



2323 Fourth Street, PO Box 483 Peru, IL 61354

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

www.testinc.com

March 8, 2023

Client: Village of Capron
Attn: Mayor Steve Bank
250 W. Main St.
Capron, IL 61012

Email: vcapronclerk@gmail.com

WW Plant Type: Activated sludge /SBR

Number of Site Inspections: 3 times per week by Certified Operator

Listed below are this month's analyses (based on average of 4 sampling events):

February Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	<107.25	<4.25
Total Suspended Solids, mg/l	131	7.75
pH, S.U. (max)		8.165
Ammonia Nitrogen, mg/l		0.209
Dissolved Oxygen, mg/l (min)		10.2775
Chlorine		
Fecal Coliform, #/100		

Plant Improvements

1. We have received and installed both wastewater pumps at the main lift station. Jason met with Ryan and has been updating our water maps with proper locations of valves and water mains. We found a water main that runs to Capron manufacturing that was not on any map. The Shed we built has been working out perfectly and as intended to keep valves from freezing. The Plants over all health has been good with the weather changes and the products we buy and use from Aqua fix are helping that along.
2. The IEPA has issued a new rule that by June 2024 you will need a Source Water Protection Plan. You can look to an engineer or IRWA for help with this.

Please notify TEST immediately when problems occur.

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.

Jon Stear
Manager

VILLAGE OF CAPRON
 Feb-23 MONTHLY OPERATING REPORT
 FOR THE MONTH OF
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

1L0070100

Date	Time	Flow Meter		Hour Meter Well 2	Chlorine Feed		Phosphate Feed		Flouride Feed		Operator	
		Reading	Pumpage		Scale	Ibs Used	Scale	Ibs Used	Scale	Ibs Used	Initials	Initials
31-Jan	08:00	513292		1660.9	291.10	17.2	213.7	2.00	267.30	0.00	JH	JH
1-Feb	08:00	513326	78	1661.9	282.80	17.2	212.8	2.00	267.10	0.2	JH	JH
2-Feb	08:00	513404	83	1664.2	265.60	20.0	210.8	2.40	266.90	0.6	JH	JH
3-Feb	08:00	513487	40	1666.7	245.60	5.7	208.4	1.10	266.30	0.1	JH	JH
4-Feb	08:00	513527	55	1667.9	239.90	12.8	207.3	1.30	266.20	0.1	JH	JH
5-Feb	08:00	513582	79	1669.6	227.10	20.5	206	2.10	266.10	0.4	JH	JH
6-Feb	08:00	513661	40	1672	206.6624.5	4.4	203.9	1.00	265.70	0.2	JH	JH
7-Feb	08:00	513701	56	1673.2	620.90	10.1	202.9	1.60	265.50	0.3	JH	JH
8-Feb	08:00	513757	78	1674.8	610.80	15.1	201.3	2.10	265.20	0.3	JH	JH
9-Feb	08:00	513835	37	1677.2	595.70	7.6	199.2	1.00	264.90	0.2	JH	JH
10-Feb	08:00	513872	38	1678.3	588.10	7.2	197.2	1.10	264.70	0.3	JH	JH
11-Feb	08:00	513910	82	1679.8	580.90	8.6	196.1	1.60	264.30	0.3	JH	JH
12-Feb	08:00	513952	60	1680.9	572.30	12.3	194.5	1.50	264.00	0.3	JH	JH
13-Feb	08:00	514012	59	1682.5	560.00	12.4	192	1.00	263.70	0.2	JH	JH
14-Feb	08:00	514071	35	1684.3	547.60	7.0	189.3	1.40	262.60	0.2	JH	JH
15-Feb	08:00	514106	99	1685.3	540.60	21.7	186	1.50	262.40	0.3	JH	JH
16-Feb	08:00	514205	86	1688.3	518.90	11.3	185	1.90	262.10	0.4	JH	JH
17-Feb	08:00	514240	35	1690.9	498.60	16.0	184.5	2.20	261.70	0.4	JH	JH
18-Feb	08:00	514291	78	1693.2	482.60	17.2	182.3	2.40	261.30	0.5	JH	JH
19-Feb	08:00	514369	81	1695.6	465.40	20.9	179.9	3.10	260.80	0.4	JH	JH
20-Feb	08:00	514450	80	1698	444.50	25.9	176.8	2.30	260.40	0.3	JH	JH
21-Feb	08:00	514530	110	1698	418.60	14.7	174.5	1.10	260.10	0.2	JH	JH
22-Feb	08:00	514640	79	1701.4	403.90	12.2	173.4	0.90	259.90	0.1	JH	JH
23-Feb	08:00	514719	34	1703.7	391.70	8.4	172.3	0.90	259.80	0.4	JH	JH
24-Feb	08:00	514753	38	1704.8	383.30	6.2	169.3	2.30	258.90	0.2	JH	JH
25-Feb	08:00	514795	35	1706	377.10	15.7	165	1.55	258.70	0.0	JH	JH
26-Feb	08:00	514830	78	1707.1	361.40	16.2	165	1.65	258.90	0.0	JH	JH
27-Feb	08:00	514908	89	1709.4	345.20	16.1	165	1.65	258.90	0.0	JH	JH
28-Feb	08:00	514990	72	1711.9	329.10		165		258.70	0.0	JH	JH
1-Mar	08:00	515062		1714								
TOT			1814				49.96					
AVE			65				1.67					
MAX			110				2.20					
MIN			34				0.00					

Ion Stear

SIGNATURE:
 PHONE: 815-560-7399

ILLAGE OF CAPRON
 2023 MONTHLY OPERATING REPORT
 FOR THE MONTH OF FEB.
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070100

Date	Time	Flow Meter		Hour Meter Well 3	Chlorine Feed		Phosphate Feed		Flouride Feed		Operator
		Reading	Pumpage		Scale	lbs Used	Scale	lbs Used	Scale	lbs Used	
31-Jan	08:15	37228388		13547	364.60		257.1		273.20		JH
1-Feb	08:15	37265012	40380	1355.8	355.50	9.8	255.2	2.10	272.90	0.4	JH
2-Feb	08:15	37305392	39704	1357.1	345.70	9.4	253.1	1.70	272.50	0.4	JH
3-Feb	08:15	37345096	33900	1358.3	336.30	7.9	251.4	1.90	272.10	0.4	JH
4-Feb	08:15	37378996	18628	1359.3	328.40	4.2	249.5	0.90	271.70	0.1	JH
5-Feb	08:15	37397624	38096	1359.9	324.20	8.7	248.6	0.10	271.60	0.4	JH
6-Feb	08:15	37435720	39776	1361	315.5/596.4	9.0	248.5	0.00	271.20	0.4	JH
7-Feb	08:15	37475496	16544	1362.2	587.10	4.2	248.5	1.40	270.80	0.1	JH
8-Feb	08:15	37492040	39712	1362.8	582.90	9.8	247.1	2.20	270.70	0.5	JH
9-Feb	08:15	37531752	38136	1364	573.10	9.6	244.9	2.10	270.20	0.4	JH
10-Feb	08:15	37569888	35232	1365.1	563.70	8.9	242.8	1.80	269.80	0.5	JH
11-Feb	08:15	37605120	34764	1366.2	554.80	8.8	241	1.80	269.30	0.2	JH
12-Feb	08:15	37639884	39952	1367.3	546.60	9.5	239.2	2.00	269.10	0.5	JH
13-Feb	08:15	37679836	39916	1368.5	537.10	9.7	237.2	2.00	268.20	0.2	JH
14-Feb	08:15	37719752	38748	1369.7	527.40	9.5	235.2	2.20	268.00	0.2	JH
15-Feb	08:15	37758500	12636	1370.9	517.90	3.1	233	0.70	267.80	0.4	JH
16-Feb	08:15	37771136	33924	1371.2	514.80	16.6	232.3	1.70	267.40	0.2	JH
17-Feb	08:15	37805060	35000	1372.3	503.30	11.5	230.6	2.27	267.00	0.4	JH
18-Feb	08:15	37840060	37064	1373.3	498.20	8.5	228.6	2.00	266.60	0.5	JH
19-Feb	08:15	37877124	36500	1374.5	489.70	8.6	226.6	2.00	266.10	0.4	JH
20-Feb	08:15	37913624	41580	1375.6	481.10	9.9	224.6	2.20	265.70	0.0	JH
21-Feb	08:15	37955204	14092	1376.8	471.20	3.5	222.4	0.70	265.70	0.4	JH
22-Feb	08:15	37969296	36952	1377.3	467.70	98.0	221.7	1.80	265.70	0.5	JH
23-Feb	08:15	38006248	35848	1378.4	458.90	8.6	219.9	1.80	265.30	0.5	JH
24-Feb	08:15	38042096	35072	1379.5	450.30	8.2	218.1	1.70	264.80	0.3	JH
25-Feb	08:15	38077168	34096	1380.5	442.10	7.6	216.4	0.00	264.50	0.5	JH
26-Feb	08:15	38111264	2248	1381.5	434.50	0.5	216.4	0.00	264.00	0.0	JH
27-Feb	08:15	38135152	39668	1381.7	434.00	8.9	216.4	0.00	264.00	0.5	JH
28-Feb	08:15	38153180	36132	1382.9	425.10	7.4	216.4	0.00	263.50	0.4	JH
1-Mar	08:15	38189312		1384	416.70		216.4		263.10		JH
TOT			924300								
AVE			33011								
MAX			41580								
MIN			2248								

Jon Stear

VILLAGE OF CAPRON
 FOR THE MONTH OF FEB. 2023
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070100

MONTHLY OPERATI

Date	Site #	Distribution		Operator Initials
		Free Cl ₂	Total PO ₄ Cl ₂	
1	WWTP	0.97	0.80	JH
2	Casey's	1.01	0.68	
3	155 shadowbrook dr	1.81	1.22	
4				
5				
6	WWTP	0.72	0.43	
7	155 shadowbrook dr	1.54	0.84	
8	Casey's	1.38	0.42	
9	WWTP	1.23	0.89	
10	Casey's	0.88	1.25	
11				
12				
13				
14	Casey's	1.39	0.92	
15	155 shadowbrook dr	1.44	0.99	
16	Casey's	1.02	0.80	
17	WWTP	1.26	0.89	
18	Public Works	1.45	1.01	
19				
20	Casey's	1.16	1.00	
21	155 shadowbrook dr	1.12	0.91	
22	WWTP	1.06	1.00	
23	Casey's	1.15	0.88	
24	Village Hall	1.24	1.11	
25				
26				
27	Casey's	1.14	0.99	
28	WWTP	0.99	1.02	
29				
30				
31				
1				



Signature: _____
 PHONE: 815-560-7399

Jon Stear

Village of Capron

Water Treatment & Distribution

Daily Fluoride Analysis

IL0070100

MONTHLY OPERATING REPORT

Month:		Year:		2023		2023		2023	
Date:	Slope	mg/L	Stand	Well 3	Well 2	Dist	Initial	Run date	
1	105%			0.47	0.39		JH	2/8/2023	
2	105%			0.45	0.48		JH	2/8/2023	
3	105%			0.56	1.6		JH	2/8/2023	
4	105%			0.5	0.4		JH	2/8/2023	
5	105%			0.48	0.39		JH	2/8/2023	
6	105%			0.51	2.8		JH	2/8/2023	
7	105%			0.51	0.73		JH	2/8/2023	
8	95%			0.48	0.52		JH	2/14/2023	
9	95%			0.47	0.36		JH	2/14/2023	
10	95%			0.48	0.39		JH	2/14/2023	
11	95%			0.47	0.35		JH	2/14/2023	
12	95%			0.46	0.34		JH	2/14/2023	
13	95%			0.42	0.28		JH	2/14/2023	
14	95%			0.65	1.2		JH	2/21/2023	
15	99%			0.66	0.59		JH	2/21/2023	
16	99%			0.51	0.61		JH	2/21/2023	
17	99%			0.6	0.42		JH	2/21/2023	
18	99%			0.59	0.42		JH	2/21/2023	
19	99%			0.59	0.43		JH	2/21/2023	
20	99%			0.46	0.41		JH	2/21/2023	
21	99%			0.44	0.84		JH	2/28/2023	
22	110%			0.43	0.4		JH	2/28/2023	
23	110%			0.43	1.2		JH	2/28/2023	
24	110%			0.45	0.5		JH	2/28/2023	
25	110%			0.46	0.38		JH	2/28/2023	
26	110%			0.46	0.41		JH	2/28/2023	
27	110%			0.45	0.49		JH	2/28/2023	
28	110%								
29									
30									
31									

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