

November 17, 2022



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

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

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):

October Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	140.25	<4
Total Suspended Solids, mg/l	125.5	7.25
pH, S.U. (max)		8.715
Ammonia Nitrogen, mg/l		0.081675
Dissolved Oxygen, mg/l (min)		7.985
Chlorine		
Fecal Coliform, #/100		TNTC

Plant Improvements

1. We should be receiving one of our new lift station pumps soon. We finished up our hydrant flushing. We did have some issues with main breaks on Wooster St. That main is in really rough shape. We also had an issue with a water leak where the bolting holding the valves together were loose. In that instance, we replaced all the bolts in the top of the valve. We are starting to get ready and change over to winter operations, so we hopefully don't have any freezing issues.

Please notify TEST immediately when problems occur.

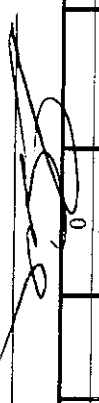
All operations and plant inspections have been performed by me or under my direct supervision. If you have any questions concerning the above, please do not hesitate to contact me.

Submitted by,
Total Environmental Service Technologies, Inc.

Ion Stear
Manager

VILLAGE OF CAPRON ILL0070100
 FOR THE MONTH OF OCT. 2022 MONTHLY OPERATING REPORT
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

Date	Time	Flow Meter		Hour Meter Well 2		Chlorine Feed			Phosphate Feed			Fluoride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Total	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	
30-Sep	08:00	505886	0	1436.6	0	565.90	0.0	0.00	296.1	0.00	0.00	201.90	0.2	JH
1-Oct	08:00	505922	38	1437.7	1.1	554.40	11.9	1.71	295.4	0.80	0.92	201.70	0.2	JH
2-Oct	08:00	505960	39	1438.8	1.2	542.50	11.8	2.18	294.6	1.00	0.88	201.50	0.3	JH
3-Oct	08:00	505999	65	1440	1.9	530.70	21.4	1.78	293.6	1.40	1.22	201.20	0.3	JH
4-Oct	08:00	506064	44	1441.9	1.4	509.30	14.1	2.40	292.2	0.00	1.30	200.90	0.0	JH
5-Oct	08:00	506108	56	1443.3	1.7	495.20	17.5	1.85	291.3	1.20	0.85	200.60	0.2	JH
6-Oct	08:00	506164	82	1445	2.5	477.70	24.7	1.92	290.1	1.90	0.83	200.40	0.6	JH
7-Oct	08:00	506246	36	1447.5	1.1	453.00	11.1	1.81	288.2	0.90	0.87	199.80	0.3	JH
8-Oct	08:00	506282	1	1448.6	0	441.90	1.0	1.67	287.3	0.00	0.89	199.50	0.0	JH
9-Oct	08:00	506283	79	1448.6	2.4	440.90	26.2	1.05	287.3	1.70	0.58	199.50	0.4	JH
10-Oct	08:00	506362	34	1451	1	414.70	11.3	0.53	285.6	0.60	1.13	199.10	0.1	JH
11-Oct	08:00	506396	74	1452	2.2	403.40	21.9	1.43	285	1.60	1.28	199.00	0.5	JH
12-Oct	08:00	506470	37	1454.2	1.1	381.50	13.3	2.20	283.4	0.90	1.33	198.50	0.3	JH
13-Oct	08:00	506507	76	1455.3	2.3	368.20	27.1	1.70	282.5	1.80	0.50	198.20	0.5	JH
14-Oct	08:00	506583	0	1457.6	0	341.10	1.4	1.88	280.7	0.00	1.29	197.70	0.0	JH
15-Oct	08:00	506583	37	1457.6	1.1	339.70	11.5	1.71	280.7	0.70	0.92	197.70	0.2	JH
16-Oct	08:00	506620	71	1458.7	2.2	328.20	23.9	1.68	280	1.50	0.96	197.50	0.4	JH
17-Oct	08:00	506691	68	1460.9	2	304.30	24.2	1.64	278.5	1.50	0.65	197.10	0.4	JH
18-Oct	08:00	506759	6	1462.9	1.9	280.10	20.8	2.25	277	1.20	1.22	196.70	0.3	JH
19-Oct	08:00	506820	75	1464.8	2.2	259.30	24.3	2.02	275.8	1.60	1.35	196.40	0.4	JH
20-Oct	08:00	506895	599	1467	19.1	851.69/626.4	114.6	1.65	274.2/265.8	8.40	0.92	196/300.9	2.3	JH
21-Oct	08:00	507494	75	1486.1	2.3	511.40	13.2	2.20	357.4	1.50	1.10	298.60	0.4	JH
22-Oct	08:00	507569	53	1488.4	1.6	498.20	8.4	1.09	355.9	1.10	0.90	298.20	0.3	JH
23-Oct	08:00	507622	64	1490	1.9	489.80	9.6	0.00	354.8	1.20	0.00	297.90	0.4	JH
24-Oct	08:00	507686	78	1491.9	2.3	480.20	10.9	1.17	353.6	1.60	0.94	297.50	0.5	JH
25-Oct	08:00	507761	43	1494.2	1.3	469.30	10.3	1.78	352	1.20	1.30	297.00	0.4	JH
26-Oct	08:00	507804	75	1495.5	2.3	459.00	19.5	1.45	350.8	1.40	1.96	296.60	0.5	JH
27-Oct	08:00	507879	76	1497.8	2.3	439.50	17.5	1.51	349.4	1.50	2.00	296.10	0.4	JH
28-Oct	08:00	507955	40	1500.1	1.2	422.00	9.0	1.37	347.9	0.80	1.66	295.70	0.2	JH
29-Oct	08:00	507995	37	1501.3	1.1	413.00	8.0	2.18	347.1	0.60	0.98	295.50	0.2	JH
30-Oct	08:00	508032	38	1502.4	1.2	405.00	7.8	2.16	346.5	0.80	0.84	295.30	0.2	JH
31-Oct	08:00	508070	45	1503.6	1.3	397.20	11.7	1.31	345.7	0.90	0.66	295.10	0.3	JH
1-Nov	08:00	508115	0	1504.9		385.50		1.99	344.8		1.35	294.80		JH
TOT			2096					53.27			33.58			
AVE			68					1.61			1.02			
MAX			599					2.40			2.00			
MIN			0					0.00			0.00			

SIGNATURE:  ION STEAR
 PHONE: 60-7399

VILLAGE OF CAPRON
FOR THE MONTH OF OCT. 2022 MONTHLY OPERATING REPORT
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070100

		Flow Meter		Hour Meter Well 3	Chlorine Feed			Phosphate Feed		Flouride Feed		Operator	
Date	Time	Reading	Pumpage	Reading Hours	Scale	lbs Used	Total	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
30-Sep	08:15	33021254	0	1226.9	548.30	0.0	0.00	302.4	0.00	0.00	319.00	0.0	JH
1-Oct	08:15	33054352	36030	1227.9	537.80	11.1	1.65	302.4	0.00	1.10	318.60	0.4	JH
2-Oct	08:15	33090382	35656	1229	526.70	11.1	2.04	302.4	0.30	0.68	318.20	0.4	JH
3-Oct	08:15	33126038	38568	1230.1	515.60	11.9	1.56	302.1	2.10	0.62	317.80	0.5	JH
4-Oct	08:15	33164606	35820	1231.3	503.70	11.7	1.58	300	1.60	2.33	317.30	0.3	JH
5-Oct	08:15	33200426	17744	1232.4	492.80	5.4	1.65	298.4	0.80	1.52	317.00	0.2	JH
6-Oct	08:15	33218170	38112	1232.9	487.40	11.2	2.08	297.6	1.80	1.06	316.80	0.4	JH
7-Oct	08:15	33256282	34810	1234.1	475.80	10.8	1.54	295.8	1.70	1.14	316.40	0.2	JH
8-Oct	08:15	33291092	35226	1235.1	465.00	10.8	1.50	294.1	1.60	1.22	316.20	0.5	JH
9-Oct	08:15	33326318	35526	1236.2	454.20	10.7	1.62	292.5	1.60	0.97	315.70	0.3	JH
10-Oct	08:15	33361844	37486	1237.3	443.50	11.4	1.61	290.9	1.60	1.72	315.40	0.3	JH
11-Oct	08:15	33399330	36934	1238.4	432.10	11.2	1.71	289.3	1.50	1.61	315.10	0.4	JH
12-Oct	08:15	33436264	38358	1239.5	420.90	11.7	1.53	287.8	1.70	1.31	314.70	0.6	JH
13-Oct	08:15	33474622	36020	1240.7	409.20	11.0	1.59	286.1	1.60	2.26	314.10	0.3	JH
14-Oct	08:15	33510642	35058	1241.8	398.20	10.6	1.80	284.5	1.40	1.65	313.80	0.4	JH
15-Oct	08:15	33545700	35408	1242.9	387.60	10.6	2.19	283.1	1.30	1.04	313.40	0.4	JH
16-Oct	08:15	33581108	36592	1243.9	377.00	10.0	2.02	281.8	1.50	1.19	313.00	0.5	JH
17-Oct	08:15	33617700	38676	1245	366.00	11.6	1.53	280.3	1.60	0.96	312.50	0.5	JH
18-Oct	08:15	33656376	26960	1246.2	354.40	8.0	1.56	278.7	0.00	1.68	312.00	0.0	JH
19-Oct	08:15	33683336	36864	1247	346.40	11.1	1.52	278.7	1.20	1.48	311.80	0.3	JH
20-Oct	08:15	33720200	0	1248.1	335.3/596	0.0	1.65	277.5/407.6	0.00	1.39	311.50	0.0	JH
21-Oct	08:15	33720200	0	1248.1	596.20	0.0	2.10	407.6	0.10	1.58	311.50	0.0	JH
22-Oct	08:15	33720200	36020	1248.1	596.20	10.9	1.72	407.5	1.50	1.00	311.50	0.4	JH
23-Oct	08:15	33756220	36948	1249.2	585.30	11.2	1.63	406	1.60	1.16	311.10	0.5	JH
24-Oct	08:15	33793168	35792	1250.3	574.10	10.7	1.72	404.4	0.00	1.20	310.60	0.4	JH
25-Oct	08:15	33828960	35464	1251.4	563.40	9.6	1.59	404.4	1.40	2.10	310.20	0.4	JH
26-Oct	08:15	33864424	0	1252.5	553.80	0.0	1.33	403	0.00	1.65	309.80	0.1	JH
27-Oct	08:15	33864424	36920	1252.5	553.80	12.0	1.22	403	0.00	0.72	309.70	0.4	JH
28-Oct	08:15	33901344	35052	1253.6	541.80	10.5	1.62	403	0.10	0.46	309.30	0.3	JH
29-Oct	08:15	33936396	34752	1254.7	531.30	10.5	2.05	402.9	0.00	0.78	309.00	0.4	JH
30-Oct	08:15	33971148	39256	1255.7	520.80	11.7	2.10	402.9	1.00	0.62	308.60	0.5	JH
31-Oct	08:15	34010404	36132	1256.9	509.10	10.8	1.68	401.9	1.30	1.27	308.10	0.5	JH
1-Nov	08:15	34046536		1258	498.30		1.68	400.6		1.04	307.60		JH
TOT			956052				54.37			40.51			
AVE			30840				1.65			1.23			
MAX			39256				2.19			2.33			
MIN			0				0.00			0.00			

SIGNATURE: _____
PHONE: 815-560- _____

Jon Stear

VILLAGE OF CAPRON

IL0070100

FOR THE MONTH OF OCT. 2022

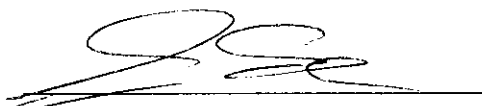
MONTHLY OPERATING REPORT

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

DIVISION OF PUBLIC WATER SUPPLIES

Date	Distribution				Operator Initials	Flouride Analysis		
	Site #	Free Cl ₂	Total Cl ₂	PO ₄		1.0 mg.L Standard	Well #1	Well #2
1								
2								
3	WWTP		0.98	0.76				
4	Caseys		0.79	0.98				
5	155 shadowbrook dr		1.14	1.26				
6	Caseys		0.74	0.95				
7	Public Works		1.20	1.02				
8								
9								
10	Caseys		1.68	1.29				
11	155 shadowbrook dr		1.10	0.95				
12	Caseys		1.25	0.82				
13	Village Hall		1.33	0.98				
14	WWTP		1.11	0.94				
15								
16								
17								
18	Caseys		0.88	1.12				
19	WWTP		1.05	1.63				
20	Caseys		1.32	0.70				
21	Public Works		2.20	0.90				
22								
23								
24	Caseys		0.88	0.91				
25	WWTP		1.11	0.85				
26	Caseys		1.01	0.75				
27	Public Works		1.47	1.05				
28	Caseys		1.07	0.76				
29								
30								
31	Caseys		1.01	0.38				
1	155 shadowbrook dr		1.10	0.88				

Signature:



Ion Stear

PHONE: 815-560-7399

Village of Capron

Water Treatment & Distribution

IL0070100

MONTHLY OPERATING REPORT

Daily Fluoride Analysis

Month: **October**

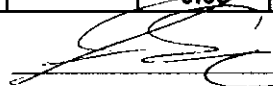
Year:

2022

Date:	Slope	mg/L Stand	Well 3	Well 2	Dist	Initial	Run date
1	113%		0.81	0.35		JH	10/4/2022
2	113%		0.51	0.98		JH	10/4/2022
3	113%		0.68	0.41		JH	10/4/2022
4	107%		0.67	0.43		JH	#####
5	107%		0.46	0.41		JH	#####
6	107%		0.48	0.36		JH	#####
7	107%		0.49	0.52		JH	#####
8	107%		0.48	0.45		JH	#####
9	107%		0.48	0.39		JH	#####
10	107%		0.45	0.42		JH	#####
11	96%		0.56	0.41		JH	#####
12	96%		0.6	0.39		JH	#####
13	96%		0.59	0.39		JH	#####
14	96%		0.54	0.49		JH	#####
15	96%		0.56	0.36		JH	#####
16	96%		0.57	0.39		JH	#####
17	96%		0.62	0.43		JH	#####
18	102%		0.39	0.19		JH	#####
19	102%		0.32	0.29		JH	#####
20	102%		0.37	0.3		JH	#####
21	102%		0.28	0.34		JH	#####
22	102%		0.33	0.31		JH	#####
23	102%		0.35	0.2		JH	#####
24	102%		0.4	0.33		JH	#####
25	89%		0.58	0.23		JH	11/1/2022
26	89%		0.63	0.96		JH	11/1/2022
27	89%		0.4	0.48		JH	11/1/2022
28	89%		0.59	0.5		JH	11/1/2022
29	89%		0.57	0.4		JH	11/1/2022
30	89%		0.52	0.4		JH	11/1/2022
31	89%		0.68	0.38		JH	11/1/2022

SIGNATURE:

PHONE: 815-224-1650



Jon Stear