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

October 1, 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 did have to get the phone fixed at Whiting Road lift station.

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.
- We thought the screen was going to be an easy repair. Upon Sable pulling it up and inspecting it, we found that there are a lot more issues with it. Mitch and I are exploring options that will be best for the village, but we are keeping budgets in mind. When we know more, we will forward the information.
- 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
- Send sludge to drying bed.
- Decanted digesters.
- We have been working to get all the paperwork done for the land application and are happy to say that we are ready. We are just waiting on the corn to get picked.
- We installed new filter minders on all blowers.
- We installed new heat trace and had the insulation fixed on the fill pipe for the digesters.

Water System:

- We exercised the interconnect valve when Public Works was flushing hydrants and it worked as it should.
- Fixed a Phos pump at well 4.
- All lead and copper results have come back, and notice has been given to homeowners and all proper IEPA paperwork has been completed. We had no issues, and everything was well below the MCL.

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 08/01/21 to 08/31/21**	DMR Due Date:	**09/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150007

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	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						=	91.0					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						=	59.0					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	=	0.206	=	0.258	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:	2021-09-23 15:26 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-09-27 09:14 (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 08/01/21 to 08/31/21**	DMR Due Date:	**09/25/21**	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:	815-224-1250
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						=	6.86	=	6.38	=	6.24	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						=	6.97			=	8.45	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	<	8.2	=	16.3	26 - lb/d			<	4.0	=	8.0	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	=	0.2	=	0.39	26 - lb/d			=	0.098	=	0.193	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	=	0.245	=	0.333	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										=	1510.0	13 - #/100mL		01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon DAILY MX	13 - #/100mL	0	01/30 - Monthly	GR - GRAB
					Value NODI															
80082	**BOD, carbonaceous [5 day, 20 C]**	1 - Effluent Gross	0	--	Sample	=	3.1	=	6.1	26 - lb/d			=	1.8	=	3.0	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:	2021-09-27 08:02 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-09-27 09:14 (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 08/01/21 to 08/31/21**	DMR Due Date:	**09/25/21**	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006

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	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						=	179.0					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						=	157.0					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						=	4.63	=	5.8			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	=	0.119	=	0.147	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

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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:	2021-09-23 12:59 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-09-27 09:14 (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 08/01/21 to 08/31/21**	DMR Due Date:	**09/25/21**	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						=	8.47	=	8.02	=	7.71	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						=	6.07			=	8.69	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	=	7.07	=	7.07	26 - lb/d			=	4.0	=	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								=	32.2	=	32.2	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	1	--	Sample	=	0.6	=	3.2	26 - lb/d			=	0.34	=	1.8	19 - mg/L		03/DW - 3 Days Every Week	CP - COMPOS
					Permit Req.	<=	31.0 MO AVG	<=	113.0 DAILY MX	26 - lb/d			<=	1.5 MO AVG	<=	5.4 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	1	--	Sample			=	2.23	26 - lb/d					=	1.26	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	=	0.48			26 - lb/d			=	0.27			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	=	0.212	=	0.665	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										=	310.0	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	=	2.65	=	3.54	26 - lb/d	=	1.5	=	2.0	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

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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:	2021-09-27 08:04 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2021-09-27 09:14 (Time Zone: -05:00)

VILLAGE OF POPLAR GROVE - WEST **IL0070350**
FOR THE MONTH OF August 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-Jul	8:02	331229	50	7388.61	1.15	104.00	1.0	1.26	84	4.00	1.32	390.00	1.60	JH
1	8:00	331274	56	7389.74	1.45	103.00	0.5	1.31	80	1.00	1.39	388.40	1.90	JH
2	8:50	331330	52	7391.24	0.96	102.50	0.5	0.97	79	3.00	1.19	386.50	1.30	JS
3	8:32	331382	60	7392	1.35	102.00	1.0	0.97	77	2.00	0.87	385.20	2.10	JS
4	9:05	331442	50	7393.55	1.13	101.00	0.0	1.05	75/114	2.00	0.50	383.10	5.60	JS
5	8:32	331492	61	7394.68	1.36	101.00	1.0	0.95	112	1.00	1.03	381.50	2.20	JS
6	8:35	331553	48	7396.09	1.1	100.00	1.0	1.02	111	3.00	0.92	379.30	1.60	JS
7	8:10	331601	69	7397.14	1.58	99.00	1.0	0.80	108	1.00	1.12	377.70	4.20	JS
8	8:20	331670	48	7398.72	1.08	98.00	0.0	0.88	107	1.00	0.84	375.30	1.30	JS
9	9:02	331718	49	7399.8	1.16	98.00	1.0	0.77	106	4.00	0.28	374.00	1.70	JS
10	8:50	331767	52	7400.96	1.09	97.00	0.0	0.84	102	3.00	1.65	372.30	1.70	JS
11	8:55	331819	48	7402.05	1.12	97.00	1.0	0.80	99	1.00	1.62	370.60	1.30	KL
12	8:45	331867	50	7403.17	1.13	96.00	1.0	0.94	98	7.00	1.71	369.30	1.60	KL
13	8:35	331917	40	7404.3	0.92	95.00	1.0	0.81	91	2.00	1.41	367.70	0.90	KL
14	7:44	331957	65	7405.22	1.41	94.00	1.0	0.78	89	7.00	0.56	366.80	1.90	KL
15	10:17	33202.2	43	7406.63	1	93.00	0.0	0.53	82	2.00	2.02	364.90	1.40	KL
16	8:48	332065	56	7407.63	1	93.00	1.0	1.43	80	2.00	1.64	363.50	0.60	KL
17	7:06	332121	66	7407.63	2.79	92.00	1.0	1.43	78	4.00	2095.00	364.10	4.70	KL
18	8:52	332187	44	7410.42	0.98	91.00	0.0	0.95	74/100	1.00	0.84	359.40	1.60	KL
19	9:17	332231	62	7411.4	1.42	91.00	1.0	0.70	99	3.00	0.81	257.80	1.80	JS
20	8:40	332293	48	7412.82	1.08	90.00	1.0	0.32	96	1.00	0.87	356.00	1.60	JS
21	8:10	332341	70	7413.9	162	89.00	1.0	0.78	95	6.00	0.39	354.40	2.00	JS
22	8:20	332411	59	7415.52	1.52	88.00	1.0	0.84	89	4.00	1.10	352.40	2.30	JS
23	8:55	332470	53	7417.04	0.98	87.00	0.0	0.79	85	3.00	1.35	350.10	1.70	JS
24	8:35	332523	56	7418.02	1.27	87.00	1.0	0.69	82	3.00	1.43	348.40	1.80	JS
25	8:58	332579	47	7419.29	1.11	86.00	2.0	1.28	79	2.00	1.49	346.60	1.60	JS
26	8:40	332626	61	7420.4	1.34	84.00	1.0	1.33	77	4.00	1.38	345.00	1.90	JS
27	8:35	332687	48	7421.74	1.15	83.00	36.0	0.97	73	3.00	1.38	343.10	90.40	JS
28	6:58	332735	64	7422.85	1.47	119.00	1.0	1.79	70	2.00	2.22	433.50	1.80	KL
29	7:30	332799	66	7424.32	1.47	118.00	2.0	0.39	68	7.00	2.29	431.70	1.90	KL
30	9:06	332865	51	7425.79	1.12	116.00	1.0	1.48	61	3.00	1.68	429.80	1.50	JS
31	8:41	332914		7426.91		115.00		1.33	58/99		1.36	428.30	428.30	JS
TOT			1692					31.18			2133.66			
AVE			55					0.97			66.68			
MAX			70					1.79			2095.00			
MIN			40					0.32			0.28			

SIGNATURE: Jon Stear
PHONE: 815-224-1660

VILLAGE OF POPLAR GROVE - SOUTH **IL0070300**
FOR THE MONTH OF August 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-Jul	8:00	531691	149	3277.7	2.3	4756.00	0	116.00	1.0	1.60	74	6.00	1.68	346.20	-0.40	JH
1	8:00	531839	121	3280.0	2.3	4756.00	0	115.00	2.0	1.05	68	10.00	0.87	346.60	9.60	JH
2	9:05	531951	192	3282.3	2.5	4756.00	0	113.00	1.0	0.73	58/100	7.00	1.22	337.00	4.40	JS
3	9:25	532143	155	3284.8	2.4	4756.00	0	112.00	2.0	0.73	93	7.00	1.03	332.60	4.80	JS
4	10:05	532298	153	3287.2	2.4	4756.00	0	110.00	1.0	0.87	86	6.00	0.96	327.80	4.40	JS
5	9:35	532451	90	3289.6	0	4756.00	0	109.00	1.0	0.91	80	5.00	1.16	323.40	3.00	JS
6	3:45	532547	157	3291.1	2.4	4756.00	0	108.00	2.0	0.86	75	7.00	0.97	320.40	4.60	JS
7	8:35	532704	108	3293.5	1.7	4756.00	0	106.00	1.0	0.71	68/100	5.00	0.92	315.80	2.80	JS
8	8:45	532812	171	3295.2	2.7	4756.00	0	105.00	2.0	1.02	95	7.00	0.92	313.00	5.00	JS
9	10:00	532983	56	3297.9	0.9	4756.00	0	103.00	1.0	0.80	88	3.00	1.12	308.00	1.40	JS
10	10:00	533039	104	3298.8	1.6	4756.00	0	102.00	1.0	0.72	85	4.00	0.94	306.60	3.00	JS
11	9:30	533143	159	3300.4	1.2	4756.00	0	101.00	0.0	0.15	81	2.00	1.74	303.60	2.20	JS
12	10:01	533223	80	3301.6	1.4	4756.00	0	101.00	1.0	0.94	79	1.00	0.74	310.40	3.20	KL
13	9:50	533303	92	3303.0	1.2	4756.00	0	100.00	2.0	0.81	78	9.00	0.74	298.60	2.40	KL
14	8:25	533395	151	3304.2	2.4	4756.00	0	98.00	1.0	0.55	69	7.00	0.36	296.20	4.20	KL
15	10:46	533546	115	3306.6	2.3	4756.00	0	97.00	0.0	0.68	62	1.00	0.96	292.00	3.60	KL
16	9:38	533661	99	3308.9	1.2	4756.00	0	97.00	2.0	0.39	61	3.00	0.68	288.40	3.00	KL
17	8:03	533760	130	3310.1	2.2	4756.00	0	95.00	1.0	0.57	58	14.00	0.99	288.40	4.00	KL
18	9:41	533890	92	3312.3	1.4	4756.00	0	94.00	0.0	0.67	44/52	4.00	0.48	281.40	2.60	KL
19	8:05	533887	160	3313.7	2.5	4756.00	0	94.00	2.0	0.77	48	6.00	1.29	279.20	6.00	JS
20	9:50	534147	111	3316.2	1.7	4756.00	0	92.00	1.0	0.59	42 / 45	6.00	1.16	273.80	2.90	JS
21	8:40	534258	104	3317.9	1.6	4756.00	0	91.00	0.5	0.65	39	5.00	1.18	271.00	3.20	JS
22	8:45	534362	159	3319.5	2.5	4756.00	0	90.50	1.5	0.80	34	7.00	1.04	267.80	4.80	JS
23	9:50	534521	101	3322.0	1.6	4756.00	0	89.00	1.0	0.63	27	5.00	1.11	263.00	2.80	JS
24	9:30	534622	47	3323.6	0.7	4756.00	0	88.00	0.0	0.75	22	2.00	1.16	260.20	2.00	JS
25	9:45	534669	97	3324.3	1.6	4756.00	0	88.00	1.0	1.06	20	4.00	1.07	258.20	2.80	JS
26	9:50	534766	109	3325.9	1.6	4756.00	0	87.00	2.0	1.16	16 / 18	6.00	1.18	255.40	3.40	JS
27	9;55	534873	99	3327.5	1.9	4756.00	0	85.00	2.0	0.96	12	7.00	1.05	252.90	203.40	JS
28	7:35	534972	143	3329.4	1.9	4756.00	0	83./159	3.0	1.23	5	4.00	1.13	455.40	4.20	KL
29	8:10	535115	137	3331.3	2.2	4756.00	1.3	156.00	1.0	0.44	1	#VALUE!	0.33	451.20	0.00	KL
30	10:05	535252	105	3333.5	1.6	4757.30	0	155.00	3.0	0.78	1/101	1.00	0.35	447.00	30.00	JS
31	9:45	535357		3335.1		4757.30		152.00		1.08	100		0.29	444.00		JS
TOT			3746				1			25.66			30.82			
AVE			121				0			0.80			0.96			
MAX			192				1			1.60			1.74			
MIN			47				0			0.15			0.29			

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VILLAGE OF POPLAR GROVE - NORTH **IL0070150**
FOR THE MONTH OF August 2019 **MONTHLY OPERATING REPORT**
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

		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-Jul	08:00	284873326.2	134560.9	10063.1	0	25424.60	6.40	112.00	1.0	1.04	96	6.00	0.32	14.00	1.0	JH
1	08:00	2850078871	157157.8	10062.1	0	25431.00	7.40	111.00	1.0	0.94	90	8.00	1.43	15.00	2.0	JH
2	08:20	28560094.9	129388.8	10062.1	0	25438.40	8.60	0.10	2.0	0.77	82	8.00	1.02	13.00	1.8	JS
3	08:00	285339393.7	148788.7	10063.1	0	25447.00	7.20	108.00	0.5	0.68	76	5.00	0.78	11.25	1.3	JS
4	08:10	285488182.4	175326.3	10063.1	0	25454.20	8.50	107.50	2.5	0.80	71	8.00	1.10	10.00	2.0	JS
5	08:08	285663508.7	167660.6	10063.1	0	25462.70	7.80	105.00	1.0	0.95	63/101	7.00	1.05	0.17	1.0	JS
6	08:12	285826169.3	145125.9	10063.1	0	25470.50	7.00	104.00	1.0	0.80	94	6.00	2.06	47.00	1.0	JS
7	07:50	285971293.2	184787.6	10063.1	0	25477.50	89.00	103.00	1.0	0.85	88	6.00	1.17	46.00	2.0	JS
8	08:00	286156080.8	1735357	10063.1	0	25486.40	9.80	102.00	2.0	0.84	82	8.00	0.93	44.00	2.0	JS
9	08:25	286359616.5	1297210	10063.1	0	25496.20	6.30	100.00	1.0	0.83	74/100	5.00	0.60	42.00	1.0	JS
10	08:20	286489337.5	1217316	10063.1	0	25502.50	1.20	99.00	1.0	0.69	95	5.00	0.97	41.00	1.0	JS
11	08:10	286611069.1	125038.2	10062.1	0	25508.70	6.00	98.00	1.0	0.67	90	7.00	1.21	40.00	1.0	KL
12	08:15	286736107.3	130015	10062.1	0	25514.70	5.80	97.00	1.0	0.50	83	4.00	1.59	39.00	2.0	KL
13	08:15	286866122.4	110621	10062.1	0	25520.50	4.60	96.00	1.0	0.98	79	0.00	1.57	37.00	0.0	KL
14	07:19	286976743.4	167878.9	10062.1	0	25525.10	7.60	95.00	2.0	0.67	79	8.00	0.19	37.00	2.0	KL
15	09:55	287144622.3	169660.7	10062.1	0	25532.70	8.10	93.00	1.0	1.50	71	2.00	0.32	35.00	1.0	KL
16	08:18	287314283	150641.1	10062.1	0	25540.80	7.30	92.00	1.0	0.64	69	8.00	0.44	34.00	2.0	KL
17	06:49	287464924.1	157220.3	10062.1	0	25548.10	7.50	91.00	2.0	0.79	61/100	2.00	0.18	32.00	1.0	KL
18	08:09	287622144.4	191922.1	10062.1	0	25555.60	9.70	89.00	1.0	0.43	98	11.00	0.81	31.00	2.0	KL
19	09:55	287814066.9	130500.9	10062.1	0	25564.80	6.20	88.00	0.5	0.56	87	0.50	0.95	29.00	0.8	JS
20	08:15	287944567.8	124312.5	10062.1	0	25571.00	6.00	87.00	1.5	0.50	82	5.00	0.97	28.25	1.3	JS
21	07:50	288068882.3	162258.9	10062.1	0	25577.00	7.80	86.00	2.0	0.74	77	7.00	0.71	27.00	1.5	JS
22	07:55	288231141.2	231901.2	10062.1	0	25584.80	11.10	84.00	2.0	0.97	70/100	8.00	0.61	28.50	1.2	JS
23	08:30	2884630424	159055.6	10062.1	0	25595.90	7.70	82.00	1.0	0.76	92	8.00	1.92	24.25	1.3	JS
24	08:10	2886220980	149588.5	10062.1	0	25603.60	7.20	81.00	2.0	0.48	84	6.00	1.08	23.00	0.8	JS
25	08:15	288771686.5	140711.9	10062.1	0	25610.80	6.70	79.00	2.0	0.60	78	5.00	1.01	22.25	1.0	JS
26	08:15	288911898.4	151778.3	10062.1	0	25617.50	7.30	77.00	2.0	0.76	73/100	5.00	0.60	21.25	1.0	JS
27	08:12	289063676.7	129445.1	10062.1	0	25624.80	6.30	75.00	88.0	0.52	95	6.00	1.61	20.25	28.8	JS
28	06:40	289193121.8	179993.8	10062.1	0	25631.10	8.70	160.00	6.0	1.32	89	8.00	0.96	49.00	2.0	KL
29	07:15	289373115.6	150863.6	10062.1	0	25639.80	77.00	154.00	0.0	0.41	81	5.00	1.24	47.00	1.0	KL
30	08:35	289533979.2	145895.6	10062.1	0	25647.50	6.50	154.00	0.5	1.01	76	8.00	0.57	46.00	1.0	JS
31	08:12	289669574.8		10062.1		25654.00		153.50		0.59	68		1.97	45.00		JS
TOT			8551983				374			24.59			31.94			
AVE			275870				12			0.77			1.00			
MAX			1735357				89			1.50			2.06			
MIN			110621				1			0.41			0.18			

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VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF August 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																1.70	1.20	0.74
2	Elm School	0.37		1.92	Gas Station	0.35		0.90	Tower	0.49		1.26	JS			1.60	0.79	0.73
3	Tower	0.68		0.78	Tower	0.73		1.24	Tower	0.38		1.23	JS			2.00	0.82	0.70
4	Village Hal	0.22		1.86	Auto Garage	0.53		1.31	Tower	0.49		1.36	JS			2.10	0.87	0.66
5	Tower	0.95		1.05	Tower	0.84		1.19	Tower	0.45		1.42	JS			1.90	0.85	0.68
6	Tower	0.80		2.06	Tower	0.84		0.96	Tower	0.52		1.41	JS			1.50	0.82	0.69
7																1.90	0.68	0.65
8																1.30	0.69	0.56
9	Elm School	0.51		1.44	Gas Station	0.49		2.00	Tower	0.61		1.24	JS			1.40	0.64	0.45
10	Tower	0.69		0.97	Tower	0.69		1.61	Tower	0.31		0.98	JS			1.90	0.72	0.64
11	Village Hal	0.19		1.94	Auto Garage	0.41		1.05	Tower	0.47		1.20	KL			1.60	0.60	0.55
12	Tower	0.5		1.59	Tower	0.66		1.64	Tower	0.36		1.10	KL			1.10	0.66	0.64
13	Tower	0.98		1.57	Tower	0.81		1.47	Tower	0.39		1.23	KL			1.70	0.61	0.58
14																1.10	0.59	0.70
15																1.50	1.10	0.23
16	Elm School	0.35		1.30	Gas Station	0.38		1.29	Tower	0.42		1.17	KL			1.70	0.75	0.66
17	Tower	0.18		0.79	Tower	0.49		1.59	Tower	0.43		1.14	KL			0.28	0.46	0.33
18	Village Hal	0.6		2.38	Auto Garage	0.24		1.31	Tower	0.49		1.05	KL			0.65	0.35	0.39
19	Tower	0.56		0.95	Tower	0.63		0.79	Tower	0.46		0.62	JS			0.66	0.31	0.34
20	Tower	0.5		0.97	Tower	0.69		0.65	Tower	0.27		1.20	JS			0.46	0.31	0.34
21																0.73	0.30	0.24
22																0.58	0.33	0.30
23	Elm School	0.52		1.39	Gas Station	0.42		2.00	Tower	0.31		1.16	JS			0.89	0.32	0.33
24	Tower	0.48		1.08	Tower	0.11		1.25	Tower	0.33		1.25	JS			0.43	0.29	0.39
25	Village Hal	0.18		1.79	Auto Garage	0.28		1.71	Tower	0.38		1.19	JS			1.60	0.86	0.77
26	Tower	0.76		0.60	Tower	1.04		1.40	Tower	0.36		1.30	JS			1.10	0.71	0.72
27	Tower	0.52		1.61	Tower	1.02		1.36	Tower	0.26		1.35	JS			1.40	0.69	0.70
28																1.90	0.96	0.75
29																1.60	1.40	0.80
30	Elm School	0.74		1.35	Gas Station	0.38		1.32	Tower	0.61		0.98	JS			1.60	0.78	0.75
31	Tower	0.59		1.97	Tower	1.27		1.30	Towewr	0.64		0.78	JS			2.00	0.88	0.78
1																		

Signature: Jon Stear
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