



2323 Fourth Street, PO Box 483 Peru, IL 61354

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www.testinc.com

June 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):

May Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	179.4	2.4
Total Suspended Solids, mg/l	288.4	7.4
pH, S.U. (max)		7.44
Ammonia Nitrogen, mg/l		0.61138
Dissolved Oxygen, mg/l (min)		9.55
Chlorine		
Fecal Coliform, #/100		TNTC

Plant Improvements

1. We are about to hand out lead and copper sampling bottles.
2. We are meeting with Ryan from Strand 6-27 to talk about the source water protection plan and updating maps.
3. Hydrant on Sundance was repaired.
4. Plant and well have been doing great. We just ordered some products from Aquafix to ensure the plant stays running so well.

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
FOR THE MONTH OF May-23 MONTHLY OPERATING REPORT
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070100

Date	Time	Flow Meter		Hour Meter Well 2		Chlorine Feed		Phosphate Feed		Fluoride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Scale	Ibs Used	Scale	Ibs Used	Scale	Ibs Used	
30-Apr	08:00	518027	0	1802.4	0	476.40	0.0	324.1	0.00	296.40	0.5	JH
1-May	08:00	518102	80	1804.6	2.4	466.00	11.4	321.6	2.50	295.90	0.4	JH
2-May	08:00	518182	38	1807	1.1	454.60	7.0	319.1	1.20	295.50	0.2	JH
3-May	08:00	518270	78	1808.1	2.3	447.60	11.0	317.9	2.50	295.30	0.4	JH
4-May	08:00	518298	35	1810.4	1	436.60	5.0	315.4	1.00	294.90	0.0	JH
5-May	08:00	518333	61	1811.4	1.8	431.60	9.3	314.4	2.00	294.80	0.0	JH
6-May	08:00	518394	59	1813.2	1.8	422.30	7.2	312.4	1.80	294.50	0.3	JH
7-May	08:00	518455	74	1815	2	415.10	9.8	310.6	2.30	294.20	0.5	JH
8-May	08:00	518527	38	1817	1.3	405.30	6.0	308.3	1.50	293.70	0.2	JH
9-May	08:00	518565	75	1818.3	2.2	399.30	12.7	306.8	2.90	293.50	0.4	JH
10-May	08:00	518640	57	1820.5	1.8	386.60	9.5	303.9	2.10	293.10	0.3	JH
11-May	08:00	518697	74	1822.3	2.2	377.10	11.0	301.8	2.70	292.80	0.3	JH
12-May	08:00	518771	36	1824.5	1	366.10	5.9	299.1	1.50	292.50	0.3	JH
13-May	08:00	518807	35	1825.5	1	360.20	5.7	297.6	1.40	292.20	0.2	JH
14-May	08:00	518842	38	1826.5	1.2	354.50	11.4	296.2	1.60	292.00	0.3	JH
15-May	08:00	518880	152	1827.7	4.5	342.9(627.4)	6.8	294.6	5.90	291.70	0.8	JH
16-May	08:00	519032	169	1832.2	5.1	620.60	23.5	288.7	6.30	290.90	0.9	JH
17-May	08:00	519201	35	1837.3	1.1	597.10	4.3	282.4	1.30	290.00	0.0	JH
18-May	08:00	519236	38	1838.4	1.1	592.80	5.2	281.1	1.30	289.90	0.0	JH
19-May	08:00	519274	72	1839.5	2.1	587.60	9.6	279.8	2.80	289.60	0.4	JH
20-May	08:00	519346	41	1841.6	1.3	578.00	5.7	277	1.40	289.20	0.1	JH
21-May	08:00	519387	95	1842.9	2.8	572.30	14.9	275.6	3.30	289.10	0.7	JH
22-May	08:00	519482	71	1845.7	2.1	557.40	11.0	272.3	2.60	288.40	0.2	JH
23-May	08:00	519553	99	1847.8	2.4	546.40	11.7	269.7	2.70	288.20	0.4	JH
24-May	08:00	519632	78	1850.2	2.3	534.70	11.9	267	2.80	287.80	0.5	JH
25-May	08:00	519710	37	1852.5	1.1	522.80	4.2	264.2	1.40	287.30	0.3	JH
26-May	08:00	519747	70	1853.6	2.1	518.60	8.0	262.8	2.50	287.00	0.4	JH
27-May	08:00	519817	38	1855.7	1.1	510.60	5.5	260.3	1.10	286.60	0.1	JH
28-May	08:00	519855	38	1856.8	1.1	505.10	4.8	259.2	1.40	286.50	0.1	JH
29-May	08:00	519893	86	1857.9	2.6	500.30	12.0	257.8	3.10	286.40	0.5	JH
30-May	08:00	519979	73	1860.5	2.2	488.30	9.7	254.7	2.50	285.90	0.3	JH
31-May	08:00	520052	110	1862.7	3.4	478.90	8.4	252.2	4.00	285.60	0.6	JH
1-Jun	08:00	520168	0	1866.1	0	469.50	0.0	248.2	0.00	285.00	0.0	JH
TOT			1983					35.23				
AVE			63					1.12				
MAX			169					1.77				
MIN								0.00				

Jon Stear

SIGNATURE: 
PHONE: 815-560-7399

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

IL0070100
 2023 MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Pumpage	Hour Meter Well 3		Chlorine Feed		Phosphate Feed		Fluoride Feed		Operator
		Reading	Scale		Reading	Hours	Scale	lbs Used	Scale	lbs Used	Scale	lbs Used	
30-Apr	08:15	40326808	0	1448.7	0	1448.7	0.0	1.90	365.4	2.10	1.26	332.70	JH
1-May	08:15	40362652	37016	1449.8	1.1	439.30	8.1	2.15	363.2	2.10	1.04	332.40	0.5 JH
2-May	08:15	40399668	35436	1450.9	1.1	431.20	7.9	1.60	361.1	2.20	1.02	331.90	0.5 JH
3-May	08:15	40435104	35404	1452	1	423.30	7.8	1.70	358.9	2.30	1.01	331.40	0.3 JH
4-May	08:15	40470508	35776	1453	1.1	415.50	7.4	1.67	356.6	2.20	1.23	331.10	0.5 JH
5-May	08:15	40506284	12488	1454.1	0.4	408.10	2.8	1.48	354.4	0.80	0.97	330.60	0.1 JH
6-May	08:15	40518772	11280	1454.5	0.3	405.30	0.2	1.12	353.6	0.50	1.00	330.50	0.0 JH
7-May	08:15	40530052	36272	1454.8	1.1	403.00	7.4	0.75	353.1	2.50	0.88	330.50	0.5 JH
8-May	08:15	40566324	38412	1455.9	1.2	395.40	6.6	1.42	350.6	2.30	1.05	330.00	0.4 JH
9-May	08:15	40604736	40452	1457.1	1.2	387.80	8.2	1.13	348.3	2.40	0.85	329.60	0.5 JH
10-May	08:15	40645188	16864	1458.3	0.5	379.60	3.3	1.25	345.9	1.10	1.01	329.10	0.2 JH
11-May	08:15	40662052	39612	1458.8	1.2	376.30	8.1	1.15	344.8	2.20	0.89	328.90	0.4 JH
12-May	08:15	40701664	32876	1460	1	368.20	6.6	1.26	342.6	1.80	1.02	328.50	0.5 JH
13-May	08:15	40734540	35048	1461	1.1	361.60	6.7	1.25	340.8	2.20	0.89	328.00	0.4 JH
14-May	08:15	40769588	39384	1462.1	1.2	354.90	7.3	1.21	338.6	2.60	0.98	327.60	0.6 JH
15-May	08:15	40808972	0	1463.3	0	346.60	6.03	0.0	336	0.00	1.23	327.00	0.0 JH
16-May	08:15	40808972	0	1463.3	0	603.60	8.9	0.69	336	0.00	0.45	327.00	0.0 JH
17-May	08:15	40808972	37144	1463.3	1.1	603.60	8.9	0.69	336	2.30	0.45	327.00	0.4 JH
18-May	08:15	40846116	37736	1464.4	1.2	594.70	8.6	1.27	333.7	2.30	1.28	326.60	0.3 JH
19-May	08:15	40883852	35892	1465.6	1.1	586.10	7.9	1.16	331.4	2.10	1.21	326.30	0.6 JH
20-May	08:15	40919744	34728	1466.7	1	578.20	8.1	1.18	329.3	2.00	1.24	325.70	0.4 JH
21-May	08:15	40954472	38576	1467.7	1.2	570.10	9.1	1.23	327.3	2.10	1.16	325.30	0.5 JH
22-May	08:15	40993048	38164	1468.9	1.1	561.00	8.9	1.29	325.2	1.70	0.82	324.80	0.6 JH
23-May	08:15	41031212	40748	1470	1.3	552.10	8.9	1.22	323.5	3.10	1.22	324.20	0.6 JH
24-May	08:15	41071960	37312	1471.3	1.1	543.70	7.7	1.16	320.4	1.70	1.04	323.60	0.2 JH
25-May	08:15	41109272	42132	1472.4	1.3	536.00	9.1	1.23	318.7	2.70	1.30	323.40	0.6 JH
26-May	08:15	41151404	43204	1473.7	1.3	526.90	9.3	1.25	316	2.50	1.40	322.80	0.5 JH
27-May	08:15	41194608	35820	1475	1.1	517.60	7.8	1.39	313.5	2.30	1.12	322.30	0.4 JH
28-May	08:15	41230428	36316	1476.1	1.1	509.80	7.7	1.56	311.2	2.40	1.45	321.90	0.4 JH
29-May	08:15	41266744	39044	1477.2	0	502.10	8.3	1.41	308.8	2.70	1.08	321.50	0.4 JH
30-May	08:15	41305788	37540	1478.4	1.1	493.80	7.3	1.30	306.1	2.40	1.22	321.10	0.5 JH
31-May	08:15	41343328	0	1479.5	0	486.50	0.0	0.89	303.7	0.00	0.98	320.60	0.0 JH
1-Jun	08:15	41343328	0	1479.5	0	486.50	0.0	1.21	303.7	0.00	0.89	320.60	0.0 JH
TOT			943136					40.19			32.77		
AVE			31438					1.30			1.05		
MAX			43204					2.15			1.45		
MIN			0					0.69			0.45		

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VILLAGE OF CAPRON IL0070100
 FOR THE MONTH OF MAY 2023 MONTHLY OPERATI
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

Date	Site #	Distribution			Operator Initials
		Free Cl ₂	Total Cl ₂	PO ₄	
1	Casey's		0.85	1.00	JH
2	155 shadowbrook dr		1.12	0.89	
3	Wwtp				JH
4	Casey's		0.99	0.95	JH
5	Village Hall				JH
6					JH
7					JH
8	Casey's		0.95	0.90	JH
9	Wwtp				JH
10	Village Hall		0.96	0.82	JH
11	155 shadowbrook dr				JH
12	Casey's		0.92	1.39	JH
13					JH
14					JH
15	Wwtp				JH
16	155 shadowbrook dr				JH
17	Casey's		0.84	1.50	JH
18	Public works				JH
19	Casey's		0.99	0.89	JH
20					JH
21					JH
22	Casey's		0.96	0.78	JH
23	155 shadowbrook dr				JH
24	Public works				JH
25	Casey's				JH
26	Wwtp		0.95	0.78	JH
27					JH
28					JH
29	155 shadowbrook dr		1.00	0.88	JH
30	Wwtp				JH
31	Casey's		0.74	0.64	JH
1	Casey's		0.30	0.83	JH

Signature:  Ion Stear
 PHONE: 815-560-7399

Village of Capron
Water Treatment & Distribution
 MONTHLY OPERATING REPORT

IL0070100

Daily Fluoride Analysis

Month:	Year:	2023	Initial	Run date				
Date:	Slope	mg/L	Stand	Well 3	Well 2	Dist	JH	5/9/2023
1	100%			0.56	0.55		JH	
2	100%			0.52	1.5		JH	
3	100%			0.69	1.6		JH	
4	100%			0.57	1.4		JH	
5	100%			0.59	1.8		JH	
6	100%			0.56	0.59		JH	
7	100%			0.57	0.54		JH	
8	119%			0.59	0.46		JH	5/16/2023
9	119%			0.69	0.86		JH	
10	119%			0.69	0.85		JH	
11	119%			0.64	0.89		JH	
12	119%			0.7	0.89		JH	
13	119%			0.68	0.64		JH	
14	119%			0.68	0.64		JH	
15	119%			0.7	0.62		JH	
16	107%			0.69	0.62		JH	5/23/2023
17	107%			0.55	0.63		JH	
18	107%			0.63	0.59		JH	
19	107%			0.49	0.59		JH	
20	107%			0.61	0.54		JH	
21	107%			0.48	0.61		JH	
22	107%			1.1	0.49		JH	5/30/2023
23	91%			0.38	0.57		JH	
24	91%			0.69	0.52		JH	
25	91%			0.63	0.52		JH	
26	91%			0.63	0.5		JH	
27	91%			0.64	0.46		JH	
28	91%			0.64	0.47		JH	
29	91%			0.61	0.49		JH	
30	91%			0.59	0.5		JH	
31	92%			0.52	0.34		JH	6/7/2023
32	92%			0.5	1.2		JH	

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