



2323 Fourth Street, PO Box 483 Peru, IL 61354
Phone: 815-224-1650 Toll Free: 800-659-4659
www.testinc.com

February 9, 2023

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):

January Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	<120	<3.25
Total Suspended Solids, mg/l	148	4.5
pH, S.U. (max)		7.8475
Ammonia Nitrogen, mg/l		<0.1415
Dissolved Oxygen, mg/l (min)		9.065
Chlorine		
Fecal Coliform, #/100		

Plant Improvements

1. We received one of our new wastewater lift station pumps for the plant. The other is not far behind. We have installed it and it works good. We removed the big pump from there and put it back in storage where we keep it. We bought a cheap shed to build an enclosure around some valves that keep freezing to insure they're going to keep working.

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
 FOR THE MONTH OF Jan., 2023
 MONTHLY OPERATING REPORT
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070100

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	
31-Dec	08:00	511360	0	1602.7	0	261.60	0.0	0.00	270	0.00	0.00	277.50	0.0	JH
1-Jan	08:00	511378	109	1603.8	2.7	255.30	21.8	1.39	268.9	2.70	1.22	277.40	0.4	JH
2-Jan	08:00	511487	79	1606.5	2.4	233.50	18.9	1.47	266.2	2.40	1.28	277.00	0.5	JH
3-Jan	08:00	511566	72	1608.9	2.2	214.60	16.4	1.75	263.8	2.10	1.30	276.50	0.3	JH
4-Jan	08:00	511638	74	1611.1	2.2	198.20	19.6	1.40	261.7	2.20	1.41	276.20	0.5	JH
5-Jan	08:00	511712	76	1613.3	2.3	178.60	18.1	1.23	259.5	2.20	1.43	275.70	0.4	JH
6-Jan	08:00	511788	54	1615.6	1.6	160.5/621.9	1.5	1.48	257.3	1.50	1.26	275.30	0.4	JH
7-Jan	08:00	511842	38	1617.2	1.2	620.40	7.9	1.20	255.8	1.10	1.19	274.90	0.2	JH
8-Jan	08:00	511880	78	1618.4	2.3	612.50	16.0	1.40	254.7	2.30	0.82	274.70	0.4	JH
9-Jan	08:00	511958	52	1620.7	1.6	596.50	11.1	1.80	252.4	1.30	0.92	274.30	0.1	JH
10-Jan	08:00	512010	74	1622.3	2.2	585.40	15.6	1.62	251.1	2.10	0.98	274.20	0.3	JH
11-Jan	08:00	512084	76	1624.5	2.3	569.80	16.1	1.49	249	2.30	0.72	273.90	0.4	JH
12-Jan	08:00	512161	77	1626.8	2.4	553.70	16.3	1.91	246.7	2.40	0.83	273.50	0.5	JH
13-Jan	08:00	512238	37	1629.2	1.1	537.40	7.5	1.43	244.3	1.00	1.01	273.00	0.3	JH
14-Jan	08:00	512275	38	1630.3	1.1	529.90	8.4	1.91	243.3	1.20	0.60	272.70	0.2	JH
15-Jan	08:00	512313	76	1631.4	2.3	521.50	15.3	2.06	242.1	2.10	0.80	272.50	0.3	JH
16-Jan	08:00	512389	45	1633.7	1.4	506.20	10.3	1.53	240	1.30	1.00	272.20	0.2	JH
17-Jan	08:00	512434	80	1635.1	2.3	495.90	17.3	1.25	238.7	2.40	0.90	272.00	0.4	JH
18-Jan	08:00	512513	79	1637.4	2.5	478.60	17.6	1.17	236.3	2.40	0.54	271.60	0.4	JH
19-Jan	08:00	512592	38	1639.9	1.1	461.00	9.0	1.43	233.9	1.10	0.68	271.20	0.3	JH
20-Jan	08:00	512630	74	1641	2.2	452.00	17.5	1.18	232.8	2.30	1.61	270.90	0.4	JH
21-Jan	08:00	512704	34	1643.2	1	434.50	8.0	1.34	230.5	1.00	1.55	270.50	0.2	JH
22-Jan	08:00	512738	77	1644.2	2.3	426.50	19.8	1.28	229.5	2.30	1.30	270.30	0.5	JH
23-Jan	08:00	512815	35	1646.5	1.1	406.70	7.0	2.20	227.2	0.90	1.11	269.80	0.1	JH
24-Jan	08:00	512850	76	1647.6	2.3	399.70	15.7	2.00	226.3	2.10	1.12	269.70	0.4	JH
25-Jan	08:00	512926	89	1649.9	2.6	384.00	19.9	1.87	224.2	2.40	1.57	269.30	0.4	JH
26-Jan	08:00	513015	37	1652.5	1.1	364.10	16.0	1.37	221.8	1.20	0.84	268.90	0.4	JH
27-Jan	08:00	513052	56	1653.6	1.8	348.10	13.1	1.28	220.6	1.70	0.88	268.50	0.2	JH
28-Jan	08:00	513109	66	1655.4	1.9	335.00	16.7	1.89	218.9	1.90	0.90	268.30	0.3	JH
29-Jan	08:00	513175	37	1657.3	1.2	318.30	8.9	1.85	217	1.00	0.77	268.00	0.2	JH
30-Jan	08:00	513212	80	1658.5	2.4	309.40	18.3	1.76	216	2.30	0.53	267.80	0.5	JH
31-Jan	08:00	513292	34	1660.9	1	291.10	8.3	1.58	213.7	0.90	0.80	267.30	0.2	JH
1-Feb	08:00	513326		1661.9		282.80		1.57	212.8		0.45	267.10		JH
TOT			1913					50.09			32.32			
AVE			62					1.52			0.98			
MAX			109					2.20			1.61			
MIN			0					0.00			0.00			

SIGNATURE
 PHONE: 50-7399

Jon Stear

ILLAGE OF CAPRON
FOR THE MONTH (OF Jan.
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070100
2023 MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 3		Chlorine Feed			Phosphate Feed			Flouride Feed		Operator
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Total	Scale	lbs Used	P04 mg/L	Scale	lbs Used	Initials
31-Dec	08:15	36100884	0	1320.5	0	302.10	0.0	0.00	309.2	0.00	0.00	285.50	0.0	JH
1-Jan	08:15	36139748	37676	1321.6	1.2	292.10	9.5	1.65	307.4	1.80	0.85	285.00	0.5	JH
2-Jan	08:15	36177424	40492	1322.8	1.2	282.60	10.4	1.72	305.6	1.80	0.92	284.50	0.2	JH
3-Jan	08:15	36217916	40704	1324	1.3	272.20	10.3	1.47	303.8	1.90	0.72	284.30	0.5	JH
4-Jan	08:15	36258620	37540	1325.3	1.1	261.90	9.8	1.32	301.9	1.70	2.19	283.80	0.4	JH
5-Jan	08:15	36296160	39308	1326.4	1.2	252.10	10.2	1.51	300.2	1.80	1.36	283.40	0.3	JH
6-Jan	08:15	36335468	20636	1327.6	0.6	241.9/592.6	0.6	1.54	298.4	1.10	1.35	283.10	0.3	JH
7-Jan	08:15	36356104	34620	1328.2	1.1	592.00	10.0	1.01	297.3	0.10	1.29	282.80	0.4	JH
8-Jan	08:15	36390724	37184	1329.3	1.1	582.00	10.5	1.10	297.2	0.10	1.08	282.40	0.4	JH
9-Jan	08:15	36427908	25332	1330.4	0.8	571.50	6.9	1.01	297.1	0.00	1.01	282.00	0.3	JH
10-Jan	08:15	36453240	39564	1331.2	1.2	564.60	11.2	1.10	297.1	2.70	0.89	281.70	0.5	JH
11-Jan	08:15	36492804	39564	1332.4	1.1	553.40	10.1	1.70	294.4	1.70	1.11	281.20	0.4	JH
12-Jan	08:15	36530616	35864	1333.5	1.1	543.30	9.9	1.63	292.7	1.60	1.39	280.80	0.5	JH
13-Jan	08:15	36566480	36060	1334.6	1.1	533.40	9.6	2.17	291.1	1.80	1.03	280.30	0.4	JH
14-Jan	08:15	36602540	34624	1335.7	1.1	523.80	9.2	1.91	289.3	1.60	0.95	279.90	0.2	JH
15-Jan	08:15	36637164	36936	1336.8	1.1	514.60	9.4	2.00	287.7	1.80	1.62	279.70	0.5	JH
16-Jan	08:15	36674100	33352	1337.9	1	505.20	8.3	1.53	285.9	1.70	0.57	279.20	0.4	JH
17-Jan	08:15	36707452	39988	1338.9	1.2	496.90	105.0	1.49	284.2	2.10	1.00	278.80	0.4	JH
18-Jan	08:15	36747440	35980	1340.1	1.1	486.40	9.3	1.63	282.1	1.60	1.09	278.40	0.3	JH
19-Jan	08:15	36783420	40528	1341.2	1.2	477.10	10.4	1.55	280.5	2.10	1.16	277.50	0.6	JH
20-Jan	08:15	36823948	37440	1342.4	1.2	466.70	9.8	1.39	278.4	1.90	1.32	277.10	0.4	JH
21-Jan	08:15	36861388	36724	1343.6	1.1	456.90	9.2	1.42	276.5	1.80	1.40	276.70	0.5	JH
22-Jan	08:15	36898112	37620	1344.7	1.1	447.70	9.0	1.35	274.7	1.90	1.62	276.20	0.4	JH
23-Jan	08:15	36935732	37172	1345.8	1.2	438.20	9.4	1.70	272.8	1.80	0.87	275.80	0.4	JH
24-Jan	08:15	36972904	39556	1347	1.2	428.80	9.9	2.12	271	2.00	1.09	275.40	0.3	JH
25-Jan	08:15	37012460	25896	1348.2	0.8	418.90	6.4	2.19	269	1.40	0.22	275.10	0.4	JH
26-Jan	08:15	37038356	39168	1349	1.1	412.50	9.8	1.71	267.6	2.20	0.97	274.70	0.4	JH
27-Jan	08:15	37077524	36232	1350.1	1.1	402.70	9.3	1.75	265.4	1.80	0.89	274.30	0.2	JH
28-Jan	08:15	37113756	36216	1351.2	1.1	393.40	9.2	1.69	263.7	1.70	0.88	274.10	0.5	JH
29-Jan	08:15	37149972	36860	1352.3	1.2	384.20	9.1	1.57	262	2.40	0.78	273.60	0.4	JH
30-Jan	08:15	37186832	41556	1353.5	1.2	375.10	10.5	1.82	259.6	2.50	1.25	273.20	0.3	JH
31-Jan	08:15	37228388	36624	1354.7	1.1	364.60	10.1	1.46	257.1	1.90	0.75	272.90		JH
1-Feb	08:15	37265012		1355.8		355.50		1.65	255.2		1.30			JH
TOT			1090392					50.86			34.92			
AVE			35174					1.54			1.06			
MAX			41556					2.19			2.19			
MIN								0.00			0.00			

SIGNATURE:  Ion Stear
PHONE: 815-560-7

VILLAGE OF CAPRON
FOR THE MONTH OF Jan. 2023
IL0070100
MONTHLY OPERATI
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

Date		Distribution			
		Site #	Free Cl ₂	Total Cl ₂	PO ₄
Operator Initials					
1					
2	155 Shadowbrook dr		1.10	0.70	
3	Caseys		0.90	0.57	
4	WWTP		1.00	0.88	
5	Caseys		1.14	0.65	
6	WWTP		0.98	0.77	
7					
8					
9	WWTP		1.33	0.55	
10	Caseys		0.88	0.54	
11	Village Hall		1.01	0.89	
12	Caseys		1.00	0.75	
13	155 Shadowbrook dr		1.20	0.99	
14					
15					
16	Caseys		1.35	0.67	
17	WWTP		0.88	0.53	
18	Village Hall		1.59	0.70	
19	Caseys		1.37	1.20	
20	155 Shadowbrook dr		1.05	0.88	
21					
22					
23	WWTP		0.98	0.74	
24	Caseys		1.27	0.65	
25	WWTP		0.89	0.75	
26	155 Shadowbrook dr		1.88	0.91	
27	Caseys		1.12	0.90	
28					
29					
30	155 Shadowbrook dr		1.70	1.32	
31	Caseys		1.07	0.44	
1					

PHONE: 815-560-7399

Signature:

Ion Stear

Village of Capron

Water Treatment & Distribution

IL0070100

MONTHLY OPERATING REPORT

Daily Fluoride Anlysis

Month:	January	Year:		2023			
Date:	Slope	mg/L Stand	Well 3	Well 2	Dist	Initial	Run date
1	98%		0.4	0.54		JH	1/3/2023
2	98%		0.26	0.49		JH	1/3/2023
3	96%		0.57	0.35		JH	1/9/2023
4	96%		0.49	0.4		JH	1/9/2023
5	96%		0.51	0.44		JH	1/9/2023
6	96%		0.54	0.46		JH	1/9/2023
7	96%		0.47	0.38		JH	1/9/2023
8	96%		0.51	0.41		JH	1/9/2023
9	96%		0.54	0.65		JH	1/9/2023
10	96%		0.54	0.42		JH	1/16/2023
11	96%		0.57	1.4		JH	1/16/2023
12	96%		0.5	1.1		JH	1/16/2023
13	96%		0.55	0.45		JH	1/16/2023
14	96%		0.53	0.76		JH	1/16/2023
15	96%		0.54	0.44		JH	1/16/2023
16	96%		0.58	0.41		JH	1/16/2023
17	89%		0.58	0.23		JH	1/24/2023
18	89%		0.63	0.96		JH	1/24/2023
19	89%		0.4	0.48		JH	1/24/2023
20	89%		0.59	0.5		JH	1/24/2023
21	89%		0.57	0.4		JH	1/24/2023
22	89%		0.52	0.4		JH	1/24/2023
23	89%		0.68	0.38		JH	1/24/2023
24	86%		0.49	0.42		JH	2/1/2023
25	86%		0.49	0.92		JH	2/1/2023
26	86%		0.44	0.46		JH	2/1/2023
27	86%		0.51	0.4		JH	2/1/2023
28	86%		0.5	0.26		JH	2/1/2023
29	86%		0.47	0.24		JH	2/1/2023
30	86%		0.45	0.42		JH	2/1/2023
31	86%		0.5	0.46		JH	2/1/2023

SIGNATURE:

PHONE: 815-224-1650

Ion Stear