80	1.60	BS
28-Oct	08:37	571441	52	3904.8	0.8	4757.60	0	139.00	1.0	1.56	88	4.00	1.26	435.20	1.40	BS
29-Oct	08:40	571493	70	3905.6	1.1	4757.60	0	138.00	1.0	1.66	84	2.00	1.89	433.80	1.80	KL
30-Oct	08:50	571563	87	3906.7	1.3	4757.60	0	137.00	1.0	1.45	82	6.00	1.11	432.00	2.00	KL
31-Oct	09:00	571650	53	3908	0.9	4757.60	0	136.00	2.0	1.43	76	2.00	0.86	430.00	1.40	BS
1-Nov	09:00	571703		3908.9		4757.60		134.00		1.54	74		0.84	428.60		BS
TOT			2503				0			258.78			39.77			
AVE			83				0			8.09			1.24			
MAX			291				0			210.00			1.94			
MIN			51				0			1.20			0.84			

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VILLAGE OF POPLAR GROVE - WEST **IL0070350**
FOR THE MONTH OF October 2022 **MONTHLY OPERATING REPORT**
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

		Flow Meter		Hour Meter Well 4		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator
Date	Time	Reading	Pumpage	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
30-Sep	08:00	354808		7928.95		97.00			78			361.60		KL
1-Oct	07:15	354873	69	7930.45	1.64	96.00	2.0	1.64	76	4.00	1.37	360.40	1.40	KL
2-Oct	08:30	354942	70	7932.09	1.55	94.00	1.0	1.70	72	2.00	2.14	359.00	1.30	KL
3-Oct	06:40	355012	69	7933.64	1.55	93.00	2.0	1.86	70	2.00	2.10	357.70	1.20	KL
4-Oct	07:05	355081	186	7935.19	4.32	91.00	3.0	1.11	68	8.00	0.64	356.50	3.70	KL
5-Oct	07:10	355267	67	7939.51	1.51	88.00	1.0	1.78	60	2.00	1.36	352.80	1.40	BS
6-Oct	08:45	355334	67	7941.02	1.57	87.00	2.0	1.26	58	2.00	0.78	351.40	0.70	BS
7-Oct	06:45	355401	65	7942.59	1.41	85.00	2.0	1.65	56*100	2.00	0.92	350.70	1.10	BS
8-Oct	08:00	355466	68	7944	2	83.00	0.0	1.54	98	4.00	1.00	349.60	1.10	JH
9-Oct	08:00	355534	69	7946	1.26	82.00	1.0	1.26	94	2.00	1.44	348.50	1.50	JH
10-Oct	06:30	355603	68	7947.26	1.55	82*160	0.0	1.66	92	2.00	2.02	347*437.1	0.00	KL
11-Oct	06:45	355671	68	7948.81	1.57	160.00	1.0	2.09	90	2.00	2.10	437.10	1.70	KL
12-Oct	06:25	355739	65	7950.38	1.49	159.00	2.0	1.92	88	4.00	1.94	435.40	0.30	KL
13-Oct	06:30	355804	66	7951.87	1.51	157.00	1.0	2.08	84	4.00	2.29	435.10	0.80	KL
14-Oct	06:30	355870	49	7953.38	1.1	156.00	1.0	1.76	80	2.00	2.10	434.30	0.80	KL
15-Oct	07:40	355919	84	7954.48	1.97	155.00	1.0	1.50	78	2.00	1.82	433.50	1.40	KL
16-Oct	08:40	356003	67	7956.45	1.53	154.00	2.0	0.98	76	4.00	1.49	432.10	1.10	KL
17-Oct	07:24	356070	48	7957.98	1.03	152.00	0.0	1.90	72	2.00	1.06	431.00	0.90	BS
18-Oct	06:44	356118	71	7959.01	1.71	152.00	2.0	1.21	70	2.00	0.66	430.10	1.30	BS
19-Oct	07:42	356189	68	7960.72	1.56	150.00	1.0	2.02	68	4.00	2.59	428.80	1.10	BS
20-Oct	07:36	356257	46	7962.28	1	149.00	1.0	1.19	64	1.00	1.89	427.70	1.10	BS
21-Oct	08:17	356303	89	7963.28	2.22	148.00	1.0	1.52	63	1.00	0.76	426.60	1.90	BS
22-Oct	08:00	356392	51	7965.5	1	147.00	1.0	1.33	62	2.00	1.65	424.70	0.90	JH
23-Oct	08:00	356443	67	7966.5	1.58	146.00	1.0	1.29	60	2.00	1.59	423.80	1.20	JH
24-Oct	07:50	356510	67	7968.08	1.51	145.00	1.0	1.77	58	2.00	2.55	422.60	0.90	KL
25-Oct	08:06	356577	55	7969.59	1.25	144.00	1.0	1.37	56	4.00	0.70	421.70	0.40	BS
26-Oct	06:40	356632	67	7970.84	1.65	143.00	1.0	1.30	52	2.00	1.50	421.30	0.90	BS
27-Oct	07:37	356699	67	7972.49	1.41	142.00	1.0	1.88	50	2.00	2.26	420.40	1.10	BS
28-Oct	08:00	356766	60	7973.9	1.37	141.00	0.0	0.54	48	2.00	1.82	419.30	0.90	BS
29-Oct	08:20	356826	74	7975.27	1.75	141.00	1.0	0.89	46*100	2.00	1.99	418.40	1.20	KL
30-Oct	08:35	356900	67	7977.02	1.56	140.00	2.0	1.01	98	2.00	1.01	417.20	1.20	KL
31-Oct	08:05	356967	65	7978.58	1.5	138.00	1.0	2.07	96	4.00	1.69	416.00	0.90	BS
1-Nov	07:54	357032		7980.08		137.00		1.49	92		2.42	415.10		BS
TOT			2094					48.57			51.65			
AVE			70					1.52			1.61			
MAX			186					2.09			2.59			
MIN			46					0.54			0.64			

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