October 8, 2020

TEST Inc.
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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 (August 2020)

Influent:	Total:	3.690	MG	**Effluent:**	Total:	7.260	MG
	Ave:	0.132	MGD		Ave:	0.242	MGD

North Wastewater Plant Discharge Totals (August 2020)

Influent:	Total:	10.170	MG	**Effluent:**	Total:	10.290	MG
	Ave:	0.339	MGD		Ave:	0.343	MGD

Improvements Completed September 2020

Lift Stations:

- We had a Level controller go bad at Collection point Lift station. Because we are able to have spare parts on hand we were able to fix it that night and new parts have been order to replace the one we took off the shelf.
- We had a pump burn up at the small lift station on Bullard Ave and again because we have spare parts we were able to get a new pump installed and get everything fixed that night. A new pump has been ordered to replace the one in the lift station.
- All pumps manually tested.
- Dry wells have been inspected.
- Inspected wet well areas & floats and cleaned as needed.
- Collins came out to finish cleaning the lift stations they didn't get to the last time they were here.
- 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:

- SBR 4 is foam free as a result of using the foam buster and Quik Zyme

- SBR1 is back up and running with new mounting installed for decanter support
- Ordered a new pulley set for a blower that the belts were having excise wear. We took the pulley to be inspected, they were out of spec so we are replacing them.
- Comfort solutions was out and did all the PMs on the furnaces
- Checked all the oil levels on all the blowers without sight glasses.
- 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 and reporting was completed for the month.

South WWTP:

- Got 3 quotes for new tube style radiant heater for influent room at sound plant.
- New blower for digester is held up in customs. Will be here as soon as it can be.
- Changed to our back up air compressor because the main one crapped out. I will be taking the old one back to home depot to exchange for a new one.
- Checked all the oil on the blowers without sight glasses.
- Cleaned scum out of sand filter channels.
- Exercised/ cleaned all emergency eye and body wash stations.
- All process control has been done to insure 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 and reporting was completed for the month.

Water System:

- Changed HOA switch at well 3
- Changed Fluoride pump/line/injector/ and foot valve at well 4.
- Hawkins topped off all our chemicals
- 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 of our chemicals.
- All required IEPA testing and reporting 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

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:	INF Influent Structure	**Discharge:**	**INF-L** INFLUENT MONITORING		

Report Dates & Status

Monitoring Period:	**From 08/01/20 to 08/31/20**	**DMR Due Date:**	**09/25/20**	**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						=	105.0					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						=	149.0					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	=	0.339	=	0.546	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:	2020-09-24 11:20 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-09-28 13:11 (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 08/01/20 to 08/31/20**	**DMR Due Date:**	**09/25/20**	**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:**	815-224-1850
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						=	7.95	=	6.93	=	6.81	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						=	7.31			=	7.74	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	=	25.39	=	62.9	26 - lb/d			=	8.875	=	22.0	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	=	0.323	=	0.5	26 - lb/d			=	0.113	=	0.175	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	=	0.343	=	0.471	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	<	8.58	<	8.58	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:	2020-09-24 11:25 (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 08/01/20 to 08/31/20**	**DMR Due Date:**	**09/25/20**	**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							=	137.0				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							=	199.0				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							=	5.25	=	10.5		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	=	0.132	=	0.217	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:	2020-09-24 11:30 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-09-28 13:11 (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 08/01/20 to 08/31/20**	**DMR Due Date:**	**09/25/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

BOW ID: W0070150006; DMF LOAD LIMITS DISPLAYED.

Principal Executive Officer

First Name:	Ion	**Title:**	Certified Operator	**Telephone:**	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						=	6.27	=	6.04	=	6.0	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						=	7.27			=	7.46	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	=	11.44	=	30.27	26 - lb/d			=	5.67	=	15.0	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									16.2	=	19.3	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	=	0.616	=	4.86	26 - lb/d			=	0.305	=	2.41	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			=	2.06	26 - lb/d					=	1.022	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	=	1.81			26 - lb/d			=	0.897			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	=	0.242	=	0.399	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	<	6.05	<	6.05	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

Attachments

No attachments.

Report Last Saved By

POPLAR GROVE, VILLAGE OF

User:	ebumgarner
Name:	Elaine Bumgarner
E-Mail:	ebumgarner@testinc.com
Date/Time:	2020-09-24 11:42 (Time Zone: -05:00)

Report Last Signed By

User:	IONSTEAR
Name:	Ion Stear
E-Mail:	istear@testinc.com
Date/Time:	2020-09-28 13:11 (Time Zone: -05:00)

VILLAGE OF POPLAR GROVE
FOR THE MONTH OF AUG 2020
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

DAILY DISTRIBUTION MONITORING REPORT

Date	North System (Wells 2 & 3)				West System (Well 4)				South System (Wells 5 & 6)				Operator Initials	Flouride Analysis				
	Site #	Free Cl_2	Total Cl_2	PO_4	Site #	Free Cl_2	Total Cl_2	PO_4	Site #	Free Cl_2	Total Cl_2	PO_4		1.0 mg.L Standard	Well #2	Well #3	Well #4	Well#5-6
1																0.75	0.76	0.71
2																0.76	0.70	0.90
3	Tower	0.2		0.87	Tower	0.75		1.49	Tower	0.54		1.37	JS			0.90	0.27	0.85
4	Tower	1.32		1.15	Tower	0.80		1.65	Tower	0.57		1.33	JS			1.20	0.23	0.97
5	Tower	1.62		1.45	Tower	0.84		1.27	Tower	0.7		1.43	JS			1.50	0.22	0.85
6	Tower	1.32		1.30	Tower	0.88		1.47	Tower	0.74		1.36	JS			1.20	0.22	0.92
7	Tower	1.44		0.78	Tower	0.83		0.40	Tower	0.87		1.40	JS			1.40	0.20	0.93
8																0.96	0.19	0.28
9																1.40	0.20	2.00
10	Tower	0.55		1.26	Tower	0.57		1.54	Tower	0.94		1.48	JS			1.20	0.27	0.95
11	Tower	0.68		1.58	Tower	0.84		1.54	Tower	0.86		1.39	MS			1.20	0.23	0.97
12	Tower	0.43		1.09	Tower	0.88		1.90	Tower	0.90		1.43	JS			1.10	0.22	0.88
13	Tower	0.27		1.00	Tower	0.83		1.68	Tower	0.91		1.53	JS			1.00	0.81	0.96
14	Tower	0.52		1.05	Tower	0.28		1.75	Tower	0.88		1.55	JS			1.40	0.55	1.00
15																1.30	0.89	0.33
16																1.20	0.86	2.00
17	Tower	0.45		1.25	Tower	0.61		1.37	Tower	0.86		1.90	JS			0.88	0.85	1.30
18	Tower	0.46		0.97	Tower	0.65		1.29	Tower	0.88		1.28	JS			1.00	0.81	1.30
19	Tower	1.12		1.15	Tower	0.55		1.44	Tower	0.82		1.39	JS			1.70	0.67	0.98
20	Tower	0.67		1.28	Tower	0.28		1.16	Tower	0.57		1.45	JS			1.20	0.70	1.10
21	Tower	0.87		1.08	Tower	0.62		1.08	Tower	0.62		1.41	JS			1.80	0.78	1.10
22																1.20	0.78	1.10
23																1.50	0.72	1.10
24	Tower	0.56		1.29	Tower	0.65		1.02	Tower	0.64		1.44	JS			1.30	0.36	1.20
25	Tower	0.77		0.66	Tower	0.76		1.01	Tower	0.47		1.28	MS			1.10	0.60	1.30
26	Tower	0.90		0.50	Tower	0.69		1.19	Tower	0.75		1.53	JS			1.40	0.27	1.20
27	Tower	0.79		2.01	Tower	0.63		1.24	Tower	0.62		1.51	JS			0.78	0.22	0.92
28	Tower	0.60		0.89	Tower	0.68		0.94	Tower	0.57		1.51	JS			0.59	0.84	0.81
29																0.66	1.10	0.64
30																0.68	2.00	2.00
31	Tower	1.11		0.84	Tower	0.65		0.89	Tower	0.31		1.28	MS			0.81	0.21	0.92
1																		

Signature:  Ion Stear

PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - WEST **IL0070350**
FOR THE MONTH OF AUG 2020 **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	8:00	311502	0	6947.18	0	86.00	1.0	0.83	88	8.00	1.67	337.60	2.70	MS
1	8:00	311597	7	6949.14	0.09	85.00	1.0	0.87	80	0.00	1.26	334.90	0.30	IS
2	8:00	311604	62	6949.23	1.3	84.00	0.0		80	5.00		334.60	1.40	MS
3	9:30	311666	60	6950.53	1.29	84.00	0.0	0.96	75 / 125	0.40	1.52	333.20	0.40	JS
4	9:15	311726	62	6951.82	1.31	84 / 120	1.0	0.96	119	0.30	1.49	333.6/435.9	0.30	JS
5	9:26	311788	59	6953.13	1.31	119.00	0.5	0.91	119	6.00	1.25	436.20	0.00	JS
6	8:43	311847	59	6954.44	1.31	118.50	0.0	1.06	113	3.00	1.42	436.20	-0.10	JS
7	8:32	311906	60	6955.75	1.31	118.50	1.5	1..02	110	5.00	1.46	436.30	0.00	JS
8	8:40	311966	57	6957.06	1.28	117.00	0.0	0.95	105	5.00	2.06	436.30	0.40	JS
9	8:00	312023	54	6958.34	1.19	117.00	1.0	1.10	100	6.00	2.00	435.90	0.00	MS
10	8:30	312077	57	6959.53	1.24	116.00	1.0	0.78	94	6.00	2.10	435.90	-0.10	JS
11	8:00	312134	58	6960.77	1.23	115.00	1.0	0.80	88	4.00	1.74	436.00	3.80	MS
12	8:21	312192	40	6962.00	0.87	114.00	0.0	0.97	84 /133	2.00	1.98	432.20	-2.90	JS
13	9:17	312232	18	6962.87	0.42	114.00	0.0	0.99	131	1.00	1.66	435.10	0.30	JS
14	8:25	312250	58	6963.29	1.24	114.00	1.0	0.97	130	4.00	1.60	434.80	1.00	JS
15	8:50	312308	60	6964.53	0.71	113.00	1.0	0.87	126	6.00	1.88	433.80	1.40	JS
16	8:00	312368	59	6965.24	1.94	112.00	0.5	0.74	120	2.00	1.20	432.40	1.30	MS
17	9:09	312427	60	6967.18	1.21	111.50	0.0	1.01	118	4.00	1.42	431.10	1.20	JS
18	8:38	312487	58	6968.39	1.26	111.50	1.0	0.79	114	4.00	1.29	429.90	1.10	JS
19	8:58	312545	59	6969.65	1.3	110.50	0.5	0.82	110	2.00	1.48	428.80	1.40	JS
20	8:45	312604	51	6970.95	1.09	110.00	1.0	0.72	108	2.00	1.69	427.40	1.20	MS
21	8:47	312655	53	6972.04	1.18	109.00	1.0	0.89	106	1.00	1.13	426.20	1.00	JS
22	8:32	312708	76	6973.22	1.53	108.00	0.9	0.85	105	5.00	0.97	425.20	0.90	JS
23	8:00	312784	56	6974.75	1.31	108.00	1.0	0.78	100	2.00	1.14	424.30	0.60	MS
24	8:27	312840	56	6976.06	1.26	107.00	1.0	0.80	98	0.00	0.83	423.70	1.60	JS
25	8:00	312896	58	6977.32	1.22	106.00	1.0	0.68	98	2.00	1.02	422.10	0.30	MS
26	8:40	312954	60	6978.54	1.31	105.00	1.0	0.73	96	3.00	1.22	421.80	0.30	JS
27	8:41	313014	1	6979.85	1.37	104.00	0.0	1.00	93 / 121	2.00	1.41	421.50	0.00	JS
28	8:40	313015	67	6981.22	0.16	104.00	0.5	0.87	119	1.00	1.07	421.50	0.30	JS
29	8:53	313082	101	6981.38	2.25	103.50	1.5	0.81	118	6.00	1.05	421.20	4.00	JS
30	8:00	313183	53	6983.63	1.18	102.00	0.0	1.14	112	2.00	2.30	417.20	0.20	MS
31	8:00	313236	38	6984.81	0.76	102.00	0.0	0.63	110	0.00	0.97	417.00	0.60	MS
1	8:00	313274		6985.57		102.00		0.70	110		1.01	416.40		MS
TOT			1639					26.98			46.29			
AVE			53					0.87			1.45			
MAX			101					1.14			2.30			
MIN			0					0.63			0.83			

SIGNATURE: Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF AUG 2020
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070300
MONTHLY OPERATING REPORT

		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	499797	133	2778.9	2.1	4756.50	0	75.00	2.0	0.91	60	10.00	1.17	285.20	4.20	IS
1	8:00	499930	90	2781.0	1	4756.50	0	73.00	1.0	0.42	50	0.00	0.56	281.00	2.20	MS
2	8:00	500000	110	2782.0	1.9	4756.50	0	72.00	2.0	0.76	50	8.00	1.00	278.80	4.00	MS
3	8:33	500118	100	2783.9	1.5	4756.50	0	70.00	2.0	0.76	42	6.00	0.94	274.80	3.20	JS
4	10:13	500213	147	2785.4	2.3	4756.50	0	68 / 160	2.0	0.73	36 /120	6.00	2.00	271.6 /458.6	6.50	JS
5	8:55	500360	99	2787.7	0	4756.50	0	158.00	2.0	1.24	114	6.00	1.06	453.60	3.00	JS
6	9:47	500459	142	2789.3	2.2	4756.50	0	156.00	3.0	0.20	108	6.00	2.05	450.60	4.60	JS
7	9:10	500601	99	2791.5	1.6	4756.50	0	153.00	1.0	1.32	102	5.00	0.79	446.00	3.40	JS
8	9:20	500700	146	2793.1	0	4756.50	0	152.00	2.0	1.23	97	7.00	0.85	442.60	5.00	JS
9	8:00	500846	89	2795.3	1.4	4756.50	0	150.00	2.0	2.00	90	6.00	2.18	437.60	3.00	MS
10	9:01	500935	97	2796.7	1.5	4756.50	0	148.00	1.0	1.21	84	4.00	1.11	434.60	2.80	JS
11	8:00	501032	90	2798.2	1.4	4756.50	0	147.00	1.0	1.09	80	6.00	0.94	431.80	3.60	MS
12	9:36	501127	78	2799.6	1.3	4756.50	0	146.00	2.0	1.25	74 / 121	4.00	1.02	428.20	2.40	JS
13	8:25	501200	96	2800.9	1.5	4756.50	0	144.00	1.0	1.09	117	5.00	1.14	425.80	3.20	JS
14	8:57	501296	91	2802.4	1.4	4756.50	0	143.00	2.0	0.64	112	4.00	2.16	422.60	3.40	JS
15	9:44	501387	95	2803.8	1.5	4756.50	0	141.00	1.0	1.12	108	6.00	1.00	419.20	2.80	JS
16	8:00	501482	147	2805.3	2.3	4756.50	0	140.00	2.5	1.13	102	7.00	0.96	416.40	4.80	MS
17	9:50	501629	94	2807.6	1.4	4756.50	0	137.50	1.5	1.11	95	4.00	0.65	411.60	2.80	JS
18	9:48	501723	132	2809.0	2.1	4756.50	0	136.00	2.0	1.17	91	9.00	0.71	408.80	4.80	JS
19	10:08	501855	139	2811.1	2.2	4756.50	0	134.00	1.0	0.79	82	6.00	0.49	404.00	4.20	JS
20	10:18	501994	140	2813.3	2.2	4756.50	0	133.00	2.0	0.99	76 /121	7.00	1.09	399.80	4.80	JS
21	10:04	502134	110	2815.5	1.7	4756.50	0	131.00	2.0	0.79	114	6.00	0.82	395.00	4.80	JS
22	9:07	502244	170	2817.2	2.7	4756.50	0	129.00	1.0	0.80	108	8.00	1.28	391.20	5.40	JS
23	8:00	502414	185	2819.9	2.2	4756.50	0	128.00	2.0	0.49	100	8.00	0.50	385.80	5.00	MS
24	8:58	502499	108	2822.1	2.4	4756.50	0	126.00	2.0	0.76	92	8.00	0.60	386.80	4.80	JS
25	8:00	502707	168	2824.5	2.5	4756.50	0	124.00	2.0	0.36	84	8.00	0.39	376.00	5.80	MS
26	9:51	502875	0	2827	-2827	4756.50	0	122.00	122.0	0.78	76 / 120	#VALUE!	1.17	370.20	0.00	JS
27			0		0	4756.50	0		0.0			0.00			0.00	
28			0		0	4756.50	-4756.5		0.0			0.00			0.00	
29			0		0		0		0.0			0.00			0.00	
30									0.0			0.00			0.00	
31																
1																
TOT			3095				-4757			25.14			28.63			
AVE			103				-159			0.93			1.06			
MAX			185				0			2.00			2.18			
MIN							-4757			0.20			0.39			

SIGNATURE: Jon Stear
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VILLAGE OF POPLAR GROVE - NORTH
FOR THE MONTH OF AUG 2020
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-Jul	8:00	238256019.0	160701	1006.9	0	23243.90	7.90	77.00	2.0	0.84	90	8.00	0.99	16.00	1.0	MS
1	8:00	238416720.0	126610	1006.9	0	23251.80	5.60	75.00	2.0	0.75	82	4.00	1.13	15.00	0.0	IS
2	8:00	238543330.0	152838.4	1006.9	0	23257.40	6.90	73.00	4.5	1.07	78	10.00	0.85	15.00	1.0	MS
3	1:40	238696168.4	111923.9	1006.9	0	23264.30	5.00	68.50	3.5	0.20	68 / 120	5.00	0.87	14.00	1.0	MS
4	8:35	238808092.3	138626.6	1006.9	0	23269.30	6.30	65 / 160	7.0	1.32	115	7.00	1.15	13 / 50	1.0	JS
5	10:00	238946718.9	134914	1006.9	0	23275.60	6.10	158.00	1.0	1.62	108	5.00	1.45	49.00	1.0	JS
6	8:19	239081632.9	147370.5	1006.9	0	23781.70	1.50	157.00	3.0	1.32	103	8.00	1.30	48.00	0.8	JS
7	8:09	239229003.4	134999.1	1006.9	0	23288.20	6.30	154.00	0.0	1.44	95	6.00	0.78	47.25	1.0	JS
8	8:25	239364002.5	212200.5	1006.9	0	23294.50	9.60	154.00	1.0	0.74	89	9.00	1.11	46.25	1.0	JS
9	8:00	239576203.0	136257.1	1006.9	0	23304.10	6.10	153.00	2.0	0.85	80	7.00	1.87	45.25	0.5	MS
10	8:15	239712460.1	113059.9	1006.9	0	23310.20	5.10	151.00	1.0	0.55	73	7.00	1.26	44.75	0.8	JS
11	8:00	239825520.0	131950.8	1006.9	0	23315.30	6.00	150.00	1.0	0.68	66	6.00	1.58	44.00	1.0	MS
12	8:27	239957470.8	144848.1	1006.9	0	23321.30	6.50	149.00	0.0	0.43	60/130	5.00	1.09	43.00	0.5	JS
13	9:49	240102318.9	128828.3	1006.9	0	23327.80	5.80	149.00	1.0	0.27	125	7.00	1.00	42.50	0.5	JS
14	8:10	240231147.2	133872.3	1006.9	0	23333.60	6.10	148.00	0.5	0.52	118	6.00	1.05	42.00	1.0	JS
15	8:33	240365019.5	34325.5	1006.9	0	23339.70	6.10	147.50	0.5	0.47	112	8.00	1.00	41.00	1.0	JS
16	8:00	240399345.0	248022.9	1006.9	0	23345.80	6.60	147.00	1.0	0.71	104	6.00	0.79	40.00	0.5	MS
17	8:43	240647367.9	134419.7	1006.9	0	23352.40	6.10	146.00	1.0	0.45	98	7.00	1.25	39.50	0.5	JS
18	8:14	240781787.6	158311.2	1006.9	0	23358.50	7.20	145.00	1.0	0.46	91	7.00	0.97	39.00	1.0	JS
19	8:36	240940098.8	152384.6	1006.9	0	23365.70	6.90	144.00	2.0	1.12	84	8.00	1.15	38.00	0.8	JS
20	8:22	241092483.4	148518.4	1006.9	0	23372.60	6.70	142.00	1.0	0.67	76	7.00	1.28	37.25	0.8	JS
21	8:18	241241001.8	133735.9	1006.9	0	23379.30	6.00	141.00	2.0	0.87	69 / 120	6.00	1.08	36.50	0.5	JS
22	8:11	241374737.7	193150.3	1006.9	0	23385.30	8.80	139.00	1.0	0.83	114	8.00	1.61	36.00	1.0	JS
23	8:00	241567888.0	143577.7	1006.9	0	23394.10	6.50	138.00	1.0	0.79	106	8.00	0.68	35.00	0.0	MS
24	8:12	241711465.7	166934.3	1006.9	0	23400.60	7.70	137.00	2.0	0.56	98	8.00	1.29	35.00	1.0	JS
25	8:00	241878400.0	149416.3	1006.9	0	23408.30	210706.70	135.00	1.0	0.77	90	8.00	0.66	34.00	0.5	MS
26	8:15	242027816.3	-242027816	1006.9	0	234115.00	-234115.00	134.00	134.0	0.90	82	82.00	1.50	33.50	33.5	JS
27			0	1006.9	0		0.00		0.0			0.00			0.0	
28			0	1006.9	-1006.9		0.00		0.0			0.00			0.0	
29			0		0		0.00		0.0			0.00			0.0	
30																
31																
TOT			-238256019				-23249			21.20			30.74			
AVE			-7941867				-775			0.79			1.14			
MAX			248023				210707			1.62			1.87			
MIN			-242027816				-234115			0.20			0.66			

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