

September 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):

August Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	117.6	2
Total Suspended Solids, mg/l	115.2	<5.6
pH, S.U. (max)		8.478
Ammonia Nitrogen, mg/l		0.08536
Dissolved Oxygen, mg/l (min)		9.75
Chlorine		
Fecal Coliform, #/100		TNTC

Plant Improvements

1. We have started back up on our valve locating and excising program. We have ordered the new pumps for the main lift station and when those come in, we will have the last pump sent out for repair. We have gotten on a rebuild program with Aqua-fix to rebuild the plant after it was washed out during the rain event a couple of weeks ago. As of now, we are only running on one pump and the big trash pump is set up as a backup. We are only using that as necessary.

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

Ion
SM

VILLAGE OF CAPRON
FOR THE MONTH OF
Aug-22 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	
31-Jul	08:00	502594	111	1336.8	3.4	188.90	40.8	0.00	185.7	1.10	0.00	220.40	0.5	JH
1-Aug	08:00	502705	35	1340.2	1.1	148.10	13.6	2.11	183.6	0.60	0.97	219.90	0.2	JH
2-Aug	08:00	502740	111	1341.3	3	134.50	34.7	2.10	183	2.30	1.16	219.70	0.5	JH
3-Aug	08:00	502841	44	1344.3	1.4	99.8/600.3	9.6	1.36	180.7/357.4	1.00	1.30	219.20	0.3	JH
4-Aug	08:00	502885	77	1345.7	2.3	590.70	22.8	2.50	356.4	1.50	0.89	218.90	0.5	JH
5-Aug	08:00	502962	79	1348	2.4	567.90	24.3	2.50	354.9	0.00	1.10	218.40	0.0	JH
6-Aug	08:00	503041	35	1350.4	1.1	543.60	10.9	2.00	353.5	0.60	0.64	218.10	0.2	JS
7-Aug	08:00	503076	77	1351.5	2.3	532.70	22.9	2.00	352.9	1.70	0.61	217.90	0.6	JH
8-Aug	08:00	503151	78	1353.8	2.3	509.80	23.1	2.14	351.2	1.70	0.91	217.30	0.6	JH
9-Aug	08:00	503227	158	1356.1	4.6	486.70	39.9	2.00	349.5	2.90	0.83	216.70	0.8	JH
10-Aug	08:00	503385	0	1360.7	0	446.80	0.4	1.33	346.6	0.00	0.76	215.90	0.0	JH
11-Aug	08:00	503385	0	1360.7	2.4	446.40	20.6	1.48	346.6	1.30	0.75	215.90	0.4	JH
12-Aug	08:00	503464	79	1365.1	2.4	425.80	20.8	1.77	345.3	1.40	0.97	215.50	0.5	JH
13-Aug	08:00	503540	35	1365.5	1	405.00	8.6	2.10	343.9	0.60	0.92	215.00	0.1	JH
14-Aug	08:00	503575	76	1366.5	2.3	396.40	20.9	2.14	343.3	1.40	1.41	214.90	0.5	JH
15-Aug	08:00	503651	74	1368.8	2.3	375.50	20.3	1.95	341.9	1.50	0.80	214.40	0.4	JH
16-Aug	08:00	503726	33	1371.1	1.1	355.20	9.6	2.50	340.4	0.60	1.40	214.00	0.1	JH
17-Aug	08:00	503759	37	1372.2	1.1	345.60	10.6	1.95	339.8	0.70	0.89	213.90	0.1	JH
18-Aug	08:00	503796	74	1373.5	2.2	335.00	20.6	1.87	339.1	1.50	1.32	213.80	0.4	JH
19-Aug	08:00	503870	38	1375.5	1.2	314.40	11.2	1.75	337.6	0.80	0.75	213.40	0.2	JH
20-Aug	08:00	503908	55	1376.7	1.6	303.20	15.2	1.57	336.8	1.10	0.81	213.20	0.4	JH
21-Aug	08:00	503963	55	1378.3	1.7	288.00	15.6	1.57	335.7	1.00	1.34	212.80	0.3	JH
22-Aug	08:00	504018	75	1380	2.3	272.40	21.2	1.69	334.7	1.40	0.87	212.50	0.4	JH
23-Aug	08:00	504093	40	1382.3	1.2	251.20	11.8	2.50	333.3	0.70	1.30	212.10	0.1	JH
24-Aug	08:00	504133	77	1383.5	2.3	239.40	22.0	1.75	332.6	1.50	1.28	212.00	0.4	JH
25-Aug	08:00	504210	35	1385.8	1.1	217.40	10.5	2.16	331.1	0.60	0.94	211.60	0.3	JH
26-Aug	08:00	504245	37	1386.9	1.1	206.90	11.3	2.08	330.5	0.70	1.77	211.30	0.2	JH
27-Aug	08:00	504282	33	1388	1	195.60	9.2	2.16	329.8	0.70	1.20	211.10	0.2	JH
28-Aug	08:00	504315	59	1389	1.8	186.40	16.6	2.12	329.1	1.60	0.87	210.90	0.3	JH
29-Aug	08:00	504374	59	1390.8	1.6	169.80	16.9	2.50	327.5	1.10	0.74	210.60	0.4	JH
30-Aug	08:00	504428	74	1392.4	2.3	152.90	21.9	1.94	326.4	1.40	1.04	210.20	0.4	JH
31-Aug	08:00	504502	43	1394.7	2.2	131/631.2	23.4	1.31	325	1.30	0.79	209.80	0.3	JH
1-Sep	08:00	504545	0	1396.9	0	607.80	0.0	2.50	323.7	0.00	0.82	209.50		JH
TOT			1850					63.40			32.15			
AVE			60					1.92			0.97			
MAX			158					2.50			1.77			
MIN			0					0.00			0.00			

SIGN: RE:
PHO 15-560-7399

[Signature]

Tom Stear

VILLAGE OF CAPRON
FOR THE MONTH OF AUGUST 2022 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	Total	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
31-Jul	08:15	30833408	0	1160.7	0	102.50	0.0	0.00	265.6	0.00	0.00	161.10	0.0	JH
1-Aug	08:15	30838406	77354	1160.8	2.4	101.20	18.0	1.41	265.5	3.20	0.69	161.10	1.0	JH
2-Aug	08:15	30915760	36656	1163.2	1.1	83.20	9.5	0.92	262.5	1.30	1.60	160.10	0.3	JH
3-Aug	08:15	30952396	35992	1164.3	1.1	73.7/95	0.4	1.38	261/400.4	0.60	1.24	159.8/344.7	0.4	JH
4-Aug	08:15	30988388	37820	1165.4	1.1	594.60	16.6	0.57	399	1.40	1.26	344.50	0.5	JH
5-Aug	08:15	31026208	37972	1166.5	1.2	578.00	14.0	2.10	397.6	1.20	1.00	343.80	0.4	JH
6-Aug	00:00	31064180	36982	1167.7	1.1	564.00	13.4	2.00	396.4	1.20	0.69	343.40	0.6	JH
7-Aug	08:15	31101162	37304	1168.8	1.1	550.60	13.8	2.00	395.2	1.30	0.66	342.80	0.5	JH
8-Aug	08:15	31138466	36306	1169.9	1.1	536.80	13.6	1.63	393.9	1.30	0.79	342.30	0.5	JH
9-Aug	08:15	31174772	2	1171	0	523.20	0.1	1.62	392.6	0.00	0.97	341.80	0.0	JH
10-Aug	08:15	31174774	114914	1171	3.5	523.10	46.7	1.56	392.6	4.50	0.61	341.80	1.5	JH
11-Aug	08:15	31289688	0	1174.5	0	476.50	0.1	1.84	388.1	0.10	1.69	340.30	0.0	JH
12-Aug	08:15	31289688	36342	1174.5	1.1	476.40	14.6	1.49	388	1.20	1.42	340.30	0.5	JH
13-Aug	08:15	31326030	36644	1175.6	1.1	461.80	14.8	1.35	386.8	0.00	0.79	339.80	0.4	JH
14-Aug	08:15	31362674	37482	1176.7	1.1	447.00	15.3	1.01	386.8	0.00	0.65	339.40	0.5	JH
15-Aug	08:15	31400156	37328	1177.8	1.2	431.70	15.0	1.72	386.8	2.60	0.47	338.90	0.5	JH
16-Aug	08:15	31437484	37874	1179	1.1	416.70	15.3	1.65	384.2	2.00	1.91	338.40	0.5	JH
17-Aug	08:15	31475558	35932	1180.1	1.1	401.40	14.7	1.65	382.2	2.10	1.34	337.90	0.5	JH
18-Aug	08:15	31511290	36834	1181.2	1.1	386.70	14.0	1.59	380.1	0.00	1.50	337.40	0.4	JH
19-Aug	08:15	31548124	35564	1182.3	1.1	371.7/358.5	13.4	1.88	378.1	1.80	1.55	337.00	0.5	JH
20-Aug	08:15	31583688	15130	1183.4	0.5	345.10	5.7	1.71	376.3	0.90	1.37	336.50	0.0	JH
21-Aug	08:15	31598818	23998	1183.9	0.7	339.40	9.3	1.56	375.4	1.20	1.16	336.50	0.4	JH
22-Aug	08:15	31622816	36700	1184.6	1.1	330.10	14.0	1.53	374.2	2.10	1.20	336.10	0.5	JH
23-Aug	08:15	31659516	35858	1185.7	1.1	316.10	13.7	1.52	372.1	2.20	1.84	335.60	0.4	JH
24-Aug	08:15	31695574	36920	1186.8	1.2	302.40	14.0	1.60	369.9	2.20	1.25	335.20	0.4	JH
25-Aug	08:15	31732294	35692	1188	1	288.40	13.7	1.52	367.7	2.10	1.42	334.80	0.4	JH
26-Aug	08:15	31767986	34330	1189	1	274.70	13.3	1.62	365.6	2.00	1.33	334.40	0.4	JH
27-Aug	08:15	31802316	35368	1190	1.1	261.40	13.5	1.89	363.6	1.80	1.68	334.00	0.4	JH
28-Aug	08:15	31837684	35832	1191.1	1.1	247.90	14.0	2.06	361.8	2.10	1.13	333.60	0.4	JH
29-Aug	08:15	31873516	35470	1192.2	1.1	233.90	13.9	1.84	359.7	2.10	1.57	333.20	0.6	JH
30-Aug	08:15	31908986	38476	1193.3	1.1	220.00	15.5	1.57	357.6	2.30	1.24	332.60	0.5	JH
31-Aug	08:15	31947462	71526	1194.4	2.2	204.5/592.8	28.6	1.62	355.3	3.80	1.91	332.10	0.9	JH
1-Sep	08:15	32018988	-32018988	1196.6	-1196.6	564.20	0.0	2.50	351.5	351.50	1.66	331.20	331.2	JH
TOT			1109056					51.91			39.59			
AVE			35776					1.57			1.20			
MAX			114914					2.50			1.91			
MIN								0.00			0.00			

SIGNATURE:  199
PHONE: 815-
Jon Stear

Village of Capron

HL0070100

Water Treatment & Distribution MONTHLY OPERATING REPORT

10/11/2022 10:00 AM

Month: AUGUST

Year:

2022

Date:	Slope	Well 3	Well 2	Dist	Initial	Run date
1	105%	0.36	0.47		JH	8/2/2022
2	115%	0.65	0.29		JH	8/10/2022
3	115%	0.6	0.3		JH	8/10/2022
4	115%	0.61	0.86		JH	8/10/2022
5	115%	0.54	1.6		JH	8/10/2022
6	115%	0.62	2.2		JH	8/10/2022
7	115%	0.53	0.65		JH	8/10/2022
8	115%	0.64	0.87		JH	8/10/2022
9	99%	0.63	1.1		JH	8/17/2022
10	99%	0.45	1.5		JH	8/17/2022
11	99%	0.7	0.48		JH	8/17/2022
12	99%	0.51	0.42		JH	8/17/2022
13	99%	0.52	1.5		JH	8/17/2022
14	99%	0.47	0.54		JH	8/17/2022
15	99%	0.56	0.46		JH	8/17/2022
16	115%	0.66	1		JH	8/23/2022
17	115%	0.61	0.49		JH	8/23/2022
18	115%	0.56	1.1		JH	8/23/2022
19	115%	0.57	1.4		JH	8/23/2022
20	115%	0.58	0.46		JH	8/23/2022
21	115%	0.57	0.49		JH	8/23/2022
22	115%	0.54	0.45		JH	8/23/2022
23	99%	0.58	0.3		JH	8/31/2022
24	99%	0.53	0.4		JH	8/31/2022
25	99%	0.56	0.63		JH	8/31/2022
26	99%	0.48	0.44		JH	8/31/2022
27	99%	0.51	0.4		JH	8/31/2022
28	99%	0.5	0.47		JH	8/31/2022
29	99%	0.48	0.26		JH	8/31/2022
30	113%	0.54	0.46		JH	9/8/2022
31	113%	0.5	0.31		JH	9/8/2022

SIGNATURE:

PHONE: 815-224-1650

Jon Stear

VILLAGE OF CAPRON

IL0070100

FOR THE MONTH OF AUGUST 2022

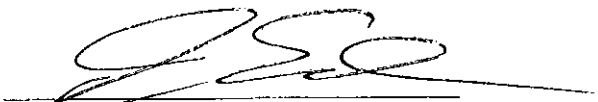
MONTHLY OPERATING REPORT

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	Caseys		1.25	0.63				
2	WWTP		1.21	0.70				
3	Caseys		1.36	1.28				
4	Public Works		1.90	0.90				
5	WWTP		1.39	0.57				
6								
7								
8	155 shadowbrook		1.36	0.88				
9	Public Works		2.07	0.86				
10	Caseys		1.12	0.78				
11	Caseys		1.25	0.85				
12	WWTP		1.37	0.87				
13								
14								
15	Caseys		1.01	0.40				
16	WWTP		1.25	0.75				
17	155 shadowbrook		1.39	0.75				
18	Caseys		1.10	1.01				
19	Public Works		1.72	0.99				
20								
21								
22	Caseys		1.06	1.51				
23	WWTP		1.12	0.64				
24	155 shadowbrook		0.99	1.01				
25	Caseys		0.81	1.25				
26	WWTP		1.13	0.94				
27								
28								
29	School		1.17	0.89				
30	Caseys		1.12	1.06				
31	WWTP		1.10	0.90				
1								

Signature:



Ion Stear

PHONE: 815-560-7399