



2323 Fourth Street, PO Box 483 Peru, IL 61354
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May 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):

April Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	<150	3.5
Total Suspended Solids, mg/l	306.5	8
pH, S.U. (max)		7.88
Ammonia Nitrogen, mg/l		0.49215
Dissolved Oxygen, mg/l (min)		9.7475
Chlorine		
Fecal Coliform, #/100		

Plant Improvements

1. Everyone received the CCR.
2. We have reached out to Ryan and have talked about a plan for the source water protection plan.
3. We replaced the ground water pump by the lift station.
4. We are setting up for lead and copper testing that will start in June.
5. The plant is healthy and happy.
6. Well capacity has been maintaining good even with the dry weather.

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 APRIL
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

IL0070100

APR-23 MONTHLY OPERATING REPORT

Date	Time	Flow Meter		Hour Meter Well 2		Chlorine Feed		Phosphate Feed		Fluoride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Scale	Lbs Used	Scale	Lbs Used	Scale	Lbs Used	
31-Mar	08:00	516582	0	1759.4	0	403.30	0.0	121.3	0.00	251.00	0.0	JH
1-Apr	08:00	516622	39	1760.6	1.2	397.30	8.2	120.1	1.30	250.70	0.3	JH
2-Apr	08:00	516661	36	1761.8	1	389.10	6.1	118.8	1.00	250.40	0.1	JH
3-Apr	08:00	516697	36	1762.8	1.1	383.00	5.9	117.8	1.00	250.30	0.1	JH
4-Apr	08:00	516733	39	1763.9	1.2	377.10	6.5	116.8	0.00	250.20	0.2	JH
5-Apr	08:00	516772	78	1765.1	2.3	370.60	14.0	115.7	0.00	250.00	0.0	JH
6-Apr	08:00	516850	0	1767.4	0	356.60	1.2	113.1	0.00	249.40	0.0	JH
7-Apr	08:00	516850	36	1767.4	1.1	355.40	7.7	113.1	1.00	249.40	0.2	JH
8-Apr	08:00	516886	68	1768.5	2	347.70	10.4	112.1	2.00	249.20	0.2	JH
9-Apr	08:00	516954	83	1770.5	2.4	337.30	11.9	110.1	2.50	249.00	0.3	JH
10-Apr	08:00	517037	38	1772.9	1.2	325.4/620.7	0.0	107.6/354.8	0.50	248.7/301.7	0.3	JH
11-Apr	08:00	517075	39	1774.1	1.1	620.70	5.3	353.7	1.20	301.40	0.1	JH
12-Apr	08:00	517114	66	1775.2	2.2	615.40	10.0	352.5	2.20	301.30	0.4	JH
13-Apr	08:00	517188	75	1777.4	2.2	605.40	10.7	350.3	2.30	300.90	0.4	JH
14-Apr	08:00	517263	1	1779.6	0.7	594.70	0.4	348	0.00	300.50	0.0	JH
15-Apr	08:00	517264	75	1780.3	1.6	594.30	10.5	348	2.30	300.50	0.4	JH
16-Apr	08:00	517339	40	1781.9	1.2	583.80	4.9	345.7	1.50	300.10	0.4	JH
17-Apr	08:00	517379	82	1783.1	2.4	578.90	10.7	344.2	2.40	299.70	0.5	JH
18-Apr	08:00	517461	34	1785.5	1	568.20	6.0	341.8	1.00	299.20	0.1	JH
19-Apr	08:00	517495	76	1786.5	2.3	562.20	11.7	340.8	2.20	299.10	0.3	JH
20-Apr	08:00	517571	36	1788.8	1.1	550.50	7.0	338.6	1.10	298.80	0.2	JH
21-Apr	08:00	517607	76	1789.9	2.2	543.50	12.6	337.5	2.40	298.60	0.5	JH
22-Apr	08:00	517683	0	1792.1	0	530.90	0.0	335.1	0.00	298.10	0.0	JH
23-Apr	08:00	517683	46	1792.1	1.4	530.90	8.2	335.1	1.60	298.10	0.3	JH
24-Apr	08:00	517729	66	1793.5	2	522.70	11.2	335.5	2.00	297.80	0.2	JH
25-Apr	08:00	517795	36	1795.5	1	511.50	5.3	331.5	1.10	297.60	0.3	JH
26-Apr	08:00	517831	79	1796.5	2.4	506.20	11.2	330.4	2.30	297.30	0.3	JH
27-Apr	08:00	517910	77	1798.9	2.3	495.00	11.8	328.1	2.60	297.00	0.4	JH
28-Apr	08:00	517987	0	1801.2	0	483.20	17.2	325.5	0.00	296.60	0.0	JH
29-Apr	08:00	517987	40	1801.2	1.2	482.10	5.7	325.5	1.40	296.60	0.2	JH
30-Apr	08:00	518027	75	1802.4	2.2	476.40	47.6	324.1	324.10	296.40	0.5	JH
1-May	08:00	518102	0	1804.6	0	466.00	0.0	321.6	0.00	295.90	0.0	JH
TOT			1472				46.01		30.92			
AVE			46				1.44		0.97			
MAX			83				2.11		1.89			
MIN			0				0.98		0.55			

Jon Skar

SIGNATURE: 
PHONE: 815-560-7399

LLAGE OF CAPRON
 11/0070100
 2023 MONTHLY OPERATING REPORT
 FOR THE MONTH OF APRIL
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 VISION OF PUBLIC WATER SUPPLIES

Date	Time	Flow Meter		Hour Meter Well 3	Chlorine Feed		Phosphate Feed		Flouride Feed		Operator
		Reading	Pumpage		Scale	Ibs Used	Scale	Ibs Used	Scale	Ibs Used	
11-Mar	08:15	39255356	0	1416.3	396.80	0.0	160.8	0.00	252.60	0.0	JH
1-Apr	08:15	39288408	35012	1417.3	389.40	8.1	159	2.00	251.90	0.4	JH
2-Apr	08:15	39323420	35848	1418.4	381.30	8.2	157	1.90	251.50	0.4	JH
3-Apr	08:15	39359268	39492	1419.4	373.10	8.8	155.1	2.40	251.10	0.4	JH
4-Apr	08:15	39398760	38008	1420.6	364.30	8.3	152.7	2.20	250.70	0.4	JH
5-Apr	08:15	39436768	39220	1421.8	356.00	8.6	150.5	2.50	250.30	0.6	JH
6-Apr	08:15	39475988	35632	1423	347.40	7.5	148	2.20	249.70	0.4	JH
7-Apr	08:15	39511620	37764	1424.1	339.90	7.5	145.8	1.80	249.30	0.2	JH
8-Apr	08:15	39545584	3604	1425.1	333.00	6.9	144	0.10	249.10	0.1	JH
9-Apr	08:15	39548988	42972	1426.2	332.20	0.8	143.9	0.00	249.00	0.5	JH
10-Apr	08:15	39591960	35956	1426.5	323.5/599.4	8.7	143.9405	2.20	248.5/341	0.5	JH
11-Apr	08:15	39627916	39604	1427.6	591.80	7.6	403.1	2.20	340.50	0.4	JH
12-Apr	08:15	39667520	35136	1428.8	583.90	7.9	400.9	1.90	340.10	0.3	JH
13-Apr	08:15	39702956	39348	1429.8	576.90	7.4	399	2.40	339.80	0.5	JH
14-Apr	08:15	39742304	36768	1431	568.50	7.3	396.6	2.20	339.30	0.3	JH
15-Apr	08:15	39779072	35704	1432.1	561.20	7.3	394.4	1.80	339.00	0.4	JH
16-Apr	08:15	39814776	35832	1433.2	553.90	7.6	392.6	2.20	338.60	0.4	JH
17-Apr	08:15	39850608	35612	1434.3	546.30	7.7	390.4	1.90	338.20	0.5	JH
18-Apr	08:15	39886220	35960	1435.4	538.60	7.6	388.5	2.10	337.70	0.3	JH
19-Apr	08:15	39922180	38672	1436.5	531.00	8.2	386.4	2.30	337.00	0.4	JH
20-Apr	08:15	39960852	38644	1437.6	522.80	7.4	384.1	2.00	337.00	0.4	JH
21-Apr	08:15	39999496	34820	1438.8	515.40	6.9	382.1	1.60	336.60	0.5	JH
22-Apr	08:15	40034316	34724	1439.9	501.20	7.5	380.5	2.20	336.10	0.5	JH
23-Apr	08:15	40069040	37368	1440.9	493.70	7.0	378.3	2.30	335.30	0.3	JH
24-Apr	08:15	40106408	35436	1442	486.70	8.1	376	2.00	335.30	0.4	JH
25-Apr	08:15	40141844	39448	1443.1	478.60	8.1	374	0.00	334.90	0.6	JH
26-Apr	08:15	40181292	36680	1444.3	470.20	8.4	374	2.40	334.30	0.3	JH
27-Apr	08:15	40217972	37280	1445.4	462.00	8.2	371.6	2.20	334.00	0.4	JH
28-Apr	08:15	40255252	71556	1446.5	454.10	7.1	369.4	4.00	333.60	0.9	JH
29-Apr	08:15	40290636	36172	1447.6	447.00	7.1	367.3	2.10	333.20	0.4	JH
30-Apr	08:15	40326808	37016	1448.7	447.00	7.7	365.4	2.20	332.70	0.3	JH
1-May	08:15	40362652		1449.8	439.3		363.2		332.40		
TOT			1111588								
AVE			35858								
MAX			71556								
MIN			0								

INATURE: Jon Slear

PHONE: 815-560-7399

VILLAGE OF CAPRON IL0070100
 FOR THE MONTH OF APRIL, 2023 MONTHLY OPERATING
 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 DIVISION OF PUBLIC WATER SUPPLIES

Date	Distribution			Operator Initials
	Site #	Free Cl ₂	Total Cl ₂	PO ₄
1				
2				
3	Caseys		1.08	0.91
4	Wwtp		1.17	0.89
5	Caseys		1.50	1.51
6	Public works		1.12	0.99
7	155 shadowbrook dr		1.20	0.98
8				
9				
10	Caseys		0.96	0.91
11	Wwtp		1.11	0.99
12	Caseys		1.09	1.03
13	155 shadowbrook dr		1.10	0.89
14	Wwtp		1.01	0.78
15				
16				
17	Caseys		1.02	1.22
18	Village Hall		1.02	0.86
19	Caseys		0.92	0.80
20	Wwtp		1.02	0.77
21	Caseys		1.01	0.96
22				
23				
24	Caseys		1.04	0.89
25	155 shadowbrook dr		1.11	0.95
26	Caseys		0.95	0.50
27	Wwtp		0.85	0.75
28	Caseys		1.12	1.01
29				
30				
31				
1	Public works		1.22	0.89

Signature:  PHONE: 815-560-7399
 Jon Stear

Village of Capron
Water Treatment & Distribution

IL0070100

MONTHLY OPERATING REPORT

Daily Fluoride Analysis

Month: APRIL		Year: 2023					
Date:	Slope	mg/L Stand	Well 3	Well 2	Dist	Initial	Run date
1	93%		0.59	0.4		JH	4/4/1980
2	93%		0.55	0.78		JH	4/4/1980
3	93%		0.54	0.44		JH	4/4/1980
4	82%		0.54	0.38		JH	
5	82%		0.53	0.33		JH	
6	82%		0.5	0.57		JH	
7	82%		0.81	0.33		JH	
8	82%		0.47	0.39		JH	
9	82%		0.48	0.44		JH	
10	82%		0.44	1.5		JH	
11	95%		0.57	0.65		JH	
12	95%		0.51	0.56		JH	
13	95%		0.53	0.53		JH	
14	95%		0.52	0.27		JH	
15	95%		0.51	0.41		JH	
16	95%		0.5	0.97		JH	
17	95%		0.52	0.29		JH	
18	86%		0.57	0.89		JH	
19	86%		0.56	0.49		JH	
20	86%		0.53	1.4		JH	
21	86%		0.61	0.53		JH	
22	86%		0.56	0.89		JH	
23	86%		0.57	0.5		JH	
24	86%		0.56	0.37		JH	
25	100%		0.45	0.5		JH	
26	100%		0.45	0.44		JH	
27	100%		0.58	0.48		JH	
28	100%		0.55	0.28		JH	
29	100%		0.53	0.47		JH	
30	100%		0.53	0.48		JH	
31	100%		0.56	0.48		JH	

Ion Stair

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