



2323 Fourth Street, PO Box 483 Peru, IL 61354

Phone: 815-224-1650 Toll Free: 800-659-4659

www.testinc.com

July 8, 2023

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 May 2023 in Poplar Grove to improve the facilities equipment beyond required and routine maintenance, testing, inspection and reporting. At times we will also list upcoming needed improvements that may need attention by the Village.

Lift Stations:

- Cleaned all lift station floats and transducers.
- Ran and tested portable generators under load.
- Check all dialers to ensure they are working.
- Checked and cleaned out grease (that we can with our net).
- Collins came out and cleaned all of the grease out of the lift stations.
- Rick from Sable Mechanical came out to diagnose and repair a problem we were having with the main lift station. We also had to pull a main lift station pump because of rags.
- We had a low-level float go bad at Oak Lawn lift station.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- Still waiting on parts for the screen.
- Decanted digesters.
- Tested all emergency wash stations.
- The warranty screen was installed and has been working great.
- Mike is being trained and getting up to speed quickly.
- We received our oil and barrel pump to make blower oil changes easy and less messy.

South WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- We changed all sampler tubing.



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- Cleaned and inspected brushes on influent screen.
- Transferred sludge to drying beds. We've been making a lot of headway on the sludge handling. I know we're doing it the old-fashioned way and not using the press, but we are having really good luck doing it this way and saving the village a lot of money on chemicals.
- The week after we had a pump short out of the south sand filter, the north sand filter broke a bolt in the carriage and wedged itself. Since it's going to be a bigger repair than a pump, we took the wastewater pump out of that sand filter and installed it in the other one. It is back in service now. During this time that we had both sand filters down, we may have gone over our daily limits for our DMR. We are not in violation and are already back in compliance.
- Tested all emergency wash stations.
- Decanted digesters.

Water System:

- Cleaned well houses.
- Weed trimmed all weeds around well houses.
- We have had a lot of water testing due this year. It's just in its cycle. Everything has been well within limits and there are no issues.
- All required EPA testing has been done.

All operations and plant inspections have been performed by me or under my direct supervision. As always, if you have any questions concerning the above, please do not hesitate to contact me.

Submitted by,
Total Environmental Service Technologies, Inc.

Ion Stear
Certified Operator/Manager

DMR Copy of Record

Permit

Permit #:	IL0023451	Permittee:	POPULAR GROVE, VILLAGE OF	Facility:	POPULAR GROVE - NORTH WWTP, VILLAGE OF
Major:	No	Permittee Address:	200 NORTH HILL STREET POPULAR GROVE, IL 61065	Facility Location:	205 EDSON RD POPULAR GROVE, IL 61065
Permitted Feature:	001 External Outfall	Discharge:	001-0 STP OUTFALL		

Report Dates & Status

Monitoring Period:	From 05/01/23 to 05/31/23	DMR Due Date:	06/25/23	Status:	Not DMR Validated
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Considerations for Form Completion

BOW ID: W0070150007; DMF LOAD LIMITS DISPLAYED MONITORING LOCATION *1* IS MONTHLY AVERAGE AND DAILY MAXIMUM MONITORING LOCATION *8* IS FOR WEEKLY AVERAGE.

Principal Executive Officer

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

No Data Indicator (NDDI)

Form NDDI:					
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Code	Parameter Name	Monitoring Location	Seasonal Param. NDDI	Sample Permit Req.	Value NDDI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-												
				Sample												
				Permit Req.												
				Value NDDI												
00400	pH	1 - Effluent Gross	0	-												
				Sample												
				Permit Req.												
				Value NDDI												
X 00530	Solids, total suspended	1 - Effluent Gross	0	-												
				Sample												
				Permit Req.												
				Value NDDI												
00610	Nitrogen, ammonia total [ae N]	1 - Effluent Gross	0	-												
				Sample												
				Permit Req.												
				Value NDDI												
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-												
				Sample												
				Permit Req.												
				Value NDDI												
50060	Chlorine, total residual	1 - Effluent Gross	0	-												
				Sample												
				Permit Req.												
				Value NDDI												
74055	Coliform, fecal general	1 - Effluent Gross	0	-												
				Sample												
				Permit Req.												
				Value NDDI												
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-												
				Sample												
				Permit Req.												
				Value NDDI												

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

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00530	Solids, total suspended	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

We are waiting for parts for a sand filter, once installed the TSS will return to well below max value.

Attachments

No attachments

Report Last Saved By

POPULAR GROVE, VILLAGE OF

User:

IONSTEAR

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

Ion Stear

istear@tesinc.com

2023-06-26 10:36 (Time Zone: -05:00)

IONSTEAR

Ion Stear

istear@tesinc.com

2023-06-26 10:37 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #: **IL0023451** Major: **No** Permittee: **POPLAR GROVE, VILLAGE OF** Facility Location: **POPLAR GROVE - NORTH WWTP, VILLAGE OF 205 EDSON RD, POPLAR GROVE, IL 61065**

Permitted Feature: **INF Influent Structure** Discharge: **INF-1 INFLUENT MONITORING**

Report Dates & Status: **Monitoring Period: From 05/01/23 to 05/31/23** Status: **NetDMR Validated**

Considerations for Form Completion: **BOW ID: W0070150007**

Principal Executive Officer: **Ion Stear** Title: **Certified Operator** Telephone: **815-224-1650**

First Name: **Ion** Last Name: **Stear**

No Data Indicator (NODI)

Form NODI: **00310 BOD, 5-day, 20 deg. C**

Code	Parameter Name	Monitoring Location	Season & Percent NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Perf Ex	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Perf Ex	Frequency of Analysis	Sample Type
00550	Solids, total suspended	G - Raw Sewage Influent	0	-	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Perf Ex	Frequency of Analysis	Sample Type
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Perf Ex	Frequency of Analysis	Sample Type

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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

abumgamer

Elsaine Bumgamer

abumgamer@iesinc.com

2023-06-21 14:50 (Time Zone: -05:00)

IONSTEAR

Ion Stear

istear@iesinc.com

2023-06-26 10:37 (Time Zone: -05:00)

Permit		IL0071447		Permittee:		POPLAR GROVE, VILLAGE OF		POPLAR GROVE SOUTH STP, VILLAGE OF							
Major:		Yes		Permittee Address:		200 S HILL ST POPLAR GROVE, IL 61065		Facility Location:							
Permitted Feature:		001 External Outfall		Discharge:		001-0 STP OUTFALL									
Report Dates & Status		From 05/01/23 to 05/31/23		DMR Due Date:		06/25/23		Status: Not DMR Validated							
Monitoring Period:		Considerations for Form Completion													
BOW ID: W007015006: DMF LOAD LIMITS DISPLAYED.															
Principal Executive Officer															
First Name:		Ion		Title:		Certified Operator		Telephone: 815-224-1850							
Last Name:		Sear													
No Data Indicator (NODI)															
Form NODI:															
Code	Parameter	Monitoring Location	Exceeds a Paym. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	9.571	=	32.743	26 - lbd	=	6.67	=	8.42	12 - SU	03DW - 3 Days Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	9.571	=	32.743	26 - lbd	=	6.67	=	8.42	12 - SU	03DW - 3 Days Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	9.571	=	32.743	26 - lbd	=	6.67	=	8.42	12 - SU	03DW - 3 Days Every Week	GR - GRAB
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	-	9.571	=	32.743	26 - lbd	=	6.67	=	8.42	12 - SU	03DW - 3 Days Every Week	GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	9.571	=	32.743	26 - lbd	=	6.67	=	8.42	12 - SU	03DW - 3 Days Every Week	GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	9.571	=	32.743	26 - lbd	=	6.67	=	8.42	12 - SU	03DW - 3 Days Every Week	GR - GRAB
00655	Phosphorus, total [as P]	1 - Effluent Gross	0	-	9.571	=	32.743	26 - lbd	=	6.67	=	8.42	12 - SU	03DW - 3 Days Every Week	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	9.571	=	32.743	26 - lbd	=	6.67	=	8.42	12 - SU	03DW - 3 Days Every Week	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	-	9.571	=	32.743	26 - lbd	=	6.67	=	8.42	12 - SU	03DW - 3 Days Every Week	GR - GRAB
74055	Coliform, fecal general	1 - Effluent Gross	0	-	9.571	=	32.743	26 - lbd	=	6.67	=	8.42	12 - SU	03DW - 3 Days Every Week	GR - GRAB
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	9.571	=	32.743	26 - lbd	=	6.67	=	8.42	12 - SU	03DW - 3 Days Every Week	GR - GRAB

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.

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:

2023-06-21 15:08 (Time Zone: -05:00)

Report Last Signed By

User:

IONSTEAR

Name:

Ion Stear

E-Mail:

istear@testinc.com

Date/Time:

2023-06-26 10:37 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #: **IL0071447** Permittee Address: **POPLAR GROVE VILLAGE OF 200 S HILL ST POPLAR GROVE, IL 61065** Facility Location: **POPLAR GROVE SOUTH STP, VILLAGE OF 12211 STATE ROUTE 76 POPLAR GROVE, IL 61065**

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

Report Dates & Status: **From 05/01/23 to 05/31/23** DMR Due Date: **06/25/23** Status: **NetDMR Validated**

Monitoring Period: **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: **0**

Code: **00310 BOD, 5-day, 20 deg. C** Monitoring Location: **G - Raw Sewage Influent** Seasonal Period: **0**

Code: **00530 Solids, total suspended** Monitoring Location: **G - Raw Sewage Influent** Seasonal Period: **0**

Code: **00585 Phosphorus, total [as P]** Monitoring Location: **1 - Effluent Gross** Seasonal Period: **0**

Code: **50050 Flow, in conduit or thru treatment plant** Monitoring Location: **G - Raw Sewage Influent** Seasonal Period: **0**

Code: **50050 Flow, in conduit or thru treatment plant** Monitoring Location: **G - Raw Sewage Influent** Seasonal Period: **0**

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Code: **50050 Flow, in conduit or thru treatment plant** Monitoring Location: **G - Raw Sewage Influent** Seasonal Period: **0**

VILLAGE OF POPLAR GROVE - NORTH
 FOR THE MONTH May-23
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070150
 MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 2		Hour Meter Well 3		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Free	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	
30-Apr	11:15	377209	0	100635	0	29996.20	0.00	128.00	0.0	1.46	60	0.00	0.75	43.00	0.0	DH
1-May	11:15	377385	133	100635	0	30004.00	7.50	124.00	1.0	0.75	50	2.00	0.45	42.25	0.3	DH
2-May	11:15	377518	131	100635	0	30011.50	6.50	123.00	1.0	0.86	48	4.00	0.64	42.00	0.5	DH
3-May	11:15	377649	135	100635	0	30018.00	6.70	122.00	1.0	0.90	44	6.00	0.76	41.50	0.5	DH
4-May	11:15	377784	140	100635	0	30024.70	6.40	121.00	2.0	1.85	38	6.00	0.87	41.00	1.0	DH
5-May	11:15	377924	134	100635	0	30031.10	7.20	119.00	1.0	1.43	32	4.00	1.22	40.00	0.0	DH
6-May	11:15	378058	185	100635	0	30038.30	8.20	118.00	3.0	1.33	28/100	6.00	1.18	40.00	1.0	DH
7-May	11:15	378223	217	100635	0	30046.50	9.70	115.00	2.0	1.34	94	8.00	1.25	39.00	0.0	DH
8-May	11:15	378417	278	100635	0	30056.20	9.30	113.00	3.0	0.75	86	6.00	0.92	39.00	1.0	DH
9-May	11:15	378695	210	100635	0	30065.50	15.00	110.00	2.0	1.48	80	10.00	1.69	38.00	2.0	DH
10-May	11:15	378905	160	100635	0	30080.50	8.00	108.00	2.0	0.71	70	6.00	0.80	37.00	0.3	DH
11-May	11:15	378905	160	100635	0	30088.50	6.90	106.00	2.0	0.89	64	8.00	0.79	36.75	0.5	DH
12-May	11:15	379065	139	100635	0	30095.40	6.90	104.00	2.0	1.30	56	4.00	0.60	36.25	0.3	DH
13-May	11:15	379204	140	100635	0	30102.30	7.60	102.00	2.0	1.16	52	6.00	0.62	36.00	0.8	DH
14-May	11:15	379344	150	100635	0	30109.90	6.80	100.00	1.0	0.76	46	6.00	0.91	35.25	0.3	DH
15-May	11:15	379494	137	100635	0	30116.70	7.50	99.00	2.0	1.03	40	6.00	0.85	35.00	0.5	DH
16-May	11:15	379631	151	100635	0	30124.20	6.90	97.00	2.0	0.92	34	4.00	0.80	34.50	0.5	DH
17-May	11:15	379782	136	100635	0	30131.10	6.70	95.00	2.0	1.39	30	6.00	0.68	34.00	0.3	DH
18-May	11:15	379918	136	100635	0	30137.80	6.20	93.00	2.0	1.15	24/100	2.00	0.88	33.75	0.8	DH
19-May	11:15	380054	142	100635	0	30144.00	10.00	91.00	2.0	1.23	98	8.00	0.75	33.00	0.5	DH
20-May	11:15	380196	201	100635	0	30154.00	10.50	89.00	2.0	1.00	90	6.00	0.67	32.50	0.5	DH
21-May	11:15	380397	189	100635	0	30164.50	8.80	87.00	2.0	1.17	84	8.00	0.95	32.00	0.8	DH
22-May	11:15	380586	176	100635	0	30173.30	10.50	85.00	2.0	1.05	76	8.00	0.55	31.25	0.3	DH
23-May	11:15	380762	209	100635	0	30183.80	8.00	83.00	2.0	1.16	68	68.00	1.11	31.00	1.0	DH
24-May	11:15	380971	162	100635	0	30191.80	7.40	81.00	1.0	0.70	62	6.00	0.65	30.00	0.0	DH
25-May	11:15	381133	156	100635	0	30199.20	8.00	80.00	2.0	0.87	56	6.00	0.45	30.00	0.5	DH
26-May	11:15	381289	152	100635	0	30207.20	8.80	78.00	3.0	1.30	50	6.00	0.57	29.50	0.5	DH
27-May	11:15	381441	176	100635	0	30216.00	11.20	75.00	2.0	1.29	44	10.00	0.63	29.00	1.0	DH
28-May	11:15	381617	224	100635	0	30227.20	13.40	73.00	4.0	0.74	34	8.00	0.70	28.00	1.0	DH
29-May	11:15	381841	266	100635	0	30240.60	8.60	69.00	4.0	1.20	26	6.00	0.94	27.00	1.0	Mjh
30-May	11:15	382107	172	100635	0	30249.20	9.30	67.50	3.3	1.38	20	10.00	1.71	26.00	0.0	Mjh
31-May	11:15	382279	187	100635	0	30258.50	0.00	64.20	0.0	0.38	10/100		0.52	26.00	0.0	Mjh
1-Jun	11:15	382466	0	100635	0											
TOT			4937				245			34.93			26.86			
AVE			159				8			1.06			0.81			
MAX			278				15			1.85			1.71			
MIN			0				0			0.00			0.00			

SIGNATURE: 
 PHONE: 815-224-1650
 Jon Stear

VILLAGE OF POPLAR GROVE - WEST IL0070350
 FOR THE MONTH OF May-23 MONTHLY OPERATING REPORT
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

Date	Time	Flow Meter		Hour Meter Well 4		Chlorine Feed			Phosphate Feed			Fluoride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Scale	Ibs Used	Free	Scale	Ibs Used	PO4 mg/L	Scale	Ibs Used	
30-Apr	11:40	368693	0	8247.5	0	137.00	0.0	2.06	96	0.00	1.13	414.60	0.00	DH
1-May	11:40	368780	58	8249.52	1.33	134.00	1.0	1.46	90	4.00	1.11	413.00	1.10	JH
2-May	11:40	368838	59	8250.85	1.34	133.00	1.0	1.70	86	2.00	1.25	411.90	1.10	JH
3-May	11:40	368897	57	8252.19	1.31	132.00	2.0	1.30	84	4.00	1.09	410.80	1.20	DH
4-May	11:40	368954	57	8253.5	1.33	130.00	0.0	1.50	80	4.00	1.30	409.60	1.10	DH
5-May	11:40	369011	59	8254.83	1.17	130.00	1.0	1.44	76	2.00	1.26	408.50	1.20	DH
6-May	11:40	369070	89	8256	2	129.00	2.0	1.20	74	6.00	1.11	407.30	2.10	DH
7-May	11:40	369159	80	8258	2.05	127.00	1.0	1.18	68	6.00	1.16	405.20	1.40	DH
8-May	11:40	369239	68	8260.05	1.6	126.00	2.0	1.52	62	4.00	0.99	403.80	1.10	DH
9-May	11:40	369307	60	8261.65	1.39	124.00	1.0	1.42	58	4.00	2.26	402.70	1.10	DH
10-May	11:40	369367	59	8263.04	1.35	123.00	1.0	1.57	54	4.00	0.84	401.60	1.00	DH
11-May	11:40	369426	57	8264.39	1.32	122.00	2.0	1.53	50	2.00	0.76	400.60	1.10	DH
12-May	11:40	369483	56	8265.71	1.29	120.00	1.0	1.63	48	4.00	1.08	399.50	1.30	DH
13-May	11:40	369539	88	8267	2.1	119.00	1.0	2.00	44	6.00	1.29	398.20	1.30	DH
14-May	11:40	369627	143	8269.1	3.23	118.00	3.0	1.43	38	8.00	1.48	396.90	2.50	DH
15-May	11:40	369770	61	8272.33	1.46	115.00	2.0	1.33	30	4.00	1.09	394.40	1.10	DH
16-May	11:40	369831	59	8273.79	1.35	113.00	1.0	1.79	26/100	4.00	1.25	393.30	0.90	DH
17-May	11:40	369890	56	8275.14	1.3	112.00	1.0	2.17	96	4.00	1.46	392.40	1.00	DH
18-May	11:40	369946	73	8276.44	1.65	111.00	1.0	1.53	92	4.00	0.95	391.40	1.90	DH
19-May	11:40	370019	71	8278.09	1.68	110.00	2.0	1.33	88	4.00	1.16	389.50	0.90	DH
20-May	11:40	370090	91	8279.77	2.1	108.00	2.0	1.50	84	4.00	1.22	388.60	0.90	DH
21-May	11:40	370181	86	8281.88	1.98	106.00	1.0	1.28	80	6.00	1.33	386.80	1.60	DH
22-May	11:40	370267	60	8283.86	1.42	105.00	1.0	1.44	74	4.00	0.95	385.20	1.10	DH
23-May	11:40	370327	150	8285.28	2.46	104.00	2.0	2.00	70	6.00	1.97	384.10	1.70	DH
24-May	11:40	370417	84	8287.74	1.53	102.00	2.0	2.03	64	6.00	1.16	382.40	1.10	DHR
25-May	11:40	370501	62	8289.27	1.46	100.00	1.0	1.63	58	4.00	1.09	381.30	1.20	DH
26-May	11:40	370563	58	8290.73	1.34	99.00	2.0	2.00	54	2.00	1.62	380.10	1.00	
27-May	11:40	370621	91	8292.07	2.07	97.00	2.0	1.86	52	6.00	1.60	379.10	1.90	
28-May	11:40	370712	88	8294.18	2.05	95.00	1.0	2.00	46	6.00	1.89	377.20	1.70	
29-May	11:40	370800	93	8296.23	0	94.00	2.0	1.89	40	6.00	1.18	375.50	1.90	
30-May	11:40	370893	82	8298.38	0	92.00	2.0	1.52	34	5.00	2.02	373.60	1.70	
31-May	11:40	370979	76	8300.39	0	90.00	2.0	1.78	29	7.00	2.58	371.90	1.70	Mjh
1-Jun	11:40	371055	0	8302.01	0	88.00	0.0	1.23	22	0.00	1.54	370.20	0.00	
TOT			2255					53.25			44.17			
AVE			73					1.61			1.34			
MAX			150					2.17			2.58			
MIN			0					1.18			0.76			

SIGNATURE:  Jon Stear
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
 FOR THE MONTH OF May-23
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070300

MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 5		Hour Meter Well 6		Chlorine Feed		Phosphate Feed		PO4		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used	Scale	lbs Used	mg/L	Scale	lbs Used	Scale	
30-Apr	12:00	583930	88	4099.5	1.3	4757.95	0	133.00	0.0	46	0.00	0.75	423.20	2.00	DH	DH
1-May	12:00	584018	87	4100.8	1.4	4757.95	0	132.00	2.0	40	4.00	0.95	421.20	2.40	DH	
2-May	12:00	584105	70	4102.2	1	4757.95	0	130.00	1.0	36	2.00	0.89	418.80	1.60	DH	
3-May	12:00	584175	70	4103.2	1.1	4757.95	0	129.00	2.0	34	2.00	0.98	417.20	1.60	DH	
4-May	12:00	584245	87	4104.3	1.3	4757.95	0	127.00	1.0	32/100	4.00	0.80	415.60	2.20	DH	
5-May	12:00	584332	68	4105.6	1.1	4757.95	0	126.00	2.0	96	2.00	0.81	413.40	1.40	DH	
6-May	12:00	584400	88	4106.7	1.3	4757.95	0	124.00	2.0	94	4.00	0.76	412.00	2.00	DH	
7-May	12:00	584488	105	4108	1.6	4757.95	0	122.00	1.0	90	6.00	0.89	410.00	2.20	DH	
8-May	12:00	584593	69	4109.6	1.1	4757.95	0	121.00	1.0	84	4.00	0.75	407.80	1.60	DH	
9-May	12:00	584662	69	4110.7	1.1	4757.95	0	120.00	2.0	80	4.00	0.73	406.20	1.80	DH	
10-May	12:00	584731	87	4111.8	1.3	4757.95	0	118.00	2.0	76	2.00	1.22	404.40	1.00	DH	
11-May	12:00	584818	70	4113.1	1.1	4757.95	0	116.00	1.0	74	4.00	0.85	402.40	1.40	DH	
12-May	12:00	584888	51	4114.2	0.8	4757.95	0	115.00	1.0	70	4.00	0.99	401.00	1.20	DH	
13-May	12:00	584939	81	4115	1.2	4757.95	0	114.00	1.0	66	4.00	0.89	399.80	1.80	DH	
14-May	12:00	585020	73	4116.2	1.1	4757.95	0	113.00	2.0	62	4.00	0.86	398.00	1.60	DH	
15-May	12:00	585093	85	4117.3	1.3	4757.95	0	111.00	1.0	58	2.00	0.90	396.40	1.80	DH	
16-May	12:00	585178	68	4118.6	1.1	4757.95	0	110.00	1.0	56	4.00	0.56	394.60	2.00	DH	
17-May	12:00	585246	116	4119.7	1.8	4757.95	0	109.00	3.0	52	6.00	0.99	392.60	2.20	DH	
18-May	12:00	585362	83	4121.5	1.2	4757.95	0	106.00	1.0	46	4.00	1.38	390.40	2.00	DH	
19-May	12:00	585445	95	4122.7	1.1	4757.95	0	105.00	2.0	42	4.00	0.80	388.40	1.40	DH	
20-May	12:00	585550	70	4123.8	0	4757.95	0	103.00	2.0	38	6.00	1.15	387.00	2.40	DH	
21-May	12:00	585620	127	4125.4	2	4757.95	0	101.00	2.0	32	4.00	1.29	384.60	2.80	DH	
22-May	12:00	585747	88	4127.4	1.3	4757.95	0	99.00	2.0	28/100	2.00	0.97	381.80	2.00	DH	
23-May	12:00	585835	87	4128.7	1	4757.95	0	97.00	1.0	98	4.00	2.00	379.80	1.80	DH	
24-May	12:00	585922	86	4130.1	1.3	4757.95	0	96.00	2.0	94	4.00	1.28	378.00	2.00	DH	
25-May	12:00	586008	106	4131.4	1.6	4757.95	0	94.00	1.0	90	6.00	1.26	376.00	2.40	DH	
26-May	12:00	586114	90	4133	1.4	4757.95	0	93.00	2.0	84	4.00	0.80	373.60	2.00	DH	
27-May	12:00	586204	126	4134.4	2	4757.95	0	91.00	2.0	80	6.00	1.25	371.60	2.60	DH	
28-May	12:00	586330	127	4136.4	1.9	4757.95	0	89.00	2.0	74	6.00	1.07	369.00	3.00	DH	
29-May	12:00	586457	182	4138.3	2.8	4757.95	0	87.00	3.0	68	9.00	1.08	366.00	4.00	DH	
30-May	12:00	586639	109	4141.1	1.4	4757.97	0	84.00	1.0	59	9.00	1.68	362.00	2.20	Mjh	
31-May	12:00	586730	122	4142.5	1.9	4757.92	0	83.00	3.0	50	5.00	0.79	359.80	2.85	Mjh	
1-Jun	12:00	586852	0	4144.4	0	4757.95	0	80.00	30.0	45/100	0.00	1.45	357.00	0.00	Mjh	
TOT			2808				0					33.82				
AVE			91				0					1.02				
MAX			182				0					2.00				
MIN			31				0					0.56				

SIGNATURE:  Tom Stear

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VILLAGE OF POPLAR GROVE

FOR THE MONTH May-23

DAILY DISTRIBUTION MONITORING REPORT

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

Date	North System (Wells 2 & 3)				West System (Well 4)				South System (Wells 5 & 6)				Operator Initials	Slope Standard	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			Well #2	Well #3	Well #4	Well#5-6
1	Tower	0.83		0.57	Tower	1.25		1.09	Tower	1.37		1.19	DH					
2	Village	0.7		1.27	Gas	1.35		1.12	Tower	1.44		1.1	DH					
3	Elem	1.11		0.84	O.L.	0.4		0.76	Tower	1.26		0.98	DH					
4	Tower	0.95		0.89	Tower	1.21		1.12	Tower	1.15		1.03	DH					
5	F.H	0.75		1.24	Garage	1.3		1.07	Tower	1.19		1.17	DH					
6																		
7																		
8	Elem	1.19		1.78	Garage	1.07		0.95	Tower	1.29		1.06	DH					
9	Village	0.55		2	Tower	1.17		0.97	Tower	1.4		0.97	DH					
10	Tower	0.79		0.83	O.L	0.65		0.81	Tower	1.02		1.11	DH					
11	Elem	0.99		0.87	Gas	0.8		2	Tower	1.29		1.2	DH					
12	Village	0.5		1.33	Garage	1.25		1.27	Tower	1.25		1.09	DH					
13																		
14																		
15	F.H	0.79		1.19	O.L	1.03		1.2	Tower	1.17		0.99	DH					
16	Elem	1.19		0.81	Garage	1.29		1.16	Tower	1.03		1.09	DH					
17	F.H	0.98		0.96	Tower	1.26		1.01	Tower	0.97		1.19	DH					
18	Tower	1.42		0.65	Gas	1.01		0.92	Tower	0.99		0.97	DH					
19	Elem	0.99		0.8	O.L	0.87		0.73	Tower	1.22		0.91	DH					
20																		
21																		
22	Tower	1.09		0.7	Tower	1.39		0.96	Tower	1.12		1.21						
23	Village	0.73		1.39	Gas	1.11		1.04	Tower	1.07		1.85						
24	Elem	1.11		0.97	Garage	1.08		1.1	Tower	0.92		1.27						
25	F.H	0.6		1.37	O.L	0.68		0.75	Tower	1.02		1.3						
26	Tower	0.88		0.59	Tower	1.14		0.95	Tower	1.22		1.34						
27																		
28																		
29																		
30	Village	1.85		0.1	Gas	1.53		1.45	Tower	1.38		2.43	Mh					
31	PH	0.97		1.1	Garage	1.01		2.34	Tower	1.13		1.71	Mh					
1	Village	0.65		1.55	Tower	1.11		2.21	Tower	1.08		1.32	Mh					

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