

July 11, 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):

June Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	137.9	3.4
Total Suspended Solids, mg/l	206.4	7.2
pH, S.U. (max)		7.798
Ammonia Nitrogen, mg/l		0.13012
Dissolved Oxygen, mg/l (min)		10.132
Chlorine		
Fecal Coliform, #/100		180

Plant Improvements

1. We have started the valve locating and exercising program. We are working with the clerk to do a cross connection control survey.

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.

Jon Stear
Manager

VILLAGE OF CAPRON IL0070100
 FOR THE MONTH OF JUNE, 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			Flour
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Total	Scale	lbs Used	PO4 mg/L	Scale
31-May	08:00	498982	0	1227.1	0	172.70	0.0	0.00	255	0.00	0.00	234.60
1-Jun	08:00	499055	65	1229.3	2	147.90	24.0	1.83	253.5	1.50	0.91	234.50
2-Jun	08:00	499120	50	1231.3	1.6	123.90	20.9	2.65	252	0.90	1.04	234.20
3-Jun	08:00	499170	78	1232.9	2.3	103.00	27.6	1.97	251.1	1.60	1.34	234.10
4-Jun	08:00	499248	34	1235.2	1	75.40	11.9	1.94	249.5	0.80	1.34	233.90
5-Jun	08:00	499282	79	1236.2	2.4	63.50	26.4	2.02	248.7	1.40	1.15	233.80
6-Jun	08:00	499361	65	1238.6	2	37.10	22.1	1.95	247.3	1.30	0.91	233.70
7-Jun	08:00	499427	53	1240.6	1.7	15/303.7	11.1	2.11	246	1.10	1.26	233.50
8-Jun	08:00	499480	40	1242.3	1.2	292.60	0.1	1.88	244.9	0.90	1.04	233.50
9-Jun	08:00	499520	75	1243.5	2.2	292.50	22.1	0.98	244	1.30	0.97	233.20
10-Jun	08:00	499595	62	1245.7	1.9	270.40	18.7	1.82	242.7	1.30	1.08	233.10
11-Jun	08:00	499657	36	1247.6	1.1	251.70	10.9	2.00	241.4	0.80	0.70	233.00
12-Jun	08:00	499693	92	1248.7	2.8	240.80	25.7	2.40	240.6	1.80	2.68	232.90
13-Jun	08:00	499785	40	1251.5	1.2	215.10	12.6	1.72	238.8	0.70	0.35	232.70
14-Jun	08:00	499825	53	1252.7	1.6	202.50	16.7	1.95	238.1	1.00	0.93	232.70
15-Jun	08:00	499878	73	1254.3	2.2	185.80	23.1	2.02	237.1	1.40	0.99	232.60
16-Jun	08:00	499951	76	1256.5	2.3	162.70	32.1	1.88	235.7	1.50	1.01	232.40
17-Jun	08:00	500027	46	1258.8	1.5	130.6/278.4	2.4	1.64	234.2	1.00	0.84	232.20
18-Jun	08:00	500073	47	1260.3	1.4	276.00	3.5	2.10	233.2	1.40	1.32	232.00
19-Jun	08:00	500120	87	1261.7	2.6	272.50	17.6	2.02	231.8	0.90	1.14	231.70
20-Jun	08:00	500207	55	1264.3	1.7	254.90	11.0	1.91	230.9	0.90	0.89	231.70
21-Jun	08:00	500262	73	1266	2.2	243.90	18.3	1.44	230	1.30	1.04	231.70
22-Jun	08:00	500333	74	1268.2	2.2	225.60	19.0	1.79	228.7	1.40	0.99	231.60
23-Jun	08:00	500407	75	1270.4	2.3	206.60	18.4	1.74	227.3	1.40	1.06	231.40
24-Jun	08:00	500482	43	1272.7	1.3	188.20	10.3	1.87	225.9	0.80	1.18	231.10
25-Jun	08:00	500525	36	1274	1.1	177.90	9.2	1.92	225.1	0.80	0.75	230.90
26-Jun	08:00	500561	109	1275.1	3.3	168.70	27.6	2.00	224.3	1.90	0.71	230.60
27-Jun	08:00	500670	38	1278.4	1.2	141.10	9.9	1.31	222.4	0.60	1.06	230.20
28-Jun	08:00	500708	81	1279.6	2.4	131.20	17.9	0.80	221.8	1.40	1.29	230.10
29-Jun	08:00	500789	48	1282	1.5	113.30	9.7	1.47	220.4	0.80	0.76	229.90
30-Jun	08:00	500837	0	1283.5	2.2	103.60	16.6	1.72	219.6	1.40	0.82	229.80
1-Jul	08:00	500909	0	1285.7	-1285.7	87.00	87.0	1.87	218.2	218.20	0.92	229.60
TOT			1783					56.72			32.47	
AVE			58					1.77			1.01	
MAX			109					2.65			2.68	
MIN			0					0.00			0.00	

SIGNATURE:
 PHONE: 815-560-7399

Ion Stear

FOR THE MONTH (OF JUNE) 2022 MONTHLY OPERATING REPORT
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

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-May	08:15	28679996	0	1095.6	0	234.50	0.0	0.00	336.9	0.00	0.00	184.90	0.0	JH
1-Jun	08:15	28717996	36404	1096.8	1.1	223.40	10.7	1.42	335.8	1.10	0.91	184.40	0.4	JH
2-Jun	08:15	28754400	37474	1097.9	1.1	212.70	10.5	1.55	334.7	1.10	0.89	184.00	0.5	JH
3-Jun	08:15	28791874	38224	1099	1.2	202.20	10.6	1.31	333.6	1.10	0.93	183.50	0.4	JH
4-Jun	08:15	28830098	36114	1100.2	1	191.60	10.0	1.48	332.5	1.00	1.33	183.10	0.4	JH
5-Jun	08:15	28866212	37172	1101.2	1.2	181.60	10.2	1.25	331.5	1.20	0.90	182.70	0.2	JH
6-Jun	08:15	28903384	36732	1102.4	1.1	171.40	9.5	1.57	330.3	0.20	1.11	182.50	0.4	JH
7-Jun	08:15	28940116	34878	1103.5	1	161.90	9.0	1.34	330.1	1.10	1.07	182.10	0.1	JH
8-Jun	08:15	28974994	35226	1104.5	1.1	152.90	8.4	1.39	329	1.40	0.93	182.00	0.4	JH
9-Jun	08:15	29010220	36188	1105.6	1.1	144.50	8.4	1.16	327.6	1.20	1.38	181.60	0.4	JH
10-Jun	08:15	29046408	11834	1106.7	0.3	136.10	3.7	1.03	326.4	0.40	1.06	181.20	0.1	JH
11-Jun	08:15	29058242	36228	1107	1.1	132.40	10.9	1.58	326	1.10	0.89	181.10	0.4	JH
12-Jun	08:15	29094470	36360	1108.1	1.1	121.50	10.9	1.60	324.9	1.20	1.60	180.70	0.4	JH
13-Jun	08:15	29130830	36230	1109.2	1.1	110.60	10.4	1.36	323.7	1.10	0.83	180.30	0.3	JH
14-Jun	08:15	29167060	25606	1110.3	0.8	100.20	7.5	1.60	322.6	0.80	0.97	180.00	0.3	JH
15-Jun	08:15	29192666	35594	1111.1	1.1	92.70	9.9	1.36	321.8	1.30	1.08	179.70	0.4	JH
16-Jun	08:15	29228260	36988	1112.2	1.1	82.80	9.6	1.28	320.5	1.20	1.22	179.30	0.4	JH
17-Jun	08:15	29265248	36032	1113.3	1.1	73.2/297	7.8	0.97	319.3	0.00	0.91	178.90	0.4	JH
18-Jun	08:15	29301280	36148	1114.4	1.1	289.20	8.4	0.87	319.2	0.00	0.76	178.50	0.4	JH
19-Jun	08:15	29337428	35900	1115.5	1	280.80	7.1	0.74	318.9	1.20	0.78	178.10	0.3	JH
20-Jun	08:15	29373328	35904	1116.5	1.1	273.70	7.1	0.68	317.7	1.10	0.99	177.80	0.4	JH
21-Jun	08:15	29409232	39418	1117.6	1.2	266.60	10.7	0.71	316.6	0.00	0.72	177.40	0.2	JH
22-Jun	08:15	29448650	39630	1118.8	1.2	255.90	9.7	0.90	316.6	0.10	0.29	177.20	0.5	JH
23-Jun	08:15	29488280	37030	1120	1.1	246.20	7.5	0.76	316.5	2.30	0.38	176.70	0.4	JH
24-Jun	08:15	29525310	36064	1121.1	1.1	237.70	10.1	0.66	314.2	1.30	0.93	176.30	0.4	JH
25-Jun	08:15	29561374	33090	1122.2	1	227.60	8.4	0.98	312.9	1.30	1.19	175.90	0.4	JH
26-Jun	08:15	29594464	8894	1123.2	0.3	219.20	2.2	0.79	311.6	0.50	1.58	175.50	0.2	JH
27-Jun	08:15	29603358	35770	1123.5	1.1	217.00	8.6	0.96	311.1	1.40	0.82	175.30	0.4	JH
28-Jun	08:15	29639128	37006	1124.6	1.1	208.60	8.5	0.77	309.7	1.30	0.98	174.90	0.5	JH
29-Jun	08:15	29676134	38618	1125.7	1.2	200.10	11.2	0.58	308.4	1.20	1.09	174.40	0.5	JH
30-Jun	08:15	29714752	40564	1126.9	1.2	188.90	11.1	0.80	307.2	1.50	1.52	173.90	0.5	JH
1-Jul	08:15	29755316	-29755316	1128.1	-1128.1	177.80	0.0	0.77	305.7	305.70	1.27	173.40	173.4	JH
TOT			1037320					34.22			31.31			
AVE			33462					1.07			0.98			
MAX			40564					1.60			1.60			
MIN			0					0.00			0.00			

SIGNATURE:
PHONE: 815-560-7399

Jon Stear

VILLAGE OF CAPRON

IL0070100

FOR THE MONTH OF JUNE 2022

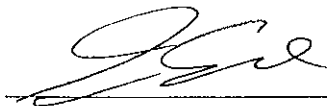
MONTHLY OPERATING REPORT

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		1.05	0.98	JH				
2	Caseys		0.98	1.08	JH				
3	Village Hall		1.46	0.76	JH				
4									
5									
6	Caseys		1.22	0.77					
7	Wwtp								
8	Caseys		1.03	0.59					
9	Village Hall								
10	Caseys		0.84	0.62					
11									
12									
13	Village Hall		1.80	1.25					
14	Caseys		0.83	0.83					
15	Wwtp		1.65	0.72					
16	Caseys		1.37	0.61					
17	Wwtp								
18									
19									
20	Caseys		0.92	0.83					
21	155 shadowbrook dr		1.01	0.88					
22	Caseys		0.87	0.51					
23	Village Hall		1.09	0.98					
24	Wwtp		1.12	0.79					
25									
26									
27	Wwtp		0.75	0.56					
28	Public Works		1.18	1.02					
29	Caseys		1.04	0.75					
30	Wwtp		0.82	0.40					
1	Caseys		0.42	1.02					

Signature:



Ion Stear

PHONE: 815-560-7399

Village of Capron

Water Treatment & Distribution

IL0070100

MONTHLY OPERATING REPORT

Daily Chloride Analysis

Month: JUNE

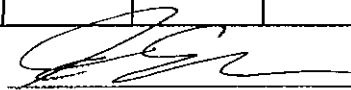
Year:

2022

Date:	Slope	mg/L Stand	Well 3	Well 2	Dist	Initial	Run date
1	109%		0.4	1.2		JH	6/8/2022
2			0.52	0.32		JH	
3			0.48	0.58		JH	
4			0.52	0.43		JH	
5			0.52	0.36		JH	
6			0.56	0.39		JH	
7	109%		0.47	0.32		JH	6/15/2022
8			0.31	0.31		JH	
9			0.27	0.21		JH	
10			0.32	0.86		JH	
11			0.31	0.24		JH	
12			0.29	0.34		JH	
13			0.28	0.56		JH	
14			0.31	0.65		JH	
15	109%		0.65	0.37		JH	6/22/2022
16			0.47	0.38		JH	
17			0.43	0.39		JH	
18			0.45	0.43		JH	
19			0.46	0.26		JH	
20			0.44	0.27		JH	
21			0.46	0.24		JH	
22	107%		0.28	0.23		JH	6/29/2022
23			0.34	0.26		JH	
24			0.38	0.25		JH	
25			0.36	0.28		JH	
26			0.36	0.28		JH	
27			0.33	0.3		JH	
28			0.33	0.27		JH	
29	97%		0.25	1		JH	7/5/2022
30			0.29	0.15		JH	
						JH	

SIGNATURE:

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Jon Stear