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

November 3, 2021

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 September 2021 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.

All TEST employees took a couple of safety training classes that included confined space, workplace safety, sexual harassment, and electrical safety. Jason also took a 2-day operations class put on by the AWWA.

Lift Stations:

- All normal maintenance has been done. We have pulled the grease out for what we can but will be calling Collins to come clean them before the snow really starts to fly.
- We called Sable to set up our yearly pump maintenance.

North WWTP:

- All standard monthly checks/Maintenance/cleaning and producers were completed
- Pulled up all transducers and cleaned rags off of them.
- Pulled up all floats and cleaned rags off all of them.
- Touching base on the screen, we are still looking at options for repair vs replacement.
- Because of the screen being down, we are manually raking the bar screen.

South WWTP:

- All standard monthly checks/Maintenance/cleaning and producers were completed
- Public works emptied both drying beds, and we hauled sludge and land applied to our property on Park St.
- Decanted digesters.
- Pulled up all transducers and floats to clean rags off of them.
- We are having issues with the grit removal system. We are digging into that. We believe it's a pump issue, but when Sable come to do our yearly pump maintenance, we're going to have him look at that
- We started to drain SBR3, but after a couple days effort it will be easier once we get it back online. We have a good amount of water out of it and sent back to heads works for retreatment.
- Speaking of SBR3, we have received all the quotes back and with being on the generous

side of time and material parts of the job, we are under budget for what we set aside.

Water System:

- We changed all the batteries in the dialers and thermostats.
- We double check the temperature alarms to prevent freezing.
- 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

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 09/01/21 to 09/30/21**	DMR Due Date:	**10/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150007

Principal Executive Officer

First Name:	Ion	Title:		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						=	141.0					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						=	127.0					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	=	0.116	=	0.197	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:	2021-10-21 08:32 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-10-26 09:04 (Time Zone: -05:00)

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:	001 External Outfall	Discharge:	**001-0** STP OUTFALL		

Report Dates & Status

Monitoring Period:	**From 09/01/21 to 09/30/21**	DMR Due Date:	**10/25/21**	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:		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	Quantity or Loading Value 1	Quantity or Loading Qualifier 2	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Qualifier 1	Quality or Concentration Value 1	Quality or Concentration Qualifier 2	Quality or Concentration Value 2	Quality or Concentration Qualifier 3	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1	--	Sample						=	6.7	=	6.34	=	5.99	19 - mg/L		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	0	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.85			=	7.32	12 - SU		02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	10.0	=	15.0	26 - lb/d	=	5.9	=	9.0			19 - mg/L		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	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	0.37	=	0.67	26 - lb/d	=	0.218	=	0.395			19 - mg/L		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	0	02/DA - 2 Days Every Week	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.203	=	0.227	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		01/30 - Monthly	GR - GRAB
					Permit Req.										<=	0.05 DAILY MX	19 - mg/L	0	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	=	3.0	=	3.4	26 - lb/d	=	1.78	=	2.0			19 - mg/L		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	0	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

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:	2021-10-21 08:42 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:	**IL0071447**	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE SOUTH STP, VILLAGE OF
Major:	Yes	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 09/01/21 to 09/30/21**	DMR Due Date:	**10/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006

Principal Executive Officer

First Name:	Ion	Title:		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						=	149.0					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															
00530	**Solids, total suspended**	G - Raw Sewage Influent	0	–	Sample						=	120.0					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						=	4.85	=	8.03			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	=	0.11	=	0.255	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:	2021-10-21 09:04 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-10-26 09:04 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:	**IL0071447**	Permittee:	POPLAR GROVE, VILLAGE OF	Facility:	POPLAR GROVE SOUTH STP, VILLAGE OF
Major:	Yes	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 09/01/21 to 09/30/21**	DMR Due Date:	**10/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name:	Ion	Title:		Telephone:	815-224-1250
Last Name:	Stear				

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param NODI		Quantity or Loading Qualifier 1	Quantity or Loading Value 1	Quantity or Loading Qualifier 2	Quantity or Loading Value 2	Quantity or Loading Units	Quality or Concentration Qualifier 1	Quality or Concentration Value 1	Quality or Concentration Qualifier 2	Quality or Concentration Value 2	Quality or Concentration Qualifier 3	Quality or Concentration Value 3	Quality or Concentration Units	# of Ex	Frequency of Analysis	Sample Type
00300	**Oxygen, dissolved [DO]**	1 - Effluent Gross	1	–	Sample						=	8.5	=	8.07	=	6.9	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															
00400	**pH**	1 - Effluent Gross	0	–	Sample						=	6.14			=	7.5	12 - SU		03/DW - 3 Days Every Week	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	–	Sample	=	7.2	=	13.0	26 - lb/d			=	4.4	=	8.0	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								=	37.0	=	37.0	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	=	0.2	=	0.44	26 - lb/d			=	0.123	=	0.269	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			=	0.31	26 - lb/d					=	0.188	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	=	0.75			26 - lb/d			=	0.46			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	=	0.195	=	0.619	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										=	1800.0	13 - #/100mL		03/DW - 3 Days Every Week	GR - GRAB

X 74055	**Coliform, fecal general**	1 - Effluent Gross	0	--	Permit Req. Value NODI								<=	400.0 DAILY MX	13 - #/100mL	1	03/DW - 3 Days Every Week	GR - GRAB
80082	**BOD, carbonaceous [5 day, 20 C]**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	= <=	0.195 209.0 MO AVG	= <=	3.25 417.0 DAILY MX	26 - lb/d 26 - lb/d	= <=	1.2 10.0 MO AVG	= <=	2.0 20.0 DAILY MX	19 - mg/L 19 - mg/L	0	03/DW - 3 Days Every Week 03/DW - 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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
74055	Coliform, fecal general	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

Sample collector grabbed fecal sample from before UV lights

Attachments

No attachments.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-10-26 09:04 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-10-26 09:04 (Time Zone: -05:00)

VILLAGE OF POPLAR GROVE - WEST **IL0070350**
FOR THE MONTH OF 2021 **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
31-Aug	8:47	332914	48	7,426.91	1.16	115.00	1.0	1.33	99	4.00	1.36	428.30	1.50	JS
1	8:58	332962	67	7,428.07	1.46	114.00	1.5	1.23	95	4.00	1.11	426.80	1.80	JS
2	8:35	333029	49	7,429.53	1.1	112.50	0.5	1.01	91	3.00	1.30	425.00	1.60	JS
3	8:40	333078	49	7,430.63	1.11	112.00	1.0	1.29	88	3.00	1.67	423.40	1.70	JS
4	8:35	333127	50	7,431.74	1.11	111.00	1.0	0.71	85	3.00	1.42	421.70	1.60	JS
5	8:25	333177	48	7,432.85	1.07	110.00	1.0	0.58	82	2.00	0.90	420.10	1.60	JS
6	8:10	333225	54	7,433.92	1.21	109.00	0.5	1.33	80	2.00	0.79	418.50	1.70	JS
7	8:04	333279	63	7,435.13	1.59	108.50	1.5	1.38	78	3.00	1.29	416.80	2.00	JS
8	9:05	333342	45	7,436.72	1.01	107.00	1.0	0.98	75	2.00	1.10	414.80	1.40	JS
9	8:35	333387	45	7,437.73	0.97	106.00	1.0	1.22	73/100	0.00	1.01	413.40	1.40	JS
10	7:11	333432	43	7,438.70	1	105.00	1.0	1.43	100	1.00	1.32	412.00	1.30	KL
11	7:10	333475	49	7,439.70	1.07	104.00	1.0	1.07	99	1.00	0.38	410.70	10.10	KL
12	7:00	333524	70	7,440.77	1.58	103.00	1.0	1.10	98	1.00	0.52	400.60	-6.00	KL
13	8:35	333594	45	7,442.35	0.94	102.00	1.0	2.15	97	5.00	1.35	406.60	1.60	KL
14	8:50	333639	70	7,443.29	1.71	101.00	1.0	1.05	92	3.00	0.72	405.00	1.80	JS
15	8:55	333709	44	7,445.00	0.97	100.00	1.0	0.97	89	1.00	0.98	403.20	1.20	JS
16	8:25	333753	174	7,445.00	3.97	99.00	3.0	0.92	88	7.00	0.86	402.00	5.50	JS
17	8:33	333927	87	7,449.94	1.97	96.00	1.0	0.94	81	3.00	0.87	396.50	2.80	JS
18	8:18	334014	49	7,451.91	1.13	95.00	1.0	1.03	79	3.00	0.72	393.70	1.60	JS
19	8:23	334063	69	7,453.04	-1.39	94.00	1.0	1.07	76	2.00	0.67	392.10	2.00	JS
20	8:48	334132	51	7,451.65	4.11	93.00	1.0	1.14	74/104	3.00	1.03	389.50	1.60	JS
21	8:40	334183	58	7,455.76	1.3	92.00	1.0	1.00	101	3.00	0.77	387.90	1.40	JS
22	9:10	334241	48	7,457.06	1.13	91.00	1.0	1.17	93	1.00	0.80	386.50	1.40	JS
23	8:40	334289	44	7,458.19	1	90.00	1.0	1.03	92	0.00	0.70	385.10	1.50	JS
24	8:45	334333	57	7,459.19	1.31	89.00	2.0	0.96	92	2.00	1.12	383.60	1.90	JS
25	0:00	334390	44	7,460.50	1	87.00	0.0	0.00	90	1.00	2.57	381.70	1.30	JH
26	0:00	334434	66	7,461.50	1.47	87.00	1.0	2.80	89	3.00	1.89	380.40	2.50	JH
27	9:00	334500	49	7,462.97	1.14	86.00	2.0	0.83	86	2.00	0.68	377.90	1.50	JS
28	8:45	334549	44	7,464.11	0.97	84.00	1.0	0.83	84	0.00	0.84	376.40	1.40	JS
29	9:00	334593	49	7,465.08	1.12	83.00	0.0	0.92	84	4.00	0.70	375.00	375.00	JS
30	8:50	334642		7,466.20		83.00	83.0	0.97	80		0.77		0.00	JS
1	0:00													
TOT			1728					34.44			32.21			
AVE			58					1.11			1.04			
MAX			174					2.80			2.57			
MIN			43					0.00			0.38			

SIGNATURE: Ion Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH **IL0070300**
FOR THE MONTH OF 2021 **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
31-Aug	9:45	535357	105	3335.1	1.7	4751.30	0	152.00	0.0	1.08	100	0.00	0.29	444.00	3.20	JS
1	10:00	535462	70	3336.8	1	4751.30	0	152.00	0.0	0.67	100	3.00	0.38	440.80	2.30	JS
2	10:00	535532	127	3337.8	2.1	4751.30	0	152.00	3.0	1.10	97	8.00	1.20	438.50	3.50	JS
3	9:55	535659	54	3339.9	0.8	4751.30	0	149.00	0.0	1.25	89	3.00	1.31	435.00	1.60	JS
4	9:05	535713	114	3340.7	1.8	4751.30	0	149.00	2.0	1.08	86	7.00	1.41	433.40	3.40	JS
5	8:54	535827	131	3342.5	0	4751.30	0	147.00	1.0	1.27	79	8.00	1.23	430.00	4.20	JS
6	9:00	535958	156	3344.5	2.5	4751.30	0	146.00	2.0	0.81	71	11.00	1.16	425.80	4.60	JS
7	9:30	536114	107	3,347.0	1.7	4751.30	0	144.00	1.0	0.82	60/100	5.00	1.45	421.20	3.20	JS
8	10:10	536221	227	3348.7	1.5	4751.30	0	143.00	4.0	0.70	95	14.00	1.01	418.00	7.20	JS
9	8:32	536448	100	3350.2	3.6	4751.30	0	139.00	1.0	0.81	81	2.00	1.09	410.80	2.80	KL
10	7:35	536548	145	3353.8	2.3	4751.30	0	138.00	1.0	0.65	79	9.00	1.50	408.00	4.20	KL
11	7:40	536693	143	3356.1	2.2	4751.30	0	137.00	2.0	0.72	70	10.00	1.16	403.80	4.40	KL
12	8:20	536836	104	3358.3	1.6	4751.30	0	135.00	0.0	0.84	60	5.00	1.36	399.40	3.40	KL
13	9:45	536940	112	3359.9	1.8	4751.30	0	135.00	1.0	0.75	55/100	6.00	1.29	396.00	13.40	JS
14	9:45	537052	103	3361.7	1.6	4751.30	0	134.00	1.0	0.85	94	7.00	1.18	382.60	6.80	JS
15	9:35	537155	153	3363.3	2.4	4751.30	0	133.00	2.0	1.05	87	8.00	1.18	389.40	4.60	JS
16	9:40	537308	101	3365.7	1.6	4751.30	0	131.00	2.0	0.98	79	5.00	1.08	384.80	3.00	JS
17	8:45	537409	106	3367.3	1.7	4751.30	0	129.00	1.0	0.78	74/100	6.00	1.28	381.80	3.40	JS
18	8:50	537515	204	3369	3.2	4751.30	0	128.00	1.5	0.92	94	11.00	1.23	378.40	5.80	JS
19	9:30	537719	132	3372.2	2	4751.30	0	126.50	1.5	0.82	83	9.00	1.38	372.60	4.00	JS
20	9:38	537851	187	3374.2	3	4751.30	0	125.00	3.0	0.85	74	6.00	1.19	368.60	5.80	JS
21	9:50	538038	100	3377.2	1.5	4751.30	0	122.00	1.0	0.61	62/100	11.00	1.26	362.80	3.20	JS
22	9:55	538138	102	3378.7	1.6	4751.30	0	121.00	1.0	0.84	94	6.00	1.08	359.60	3.20	JS
23	9:50	538240	91	3380.3	1.4	4751.30	0	120.00	1.0	0.74	88	4.00	1.08	356.40	2.60	JS
24		538331	109	3381.7	1.8	4751.30	0	119.00	1.0	1.16	84	4.00	1.39	353.80	3.60	JH
25		538440	154	3383.5	2.4	4751.30	0	118.00	2.0	1.00	80	9.00	1.12	350.20	4.60	JH
26	9:50	538594	101	3385.9	1.6	4751.30	0	116.00	1.0	0.83	71/90	5.00	1.09	345.60	2.80	JS
27	9:35	538695	15	3387.5	1	4751.30	0	115.00	0.0	0.63	85	5.00	0.99	342.80	1.10	JS
28	9:50	538710	138	3888.5	1.33	4751.30	0	115.00	1.0	0.87	80	3.00	0.10	341.70	3.90	JS
29	9:50	538848	116	3389.8	1.9	4751.30	0	114.00	2.0	0.81	77	5.00	1.38	337.80	0.00	JS
30	10:10	538964		3391.7		4751.30	0	112.00	112.0	0.85	72	72.00	1.19	334.40	0.00	JS
						4751.30			0.0			0.00			0.00	
TOT			3607				0			27.14			35.04			
AVE			120				0			0.88			1.13			
MAX			227				0			1.27			1.50			
MIN			15				0			0.61			0.10			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH
FOR THE MON TH OF SEPT. 2021
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
31-Mar	08:12	289669874.8	124582.2	10062.1	0	25654.00	6.00	153.50	1.5	0.59	68	5.00	1.97	45.00	1.0	JS
1	08:20	289794457	150702.3	10062.1	0	25660.00	7.20	152.00	2.0	1.03	63	4.00	0.89	44.00	1.0	JS
2	08:12	289945159.3	171682	10062.1	0	25667.20	8.30	150.00	1.0	1.10	59/120	6.00	1.13	43.00	1.8	JS
3	08:12	290116841.3	124885.3	10062.1	0	25675.50	6.00	149.00	2.0	0.32	114	6.00	0.99	41.25	1.3	JS
4	08:15	290241726.6	155614.4	10062.1	0	25681.50	7.60	147.00	1.0	1.53	108	7.00	1.86	40.00	0.8	JS
5	08:05	290397341	176836.4	10062.1	0	25689.10	8.50	146.00	2.0	1.00	101	8.00	0.75	39.25	1.3	JS
6	08:30	290574177.4	214488.1	10062.1	0	25697.60	10.30	144.00	1.0	0.72	93	8.00	0.64	38.00	1.8	JS
7	08:15	290788665.5	142850	10062.1	0	25707.90	6.90	143.00	2.0	0.58	85	6.00	0.85	36.25	0.0	JS
8	08:12	290931515.5	137466.9	10062.1	0	25714.80	6.70	141.00	2.0	0.31	79	3.00	0.65	36.25	-2.8	JS
9	08:10	291068982.4	129697.7	10062.1	0	25721.50	6.20	139.00	1.0	1.13	76/101	2.00	0.83	39.00	1.0	JS
10	06:50	291198680.1	162533	10062.1	0	25727.70	7.90	138.00	2.0	1.08	99	13.00	0.70	38.00	1.0	KL
11	06:50	291361213.1	165817	10062.1	0	25735.60	8.00	136.00	1.0	1.06	86	3.00	0.23	37.00	1.0	KL
12	06:40	291527030.1	207324.4	10062.1	0	25743.60	10.00	135.00	3.0	1.66	83	4.00	0.15	36.00	1.0	KL
13	07:55	291734354.5	163439.6	10062.1	0	25753.60	7.90	132.00	1.0	0.88	79	9.00	0.80	35.00	0.3	KL
14	08:50	291897794.1	135988.8	10062.1	0	25761.50	6.60	131.00	2.0	0.80	70	5.00	1.00	34.75	0.8	JS
15	08:16	292033782.9	172524	10062.1	0	25768.10	8.30	129.00	2.0	0.53	65	6.00	2.00	34.00	0.5	JS
16	08:05	292206306.9	188574.7	10062.1	0	25776.40	9.20	127.00	1.0	0.70	59/100	6.00	0.80	33.50	0.5	JS
17	08:07	292394881.6	148804.3	10062.1	0	25785.60	7.20	126.00	2.0	0.48	94	6.00	0.64	33.00	1.0	JS
18	08:00	292543685.9	164864.4	10062.1	0	25792.80	8.00	124.00	3.0	1.89	88	7.00	0.71	32.00	1.0	JS
19	08:05	292708550.3	206910.3	10062.1	0	25800.80	9.90	121.00	2.0	1.63	81	10.00	0.88	31.00	0.0	JS
20	08:12	292915460.6	151707.4	10062.1	0	25810.70	7.40	119.00	1.0	0.73	71	7.00	1.13	31.00	1.0	JS
21	08:58	293067168	141310.3	10062.1	0	25818.10	6.80	118.00	2.0	0.76	67/100	6.00	0.89	30.00	0.5	JS
22	08:20	293208478.3	137435.7	10062.1	0	25824.90	6.70	116.00	1.0	0.83	94	5.00	0.64	29.50	0.5	JS
23	08:20	293345914	158544.8	10062.1	0	25831.60	7.70	115.00	1.0	0.74	89	6.00	1.04	29.00	0.3	JS
24	08:20	293504458.8	118271.2	10062.1	0	25839.30	5.70	114.00	2.0	0.56	83	3.00	1.07	28.75	0.8	JS
25		293622730	139638	10062.1	0	25845.00	6.00	112.00	2.0	0.85	80	6.00	1.01	28.00	0.0	JH
26		293762368	175663.7	10062.1	0	25851.00	9.30	110.00	2.0	1.57	74	9.00	1.19	28.00	1.0	JH
27	08:30	293938031.7	165024.5	10062.1	0	25860.30	8.00	108.00	2.0	0.95	65/100	6.00	1.05	27.00	1.0	JS
28	08:20	294103056.2	171539.9	10062.1	0	25868.30	8.30	106.00	2.0	1.10	94	8.00	0.90	26.00	0.5	JS
29	08:20	294274596.1	158151.7	10062.1	0	25876.60	7.70	103.00	2.0	1.24	86	5.00	1.03	25.50	0.5	JS
30	08:20	294432747.8		10062.1		25884.30		101.00		1.80	81		0.92	25.00		JS
31																
TOT			4762873				230			30.15			29.34			
AVE			158762				8			0.97			0.95			
MAX			214488				10			1.89			2.00			
MIN			118271				6			0.31			0.15			

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VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF SEPTEMBER 2021
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	Village Hall	0.11		1.84	Auto garage	0.81		1.61	Tower	0.67		0.66	JS			1.10	0.69	0.73
2	Tower	1.10		1.13	Tower	1.12		0.98	Tower	0.66		0.77	JS			2.00	0.76	0.74
3	Tower	0.32		0.99	Tower	0.91		1.33	Tower	0.7		0.98	JS			2.00	0.82	0.75
4																1.30	0.77	0.45
5																1.90	0.79	0.88
6	Hoillday															1.80	0.82	0.83
7	Elm School	0.57		1.38	Tower	0.12		1.40	Tower	0.32		1.27	JS			1.60	0.79	0.66
8	Village Hall	0.28		1.72	Auto garage	0.71		0.58	Tower	0.91		1.34	JS			0.64	0.70	0.70
9	Tower	1.13		0.83	Tower	0.78		1.75	Tower	0.7		1.41	JS			0.69	0.61	0.98
10	Tower	1.08		0.70	Tower	1.43		1.32	Tower	0.55		1.26	KL			0.84	1.00	0.88
11																1.00	0.73	0.73
12																1.00	0.77	0.82
13	Tower	0.80		0.88	Auto Garage	0.61		1.91	Tower	0.73		0.44	KL			1.00	1.60	0.82
14	Elm School	0.60		1.00	Tower	0.77		0.87	Tower	0.55		1.31	JS			1.20	0.70	0.80
15	Village Hall	0.03		2.54	Gas Station	0.2		0.92	Tower	0.56		1.32	JS			0.79	0.78	0.74
16	Tower	0.70		0.80	Tower	0.78		1.07	Tower	0.54		1.39	JS			0.85	0.66	0.79
17	Tower	0.48		0.64	Tower	0.88		0.86	Tower	0.6		1.32	JS			0.95	0.79	0.82
18																0.53	0.76	0.43
19																0.57	0.72	0.46
20	Elm School	0.44		1.40	Gas Station	0.47		0.85	Tower	0.63		1.39	JS			0.93	0.67	0.77
21	Tower	0.76		0.89	Tower	0.66		1.04	Tower	0.44		1.39	JS			0.69	0.65	0.73
22	Fire Dept	0.08		1.76	Auto Garage	0.49		1.18	Tower	0.57		1.26	JS			1.10	0.64	0.81
23	Village Hall	0.03		1.56	Tower	0.64		0.89	Tower	0.51		1.17	JS			0.72	0.79	0.67
24	Tower	0.56		1.07	Tower	0.82		1.41	Tower	0.5		1.29	JS			0.82	0.75	0.77
25																0.83	0.84	0.78
26																0.71	1.50	0.74
27	Flm	0.31		1.51	Gas	0.26		0.93	Tower	0.49		1.28	JS			1.10	0.59	0.73
28	Tower	1.10		0.90	Tower	0.48		0.80	Tower	0.51		1.34	JS			0.73	0.71	0.79
29	Village Hall	0.11		1.59	Garage	0.36		1.09	Tower	0.49		1.29	JS			1.50	0.60	0.71
30	Tower	1.80		0.92	Tower	0.85		0.95	Tower	0.48		1.21	JS			1.30	0.69	0.72
31																		
1																		

Signature:  Jon Stear
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