August 5, 2020

TEST Inc.
2323 Fourth Street
P.O. Box 483
Peru, Illinois 61354
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Client: Village of Poplar Grove
Attn: Owen Costanza, 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 three locations

Enclosed you will find the daily inspection and monitoring reports for each water plant, the distribution system testing record.

Outlined below is the flow at each wastewater plant and the actions taken during the past month in Poplar Grove to improve the facilities equipment.

Wastewater flow information:

South Wastewater Plant Discharge Totals (June 2020)

Influent:	Total:	6.48	MG	**Effluent:**	Total:	10.71	MG
	Ave:	0.216	MGD		Ave:	0.357	MGD

North Wastewater Plant Discharge Totals (June 2020)

Influent:	Total:	14.64	MG	**Effluent:**	Total:	12.48	MG
	Ave:	0.488	MGD		Ave:	0.416	MGD

Improvements Completed June 2020

Lift Stations:

- All pumps manually tested.
- Dry wells have been inspected.
- Inspected wet well areas & floats and cleaned as needed.
- All routine checks and tests performed for the month.
- Tested all alarm functions on lift stations to insure there working as they should.
- Test ran all generators under load to insure they will work when needed.

North WWTP:

- Changed blower oil that needed changed.
- Sable came and reinstalled a sand filter pump that failed but was under warranty.
- All process control testing has been don't to insure the ideal operation of the plant.
- Cleaned spray nozzles on inlet screen.
- Excised/cleaned all emergency eye and body wash stations.
- Cleaned rags and build up out of inlet screen.
- Decanted digesters.
- Exercised portable generators.

- All Required IEPA testing was completed for the month.

South WWTP:

- We have been pressing sludge and drying it in the beds. Both ways work, however drying them in the beds is free, and the most cost-effective way to go about it at this stage in the plants life.
- With the help of public works, we cleaned a path to the out fall of the plant, we cleared and removed all the trees and bushes growing around the perimeter fence. We still have one area to clean up but its overgrown.
- Had a Digester blower start making noise, bad bearing. In the process of getting quotes to have it fix/replaced. Typically, we just replace them because there so expensive to rebuild it is usually only a small amount more to have the whole blower replaced and then everything is new.
- Cleaned off all trees and stumps from fence line around plant.
- Cleaned scum out of sand filter channels.
- Exercised/ cleaned all emergency eye and body wash stations.
- All process control has been done to ensure the plant is running optimum.
- Transferred sludge to Digester #3 from Digester 1 and 2 to thicken.
- Decanted all 3 digesters.
- All Required IEPA testing was completed for the month.

Water System:

- Clean all dust and cobwebs from well houses.
- Tested/ cleaned all emergency eye and body wash stations.
- All water plant numbers and chemicals were checked daily and adjusted if necessary.
- Hawkins came and filled up all our chemicals.
- All required IEPA testing was completed during the past month.
- All normal checks and cleaning was done at the well house and towers, garbage emptied, Thermostats checked for working order.

All operations and plant inspections have been performed by me or under my direct supervision. 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 06/01/20 to 06/30/20	DMR Due Date:	07/25/20	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150007

Principal Executive Officer

First Name:	Ion	Title:	Certified Operator	Telephone:	
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						=	78.0					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						=	181.0					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	=	0.488	=	0.773	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:	2020-07-22 15:20 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-07-24 09:52 (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 06/01/20 to 06/30/20	DMR Due Date:	07/25/20	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:	
Last Name:	Stear				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample								=	8.35	=	8.24	19 - mg/L		02/DA - 2 Days Every Week	GR - GRAB
					Permit Req.								>=	6.25 MN WK AV	>=	5.0 DAILY MN	19 - mg/L	0	02/DA - 2 Days Every Week	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample								=	6.92	=	7.68	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	=	27.4	=	41.63	26 - lb/d			=	7.9	=	12.0	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	=	0.1957	=	0.329	26 - lb/d			=	0.0564	=	0.095	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	=	0.416	=	0.7	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	<	10.4	<	10.4	26 - lb/d			<	3.0	<	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:	2020-07-22 15:27 (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 06/01/20 to 06/30/20	DMR Due Date:	07/25/20	Status:	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006

Principal Executive Officer

First Name:	Ion	Title:	Certified Operator	Telephone:	
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						=	90.64					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						=	207.57					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						=	4.54	=	12.0			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	=	0.216	=	0.266	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:	2020-07-22 15:30 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-07-24 09:52 (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 06/01/20 to 06/30/20	**DMR Due Date:**	07/25/20	**Status:**	NetDMR Validated

Considerations for Form Completion

BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name:	Ion	**Title:**	Certified Operator	**Telephone:**	
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	0	–	Sample								=	6.85	=	6.39	19 - mg/L		03/DW - 3 Days Every Week	GR - GRAB
					Permit Req.								>=	6.25 MN WK AV	>=	5.0 DAILY MN	19 - mg/L	0	03/DW - 3 Days Every Week	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	–	Sample						=	6.89			=	7.69	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	=	17.45	=	26.8	26 - lb/d			=	5.86	=	9.0	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								=	10.91	=	10.91	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	=	0.186	=	0.304	26 - lb/d			=	0.0625	=	0.102	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			=	0.226	26 - lb/d					=	0.078	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	=	1.52			26 - lb/d			=	0.512			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	=	0.357	=	0.916	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															
74055	Coliform, fecal general	1 - Effluent Gross	0	–	Sample										=	20.0	13 - #/100mL		03/DW - 3 Days Every Week	GR - GRAB
					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	<	8.93	<	8.93	26 - lb/d			<	3.0	<	3.0	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

VILLAGE OF POPLAR GROVE - WEST **IL0070350**
FOR THE MONTH OF 2019 **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-May	8;00	307226	0	6852.92	16	131.00	1.0	0.44	90	3.00	0.84	316.50	2.00	MS
1	8:25	307300	83	6854.52	1.87	130.00	1.0	0.49	87	1.00	0.90	314.50	3.10	JS
2	10:23	307383	70	6856.39	1.56	129.00	0.0	0.40	86	4.00	1.09	311.40	1.90	JS
3	9:24	307453	58	6857.95	1.27	129.00	1.0	1.60	82	2.00	1.86	309.50	1.60	JS
4	8:28	307511	80	6859.22	1.67	128.00	1.0	0.25	80	4.00	0.96	307.90	2.10	JS
5	8:26	307591	71	6860.89	1.67	127.00	0.0	0.44	76 / 125	1.00	0.99	305.80	1.70	JS
6	8:14	307662	94	6862.56	2.09	127.00	1.0	0.42	124	6.00	0.98	304.10	2.10	JS
7	8:00	307756	60	6864.65	1.31	126.00	2.0	0.39	118	4.00	0.82	302.00	1.80	MS
8	8:33	307816	94	6865.96	2.07	124.00	0.5	0.43	114	3.00	0.92	300.20	2.50	JS
9	8:59	307910	62	6868.03	1.38	123.50	1.0	0.58	111	1.00	1.11	297.70	2.30	JS
10	9:01	307972	66	6869.41	1.41	122.50	0.5	0.35	110	5.00	0.62	295.40	1.10	JS
11	10:06	308038	64	6870.82	1.44	122 /160	2.0	0.64	105	3.00	1.01	294.3 /432.9	1.70	JS
12	9:27	308102	65	6872.26	1.45	158.00	0.0	0.82	102	4.00	0.98	431.20	1.50	JS
13	9:11	308167	95	6873.71	2.1	158.00	1.0	0.65	98	6.00	0.89	429.70	2.80	JS
14	11:00	308262	59	6875.81	1.29	157.00	1.0	1.88	92	3.00	1.64	426.90	1.60	MS
15	8:31	308321	65	6877.10	1.44	156.00	1.0	0.56	89	2.00	1.14	425.30	1.80	JS
16	8:23	308386	84	6878.54	1.87	155.00	2.0	0.55	87	3.00	0.93	423.50	2.70	JS
17	8:31	308470	95	6880.41	2.08	153.00	0.0	0.69	84	4.00	0.98	420.80	2.50	JS
18	8:45	308565	67	6882.49	1.48	153.00	0.0	0.47	80	2.00	0.76	418.30	2.00	MS
19	8:23	308632	84	6883.97	1.85	153.00	2.0	0.73	78	6.00	0.98	416.30	2.90	JS
20	8:42	308716	95	6885.82	2.15	151.00	1.0	0.73	72 / 140	10.00	0.84	413.40	2.80	JS
21	10:30	308811	81	6887.97	1.23	150.00	1.0	1.58	130	3.00	1.32	410.60	2.40	MS
22	8:11	308892	66	6889.20	2	149.00	1.0	0.60	127	3.00	1.13	408.20	1.80	JS
23	8:00	308958	73	6891.20	1.62	148.00	1.0	0.42	124	4.00	1.13	406.40	2.00	MS
24	8:48	309031	63	6892.82	1.91	147.00	0.0	0.45	120	2.00	1.03	404.40	1.70	JS
25	8:00	309094	70	6894.73	1.02	147.00	1.0	0.43	118	4.00	0.87	402.70	2.10	MS
26	8:00	309164	121	6895.75	1.6	146.00	1.0	0.57	114	4.00	1.15	400.60	2.50	MS
27	8:39	309285	13	6897.35	0.43	145.00	1.0	0.41	110	2.00	1.30	398.10	0.80	JS
28	8:00	309298	90	6897.78	2.97	144.00	1.0	0.57	108	8.00	1.80	397.30	1.20	MS
29	8:00	309388	64	6900.75	1.4	143.00	1.0	0.23	100	3.00	1.40	396.10	1.00	MS
30	8:59	309452	63	6902.15	1.44	142.00	0.5	0.37	97	4.00	1.42	395.10	0.90	JS
1	9:01	309515	-309515	6903.59	-6903.59	141.50		0.27	93		2.00	394.20	394.20	JS
TOT			2215					19.41			35.79			
AVE			71					0.61			1.12			
MAX			121					1.88			2.00			
MIN			0					0.23			0.62			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH **IL0070300**
FOR THE MONTH OF 2019 **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-May	8:00	493144	113	2675.4	1.7	4756.10	0	109.00	1.5	2.00	0.76	7.00	2.37	327.20	3.40	MS
1	9:29	493257	87	2677.1	1.4	4756.10	0	107.50	0.5	1.12	69 / 110	4.00	0.86	323.80	2.60	JS
2	9:40	493344	110	2678.5	1.7	4756.10	0	107.00	2.0	0.99	106	5.00	1.11	321.20	3.60	JS
3	10:03	493454	86	2680.2	1.3	4756.10	0	105.00	1.0	0.37	101	5.00	0.27	317.60	3.00	JS
4	9:38	493544	109	2681.5	1.7	4756.10	0	104.00	2.0	0.79	96	8.00	1.96	314.60	0.00	JS
5	9:16	493649	103	2683.2	1.6	4756.10	0	102.00	1.0	1.01	88	6.00	0.41	311.00	3.40	JS
6	8:42	493752	114	2684.8	1.8	4756.10	0	101.00	1.0	1.03	82	10.00	0.51	307.60	-0.20	JS
7	8:00	493866	123	2686.6	1.9	4756.10	0	100.00	2.0	0.25	72	4.00	1.27	307.80	3.80	MS
8	9:27	493989	110	2688.5	1.7	4756.10	0	98.00	1.0	1.00	68 / 90	6.00	1.17	300.00	3.60	JS
9	10:32	494099	83	2690.2	1.3	4756.10	0	97.00	2.0	0.94	84	5.00	0.50	303.60	2.40	JS
10	10:15	494182	70	2691.5	1.1	4756.10	0	95.00	1.0	0.89	79	5.00	1.32	294.00	2.80	JS
11	9:15	494252	86	2692.6	1.3	4756.10	0	94 / 160	1.0	1.11	74	4.00	0.46	291.2 /466.2	2.60	JS
12	10:14	494338	106	2693.9	1.6	4756.10	0	159.00	2.0	1.06	70 / 120	5.00	1.24	463.60	3.60	JS
13	9:39	494444	88	2695.5	1.4	4756.10	0	157.00	1.0	0.61	115	5.00	1.02	460.00	2.80	JS
14	10:30	494532	128	2696.9	2	4756.10	0	156.00	1.0	2.00	110	8.00	1.44	457.20	4.20	MS
15	9:30	494660	106	2698.9	1.6	4756.10	0	155.00	3.0	1.13	102	6.00	1.03	453.00	3.60	JS
16	9:15	494766	123	2700.5	2	4756.10	0	152.00	1.0	0.99	96	8.00	0.53	449.40	3.60	JS
17	9:35	494889	108	2702.5	1.6	4756.10	0.4	151.00	1.0	1.07	88	6.00	0.78	445.60	3.80	JS
18	8:55	495126	129	2704.1	2	4756.50	0	150.00	2.0	0.31	82	7.00	0.41	441.80	4.20	MS
19	8:55	495126	121	2706.1	1.9	4756.50	0	148.00	1.0	1.09	75 / 120	6.00	0.77	437.60	4.00	JS
20	8:12	495247	104	2708.0	1.6	4756.50	0	147.00	2.0	1.06	114	6.00	0.80	433.60	3.20	JS
21	10:15	495351	131	2709.6	0	4756.50	0	145.00	1.5	2.00	108	8.00	1.50	430.40	3.60	MS
22	10:19	495482	68	2711.6	1.1	4756.50	0	143.50	0.5	0.00	100	6.00	1.02	426.00	2.60	JS
23	10:00	495550	108	2712.7	1.7	4756.50	0	142.00	1.0	1.13	94	6.00	1.33	423.40	3.20	MS
24	9:15	495658	102	2714.4	1.6	4756.50	0	141.00	2.0	1.21	88	6.00	0.60	420.20	3.20	JS
25	8:00	495760	122	2716.0	1.9	4756.50	0	139.00	2.0	1.23	82	8.00	1.07	417.00	3.80	MS
26	8:00	495882	66	2717.9	1	4756.50	0	137.00	1.0	0.96	74	2.00	0.50	413.20	2.20	MS
27	9:09	495948	97	2718.9	2.9	4756.50	0	136.00	1.0	1.43	72	8.00	1.22	411.00	3.20	JS
28	8:00	496137	92	2721.8	0	4756.50	0	135.00	2.0	1.25	64	4.00	1.08	407.80	3.00	MS
29	8:00	496137	89	2721.8	1.5	4756.50	0	133.00	1.0	1.27	60 /120	6.00	1.12	404.80	2.80	MS
30	10:26	496226	103	2723.3	1.5	4756.50	0	132.00	2.0	1.26	114	6.00	0.42	402.00	3.60	JS
1	10:45	496329	96	2724.8		4756.50	0	130.00		1.21	108		1.34	398.40	3.60	JS
TOT			3281				0			33.77			31.43			
AVE			103				0			1.06			0.98			
MAX			131				0			2.00			2.37			
MIN			66				0			0.00			0.27			

SIGNATURE: Tom Stear
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VILLAGE OF POPLAR GROVE - NORTH **IL0070150**
FOR THE MONTH OF 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-May	8:00	230064165.0	128024.1	10061.8	0	22879.30	5.50	93.00	3.0	2.00	136	6.00	79.00	25.25	0.3	MS
1	8:06	230192189.1	138575.6	10061.8	0	22884.80	6.20	90.00	3.0	2.00	130	7.00	0.93	25.00	0.5	JS
2	10:49	230330764.7	142426.5	10061.8	0	22891.00	6.30	87.00	2.0	2.19	123	7.00	1.10	24.50	0.5	JS
3	10:35	230473191.2	118866.5	10061.8	0	22897.30	5.20	85.00	2.0	1.80	116	8.00	0.59	24.00	0.0	JS
4	8:07	230592057.7	153711.6	10061.8	0	22902.50	6.80	83.00	2.0	1.30	108	7.00	0.72	24.00	0.5	JS
5	8:09	230745769.3	116179.2	10061.8	0	22909.30	5.20	81.00	2.0	1.35	101	7.00	0.46	23.50	0.5	JS
6	7:46	230861948.5	186821.5	10061.8	0	22914.50	8.30	79.00	2.0	1.51	94	10.00	1.43	23.00	0.8	JS
7	8:00	231048770	126063.5	10061.8	0	22922.80	5.60	77.00	2.0	1.19	84	6.00	0.84	22.25	0.3	JS
8	8:08	231174833.5	154167.5	10061.8	0	22928.40	9.80	75.00	1.0	1.39	78 / 120	8.00	0.79	22.00	0.8	JS
9	8:29	231329001.0	97469.6	10061.8	0	22938.20	1.40	74.00	1.0	1.25	112	-5.00	0.82	21.25	0.3	JS
10	8:28	231426470.6	126361.4	10061.8	0	22939.60	5.60	73.00	1.0	1..75	117	17.00	0.64	21.00	0.0	JS
11	9:48	231552832.0	98729.7	10061.8	0	22945.20	3.30	72 /160	1.0	1.57	100	5.00	1.03	21 / 50	0.0	JS
12	8:57	231651561.7	103337.6	10061.8	0	22948.50	5.60	159.00	2.0	2.14	95	7.00	0.95	50.00	0.0	JS
13	8:48	231754899.3	176755.7	10061.8	0	22954.10	7.90	157.00	3.0	1.72	88	8.00	1.19	50.00	1.0	JS
14	11:30	231931655.0	101949.6	10061.8	0	22962.00	4.50	154.00	0.0	1.70	80	5.00	0.77	49.00	0.5	MS
15	8:07	232033604.6	126699.7	10061.8	0	22966.50	5.70	154.00	2.0	1.11	75	7.00	1.00	48.50	0.5	JS
16	8:05	232160304.3	169363.4	10061.8	0	22972.20	7.50	152.00	2.0	0.91	68 /120	7.00	0.65	48.00	1.0	JS
17	8:11	232329667.7	149252.3	10061.8	0	22979.70	6.80	150.00	1.0	1.08	113	7.00	2.14	47.00	0.8	JS
18	8:00	232478920.0	148131.1	10061.8	0	22986.50	6.50	149.00	1.0	0.91	106	9.00	1.50	46.25	0.8	MS
19	8:02	232627051.1	127675.1	10061.8	0	22993.00	5.70	148.00	1.5	0.84	97	7.00	1.40	45.50	0.5	JS
20	8:11	232754726.2	184712.7	10061.8	0	22998.70	8.20	146.50	1.5	0.63	90	10.00	1.19	45.00	1.0	JS
21	8:00	232939438.9	137400	10061.8	0	23006.90	6.20	145.00	1.0	0.39	80	7.00	1.05	44.00	0.8	MS
22	8:11	233076838.9	121332.1	10061.8	0	23013.10	5.40	144.00	1.0	0.88	73 /120	6.00	0.55	43.25	0.5	JS
23	8:00	233198171.0	120746.6	10061.8	0	23018.50	5.30	143.00	1.0	0.43	114	6.00	0.42	42.75	0.8	MS
24	8:16	233318917.6	86205.4	10061.8	0	23023.80	3.90	142.00	1.0	1.70	108	4.00	2.10	42.00	0.8	JS
25	8:00	233405123.0	167787	10061.8	0	23027.70	10.50	141.00	2.0	0.45	104	9.00	0.40	41.25	1.3	MS
26	8:00	233572910.0	91798.6	10061.8	0	23038.20	1.10	139.00	1.0	1.24	95	5.00	0.32	40.00	0.0	MS
27	8:05	233664708.6	154571.4	10061.8	0	23039.30	0.90	138.00	1.0	0.94	90	8.00	0.75	40.00	1.0	JS
28	8:30	233819280.0	115531	10061.8	0	23040.20	11.10	137.00	2.0	0.98	82	6.00	1.24	39.00	0.5	MS
29	9:00	233934811.0	98441.2	10061.8	0	23051.30	4.50	135.00	1.0	0.89	76 120	5.00	1.63	38.50	0.5	MS
30	12:00	234033252.2	148080.9	10061.8	0	23055.80	6.50	134.00	2.0	0.95	115	8.00	0.72	38.00	1.0	JS
1	8:30	2341811833.1		10061.8		23062.30		132.00		0.71	107		0.69	37.00		JS
TOT			4117168				183			38.15			109.01			
AVE			132812				6			1.23			3.41			
MAX			186822				11			2.19			79.00			
MIN			86205				1			0.39			0.32			

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VILLAGE OF POPLAR GROVE **DAILY DISTRIBUTION MONITORING REPORT**
FOR THE MONTH OF 2019
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	Tower	2.00		0.93	Tower	0.32		0.92	Tower	0.7		1.38	JS			0.65	0.66	0.84
2	Tower	2.19		1.10	Tower	0.35		1.07	Tower	0.7		1.69	JS			0.63	0.74	0.68
3	Tower	1.80		0.59	Tower	0.82		1.10	Tower	0.59		1.55	JS			0.80	1.20	0.68
4	Tower	1.30		0.72	Tower	0.24		0.80	Tower	0.56		1.46	JS			0.82	0.57	0.73
5	Tower	1.35		0.46	Tower	0.46		0.80	Tower	0.66		1.61	JS			0.80	0.65	0.80
6																0.70	0.60	0.22
7																0.99	0.64	0.50
8	Tower	1.39		0.79	Tower	0.45		1.00	Tower	0.66		1.66	JS			0.65	0.71	0.85
9	Tower	1.25		0.82	Tower	0.41		0.98	Tower	0.60		1.61	JS			0.74	0.66	0.76
10	Tower	1.75		0.64	Tower	0.28		1.16	Tower	0.61		1.69	JS			1.00	0.61	0.78
11	Tower	1.57		1.03	Tower	0.55		0.89	Tower	0.57		1.58	JS			1.00	0.67	0.80
12	Tower	2.14		0.95	Tower	0.59		0.95	Tower	0.55		1.68	JS			0.88	0.64	0.86
13																1.00	0.63	0.78
14																0.95	1.50	2.00
15	Tower	1.11		1.00	Tower	0.44		0.95	Tower	0.68		1.5	JS			0.97	0.65	0.74
16	Tower	0.91		0.65	Tower	0.41		0.99	Tower	0.70		1.38	JS			0.72	0.58	0.87
17	Tower	1.08		2.14	Tower	0.48		1.09	Tower	0.78		1.54	JS			0.78	0.50	0.80
18	Tower	0.91		1.50	Tower	0.39		0.56	Tower	0.66		1.52	MS			1.40	0.55	0.79
19	Tower	0.84		0.54	Tower	0.52		0.89	Tower	0.60		1.44	JS			0.86	0.76	0.76
20																0.90	0.72	0.66
21																0.91	1.20	2.20
22	Tower	0.88		0.54	Tower	0.39		0.97	Tower	0.59		1.64	JS			1.30	0.73	0.72
23	Tower	0.43		0.42	Tower	0.42		1.13	Tower	0.32		1.43	MS			2.00	0.60	0.71
24	Tower	1.70		2.1	Tower	0.28		1.07	Tower	0.59		1.47	JS			0.82	0.63	0.79
25	Tower	0.45		0.4	Tower	0.34		0.84	Tower	0.65		1.38	MS			2.10	0.61	0.78
26	Tower	1.24		0.32	Tower	0.3		1.13	Tower	0.66		1.35	MS			1.00	0.57	0.77
27																1.30	0.57	0.50
28																0.79	0.42	0.66
29	Tower	1.63		0.89	Tower	0.26		0.48	Tower	0.79		1.65	MS			1.60	0.43	0.61
30	Tower	0.55		0.72	Tower	0.26		1.31	Tower	0.89		1.59	JS			1.10	0.28	0.72

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