

August 17, 2022



2323 Fourth Street
P.O. Box 483
Peru, Illinois 61354
815-224-1650
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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):

July Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	107	2.5
Total Suspended Solids, mg/l	116.5	7.25
pH, S.U. (max)		8.06
Ammonia Nitrogen, mg/l		0.090675
Dissolved Oxygen, mg/l (min)		10.85
Chlorine		
Fecal Coliform, #/100		TNTC

Plant Improvements

1. We sent out the cross connection control survey with the last water bill and have been getting response back. We are about 1/3 of the way done with the valve exercise and locate program. Plant is running great and water system has been doing good as well. The generator at the waste water plant has its auto transfer switch hooked up and the generator is on its new pad.

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

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VILLAGE OF CAPRON IL0070100
 FOR THE MONTH OF JULY, 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			Flow
		Reading	Pumpage	Reading	Hours	Scale	Lbs Used	Total	Scale	Lbs Used	PO4 mg/L	Scale
30-Jun	08:00	500837	0	1283.5	0	103.60	0.0	0.00	219.6	0.00	0.00	229.8
1-Jul	08:00	500909	40	1285.7	1.2	87.00	9.8	1.87	218.2	0.80	0.95	229.6
2-Jul	08:00	500949	39	1286.9	1.2	77.20	7.5	1.51	217.4	0.80	1.85	229.4
3-Jul	08:00	500988	74	1288.1	2.2	69.70	14.7	1.44	216.6	1.50	2.12	229.3
4-Jul	08:00	501062	37	1290.3	1.1	55.00	5.4	1.99	215.1	0.70	2.02	229.1
5-Jul	08:00	501099	72	1291.4	2.2	49.60	18.8	1.52	214.4	1.30	2.01	228.9
6-Jul	08:00	501171	36	1293.6	1.1	30.80	9.5	1.38	213.1	0.80	0.88	228.7
7-Jul	08:00	501207	67	1294.7	2	21.30	9.0	1.61	212.3	1.10	0.99	228.3
8-Jul	08:00	501274	43	1296.7	1.4	12.3/284.7	2.2	0.75	211.2	0.90	0.85	228.0
9-Jul	08:00	501317	33	1298.1	0.9	282.50	9.6	1.31	210.3	0.50	0.89	227.6
10-Jul	08:00	501350	91	1299	2.8	272.90	26.4	2.00	209.8	1.60	1.04	227.4
11-Jul	08:00	501441	39	1301.8	1.2	246.50	11.7	2.13	208.2	0.70	1.60	226.9
12-Jul	08:00	501480	73	1303	2.2	234.80	21.5	1.60	207.5	1.20	1.09	226.7
13-Jul	08:00	501553	74	1305.2	2.2	213.30	21.4	1.55	206.3	1.50	0.91	226.4
14-Jul	08:00	501625	77	1307.4	2.4	191.90	22.0	1.76	204.8	1.60	1.10	225.9
15-Jul	08:00	501702	0	1309.8	0	169.90	1.5	1.90	203.2	0.00	1.08	225.9
16-Jul	08:00	501702	36	1309.8	1	168.40	10.4	1.99	203.2	0.70	0.98	225.4
17-Jul	08:00	501738	74	1310.8	2.3	158.00	11.6	1.95	202.5	1.40	1.10	225.3
18-Jul	08:00	501812	74	1313.1	2.2	146.40	0.1	0.48	201.1	1.30	1.00	224.9
19-Jul	08:00	501886	45	1315.3	1.4	146.30	5.6	0.68	199.8	0.70	0.94	224.6
20-Jul	08:00	501931	65	1316.7	2	140.70	10.2	2.50	199.1	1.30	1.40	224.4
21-Jul	08:00	501996	76	1318.7	2.3	130.50	11.6	1.17	197.8	1.30	1.16	224.1
22-Jul	08:00	502072	37	1321	1.1	118.90	15.6	1.16	196.5	0.70	1.13	223.1
23-Jul	08:00	502109	38	1322.1	1.1	103.30	15.6	1.40	195.8	0.80	0.70	223.1
24-Jul	08:00	502147	84	1323.2	2.5	87.70	35.2	1.85	195	1.90	0.84	223.1
25-Jul	08:00	502229	35	1325.7	1.1	52.50	13.0	1.92	193.1	0.80	1.18	222.1
26-Jul	08:00	502264	80	1326.8	2.4	39.50	26.7	1.78	192.3	1.60	1.10	222.1
27-Jul	08:00	502344	62	1329.2	1.9	12.8/272.6	22.3	2.50	190.7	1.40	1.47	221.1
28-Jul	08:00	502406	78	1331.1	2.4	250.30	24.7	2.04	189.3	1.50	1.04	221.1
29-Jul	08:00	502484	52	1333.5	1.5	225.60	16.4	1.79	187.8	1.10	1.00	221.1
30-Jul	08:00	502536	58	1335	1.8	209.20	20.3	2.02	186.7	1.00	1.02	220.1
31-Jul	08:00	502594	111	1336.8	3.4	188.90	40.8	2.12	185.7	2.10	1.06	220.1
1-Aug	00:00	502705		1340.2		148.10			183.6			219.1
TOT			1689					51.67			36.50	
AVE			54					1.61			1.14	
MAX			91					2.50			2.12	
MIN			0					0.00			0.00	

SIGNATURE:
 PHONE: 815-560-7399

Jon Stear

VILLAGE OF CAPRON
FOR THE MONTH OF JULY
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070100

2022 MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 3		Chlorine Feed			Phosphate Feed			Flouride Feed		Operato.
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Total	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
30-Jun	08:15	29714752	0	1126.9	0	188.90	0.0	0.00	307.2	0.00	0.00	173.90	0.0	JH
1-Jul	08:15	29755316	35816	1128.1	1.1	177.80	8.8	0.77	305.7	1.40	1.27	173.40	0.5	JH
2-Jul	08:15	29791132	36862	1129.2	1.1	169.00	8.0	0.70	304.3	1.30	1.91	172.90	0.3	JH
3-Jul	08:15	29827994	36198	1130.3	1.1	161.00	7.3	0.68	303	1.20	1.13	172.60	0.2	JH
4-Jul	08:15	29864192	41580	1131.4	1.2	153.70	13.0	0.60	301.8	1.60	1.89	172.40	0.5	JH
5-Jul	08:15	29905772	38050	1132.6	1.2	145.70	8.1	0.74	300.2	1.50	1.47	171.90	0.5	JH
6-Jul	08:15	29943822	38996	1133.8	1.2	137.60	8.7	0.69	298.7	1.50	1.27	171.40	0.5	JH
7-Jul	08:15	29982818	6818	1135	0.2	128.90	2.5	0.85	297.2	0.30	1.39	170.90	0.0	JH
8-Jul	08:15	29989636	35142	1135.2	1	126.4/310.2	10.9	0.84	296.9	1.40	0.99	170.90	0.4	JH
9-Jul	08:15	30024778	35280	1136.2	1.1	299.30	10.2	2.00	295.5	1.60	1.25	170.50	0.5	JH
10-Jul	08:15	30060058	28844	1137.3	0.9	289.10	8.3	1.85	293.9	1.00	0.39	170.00	0.4	JH
11-Jul	08:15	30088902	36068	1138.2	1.1	280.80	10.0	1.29	292.9	1.60	1.37	169.60	0.4	JH
12-Jul	08:15	30124970	40402	1139.3	1.2	270.80	9.6	1.13	291.3	1.50	1.21	169.20	0.4	JH
13-Jul	08:15	30165372	40100	1140.5	1.2	261.10	9.9	1.46	289.8	1.60	1.13	168.80	0.5	JH
14-Jul	08:15	30205472	38356	1141.7	1.2	251.20	8.0	1.03	288.2	1.40	1.28	168.30	0.5	JH
15-Jul	08:15	30243828	35552	1142.9	1	243.20	6.8	0.96	286.8	1.30	1.15	167.80	0.4	JH
16-Jul	08:15	30279380	34984	1143.9	1.1	236.40	7.2	0.92	285.5	1.60	1.30	167.40	0.4	JH
17-Jul	08:15	30314364	36512	1145	1.1	229.20	7.9	0.95	283.9	1.30	1.60	167.00	0.4	JH
18-Jul	08:15	30350876	38134	1146.1	1.1	221.30	10.3	1.03	282.6	1.40	1.28	166.60	0.5	JH
19-Jul	08:15	30389010	36526	1147.2	1.1	211.00	9.5	1.17	281.2	1.30	1.17	166.10	0.4	JH
20-Jul	08:15	30425536	37306	1148.3	1.2	201.50	8.6	1.09	279.9	1.40	1.25	165.70	0.4	JH
21-Jul	08:15	30462842	37166	1149.5	1.1	192.90	9.7	1.04	278.5	1.30	1.38	165.30	0.4	JH
22-Jul	08:15	30500008	36190	1150.6	1.1	183.20	10.1	1.27	277.2	1.10	1.07	164.90	0.4	JH
23-Jul	08:15	30536198	35186	1151.7	1	173.10	8.4	1.31	276.1	1.20	0.88	164.50	0.5	JH
24-Jul	08:15	30571384	36590	1152.7	1.1	164.70	8.6	1.18	274.9	1.10	0.99	164.00	0.4	JH
25-Jul	08:15	30607974	40744	1153.8	1.3	156.10	8.6	0.92	273.8	1.50	1.17	163.60	0.4	JH
26-Jul	08:15	30648718	37200	1155.1	1.1	147.50	9.0	0.79	272.3	1.20	1.21	163.20	0.5	JH
27-Jul	08:15	30685918	35786	1156.2	1.1	138.50	8.6	1.00	271.1	1.20	1.04	162.70	0.5	JH
28-Jul	08:15	30721704	37144	1157.3	1.1	129.90	8.0	1.28	269.9	1.50	1.02	162.20	0.4	JH
29-Jul	08:15	30758848	37560	1158.4	1.1	121.90	9.8	0.93	268.4	1.30	1.20	161.80	0.4	JH
30-Jul	08:15	30796408	37000	1159.5	1.2	112.10	9.6	0.98	267.1	1.50	1.24	161.40	0.3	JH
31-Jul	08:15	30833408	4998	1160.7	0.1	102.50	1.3	1.04	265.6	0.10	1.49	161.10	0.0	JH
1-Aug	00:00	30838406		1160.8		101.20			265.5			161.10		
TOT			1078092					32.49			38.39			
AVE			34777					1.02			1.20			
MAX			41580					2.00			1.91			
MIN			0					0.00			0.00			

INATURE:
IONE: 815-560-7399

Ion Stear

VILLAGE OF CAPRON

IL0070100

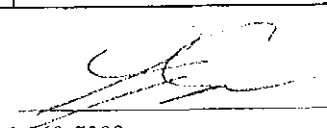
FOR THE MONTH OF JULY 2022

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		0.42	1.02	JH				
2									
3									
4	Wwtp		0.84	0.79	JH				
5	155 shadowbrook dr		0.89	0.80	JH				
6	Caseys		0.92	0.96	JH				
7	Wwtp		0.67	0.91	JH				
8	Caseys		0.88	0.75	JH				
9									
10									
11	Caseys		0.60	0.78	JH				
12	Wwtp		1.04	0.69	JH				
13	Caseys		1.24	0.82	JH				
14	Wwtp		1.06	0.83	JH				
15	Caseys		1.13	0.62	JH				
16									
17									
18	155 shadowbrook dr		0.82	1.24	JH				
19	Caseys		1.05	1.03	JH				
20	Wwtp		0.81	0.96	JH				
21	Caseys		0.93	0.79	JH				
22	Public works		1.15	0.98	JH				
23									
24									
25	Village Hall		1.12	0.80	JH				
26	155 shadowbrook dr		1.01	1.04	JH				
27	Caseys		1.03	0.82	JH				
28	Wwtp		1.11	1.00	JH				
29	Caseys		0.82	0.90	JH				
30									
31									
1									

Signature: 

Jon Stear

PHONE: 815-560-7399

Village of Capron

Water Treatment & Distribution

IL0070100

MONTHLY OPERATING REPORT

July 1 through July 31, 2022

Month: JULY

Year:

2022

Date:	Slope	mg/L Stand	Well 3	Well 2	Dist	Initial	Run date
1	97%		0.23	0.16		JH	7/5/2022
2	97%		0.24	0.15		JH	7/5/2022
3	97%		0.22	0.15		JH	7/5/2022
4	97%		0.21	0.11		JH	7/5/2022
5	116%		0.49	0.4		JH	7/12/2022
6	116%		0.57	0.62		JH	7/12/2022
7	116%		0.58	0.57		JH	7/12/2022
8	116%		0.49	0.44		JH	7/12/2022
9	116%		0.55	0.37		JH	7/12/2022
10	116%		0.51	0.81		JH	7/12/2022
11	116%		0.52	1.4		JH	7/12/2022
12	118%		0.65	0.54		JH	7/19/2022
13	118%		0.59	0.62		JH	7/19/2022
14	118%		0.61	1.1		JH	7/19/2022
15	118%		0.62	1		JH	7/19/2022
16	118%		0.61	0.55		JH	7/19/2022
17	118%		0.61	0.5		JH	7/19/2022
18	118%		0.59	0.53		JH	7/19/2022
19	93%		0.62	1.7		JH	7/26/2022
20	93%		0.53	0.25		JH	7/26/2022
21	93%		0.48	0.42		JH	7/26/2022
22	93%		0.55	0.44		JH	7/26/2022
23	93%		0.51	0.39		JH	7/26/2022
24	93%		0.53	0.41		JH	7/26/2022
25	93%		0.42	2		JH	7/26/2022
26	105%		0.57	0.48		JH	8/2/2022
27	105%		0.56	0.44		JH	8/2/2022
28	105%		0.52	0.43		JH	8/2/2022
29	105%		0.48	0.71		JH	8/2/2022
30	105%		0.49	0.54		JH	8/2/2022
31	105%		0.53	0.79		JH	8/2/2022

SIGNATURE:

PHONE: 815-224-1650

Jon Stear