



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

December 20, 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):

November Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	187.4	2.8
Total Suspended Solids, mg/l	254	7.4
pH, S.U. (max)		7.846
Ammonia Nitrogen, mg/l		0.0809
Dissolved Oxygen, mg/l (min)		8.94
Chlorine		
Fecal Coliform, #/100		

Plant Improvements

1. Put the wastewater plant into winter operation.
2. Set the tower to winter level so it cycles water through it more often to combat icing within the tower.
3. We have hired a new part-time employee, so you'll see him around with us.
4. All the treatment products we ordered from Aquafix have been helping.
5. We met with Ryan Wood from Strand Engineering and are looking to the future with planning and improvements.
6. Sable dropped off the rebuilt Wasting pump to have on hand as a spare.
7. Fall hydrant flushing was completed.
8. We have been talking with object controls to schedule to finish up the Scada upgrades.
9. Performed routine bower maintenance and the pre-filter we installed has been a help to lengthen the air filter life.

***Please be advised: this will be the last monthly letter unless there are any changes or notifications concerning your plant. Letters will be sent out quarterly from now on. If you have any questions or concerns, please don't hesitate to reach out or contact your operator.**

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 Nov-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	lbs Used	Scale	lbs Used	Scale	lbs Used	
31-Oct	08:00	529435		2145.2		491.60		188.5		233.60		JH
1-Nov	08:00	529455	58	2145.8	1.7	486.10	13.6	187.7	1.90	233.50	0.2	JH
2-Nov	08:00	529513	37	2147.5	1.2	472.50	8.6	185.8	1.20	233.30	0.2	JH
3-Nov	08:00	529550	1	2148.7	0	463.90	0.2	184.6	0.00	233.10	0.0	JH
4-Nov	08:00	529551	80	2148.7	2.4	463.70	16.4	184.6	2.40	233.10	0.0	mjh
5-Nov	08:00	529631	38	2151.1	1.2	447.30	10.3	182.2	1.40	232.80	0.0	mjh
6-Nov	08:00	529669	56	2152.3	1.6	437.00	13.1	180.8	1.80	232.60	0.3	JH
7-Nov	08:00	529725	103	2153.9	3.1	423.90	24.3	179	3.40	232.30	0.6	JH
8-Nov	08:00	529828	33	2157	1.1	399.60	8.6	175.6	1.20	231.70	0.3	JH
9-Nov	08:00	529861	63	2158.1	1.8	391.00	17.2	174.4	2.10	231.40	0.4	JH
10-Nov	08:00	529924	13	2159.9	0.4	373.80	5.1	172.3	0.50	231.00	0.1	JH
11-Nov	08:00	529937	37	2160.3	1.2	368.70	8.2	171.8	1.20	230.90	0.2	JH
12-Nov	08:00	529974	94	2161.5	2.8	360.50	22.6	170.6	3.10	230.70	0.5	JH
13-Nov	08:00	530068	38	2164.3	1.2	337.90	9.9	167.5	1.30	230.20	0.1	JH
14-Nov	08:00	530106	78	2165.5	2.3	328.00	19.0	166.2	2.60	230.10	0.5	JH
15-Nov	08:00	530184	70	2167.8	2.1	309.00	14.6	163.6	2.50	229.60	0.4	JH
16-Nov	08:00	530254	38	2169.9	1.1	294.40	9.8	161.1	1.30	229.20	0.1	JH
17-Nov	08:00	530292	36	2171	1.1	284.60	0.1	159.8	1.20	229.10	0.0	mjh
18-Nov	08:00	530328	20	2172.1	0.6	284.5/630.2	1.2	158.6	0.80	228.90	0.0	mjh
19-Nov	08:00	530348	80	2172.7	2.4	625.40	18.3	157.8	2.70	228.70	0.5	mjh
20-Nov	08:00	530428	53	2175.1	1.7	607.10	12.4	155.1	1.70	228.20	0.3	JH
21-Nov	08:00	530481	78	2176.8	2.3	594.70	17.1	153.4	2.40	227.90	0.5	JH
22-Nov	08:00	530559	37	2179.1	1.1	577.60	9.0	151	1.30	227.40	0.2	JH
23-Nov	08:00	530596	5	2180.2	0.1	568.60	3.4	149.7	0.20	227.20	0.1	mjh
24-Nov	08:00	530601	36	2180.3	1.1	565.20	8.7	149.5	1.40	227.10	0.2	mjh

VILLAGE OF CAPRON
 FOR THE MONTH OF NOV. 2023
 MONTHLY OPERATING REPORT
 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	Reading	Hours	Scale	lbs Used	Scale	lbs Used	Scale	lbs Used	
	08:15	47118108		1656		459		210.50		245.50		JH
1-Nov	08:15	47154605	41495	1657.1	1.3	445.2	15.8	210.50	0.00	245.10	0.5	JH
2-Nov	08:15	47196100	36056	1658.4	1.1	429.40	13.8	210.6	2.30	244.60	0.4	JH
3-Nov	08:15	47232156	35860	1659.5	1.1	415.60	13.5	208.3	2.30	244.20	0.5	JH
4-Nov	08:15	47268016	34976	1660.6	1.1	402.10	13.1	206	0.00	243.70	0.4	mjh
5-Nov	08:15	47302992	40260	1661.7	1.2	389.00	15.3	206	0.00	243.30	0.4	mjh
6-Nov	08:15	47343252	40000	1662.9	1.2	373.70	14.8	206	3.20	242.90	0.6	JH
7-Nov	08:15	47383252	0	1664.1	0	358.90	0.3	202.8	0.00	242.30	0.1	JH
8-Nov	08:15	47383252	35976	1664.1	1.1	358.60	13	202.8	2.60	242.20	0.4	JH
9-Nov	08:15	47419228	75592	1665.2	2.4	345.60	25.3	200.2	5.10	241.80	0.8	JH
10-Nov	08:15	47494820	35116	1667.6	1	320.30	12	195.1	2.30	241.00	0.4	JH
11-Nov	08:15	47529936	22856	1668.6	0.7	308.30	7.3	192.8	1.50	240.60	0.3	JH
12-Nov	08:15	47552792	0	1669.3	0	301.00	0	191.3	0.00	240.30	0.0	JH
13-Nov	08:15	47552792	0	1669.3	0	301.00	0	191.3	0.00	240.30	0.0	JH
14-Nov	08:15	47552792	36336	1669.3	1.1	301.00	11.6	191.3	2.40	240.30	0.3	JH
15-Nov	08:15	47589128	34824	1670.4	1.1	289.40	11.8	188.9	2.20	240.00	0.5	JH
16-Nov	08:15	47623952	39884	1671.5	1.2	277.60	12.40	186.7	2.40	239.50	0.5	JH
17-Nov	08:15	47663836	35276	1672.7	1.1	265.2/599.4	8.2	184.3	2.20	239.00	0.0	mjh
18-Nov	08:15	47699112	35832	1673.8	1.1	591.20	11.1	182.1	2.00	238.50	0.0	mjh
19-Nov	08:15	47734944	35164	1674.9	1.1	580.10	11.2	180.1	2.00	238.10	0.3	mjh
20-Nov	08:15	47770108	36388	1676	1.1	568.90	11.3	178.1	2.20	237.80	0.5	JH
21-Nov	08:15	47806496	0	1677.1	0	557.60	0.0	175.9	0.00	237.30	0.0	JH
22-Nov	08:15	47806496	36324	1677.1	1.1	557.60	10.9	175.9	2.10	237.30	0.5	JH
23-Nov	08:15	47842820	35576	1678.2	1.1	546.70	10.3	173.8	2.10	236.80	0.4	mjh
24-Nov	08:15	47878396	34580	1679.3	1	536.40	10.6	171.7	2.00	236.40	0.5	mjh

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

IL0070100

MONTHLY OPERATI

Date	Distribution				Operator Initials
	Site #	Free Cl ₂	Total Cl ₂	PO ₄	
1	Wwtp		1.07	0.98	
2	155 Shadowbrook dr		1.62	1.20	
3	Casey's		1.20	1.11	
4					
5					
6	Casey's		1.02	0.77	
7	Wwtp		0.65	0.78	
8	155 Shadowbrook dr		1.25	0.99	
9	Casey's		1.80	0.99	
10	VILLAGE HALL		1.12	1.20	
11					
12					
13	wwtp		1.25	1.00	
14	Casey's		1.11	0.89	
15	Public works		1.44	1.12	
16	VILLAGE HALL		1.65	1.20	
17	Casey's		1.19	0.99	
18					
19					
20	wwtp		1.87	1.06	
21	Casey's		1.67	1.05	
22	wwtp		1.09	0.98	
23					
24					
25					
26					
27	wwtp		1.21	1.86	

Village of Capron

IL0070100

Water Treatment & Distribution

MONTHLY OPERATING REPORT

Daily Fluoride Analysis

Month: NOVEMBER		2023									
Date:	Slope	mg/L Stand	Well 3	Well 2	Dist	Initial	Run date				
1	108%		0.7	0.33		dh	11/6/2023				
2	108%		0.68	0.52		dh	11/6/2023				
3	108%		0.62	2		dh	11/6/2023				
4	108%		0.65	0.49		dh	11/6/2023				
5	108%		0.62	2		dh	11/6/2023				
6	108%		0.68	0.52		dh	11/6/2023				
7	108%		0.58	0.31		dh	11/13/2023				
8	108%		0.46	0.33		dh	11/13/2023				
9	108%		0.65	0.45		dh	11/13/2023				
10	108%		0.48	0.4		dh	11/13/2023				
11	108%		0.56	0.47		dh	11/13/2023				
12	108%		0.63	0.6		dh	11/13/2023				
13	108%		0.62	0.67		dh	11/13/2023				
14	116%		0.56	0.49		dh	11/20/2023				
15	116%		0.48	0.76		dh	11/20/2023				
16	116%		0.6	0.33		dh	11/20/2023				
17	116%		0.59	0.66		dh	11/20/2023				
18	116%		0.61	0.47		dh	11/20/2023				
19	116%		0.57	0.48		dh	11/20/2023				
20	116%		0.62	0.33		dh	11/20/2023				
21	110%		0.64	1.3		dh	11/27/2023				
22	110%		0.51	1.1		dh	11/27/2023				
23	110%		0.78	1.5		dh	11/27/2023				
24	110%		0.66	0.39		dh	11/27/2023				
25	110%		0.66	0.4		dh	11/27/2023				
26	110%		0.68	0.57		dh	11/27/2023				
27	110%		0.73	0.64		dh	11/27/2023				
28	109%		0.59	0.51		DH	12/5/2023				
29	109%		0.43	0.33		DH	12/5/2023				
30	109%		0.47	1.4		DH	12/5/2023				
31											

SIGNATURE:
PHONE: 815-224-1650

Ion Stear