



2323 Fourth Street, PO Box 483 Peru, IL 61354

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

www.testinc.com

April 11, 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):

March Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	121.2	<4.4
Total Suspended Solids, mg/l	183.2	6.2
pH, S.U. (max)		8.004
Ammonia Nitrogen, mg/l		0.61968
Dissolved Oxygen, mg/l (min)		9.55
Chlorine		
Fecal Coliform, #/100		

Plant Improvements

1. Plant and well have been switched to summer operation. We have been working with Strand to update and improve our water maps. Plant is healthy and running good. We have been within permit for our testing. The CCR is done and will be on the next bill.
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.

Ion Stear
Manager

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

Date	Distribution				Operator Initials
	Site #	Free Cl ₂	Total Cl ₂	PO ₄	
1	WWTP		1.10	0.73	
2	Casey's		1.01	1.30	
3	155 shadowbrook dr		1.08	0.90	
4					
5					
6	Casey's		0.99	1.21	
7	Public works		1.23	1.01	
8	155 shadowbrook dr		1.05	0.89	
9	Casey's		1.12	0.97	
10	WWTP		1.00	0.87	
11					
12					
13	155 shadowbrook dr		1.05	0.89	
14	WWTP		1.22	0.78	
15	Casey's		1.08	0.93	
16	Village Hall		1.24	0.84	
17	Casey's		1.11	1.00	
18					
19					
20	Casey's		1.05	1.11	
21	155 shadowbrook dr		1.11	0.85	
22	WWTP		1.08	1.24	
23	Casey's		1.22	0.81	
24	WWTP		1.15	0.90	
25					
26					
27	155 shadowbrook dr		1.33	0.32	
28	Casey's		1.10	1.19	
29	Public works		1.15	0.89	
30	WWTP		1.01	0.88	
31	Casey's		1.04	0.79	
1					

Signature:  Ion Stear
 PHONE: 815-560-7399

ILLAGE OF CAPRON
 2023 MONTHLY OPERATING REPORT
 FOR THE MONTH OF MARCH
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 VISION OF PUBLIC WATER SUPPLIES

IL0070100

Date	Time	Flow Meter		Hour Meter Well 3		Chlorine Feed		Phosphate Feed		Elouride Feed		Operator
		Reading	Pumpage	Reading	Hours	Scale	Lbs Used	Scale	Lbs Used	Scale	Lbs Used	
28-Feb	08:15	38151180	0	1382.9	0	425.10	0.0	216.5	0.00	263.50	0.0	JH
1-Mar	08:15	38189312	40836	1384	1.2	416.70	10.2	216.4	2.70	263.10	0.4	JH
2-Mar	08:15	38230148	39820	1385.2	1.2	406.50	7.3	213.7	2.30	262.70	0.4	JH
3-Mar	08:15	38269968	38820	1386.4	1.2	397.20	7.5	211.4	2.20	262.30	0.5	JH
4-Mar	08:15	38308788	34792	1387.6	1	388.70	7.6	209.2	2.00	261.80	0.5	JH
5-Mar	08:15	38343580	36492	1388.6	1.2	381.10	8.1	207.2	2.30	261.30	0.4	JH
6-Mar	08:15	38380072	36512	1389.8	1.1	373.00	8.5	204.9	2.20	260.90	0.3	JH
7-Mar	08:15	38416584	36476	1390.9	1.1	364.50/591.4	8.6	202.7	2.20	260.60	0.4	JH
8-Mar	08:15	38453060	35924	1392	1.1	582.80	8.5	200.5	2.00	260.20	0.4	JH
9-Mar	08:15	38488984	35928	1393.1	1.1	574.30	8.8	198.5	2.00	259.80	0.5	JH
10-Mar	08:15	38524912	35328	1394.2	1	565.50	8.2	196.5	2.00	259.30	0.3	JH
11-Mar	08:15	38560240	34344	1395.2	1.1	557.30	7.8	194.5	1.90	259.00	0.4	JH
12-Mar	08:15	38594584	41372	1396.3	1.2	549.50	9.5	192.6	2.20	258.60	0.2	JH
13-Mar	08:15	38635956	36316	1397.5	1.1	540.00	9.4	190.4	1.70	258.40	0.4	JH
14-Mar	08:15	38707560	37004	1399.7	1.1	523.40	8.4	186.8	2.10	257.50	0.2	JH
15-Mar	08:15	38744564	27672	1400.8	0.8	515.00	6.3	184.7	1.60	257.00	0.3	JH
16-Mar	08:15	38772236	35064	1401.6	1.1	508.70	8.4	183.1	0.10	257.00	0.6	JH
17-Mar	08:15	38807300	35164	1402.7	1.1	500.30	9.1	183	1.70	256.40	0.2	JH
18-Mar	08:15	38842464	36360	1403.8	1.1	492.20	8.3	181.3	2.10	256.20	0.3	JH
19-Mar	08:15	38878824	39252	1404.9	1.2	483.90	9.2	179.2	2.10	255.90	0.4	JH
20-Mar	08:15	38918076	36048	1406.1	1.1	474.70	8.0	177.1	2.30	255.50	0.3	JH
21-Mar	08:15	38954124	34384	1407.2	1	466.70	8.0	174.8	1.90	255.20	0.3	JH
22-Mar	08:15	38988508	39752	1408.2	1.2	458.70	9.0	172.9	2.40	254.90	0.5	JH
23-Mar	08:15	39028260	4288	1409.4	0.2	449.70	1.1	170.5	0.00	254.40	0.0	JH
24-Mar	08:15	39032548	36124	1409.6	1.1	448.60	8.4	170.5	0.10	254.40	0.4	JH
25-Mar	08:15	39068672	35688	1410.7	1	440.20	8.2	170.4	0.50	254.00	0.4	JH
26-Mar	08:15	39104360	39740	1411.7	1.2	432.00	9.3	169.9	2.50	253.60	0.3	JH
27-Mar	08:15	39144100	34972	1412.9	1.1	422.70	8.2	167.4	2.10	253.30	0.4	JH
28-Mar	08:15	39179072	36824	1414	1.1	414.50	8.6	165.3	2.20	252.90	0.4	JH
29-Mar	08:15	39213896	39460	1415.1	1.2	405.90	9.1	163.1	2.30	252.60	0.4	JH
30-Mar	08:15	39253536	35012	1416.3	1.1	396.80		160.8		252.60	0.3	JH
31-Mar	08:15	39288408		1417.3		389.4		159		251.90		JH
1-Apr	08:15											
TOT			1026584				44.14			30.56		
AVE			34219							1.02		
MAX			41372				2.19			1.51		
MIN			0				0.00			0.00		

Jon Stear

VILLAGE OF CAPRON
FOR THE MONTH OF Mar-23 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		Flouride Feed		Operator	
		Reading	Pumpage	Reading	Hours	Scale	Ibs Used	Scale	Ibs Used	Scale	Ibs Used	Initials	Initials
28-Feb	08:00	514990	0	1711.9	0	345.20	0.0	0.00	167	0.00	258.90	0.2	JH
1-Mar	08:00	515062	41	1714	1.3	329.10	12.6	1.55	165	1.10	258.70	0.2	JH
2-Mar	08:00	515103	37	1715.3	1.1	316.50	9.3	1.61	163.9	1.00	258.50	0.3	JH
3-Mar	08:00	515140	74	1716.4	2.2	307.20	13.0	1.48	162.9	2.10	258.20	0.3	JH
4-Mar	08:00	515214	2	1718.6	0	294.20	2.7	2.00	160.8	1.45	257.90	0.0	JH
5-Mar	08:00	515216	79	1718.6	2.4	291.50	17.9	1.25	160.8	1.10	257.90	0.4	JH
6-Mar	08:00	515295	75	1721	2.2	273.60	14.8	1.45	158.6	2.10	257.50	0.3	JH
7-Mar	08:00	515370	41	1723.2	1.1	258.8/626.7	5.5	2.14	156.5	1.30	257.20	0.2	JH
8-Mar	08:00	515411	38	1724.3	1.3	621.20	6.9	2.06	155.2	1.00	257.00	0.3	JH
9-Mar	08:00	515449	74	1725.6	2.2	614.30	12.4	1.67	154.2	2.10	256.70	0.4	JH
10-Mar	08:00	515523	0	1727.8	0	601.90	0.7	2.02	152.1	0.00	256.30	0.0	JH
11-Mar	08:00	515523	36	1727.8	1.1	601.20	6.3	1.68	152.1	1.00	256.30	0.2	JH
12-Mar	08:00	515559	38	1728.9	1.1	594.90	7.3	1.81	151.1	1.20	256.10	0.3	JH
13-Mar	08:00	515597	79	1730	2.4	587.60	15.1	1.26	149.9	2.30	255.80	0.4	JH
14-Mar	08:00	515676	36	1732.4	1.1	572.50	6.4	1.53	147.6	1.00	255.40	0.1	JH
15-Mar	08:00	515712	80	1733.5	2.4	566.10	14.9	1.43	146.6	2.20	255.30	0.3	JH
16-Mar	08:00	515792	48	1735.9	1.4	551.20	8.8	1.47	144.4	1.40	255.00	0.3	JH
17-Mar	08:00	515840	61	1737.3	1.5	542.40	13.8	1.44	143	1.20	254.70	0.4	JH
18-Mar	08:00	515901	50	1738.8	1.8	528.60	9.2	1.89	141.8	2.20	254.30	0.3	JH
19-Mar	08:00	515951	40	1740.6	1.2	519.40	7.6	2.00	139.6	1.20	254.00	0.2	JH
20-Mar	08:00	515991	74	1741.8	2.2	511.80	12.2	1.41	138.4	2.10	253.80	0.2	JH
21-Mar	08:00	516065	37	1744	1.1	499.60	6.8	1.37	136.3	1.00	253.60	0.2	JH
22-Mar	08:00	516102	72	1745.1	2.2	492.80	12.9	1.34	135.3	2.30	253.40	0.3	JH
23-Mar	08:00	516174	45	1747.3	1.3	479.90	8.3	2.00	133	1.30	253.10	0.3	JH
24-Mar	08:00	516219	66	1748.6	2	471.60	13.6	1.53	131.7	2.00	252.80	0.3	JH
25-Mar	08:00	516285	27	1750.6	0.8	458.00	4.5	1.56	129.7	0.80	252.50	0.2	JH
26-Mar	08:00	516312	46	1751.4	1.3	453.50	9.0	2.00	128.9	1.30	252.30	0.2	JH
27-Mar	08:00	516358	50	1752.7	1.4	444.50	8.5	1.31	127.6	1.40	252.10	0.2	JH
28-Mar	08:00	516408	74	1754.1	2	436.00	10.7	2.00	126.2	1.80	251.90	0.3	JH
29-Mar	08:00	516472	61	1756.1	1.8	425.30	15.0	1.44	124.4	1.80	251.60	0.4	JH
30-Mar	08:00	516533	49	1757.9	1.2	410.30	7.0	2.00	122.6	1.30	251.20	0.2	JH
31-Mar	08:00	516582	39	1759.4		403.30	8.2	1.26	121.3	1.20	251.00	0.3	JH
1-Apr	08:00	516622		1760.6		397.3		1.65	120.1		250.70		JH
TOT			1481					47.70					
AVE			49					1.59					
MAX			80					2.14					
MIN			0					0.00					

Jon Steg

SIGNATURE:
PHONE: 815-560-7399

Village of Capron

Water Treatment & Distribution

Daily Fluoride Analysis

IL0070100

MONTHLY OPERATING REPORT

Month: MARCH		Year: 2023					
Date:	Slope	mg/L Stand	Well 3	Well 2	Dist	Initial	Run date
1	101%		0.5	0.51		DH	3/7/2023
2			0.52	0.29		DH	
3			0.52	1.8		DH	
4			0.53	0.44		DH	
5			0.57	1.2		DH	
6			0.58	1.2		DH	
7			0.66	0.79		DH	
8	104%		0.55	0.5		DH	3/14/2023
9			0.56	0.51		DH	
10			0.55	0.73		DH	
11			0.52	0.46		DH	
12			0.54	0.47		DH	
13			0.56	0.47		DH	
14			0.38	1.5		DH	3/21/2023
15	90%		0.43	0.42		DH	
16			0.44	0.53		DH	
17			0.39	0.39		DH	
18			0.4	0.25		DH	
19			0.4	0.22		DH	
20			0.48	0.42		DH	
21	93%		0.69	0.55		DH	3/28/2023
22			0.59	0.58		DH	
23			0.61	0.5		DH	
24			0.6	0.3		DH	
25			0.5	1.1		DH	
26			1.1	0.29		DH	
27			0.56	0.44		DH	
28	93%		0.57	0.3		DH	4/4/2023
29			0.57	0.29		DH	
30			0.57	0.28		DH	
31			0.56	0.48		DH	

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