

October 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):

September Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	96.75	2.5
Total Suspended Solids, mg/l	117	6.25
pH, S.U. (max)		8.4525
Ammonia Nitrogen, mg/l		0.068475
Dissolved Oxygen, mg/l (min)		8.575
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 IL0070100
 FOR THE MONTH OF Sept. 2022
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 2		Chlorine Feed			Phosphate Feed			Fluoride Feed		Operator
		Reading	Pumpage	Reading	Hours	Scale	Ibs Used	Total	Scale	Ibs Used	PO4 mg/l.	Scale	Ibs Used	Initials
31-Aug	08:00	504502	0	1394.7	0	631.20	0.0	0.00	325	0.00	0.00	209.80	0.0	JH
1-Sep	08:00	504545	43	1396.9	2.3	607.80	23.4	2.50	323.7	1.40	0.82	209.50	0.3	JH
2-Sep	08:00	504575	0	1396.9	0	607.80	0.0	2.50	323.7	0.00	0.82	209.50	0.0	JH
3-Sep	08:00	504575	37	1396.9	1.1	607.50	12.7	1.92	323.7	0.80	0.83	209.50	0.3	JH
4-Sep	08:00	504612	36	1398	1.1	594.80	11.5	2.15	322.9	0.70	1.97	209.20	0.3	JH
5-Sep	08:00	504648	59	1399.1	1.8	583.30	19.3	1.64	322.2	0.10	0.89	208.90	0.3	JH
6-Sep	08:00	504707	76	1400.9	2.3	564.00	25.0	2.01	321.2	1.50	0.91	208.60	0.4	JH
7-Sep	08:00	504783	35	1403.2	1.1	539.00	12.1	2.50	319.7	0.60	0.95	208.20	0.1	JH
8-Sep	08:00	504818	39	1404.3	1.1	526.90	13.2	2.18	319.1	0.70	1.00	208.10	0.2	JH
9-Sep	08:00	504857	41	1405.4	1.3	513.70	14.1	1.14	318.4	0.70	1.49	207.90	0.3	JH
10-Sep	08:00	504898	37	1406.7	1.1	499.60	12.5	1.61	317.7	0.70	1.06	207.60	0.1	JH
11-Sep	08:00	504935	40	1407.8	1.2	487.10	12.9	1.58	317	1.10	0.92	207.50	0.6	JH
12-Sep	08:00	504975	76	1409	2.4	474.20	25.9	1.77	315.9	1.50	1.26	206.90	0.4	JH
13-Sep	08:00	505056	71	1411.4	2.2	448.30	25.2	2.17	314.4	1.30	0.84	206.50	0.3	JH
14-Sep	08:00	505127	40	1413.6	1.2	423.10	13.8	2.50	313.1	0.80	0.99	206.20	0.2	JH
15-Sep	08:00	505167	39	1414.8	1.2	409.30	14.8	1.83	312.3	0.70	0.82	206.00	0.2	JH
16-Sep	08:00	505206	39	1416	1.2	394.50	14.4	1.64	311.6	0.70	0.99	205.80	0.2	JH
17-Sep	08:00	505245	37	1417.2	1.1	380.10	13.7	1.95	310.9	0.80	0.93	205.60	0.2	JH
18-Sep	08:00	505282	77	1418.3	2.4	366.40	26.5	2.10	310.1	1.80	1.01	205.40	0.3	JH
19-Sep	08:00	505359	39	1420.7	1.1	339.90	13.5	1.98	308.3	0.90	0.86	205.10	0.3	JH
20-Sep	08:00	505398	34	1421.8	1.1	326.40	12.3	1.71	307.4	0.80	1.14	204.80	0.2	JH
21-Sep	08:00	505432	74	1422.9	2.3	314.10	30.2	2.10	306.6	1.90	1.07	204.60	0.5	JH
22-Sep	08:00	505506	39	1425.2	1.1	283.90	17.1	1.87	304.7	1.00	1.01	204.10	0.3	JH
23-Sep	08:00	505545	36	1426.3	1	266.80	12.2	1.75	303.7	0.80	1.00	203.80	0.3	JH
24-Sep	08:00	505581	38	1427.3	1.2	254.60	12.5	1.66	302.9	1.00	0.98	203.50	0.2	JH
25-Sep	08:00	505619	38	1428.5	1.2	242.10	27.5	1.88	301.9	0.90	1.05	203.30	0.3	JH
26-Sep	08:00	505657	92	1429.7	2.1	214.6	0.4	1.76	301	1.60	2.19	203.00	0.4	JH
27-Sep	08:00	505729	37	1431.8	1.1	614.50	11.2	2.00	299.4	0.80	1.02	202.60	0.2	JH
28-Sep	08:00	505766	53	1432.9	1.6	603.30	16.4	1.80	298.6	1.10	0.95	202.40	0.2	JH
29-Sep	08:00	505819	67	1434.5	2.1	586.90	21.0	2.20	297.5	1.40	1.35	202.20	0.3	JH
30-Sep	08:00	505886	36	1436.6	1.1	565.90	11.5	1.91	296.1	0.70	0.86	201.90	0.2	JH
1-Oct	08:00	505922	0	1437.7		554.40		1.71	295.4		0.92	201.70		JH
TOT			1405					60.02			32.90			
AVE			45					1.88			1.03			
MAX			92					2.50			2.19			
MIN			0					0.00			0.00			

SIGNATURE:
 PHONE: 815-560-7399

Jon Stear

TOWN OF CAPRON
 REPORT FOR THE MONTH OF Sept. 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			Flouride Feed		Operator
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Total	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
-Aug	08:15	31947462	0	1194.4	0	204.5/592.8	0.0	1.62	355.3	0.00	1.91	332.10	0.0	JH
Sep	08:15	32018988	71526	1196.6	2	564.20	28.0	1.72	351.5	5.80	1.27	331.20	0.9	JH
Sep	08:15	32018988	0	1196.6	0	564.20	0.0	1.72	351.5	0.00	1.27	331.20	0.0	JH
Sep	08:15	32055392	34646	1197.7	1	549.90	13.8	2.14	349.7	1.80	1.40	330.80	0.6	JH
Sep	08:15	32090038	33970	1198.7	1.1	536.10	13.7	2.10	347.9	1.80	1.10	330.20	0.4	JH
Sep	08:15	32124008	18424	1199.8	0.5	522.60	7.2	2.15	346.1	0.90	1.43	329.80	0.2	JH
Sep	08:15	32142432	40074	1200.3	1.2	515.40	15.6	1.73	345.2	1.90	1.31	329.60	0.5	JH
Sep	08:15	32182506	36628	1201.5	1.1	499.80	14.3	1.73	343.3	1.80	1.26	329.10	0.4	JH
Sep	08:15	32219134	35682	1202.6	1.1	485.50	14.2	1.85	341.5	1.80	1.37	328.70	0.5	JH
Sep	08:15	32254816	35314	1203.7	1.1	471.30	13.7	1.92	339.7	2.00	1.34	328.20	0.4	JH
-Sep	08:15	32290130	34216	1204.8	1	457.60	13.2	1.77	337.7	1.70	1.48	327.80	0.4	JH
-Sep	08:15	32324346	41668	1205.8	1.3	444.40	16.3	1.79	336	2.10	1.64	327.40	0.6	JH
-Sep	08:15	32366014	38864	1207.1	1.2	428.10	15.1	1.72	333.9	1.80	1.80	326.80	0.6	JH
-Sep	08:15	32404878	37558	1208.3	1.1	413.00	14.6	1.75	332.1	1.80	1.27	326.20	0.4	JH
-Sep	08:15	32442436	35818	1209.4	1.1	398.40	13.8	1.80	330.3	2.10	2.10	325.80	0.4	JH
-Sep	08:15	32478254	35988	1210.5	1.1	384.60	13.7	1.83	328.2	1.90	1.56	325.40	0.4	JH
-Sep	08:15	32514242	36064	1211.6	1.1	370.90	13.6	1.80	326.3	1.60	2.03	325.00	0.5	JH
-Sep	08:15	32550306	34858	1212.7	1	357.30	13.2	1.93	324.7	1.90	2.10	324.50	0.4	JH
-Sep	08:15	32585164	35286	1213.7	1.1	344.10	13.6	2.10	322.8	2.00	2.03	324.10	0.4	JH
-Sep	08:15	32620450	39426	1214.8	1.2	330.50	13.4	1.77	320.8	2.00	1.32	323.70	0.4	JH
-Sep	08:15	32659876	38438	1216	1.2	317.10	12.8	1.63	318.8	1.80	2.12	323.30	0.4	JH
-Sep	08:15	32698314	36984	1217.2	1.1	304.30	12.4	1.62	317	1.80	1.19	322.90	0.6	JH
-Sep	08:15	32735298	35744	1218.3	1.1	291.90	12.2	1.61	315.2	1.90	1.55	322.30	0.6	JH
-Sep	08:15	32771042	33606	1219.4	1	279.70	11.5	1.59	313.3	1.60	1.49	321.70	0.4	JH
-Sep	08:15	32804648	35550	1220.4	1.1	268.20	10.9	1.50	311.7	1.60	1.23	321.30	0.4	JH
-Sep	08:15	32840198	35556	1221.5	1	256.30	11.9	1.45	310.1	1.70	1.11	320.90	0.5	JH
-Sep	08:15	32875754	35880	1222.5	1.1	244.4/598.4	12.9	1.62	308.4	1.60	1.71	320.40	0.4	JH
-Sep	08:15	32911634	36990	1223.6	1.1	585.50	12.6	1.95	306.8	1.40	2.19	320.00	0.4	JH
-Sep	08:15	32948624	36602	1224.7	1.2	572.90	12.5	1.80	305.4	1.50	1.11	319.60	0.3	JH
-Sep	08:15	32985226	36028	1225.9	1	560.40	12.1	1.37	303.9	1.50	1.75	319.30	0.3	JH
-Sep	08:15	33021254	33098	1226.9	1	548.30	0.0	1.67	302.4	0.00	1.20	319.00	0.4	JH
-Oct	08:15	33054352		1227.9		537.80	0.0	1.65	302.4		1.10	318.60		JH
TOT			1070486					56.40			48.74			
AVE			34532					1.76			1.52			
MAX			71526					2.15			2.19			
MIN			0					1.37			1.10			

SIGNATURE: _____
 PHONE: 815-560-7399

VILLAGE OF CAPRON
 FOR THE MONTH OF SEPT. 2022
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

IL0070100
 MONTHLY OPERATING REPORT

Date	Site #	Distribution			Operator Initials
		Free Cl ₂	Total Cl ₂	PO ₄	
1	WWTP		0.91	0.88	
2	CASEYS		0.83	1.00	
3					
4					
5	WWTP		1.10	0.89	
6	155 shadowbrook dr		1.02	1.00	
7	CASEYS		0.88	1.21	
8	Villag Hall		1.25	0.98	
9	CASEYS		1.09	0.89	
10					
11					
12	CASEYS		1.36	1.03	
13	155 shadowbrook dr		1.11	1.00	
14	CASEYS		1.21	1.04	
15	WWTP		1.00	0.99	
16	155 shadowbrook dr		1.08	1.05	
17					
18					
19	155 shadowbrook dr		1.10	0.95	
20	CASEYS		1.04	1.08	
21	Villag Hall		1.25	1.13	
22	CASEYS		1.04	1.20	
23	WWTP		1.03	0.88	
24					
25					
26	CASEYS		1.24	1.19	
27	WWTP		1.33	1.32	
28	CASEYS		0.82	0.79	
29	Village Hall		1.33	0.99	
30	155 shadowbrook dr		1.77	1.17	
31					
1					

Signature: 
 PHONE: 815-560-7399

Ion Stear

Village of Capron

IL0070100

Water Treatment & Distribution

MONTHLY OPERATING REPORT

Daily Fluoride Analysis

Month:	SEPT.	Year:	2022				
Date:	Slope	mg/L Stand	Well 3	Well 2	Dist	Initial	Run date
1	113%		0.53	0.38		JH	9/7/2022
2	113%		0.44	0.64		JH	9/7/2022
3	113%		0.49	0.4		JH	9/7/2022
4	113%		0.53	0.44		JH	9/7/2022
5	113%		0.42	0.36		JH	9/7/2022
6	97%		0.53	0.41		JH	9/14/2022
7	97%		0.54	1.4		JH	9/14/2022
8	97%		0.58	0.5		JH	9/14/2022
9	97%		0.64	1.2		JH	9/14/2022
10	97%		0.55	0.4		JH	9/14/2022
11	97%		0.51	0.43		JH	9/14/2022
12	97%		0.5	0.38		JH	9/14/2022
13	88%		0.71	0.53		JH	9/21/2022
14	88%		0.74	0.45		JH	9/21/2022
15	88%		0.55	0.63		JH	9/21/2022
16	88%		0.62	0.47		JH	9/21/2022
17	88%		0.55	0.46		JH	9/21/2022
18	88%		0.5	0.51		JH	9/21/2022
19	88%		0.6	0.9		JH	9/21/2022
20	108%		0.47	0.75		JH	9/28/2022
21	108%		0.57	0.46		JH	9/28/2022
22	108%		0.55	1.2		JH	9/28/2022
23	108%		0.56	0.48		JH	9/28/2022
24	108%		0.55	0.41		JH	9/28/2022
25	108%		0.5	0.49		JH	9/28/2022
26	108%		0.53	0.5		JH	9/28/2022
27	113%		0.54	0.54		JH	10/4/2022
28	113%		0.54	0.39		JH	10/4/2022
29	113%		0.51	0.29		JH	10/4/2022
30	113%		0.51	0.46		JH	10/4/2022

SIGNATURE:

PHONE: 815-224-1650

Ion Stear