



2323 Fourth Street, PO Box 483 Peru, IL 61354

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www.testinc.com

August 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):

July Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	264.25	3.25
Total Suspended Solids, mg/l	279	8
pH, S.U. (max)		7.555
Ammonia Nitrogen, mg/l		0.82955
Dissolved Oxygen, mg/l (min)		8.6725
Chlorine		
Fecal Coliform, #/100		TNTC

Plant Improvements

1. Still waiting on new wasting pumps. They should be here any day.
2. Put out and collected all lead and copper samples.
3. We had an issue with the main lift station (rags in pump) during a heavy rain event. We were able to handle it just fine with the backup diesel transfer pump. We would like to look into getting a davit crane with electronic wench to lift those pumps up, inspect them and clean them out, so we don't have to call a contractor every time we have an issue because the rags are such a problem.
4. All required testing has been sampled and taken to lab.

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 July 2023 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		Scale	Ibs Used	Scale	Ibs Used	Scale	Ibs Used	
1-Jul	08:00	521897		1917.8	415.50	8.6	188.6	1.10	275.80	0.2	Mjh
2-Jul	08:00	521931	35	1918.8	407.90	8.3	187.4	1.17	275.50	0.1	Mjh
3-Jul	08:00	521966	34	1919.8	399.30	8.3	186.3	1.60	275.30	0.2	Mjh
4-Jul	08:00	522000	50	1920.8	391.00	12.7	185.3	1.83	275.20	0.0	Mjh
5-Jul	08:00	522050	41	1922.3	378.30	11.2	183.7	0.00	275.00	0.0	Mjh
6-Jul	08:00	522091	75	1923.6	367.10	19.2	182.2	0.00	274.80	0.0	Mjh
7-Jul	08:00	522166	36	1925.8	347.90	9.1	179.4	1.10	274.30	0.2	JH
8-Jul	08:00	522202	34	1926.8	338.80	9.9	178.3	1.20	274.10	0.2	JH
9-Jul	08:00	522236	79	1927.8	328.90	20.8	177.1	2.70	273.90	0.3	JH
10-Jul	08:00	522315	77	1930.2	308.10	8.4	174.4	2.70	273.60	0.4	JH
11-Jul	08:00	522392	74	1932.5	299.7/633.2	10.1	171.7	2.70	273.20	0.4	JH
12-Jul	08:00	522466	40	1934.8	622.10	8.7	169	1.40	272.80	0.4	JH
13-Jul	08:00	522506	74	1936	613.40	7.5	167.6	2.50	272.40	0.3	JH
14-Jul	08:00	522580	61	1938.1	605.90	12.1	165.1	1.80	272.10	0.3	JH
15-Jul	08:00	522641	36	1940	593.80	4.9	163.3	1.00	271.80	0.2	JH
16-Jul	08:00	522677	78	1941	588.90	9.1	162.3	2.60	271.60	0.4	Jh
17-Jul	08:00	522755	37	1943.4	579.80	3.0	162	1.30	271.20	0.2	Jh
18-Jul	08:00	522792	75	1944.5	576.80	14.5	158.4	2.50	271.00	0.4	JH
19-Jul	08:00	522867	78	1946.7	562.30	17.1	155.9	2.40	270.60	0.0	JH
20-Jul	08:00	522945	77	1949	545.20	12.2	153.5	2.30	270.20	0.4	JH
21-Jul	08:00	523022	39	1951.4	533.00	2.0	151.2	2.60	269.80	0.4	JH
22-Jul	08:00	523061	78	1953.7	531.00	0.4	148.6	1.30	269.40	0.3	Mjh
23-Jul	08:00	523139	126	1954.9	530.60	28.3	147.3	4.10	269.10	0.7	Mjh
24-Jul	08:00	523265	66	1958.7	502.30	16.1	143.2	1.90	268.40	0.3	JH
25-Jul	08:00	523331	73	1960.7	486.20	6.9	141.3	2.10	268.10	0.3	JH
26-Jul	08:00	523404	97	1962.9	479.30	28.2	139.2	3.20	267.80	0.6	JH
27-Jul	08:00	523501	67	1965.7	451.10	13.6	136	2.20	267.20	0.2	JH
28-Jul	08:00	523568	80	1967.7	437.50	17.2	133.8	3.00	267.00	0.5	JH
29-Jul	08:00	523648	2	1970.1	420.30	0.4	130.8	0.00	266.50	0.0	Mjh
30-Jul	08:00	523650	122	1970.2	419.90	33.7	130.8	3.60	266.50	0.7	Mjh
31-Jul	08:00	523772	80	1973.8	387.20	22.7	126.2	2.90	265.80	0.4	JH
1-Aug	08:00	523852		1976.3	364.40		123.3		265.40		JH
TOT			1841								
AVE			63								
MAX			126								
MIN			2								

SIGNATURE:  Jon Sizer
 PHONE: 815-560-7399

ILLAGE OF CAPRON
 R THE MONTH OF JULY
 2023 MONTHLY OPERATING REPORT
 LINCOLN ENVIRONMENTAL PROTECTION AGENCY
 VISION OF PUBLIC WATER SUPPLIES

Date	Time	Flow Meter		Hour Meter Well 3	Chlorine Feed		Phosphate Feed		Fluoride Feed		Operator	
		Reading	Pumpage		Scale	lbs Used	Scale	lbs Used	Scale	lbs Used	Initials	Initials
1-Jul	08:15	42535788		1515.7	437.40		238.2	1.24	305.30	0.5	Mjh	
2-Jul	08:15	42571084	36204	1516.8	428.00	0.0	236.2	2.30	304.90	0.5	Mjh	
3-Jul	08:15	42607288	36004	1517.9	417.90	0.0	233.9	2.30	304.40	0.4	Mjh	
4-Jul	08:15	42643292	23496	1519.0	408.10	0.0	231.6	1.50	304.00	0.3	Mjh	
5-Jul	08:15	42666788	34744	1519.7	402.20	0.0	230.1	2.20	303.70	0.6	Mjh	
6-Jul	08:15	42701532	38524	1520.7	393.40	9.1	227.9	2.20	303.10	0.5	Mjh	
7-Jul	08:15	42740056	33520	1521.9	384.30	8.6	225.7	2.30	302.60	0.5	JH	
8-Jul	08:15	42773576	36340	1522.9	375.70	9.1	223.4	2.40	302.10	0.4	JH	
9-Jul	08:15	42809916	36812	1524.1	366.60	9.2	221.2	2.60	301.70	0.5	JH	
10-Jul	08:15	42846728	41232	1525.2	357.4	594.3	218.4	2.80	301.20	0.5	JH	
11-Jul	08:15	42887960	40840	1526.4	584.20	9.8	215.6	2.30	300.70	0.6	JH	
12-Jul	08:15	42928800	37356	1527.7	575.00	9.2	213.3	2.60	300.10	0.5	JH	
13-Jul	08:15	42966156	36476	1528.8	565.80	8.4	210.7	2.50	299.60	0.6	JH	
14-Jul	08:15	43007632	9292	1529.9	557.40	2.2	208.2	0.60	299.00	0.0	JH	
15-Jul	08:15	43011924	34204	1530.2	555.20	7.1	207.6	2.20	299.00	0.5	JH	
16-Jul	08:15	43046128	37236	1531.2	548.10	8.3	205.4	2.60	298.50	0.4	JH	
17-Jul	08:15	43083364	36120	1532.4	539.80	7.9	202.8	2.30	298.10	0.5	JH	
18-Jul	08:15	43119484	42048	1533.5	531.90	12.2	200.5	2.60	297.60	0.5	JH	
19-Jul	08:15	43161532	42692	1534.8	519.70	12.5	197.9	2.40	297.10	0.0	JH	
20-Jul	08:15	43204224	41184	1536.1	507.20	11.2	195.5	2.50	296.50	0.5	JH	
21-Jul	08:15	43245408	37924	1537.3	496.00	9.9	193.2	2.00	296.00	0.5	JH	
22-Jul	08:15	43283332	36468	1538.5	486.10	9.9	190.8	2.00	295.50	0.5	Mjh	
23-Jul	08:15	43319800	37408	1539.6	476.20	10.3	188.8	2.20	295.00	0.3	Mjh	
24-Jul	08:15	43357208	40732	1540.7	465.90	10.0	186.6	2.70	294.70	0.5	JH	
25-Jul	08:15	43397940	37576	1542.1	455.90	9.9	183.9	2.00	294.20	0.5	JH	
26-Jul	08:15	43435516	36560	1543.1	446.00	9.6	181.9	2.40	293.70	0.4	JH	
27-Jul	08:15	43472076	36528	1544.2	436.40	7.9	179.5	2.00	293.30	0.5	JH	
28-Jul	08:15	43508604	39460	1545.3	427.50	10.1	177.5	2.20	292.80	0.6	JH	
29-Jul	08:15	43548064	37448	1546.5	417.40	9.4	175.3	2.20	292.20	0.5	Mjh	
30-Jul	08:15	43585112	37160	1547.7	408.00	8.3	173.1	2.10	291.70	0.5	Mjh	
31-Jul	08:15	43622272	36640	1548.8	399.70	8.2	170.9	2.20	291.20	0.4	JH	
1-Aug	08:15	43658912		1549.9	391.50		168.7		290.80		JH	
TOT			1051188									
AVE			36248						40.47			
MAX			42692						1.35			
MIN			9292						2.00			
									0.87			

INATURE: JON STEARNS
 PHONE: 815-560-7399

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

IL0070100

MONTHLY OPERATI

Date	Site #	Distribution		Operator Initials
		Free Cl ₂	Total PO ₄ Cl ₂	
1				
2				
3	Caseys	1.07	1.22	Mjh
4	Caseys	1.03	0.99	Mjh
5	public works	1.15	1.07	Mjh
6	Caseys	1.01	1.62	Mjh
7	Public Works	1.19	0.97	DH
8				
9				
10	Caseys	1.08	1.12	JH
11	Wwtp	0.89	1.24	JH
12	Caseys	0.91	0.80	JH
13	Village Hall	1.17	0.80	JH
14	Caseys	1.08	1.01	JH
15				
16				
17	Caseys	1.02	1.09	JH
18	155 shadowbrook dr	1.21	0.98	JH
19	Caseys	1.06	0.89	JH
20	Wwtp	1.16	0.84	JH
21	Caseys	0.88	0.85	JH
22				
23				
24	Caseys	1.01	0.88	JH
25	Wwtp	0.93	0.79	JH
26	155 shadowbrook dr	1.11	1.00	JH
27	Caseys	1.01	0.97	JH
28	155 shadowbrook dr	0.99	1.20	JH
29				
30				
31	Caseys	0.89	0.96	JH
1	Wwtp	0.91	0.75	JH

Signature:  Ion Stear
PHONE: 845-566-7399

Village of Capron

Water Treatment & Distribution

IL0070100

MONTHLY OPERATING REPORT

Daily Fluoride Analysis

Month: JULY		Year: 2023					2023	
Date:	Slope	mg/L	Stand	Well 3	Well 2	Dist	Initial	Run date
1	93%			0.58	0.4		M/h	7/3/2023
2	93%			0.55	0.39		M/h	7/3/2023
3	93%			0.7	0.51		M/h	7/3/2023
4	111%			0.57	1.7		M/h	7/11/2023
5	111%			0.64	0.66		M/h	7/11/2023
6	111%			0.68	0.58		M/h	7/11/2023
7	111%			0.65	0.55		M/h	7/11/2023
8	111%			0.95	0.53		M/h	7/11/2023
9	111%			0.63	0.75		M/h	7/11/2023
10	111%			0.66	1.8		M/h	7/11/2023
11	118%			0.54	0.88		M/h	7/19/2023
12	118%			0.54	1.2		M/h	7/19/2023
13	118%			0.63	0.89		M/h	7/19/2023
14	118%			0.62	0.66		M/h	7/19/2023
15	118%			0.62	0.5		M/h	7/19/2023
16	118%			0.56	0.54		M/h	7/19/2023
17	118%			0.63	1.2		M/h	7/19/2023
18	99%			0.59	0.54		DH	7/24/2023
19	99%			0.56	0.54		DH	7/24/2023
20	99%			0.57	0.73		DH	7/24/2023
21	99%			0.57	0.49		DH	7/24/2023
22	99%			0.56	0.65		DH	7/24/2023
23	99%			0.57	0.48		DH	7/24/2023
24	99%			0.58	0.96		DH	7/24/2023
25	103%			0.53	0.29		DH	8/2/2023
26	103%			0.54	0.29		DH	8/2/2023
27	103%			0.55	0.28		DH	8/2/2023
28	103%			0.56	0.3		DH	8/2/2023
29	103%			0.76	0.29		DH	8/2/2023
30	103%			0.6	0.45		DH	8/2/2023
31	103%			0.59	0.3		DH	8/2/2023

Ion Star

SIGNATURE:
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