



June 6, 2022

Client: Village of Poplar Grove
Attn: Don Sattler, Village President
200 Hill Street
P.O. Box 01
Poplar Grove, IL 61065

2323 Fourth Street
P.O. Box 483
Peru, Illinois 61354
815-224-1650
800-659-4659
FAX 815-224-1688

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 2022 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:

- Last month we put a “grease brick” in Woodstock Road to see if it helps break down the grease that gets sent there. It hasn’t done much and the grease in that area of town is pretty bad.

North WWTP:

- All standard monthly checks/maintenance/cleaning and producers were completed.
- Pulled all floats and transducers, cleaned rags off of them. This has been having to be done more than normal because of the screen being down.
- Tested the Disk Filter to ensure it still works as it should.
- Because of the screen being down, we are manually raking the bar screen.
- Screen from Sable Mechanical has been ordered and will be put in as soon as the panel comes in.
- Tested all emergency wash stations and portable generators.
- Cleaned EQ tanks.
- Cleaned UV channel.
- We had an actuator go bad for the decanter and have ordered one, but lead time is 60 weeks. We have looked for other options, but we’re limited.

South WWTP:

- All standard monthly checks/maintenance/cleaning and producers were completed.
- Had VFD replaced at the south plant for mixer. Waiting to hear on insurance to order any more so we can see what they will cover.
- Waiting on a start date for Sable to come and fix the plumbing in the lift station.
- We picked up the new gear boxes from Aqua Tec and will be putting the new one in service as soon as we can.
- Tested all emergency wash stations.
- Sent sludge to drying bed.
- Decanted digesters.

Water System:

- Cleaned well houses.
- Test ran Well 2 and 6 and adjusted chemicals to ensure if we have to use it, that it will work properly.
- All required EPA testing has been done.
- Had plumbing fixed in Well 4 for outside faucet.

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: IL0071447 Yes		Permittee: POPLAR GROVE, VILLAGE OF 200 S HILL ST POPLAR GROVE, IL 61065		Facility: POPLAR GROVE SOUTH STP, VILLAGE OF 12211 STATE ROUTE 76 POPLAR GROVE, IL 61065	
Permitted Feature: 001 External Outfall		Discharge: 001-0 STP OUTFALL		Status: NotDMR Validated	
Monitoring Location: 1 - Effluent Gross		Quantity in Loading: Qualifier 1 Value 1 Qualifier 2 Value 2		Quantity at Concentration: Qualifier 3 Value 3 Qualifier 4 Value 4	
Parameter: Oxygen, dissolved [DO]		Sample Permit Req Value NODI		Frequency of Analysis 03DW - 3 Days Every Week 03DW - 3 Days Every Week	
03300		0		19 - mg/L 19 - mg/L	
Parameter: pH		Sample Permit Req Value NODI		Frequency of Analysis 03DW - 3 Days Every Week 03DW - 3 Days Every Week	
00400		0		12 - SU 12 - SU	
Parameter: Solids, total suspended		Sample Permit Req Value NODI		Frequency of Analysis 03DW - 3 Days Every Week 03DW - 3 Days Every Week	
00530		0		19 - mg/L 19 - mg/L	
Parameter: Nitrogen, total [as N]		Sample Permit Req Value NODI		Frequency of Analysis 0130 - Monthly 0130 - Monthly	
00600		0		35.11 Req Mon DAILY MX	
Parameter: Nitrogen, ammonia total [as N]		Sample Permit Req Value NODI		Frequency of Analysis 03DW - 3 Days Every Week 03DW - 3 Days Every Week	
00610		0		0.253 4.7 DAILY MX	
Parameter: Nitrogen, ammonia total [as N]		Sample Permit Req Value NODI		Frequency of Analysis 03DW - 3 Days Every Week 03DW - 3 Days Every Week	
00610		0		0.2 3.6 WKLY AVG	
Parameter: Phosphorus, total [as P]		Sample Permit Req Value NODI		Frequency of Analysis 03DW - 3 Days Every Week 03DW - 3 Days Every Week	
00662		0		0.259 1.0 MO AVG	
Parameter: Flow, in conduit or thru treatment plant		Sample Permit Req Value NODI		Frequency of Analysis 9099 - Continuous 9099 - Continuous	
50050		0		0.44 Req Mon DAILY MX 03 - MGD	
Parameter: Chlorine, total residual		Sample Permit Req Value NODI		Frequency of Analysis CL0C - Chlorination Occurrences GR - GRAB CL0C - Chlorination Occurrences GR - GRAB	
50060		0		0.0 0.05 DAILY MX	
Parameter: BOD, carbonaceous [5 day, 20 C]		Sample Permit Req Value NODI		Frequency of Analysis 03DW - 3 Days Every Week 03DW - 3 Days Every Week	
80082		0		1.583 10.0 MO AVG	

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.

Edits 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:

ebungamer

Elaine Bungamer

ebungamer@testinc.com

2022-05-19 08:31 (Time Zone: -05:00)

IONSTEAR

Ion Stear

istear@testinc.com

2022-05-26 14:19 (Time Zone: -05:00)

DMR Copy of Record

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 78 POPLAR GROVE, IL 61065
Permitted Feature:	INF Influent Structure	Discharge:	INF-1 INFLUENT MONITORING	Status:	NotDMR Validated
Report Dates & Status	Monitoring Period: From 04/01/22 to 04/30/22 Considerations for Form Completion BOW ID: W0070150006 Principal Executive Officer First Name: Ion Last Name: Stear Title: Telephone: No Data Indicator (NODI) Form NODI:				
Parameter Name	Monitoring Location	Excursions & Permit NODI	Quantity or Concentration	Units	Frequency of Analysis
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	74.583 Req Mon MO AVG	19 - mg/L 19 - mg/L	03DW - 3 Days Every Week CP - COMPOS 03DW - 3 Days Every Week CP - COMPOS
00530 Solids, total suspended	G - Raw Sewage Influent	0	70.333 Req Mon MO AVG	19 - mg/L 19 - mg/L	03DW - 3 Days Every Week CP - COMPOS 03DW - 3 Days Every Week CP - COMPOS
00565 Phosphorus, total [as P]	1 - Effluent Gross	0	3.219 Req Mon MO AVG	19 - mg/L Req Mon DAILY MX	03DW - 3 Days Every Week CP - COMPOS 03DW - 3 Days Every Week CP - COMPOS
50050 Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	0.169 Req Mon MO AVG	03 - MGD Req Mon DAILY MX	9999 - Continuous 9999 - Continuous

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:

ebungamer

Name:

Elaine Bungamer

E-Mail:

ebungamer@testinc.com

Date/Time:

2022-05-16 11:21 (Time Zone: -05:00)

Report Last Signed By

User:

IONSTEAR

Name:

Ion Stear

E-Mail:

istear@testinc.com

Date/Time:

2022-05-26 14:19 (Time Zone: -05:00)

DMR Copy of Record

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 Exermal Outfall	Discharge:	001-0 STP OUTFALL		

Report Dates & Status	From 04/01/22 to 04/30/22	DMR Due Date:	05/28/22	Status:	Not DMR Validated
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Monitoring Period:
Considerations for Form Completion
BOW ID: W0070150007; DMF LOAD LIMITS DISPLAYED. MONITORING LOCATION "1" IS FOR MONTHLY AVERAGE AND DAILY MAXIMUM. MONITORING LOCATION "8" IS FOR WEEKLY AVERAGE.

Principal Executive Officer

First Name:	Ion	Title:	
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Last Name:	Stear	Telephone:	
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No Data Indicator (NODI)	
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Code	Parameter Name	Monitoring Location	Section	Permit NODI	Statute	Permit Req	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Qualifier 4	Value 4	Qualifier 5	Value 5	Qualifier 6	Value 6	Qualifier 7	Value 7	Qualifier 8	Value 8	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Statute	Permit Req	Value NODI																	02/DA - 2 Days Every Week	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Statute	Permit Req	Value NODI																	02/DA - 2 Days Every Week	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Statute	Permit Req	Value NODI																	02/DA - 2 Days Every Week	GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	Statute	Permit Req	Value NODI																	02/DA - 2 Days Every Week	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Statute	Permit Req	Value NODI																	02/DA - 2 Days Every Week	GR - GRAB
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Statute	Permit Req	Value NODI																	02/DA - 2 Days Every Week	GR - GRAB
60082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	-	Statute	Permit Req	Value NODI																	02/DA - 2 Days Every Week	GR - GRAB

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: ebumgamer

E-Mail: ebumgamer@festinc.com

Date/Time: 2022-05-16 11:16 (Time Zone: -05:00)

Report Last Signed By

User: IONSTEAR

Name:

Jon Stear

E-Mail:

istear@teslinc.com

Date/Time:

2022-05-26 14:19 (Time Zone: -05:00)

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
1. Influent Structure	1. Influent Structure	1. Influent Structure	1. Influent Structure

Report Dates & Status	DMR Due Date	Status
Monitoring Period: From 04/01/22 to 04/30/22	05/25/22	NetDMR Validated

Considerations for Form Completion

BOW ID: W0001030007
Principal Executive Officer

First Name:	Ion	Title:	
Last Name:	Stear	Telephone:	

 No Data Indicator (NODI) |[illegible]

003310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	—	Sample Permit Flow Value NODP	02DA - 2 Days Every Weak GP - COMPOS 02DA - 2 Days Every Weak GP - COMPOS 215-25 19 - mg/L 19 - mg/L 0	Req Mon MO AVG	160.25 Req Mon MO AVG	02DA - 2 Days Every Weak GP - COMPOS 02DA - 2 Days Every Weak GP - COMPOS 19 - mg/L 19 - mg/L 0
00530	Solids, total suspended	G - Raw Sewage Influent	0	—	Sample Permit Flow Value NODP	02DA - 2 Days Every Weak GP - COMPOS 02DA - 2 Days Every Weak GP - COMPOS 19 - mg/L 19 - mg/L 0	160.25 Req Mon MO AVG	02DA - 2 Days Every Weak GP - COMPOS 02DA - 2 Days Every Weak GP - COMPOS 19 - mg/L 19 - mg/L 0	
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	—	Sample Permit Flow Value NODP	03 - MGD Req Mon DAILY MX 03 - MGD	0.364 Req Mon MO AVG	0.198 Req Mon MO AVG	50099 - Continuous 50099 - Continuous 0

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

No attachments.

POPLAR GROVE. VILLAGE OF

Name: Elaine Bunn

Date/Time: 2022-05-16 11:16 (Time

Report Last Signed By

Name: _____
In Stear _____

Date/Time: 2022-05-28 14:10

DESIGN PRICES **1990-1991** **1992-1993** **1994-1995** **1996-1997** **1998-1999** **2000-2001** **2002-2003** **2004-2005** **2006-2007** **2008-2009** **2010-2011** **2012-2013** **2014-2015** **2016-2017** **2018-2019** **2020-2021** **2022-2023** **2024-2025** **2026-2027** **2028-2029** **2030-2031** **2032-2033** **2034-2035** **2036-2037** **2038-2039** **2040-2041** **2042-2043** **2044-2045** **2046-2047** **2048-2049** **2050-2051** **2052-2053** **2054-2055** **2056-2057** **2058-2059** **2060-2061** **2062-2063** **2064-2065** **2066-2067** **2068-2069** **2070-2071** **2072-2073** **2074-2075** **2076-2077** **2078-2079** **2080-2081** **2082-2083** **2084-2085** **2086-2087** **2088-2089** **2090-2091** **2092-2093** **2094-2095** **2096-2097** **2098-2099** **2100-2101** **2102-2103** **2104-2105** **2106-2107** **2108-2109** **2110-2111** **2112-2113** **2114-2115** **2116-2117** **2118-2119** **2120-2121** **2122-2123** **2124-2125** **2126-2127** **2128-2129** **2130-2131** **2132-2133** **2134-2135** **2136-2137** **2138-2139** **2140-2141** **2142-2143** **2144-2145** **2146-2147** **2148-2149** **2150-2151** **2152-2153** **2154-2155** **2156-2157** **2158-2159** **2160-2161** **2162-2163** **2164-2165** **2166-2167** **2168-2169** **2170-2171** **2172-2173** **2174-2175** **2176-2177** **2178-2179** **2180-2181** **2182-2183** **2184-2185** **2186-2187** **2188-2189** **2190-2191** **2192-2193** **2194-2195** **2196-2197** **2198-2199** **2200-2201** **2202-2203** **2204-2205** **2206-2207** **2208-2209** **2210-2211** **2212-2213** **2214-2215** **2216-2217** **2218-2219** **2220-2221** **2222-2223** **2224-2225** **2226-2227** **2228-2229** **2230-2231** **2232-2233** **2234-2235** **2236-2237** **2238-2239** **2240-2241** **2242-2243** **2244-2245** **2246-2247** **2248-2249** **2250-2251** **2252-2253** **2254-2255** **2256-2257** **2258-2259** **2260-2261** **2262-2263** **2264-2265** **2266-2267** **2268-2269** **2270-2271** **2272-2273** **2274-2275** **2276-2277** **2278-2279** **2280-2281** **2282-2283** **2284-2285** **2286-2287** **2288-2289** **2290-2291** **2292-2293** **2294-2295** **2296-2297** **2298-2299** **2300-2301** **2302-2303** **2304-2305** **2306-2307** **2308-2309** **2310-2311** **2312-2313** **2314-2315** **2316-2317** **2318-2319** **2320-2321** **2322-2323** **2324-2325** **2326-2327** **2328-2329** **2330-2331** **2332-2333** **2334-2335** **2336-2337** **2338-2339** **2340-2341** **2342-2343** **2344-2345** **2346-2347** **2348-2349** **2350-2351** **2352-2353** **2354-2355** **2356-2357** **2358-2359** **2360-2361** **2362-2363** **2364-2365** **2366-2367** **2368-2369** **2370-2371** **2372-2373** **2374-2375** **2376-2377** **2378-2379** **2380-2381** **2382-2383** **2384-2385** **2386-2387** **2388-2389** **2390-2391** **2392-2393** **2394-2395** **2396-2397** **2398-2399** **2400-2401** **2402-2403** **2404-2405** **2406-2407** **2408-2409** **2410-2411** **2412-2413** **2414-2415** **2416-2417** **2418-2419** **2420-2421** **2422-2423** **2424-2425** **2426-2427** **2428-2429** **2430-2431** **2432-2433** **2434-2435** **2436-2437** **2438-2439** **2440-2441** **2442-2443** **2444-2445** **2446-2447** **2448-2449** **2450-2451** **2452-2453** **2454-2455** **2456-2457** **2458-2459** **2460-2461** **2462-2463** **2464-2465** **2466-2467** **2468-2469** **2470-2471** **2472-2473** **2474-2475** **2476-2477** **2478-2479** **2480-2481** **2482-2483** **2484-2485** **2486-2487** **2488-2489** **2490-2491** **2492-2493** **2494-2495** **2496-2497** **2498-2499** **2500-2501** **2502-2503** **2504-2505** **2506-2507** **2508-2509** **2510-2511** **2512-2513** **2514-2515** **2516-2517** **2518-2519** **2520-2521** **2522-2523** **2524-2525** **2526-2527** **2528-2529** **2530-2531** **2532-2533** **25**

VILLAGE OF POPLAR GROVE - WEST
 FOR THE MONTH OF April 2022
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070350

MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 4		Chlorine Feed		Free	Phosphate Feed		PO4 mg/L	Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Scale	lbs Used		Scale	lbs Used		Scale	lbs Used	
31-Mar	06:30	343045		7658.59		91.00			93	3.00		370.10		JS
1-Apr	07:45	343088	44	7659.59	1	91.00	1.0	0.54	90	3.00	0.98	369.10	1.20	JS
2-Apr	08:25	343132	43	7660.59	0.99	90.00	0.0	0.76	87	3.00	1.06	367.90	1.40	JS
3-Apr	08:45	343175	45	7661.58	1.03	90.00	1.0	0.65	84	3.00	1.05	366.50	1.60	JS
4-Apr	08:50	343220	49	7662.61	1.09	89.00	1.0	0.66	81	3.00	0.90	364.90	1.10	JS
5-Apr	07:30	343269	28	7663.7	0.65	88.00	0.0	0.67	78	1.00	1.10	363.80	1.20	JS
6-Apr	07:35	343297	64	7664.35	1.5	88.00	0.5	0.64	77	5.00	1.06	362.60	1.50	JS
7-Apr	08:40	343361	44	7665.85	1.01	88.00	0.5	0.94	72	2.00	0.95	361.10	1.50	JS
8-Apr	07:05	343405	44	7666.86	1	87.50	0.0	0.81	70	1.00	1.32	359.60	1.10	JS
9-Apr	07:35	343449	55	7667.86	1.23	87.00	1.0	0.76	69	7.00	0.94	358.50	1.50	KL
10-Apr	08:40	343504	56	7669.09	1.32	87.00	1.0	0.65	62	1.00	1.06	357.00	2.00	KL
11-Apr	08:00	343560	61	7670.41	1.39	86.00	1.0	0.34	61*99	5.00	0.96	355.00	1.60	KL
12-Apr	07:25	343621	43	7671.8	1.01	85.00	1.0	0.72	94	2.00	0.95	353.40	2.30	JS
13-Apr	08:45	343664	23	7672.81	0.51	84.00	0.0	0.81	92	2.00	1.26	351.10	1.00	JS
14-Apr	06:00	343687	45	7673.32	1.02	84.00	0.0	1.74	90	5.00	1.15	350.10	0.50	JS
15-Apr	08:50	343732	50	7674.34	1.07	84.00	1.0	1.41	85	3.00	1.40	349.60	0.70	KL
16-Apr	08:45	343782	49	7675.41	1.19	83.00	1.0	0.79	82	2.00	1.17	348.90	1.70	JS
17-Apr	08:45	343831	50	7676.6	0.55	82.00	1.0	1.26	80	3.00	1.04	347.20	0.60	JS
18-Apr	07:45	343881	48	7677.15	1.7	81.00	1.0	1.04	77	4.00	1.12	346.60	2.60	JS
19-Apr	07:55	343929	193	7678.85	4.4	80.00	2.0	1.09	73	12.00	0.77	344.00	5.90	JS
20-Apr	07:15	344122	44	7683.25	1.05	78*160	1.0	0.66	61	2.00	1.19	338.1*439.5	1.70	KL
21-Apr	08:00	344166	49	7684.3	1.13	159.00	1.0	1.25	59	1.00	1.14	437.80	1.20	JS
22-Apr	07:00	344215	41	7685.43	1	158.00	1.0	1.30	58	5.00	1.20	436.60	1.70	KL
23-Apr	08:50	344256	47	7686.43	1.02	157.00	0.0	1.15	53	2.00	1.10	434.90	2.00	KL
24-Apr	08:45	344303	7	7687.45	1.53	157.00	0.0	1.75	51	6.00	1.22	432.90	1.00	KL
25-Apr	08:00	344310	104	7688.98	1.02	157.00	1.0	0.52	45*100	4.00	1.29	431.90	0.90	JS
26-Apr	07:45	344414	43	7690	0.99	156.00	1.0	0.74	96	4.00	1.13	431.00	1.30	JS
27-Apr	07:05	344457	43	7690.99	0.98	155.00	0.0	1.22	92	2.00	1.25	429.70	1.40	KL
28-Apr	07:30	344500	42	7691.97	0.99	155.00	2.0	2.18	90	3.00	1.37	428.30	1.60	JS
29-Apr	07:57	344542	48	7692.96	1.07	153.00	0.0	1.59	87	2.00	0.84	426.70	1.50	JS
30-Apr	08:35	344590	58	7694.03	1.34	153.00	0.0	0.75	85	4.00	1.04	425.20	2.00	JS
1-May	09:10	344648		7695.37		153.00		1.37	81		1.02	423.20		JS
TOT			1560					30.76			34.03			
AVE			52					0.99			1.10			
MAX			193					2.18			1.40			
MIN								0.34			0.77			

SIGNATURE:  Jon Stear
 PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - SOUTH
FOR THE MONTH OF April 2022
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		Free	Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used		Scale	lbs Used	Scale	lbs Used	
31-Mar	08:45	551625		3592.8		4560.20		113.50			99		412.80		JS
1-Apr	09:30	551687	70	3593.8	1.1	4560.20	0	113.00	1.0	0.95	95	4.00	412.80	1.60	JS
2-Apr	09:05	551757	52	3594.9	0.9	4560.20	0	112.00	1.0	1.16	91	2.00	411.20	0.80	JS
3-Apr	09:15	551809	78	3595.8	1.2	4560.20	0	111.00	1.0	1.10	89	5.00	410.40	1.80	JS
4-Apr	08:45	551887	75	3597	1.2	4560.20	0	110.00	1.0	0.98	84	4.00	408.60	1.40	JS
5-Apr	08:30	551962	52	3598.2	0.8	4560.20	0	109.00	1.0	1.04	80	4.00	407.20	1.00	JS
6-Apr	08:35	552014	59	3599	0.9	4560.20	0	108.00	1.0	1.07	76	2.00	406.20	1.00	JS
7-Apr	07:35	552073	77	3599.9	1.3	4560.20	0	107.00	1.0	1.15	74	4.00	405.20	1.40	JS
8-Apr	07:55	552150	51	3601.2	0.8	4560.20	0	106.00	1.0	1.19	70	7.00	403.80	0.80	KL
9-Apr	08:00	552201	72	3602	1.1	4560.20	0	105.00	1.0	1.21	63	3.00	403.00	1.80	KL
10-Apr	09:15	552273	83	3603.1	1.3	4560.20	0	104.00	1.0	1.01	60	4.00	401.20	1.40	KL
11-Apr	08:50	552356	52	3604.4	0.9	4560.20	0	103.00	1.0	0.90	56*100	2.00	399.80	1.20	JS
12-Apr	08:25	552408	204	3605.3	3.2	4560.20	0	102.00	3.0	1.08	98	12.00	398.60	4.00	JS
13-Apr	09:35	552612	53	3608.5	0.8	4560.20	0	99.00	1.0	1.09	86	4.00	394.60	0.60	JS
14-Apr	08:40	552665	69	3609.3	1.1	4560.20	0	98.00	1.0	1.12	82	3.00	394.00	1.20	KL
15-Apr	09:50	552734	76	3610.4	1.2	4560.20	0	97.00	1.0	1.06	79	5.00	392.80	1.40	JS
16-Apr	09:50	552810	70	3611.6	1.2	4560.20	0	96.00	2.0	0.91	74	4.00	391.40	1.60	JS
17-Apr	09:15	552880	71	3612.8	1.1	4560.20	0	94.00	0.0	1.04	70	5.00	389.80	1.20	JS
18-Apr	08:30	552951	73	3613.9	1.1	4560.20	0	94.00	1.0	1.11	65	5.00	388.60	1.20	JS
19-Apr	08:55	553024	59	3615	1	4560.20	0	93.00	1.0	1.03	60	3.00	387.40	1.90	JS
20-Apr	07:55	553083	57	3616	0.9	4560.20	0	92*160	1.0	1.10	57	4.00	385.8/460	1.00	JS
21-Apr	07:50	553140	77	3616.9	1.2	4560.20	0	159.00	1.0	1.34	53	3.00	459.00	1.80	JS
22-Apr	07:45	553217	53	3618.1	0.8	4560.20	0	158.00	1.0	1.56	50	2.00	457.20	0.80	KL
23-Apr	07:10	553270	88	3618.9	1.4	4560.20	0	157.00	1.0	1.24	48/100	2.00	456.40	1.80	KL
24-Apr	09:00	553358	70	3620.3	1.1	4560.20	0	156.00	1.0	1.50	98	7.00	454.60	1.20	KL
25-Apr	08:50	553428	77	3621.4	1.3	4560.20	0	155.00	2.0	1.39	91	5.00	453.40	1.20	JS
26-Apr	08:35	553505	77	3622.7	1.2	4560.20	0	153.00	0.0	1.20	86	4.00	452.20	1.40	JS
27-Apr	07:40	553582	70	3623.9	1.1	4560.20	0	153.00	1.0	1.13	82	3.00	450.80	1.60	KL
28-Apr	08:55	553652	70	3625	1.1	4560.20	0	152.00	1.0	1.28	79	4.00	449.20	1.40	JS
29-Apr	08:55	553722	52	3626.1	0.8	4560.20	0	151.00	1.0	0.98	75	2.00	447.80	1.20	JS
30-Apr	09:08	553774	77	3626.9	1.3	4560.20	0	150.00	1.0	1.36	73	5.00	446.60	1.40	JS
1-May	09:50	553851		3628.2		4560.20		149.00		1.17	68		445.20		JS
TOT			2164				0			35.45					
AVE			72				0			1.14					
MAX			204				0			1.56					
MIN			81				0			0.90					

SIGNATURE:  Jon Stear
PHONE: 815-224-1650

VILLAGE OF POPLAR GROVE - NORTH
FOR THE MONTH OF April 2022
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		Free	Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Reading	Hours	Scale	lbs Used		Scale	lbs Used	Scale	lbs Used	
31-Mar	06:15	317814379.2		10062.1		27035.9		105.00			100		20.25		JS
1-Apr	07:15	317934985.7	131837	10062.1	0	27041.8	6.60	104.00	1.0	0.94	96	5.00	20.25	0.25	JS
2-Apr	08:15	318066822.7	142691.1	10062.1	0	27048.4	7.10	103.00	1.0	1.06	91	6.00	20.00	0	JS
3-Apr	08:30	318209513.8	135767.7	10062.1	0	27055.5	6.70	102.00	1.0	1.11	85	5.00	20.00	0.25	JS
4-Apr	07:20	318345281.5	108893.2	10062.1	0	27062.2	5.40	101.00	2.0	1.07	80	5.00	19.75	0	JS
5-Apr	07:05	318454174.7	116575.4	10062.1	0	27067.6	5.80	99.00	1.0	0.96	75	4.00	19.75	0.5	JS
6-Apr	07:05	318570750.1	156144.5	10062.1	0	27073.4	7.80	98.00	1.0	0.99	71	9.00	19.25	0.5	JS
7-Apr	09:10	318726894.6	86118.6	10062.1	0	27081.2	4.30	97.00	1.0	0.86	62	2.00	18.75	0.25	JS
8-Apr	06:50	318813013.2	117710.7	10062.1	0	27085.5	5.70	96.00	2.0	0.91	60	7.00	18.50	0.5	KL
9-Apr	07:30	318930723.9	163589.4	10062.1	0	27091.2	8.10	94.00	2.0	1.12	53	4.00	18.00	1.0	KL
10-Apr	08:25	319094313.3	139315.2	10062.1	0	27099.3	7.00	92.00	1.0	1.20	49	8.00	17.00	0.5	KL
11-Apr	07:20	319233628.5	112466.8	10062.1	0	27106.3	5.50	91.00	0.0	0.98	41/100	4.00	16.50	0.5	JS
12-Apr	07:00	319346095.3	144967	10062.1	0	27111.8	7.20	91.00	2.0	1.00	96	5.00	16.00	0.75	JS
13-Apr	08:10	319491062.3	85765	10062.1	0	27119	4.30	89.00	1.0	1.32	91	3.00	15.25	0.25	JS
14-Apr	05:40	319576827.3	159651.2	10062.1	0	27123.3	7.90	88.00	2.0	0.96	88	9.00	15.00	0.5	KL
15-Apr	08:15	319736478.5	131319	10062.1	0	27131.2	6.60	86.00	1.0	1.00	79	6.00	14.50	0.5	JS
16-Apr	08:30	319867797.5	125777.6	10062.1	0	27137.8	6.20	85.00	1.0	1.10	73	6.00	14.00	1.0	JS
17-Apr	08:30	319933575.1	131730.3	10062.1	0	27144	6.50	84.00	2.0	0.96	67	6.00	13.00	0.0	JS
18-Apr	07:15	320125305.4	146042.9	10062.1	0	27150.5	7.20	82.00	1.0	0.89	61	6.00	13.00	0.75	JS
19-Apr	07:30	320271348.3	116139.5	10062.1	0	27157.7	5.80	81.00	1.0	0.94	55/100	3.00	12.25	1.0	JS
20-Apr	07:00	320387487.8	156663.5	10062.1	0	27163.50	7.80	80*160	1.0	0.99	97	7.00	11.25*51	0.5	KL
21-Apr	08:40	320544151.3	99713	10062.1	0	27171.30	4.90	159.00	1.0	1.10	90	3.00	50.50	0.5	JS
22-Apr	08:45	320643864.3	124583	10062.1	0	27176.20	6.20	158.00	1.0	1.28	87	7.00	50.00	0.0	KL
23-Apr	08:40	320768447.3	147736.9	10062.1	0	27182.40	7.30	157.00	1.0	1.56	80	2.00	50.00	1.0	KL
24-Apr	08:30	320916184.2	158420.5	10062.1	0	27189.70	7.90	156.00	2.0	1.60	78	11.00	49.00	1.0	KL
25-Apr	07:25	321074604.7	170357.2	10062.1	0	27197.60	8.40	154.00	2.0	1.17	67	8.00	48.00	1.0	JS
26-Apr	07:20	321244961.9	117745.3	10062.1	0	27206.00	5.80	152.00	2.0	0.72	59/100	2.00	47.00	0.0	JS
27-Apr	06:50	321362707.2	133412.3	10062.1	0	27211.80	6.70	150.00	1.0	1.18	98	8.00	47.00	1.0	KL
28-Apr	07:10	321496119.5	130423.6	10062.1	0	27218.50	6.40	149.00	1.0	0.98	90	5.00	46.00	0.75	JS
29-Apr	07:30	321626543.1	112870.3	10062.1	0	27224.90	5.60	148.00	1.0	0.96	85	5.00	45.25	0.3	JS
30-Apr	08:15	321739413.4	155981.5	10062.1	0	27230.50	8.20	147.00	2.0	1.06	80	6.00	45.00	1.0	JS
1-May	09:00	321895594.9		10062.1		27238.20		145.00		1.08	74		44.00		JS
TOT			3960409				197			33.05					
AVE			132014				7			1.07					
MAX			170357				8			1.60					
MIN			85763				4			0.72					

SIGNATURE:  Jon Stear
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VILLAGE OF POPLAR GROVE
 FOR THE MONTH OF April 2022
 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	1.0 mg/L Standard	Fluoride 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	Village	0.3		1.28	Garage	0.37		0.95	Tower	0.67		0.76	JS		0.64	0.60	0.41	
2															0.15	0.57	0.45	
3															0.13	0.56	0.19	
4	Elm	0.72		1.23	Gas Station	0.4		1.05	Tower	0.81		1.01	JS		0.13	0.41	0.40	
5	Tower	0.96		0.66	Tower	0.74		1.13	Tower	0.71		1	JS		0.16	0.78	0.59	
6	Tower	0.99		0.86	Tower	0.67		1.07	Tower	0.85		1.12	JS		1.20	0.81	0.58	
7	Village	0.24		1.16	Garage	0.55		1.17	Tower	0.64		0.97	JS		1.50	0.90	0.57	
8	Tower	0.91		1.28	Tower	0.81		1.32	Tower	0.8		1.38	KL		1.30	0.84	0.59	
9															0.87	0.96	0.65	
10															0.71	0.77	0.21	
11	Elm	0.72		1.13	Gas Station	0.19		1.06	Tower	0.72		0.77	JS		0.57	0.57	0.45	
12	Tower	1		0.76	Tower	0.97		0.81	Tower	0.72		0.79	JS		0.55	0.70	0.45	
13	Tower	1.32		0.86	Garage	0.48		1.98	Tower	1.3		1.41	JS		0.92	0.70	0.54	
14	Tower	0.96		0.82	Tower	1.74		1.15	Tower	0.78		1.2	KL		1.30	0.90	0.51	
15	Tower	1		0.93	Tower	1.6		1.35	Tower	0.81		1.01	JS		0.98	0.67	0.53	
16															0.74	0.83	0.66	
17															0.46	0.66	0.66	
18	Elm	0.63		1.55	Gas Station	0.36		1.24	Tower	0.77		0.83	JS		0.63	0.78	0.54	
19	Tower	0.94		0.84	Tower	1.18		1.01	Tower	0.7		0.41	JS		1.10	0.87	0.52	
20	Tower	0.99		0.71	Tower	0.73		1.46	Tower	0.78		1.03	JS		0.95	0.80	0.62	
21	Fire Station	0.47		1.58	Garage	0.48		1.44							0.73	0.77	0.57	
22	Tower	1.28		1.1	Tower	1.3		1.2							1.10	0.79	0.53	
23															0.91	0.72	0.72	
24															1.10	1.00	0.56	
25	Elm	0.7		1.58	Gas Station	0.33		1.28	Tower	0.83		1.1	JS		0.95	0.86	0.57	
26	Tower	0.72		0.91	Tower	0.69		0.83	Tower	0.77		2	JS		1.00	0.67	0.55	
27	Village	0.33		1.61	Garage	0.78		1.53	Tower	0.96		1.57	KL		0.80	0.96	0.48	
28	Tower	0.98		1.5	Tower	0.79		0.83	Tower	0.87		0.51	JS		0.78	0.79	0.62	
29	Tower	0.96		0.93	Tower	0.82		0.8	Tower	0.84		0.9	JS		1.00	0.71	0.60	
30															0.95	0.72	0.29	

Signature:  Ion Stear

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