



February 10, 2022

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P.O. Box 483
Peru, Illinois 61354
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800-659-4659
FAX 815-224-1688
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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):

January Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	135.25	3
Total Suspended Solids, mg/l	106	14.75
pH, S.U. (max)		7.93
Ammonia Nitrogen, mg/l		0.094625
Dissolved Oxygen, mg/l (min)		11.275
Chlorine		
Fecal Coliform, #/100		

Plant Improvements

1. We have started the process with the scada update. We had an injector crack at well 3, which we fixed. Because of that, we ordered some more spare parts so that if it happens at another well, we will have the parts on hand. We still haven't heard anything about the blower that we dropped off. We will contact them soon. Meter reads have been done and everything else is plugging away nicely.

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.

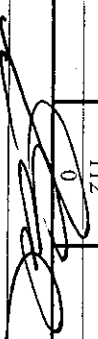
Submitted by,
Total Environmental Service Technologies, Inc.

Ion Stear
Manager

VILLAGE OF CAPRON
FOR THE MONTH OF JAN. 2022
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

Date	Time	Flow Meter		Hour Meter Well 2		Chlorine Feed			Phosphate Feed			Fluoride Feed		Operator
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Total	Scale	lbs Used	PO ₄ mg/L	Scale	lbs Used	Initials
31-Dec	08:00	490359	0	963.5	0	174.10	0.0	1.53	301.2	0.00	1.32	254.10	0.0	JH
1-Jan	08:00	490359	40	963.5	1.3	173.50	8.0	1.74	301.2	1.20	0.49	254.10	0.3	JH
2-Jan	08:00	490399	76	964.8	2.3	165.50	14.2	1.72	300	2.10	0.87	253.80	0.2	JH
3-Jan	08:00	490475	57	967.1	1.7	151.30	10.4	2.06	297.9	1.50	0.80	253.60	0.0	JH
4-Jan	08:00	490552	81	968.8	2.5	140.90	17.2	1.38	296.4	0.00	0.92	253.60	0.0	JH
5-Jan	08:00	490613	36	971.3	1.1	123.70	12.0	1.85	294.2	0.00	0.79	253.40	0.0	JH
6-Jan	08:00	490649	104	972.4	3.1	111.70	28.3	1.34	293.1	2.90	1.05	253.30	0.3	JH
7-Jan	08:00	490753	52	975.5	1.7	83.4266	4.9	1.40	290.2	1.30	0.53	253.00	0.1	JH
8-Jan	08:00	490805	0.5	977.2	0.1	261.40	0.3	2.50	288.9	0.10	0.78	252.90	0.0	JH
9-Jan	08:00	490810	70	977.3	2.2	261.10	13.6	2.50	288.8	1.90	1.40	252.90	0.1	JH
10-Jan	08:00	490880	37	979.5	1.1	247.50	5.4	1.46	286.9	1.10	1.55	252.80	0.2	JH
11-Jan	08:00	490917	36	980.6	1.1	242.10	7.2	1.68	285.8	0.90	0.78	252.60	0.2	JH
12-Jan	08:00	490953	80	981.7	2.4	234.90	16.3	1.24	284.9	2.30	1.81	252.40	2.0	JH
13-Jan	08:00	491033	36	984.1	1.1	218.60	7.2	1.36	282.6	1.00	0.42	250.40	0.0	JH
14-Jan	08:00	491069	44	985.2	1.4	211.40	9.0	1.32	281.6	1.30	1.94	250.40	0.2	JH
15-Jan	08:00	491113	31	986.6	3.3	202.40	5.8	1.43	280.3	1.00	1.04	250.20	0.1	JH
16-Jan	08:00	491144	80	989.9	1.3	196.60	15.6	1.94	279.3	2.10	0.78	250.10	0.0	JH
17-Jan	08:00	491224	41	991.2	1.4	181.00	8.3	1.53	277.2	1.10	1.47	250.10	0.0	JH
18-Jan	08:00	491265	112	992.6	2	172.70	9.1	1.51	276.1	1.40	1.15	250.10	0.0	JH
19-Jan	08:00	491377	40	994.6	1.2	163.60	12.6	2.11	274.7	2.10	2.67	250.10	0.2	JH
20-Jan	08:00	491407	48	995.8	1.2	151.00	12.0	1.44	272.6	2.30	1.12	249.90	0.1	JH
21-Jan	08:00	491455	39	997	1.2	139.00	0.0	1.34	270.3	1.10	1.39	249.80	0.0	JH
22-Jan	08:00	491494	41	998.2	1.3	139.00	4.1	0.64	269.2	1.00	0.49	249.80	0.0	JH
23-Jan	08:00	491535	80	999.5	2.4	134.90	18.8	0.72	268.2	2.40	0.66	249.80	0.1	JH
24-Jan	08:00	491615	80	1001.9	2.4	116.10	5.2	1.83	265.8	2.40	1.37	249.70	0.2	JH
25-Jan	08:00	491695	35	1004.3	1.1	110.90	6.5	0.51	263.4	2.30	0.46	249.50	0.1	JH
26-Jan	08:00	491730	76	1005.4	2.3	103.30	14.0	0.53	262.2	1.20	1.16	249.40	0.0	JH
27-Jan	08:00	491806	40	1007.7	1.3	89.30	12.0	1.42	260.2	1.10	1.03	249.40	0.0	JH
28-Jan	08:00	491846	63	1039	1.9	77.30	12.1	0.97	259.1	1.90	0.96	249.40	0.1	JH
29-Jan	08:00	491909	14	1010.9	0.4	65.20	4.2	1.63	257.2	0.40	1.79	249.30	0.0	JH
30-Jan	08:00	491923	78	1011.3	2.4	61.00	17.8	1.77	256.8	2.30	0.61	249.30	0.1	JH
31-Jan	08:00	492001	93	1013.7	2.8	43.20	18.0	1.65	254.5	2.60	1.10	249.20	0.0	JH
1-Feb	08:00	492094	0	1016.5	-1016.5	25.20	0.0	2.99	251.9	0.00	0.60	249.20	0.0	JH
TOT			1648					51.04			35.30			
AVE			53					1.55			1.07			
MAX			112					2.99			2.67			
MIN			0					0.51			0.42			

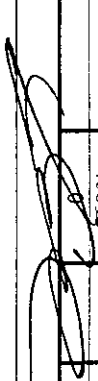
SIGNATURE:
PHONE: 815-224-1650



Jon Stear

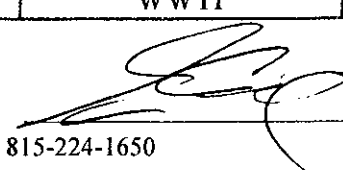
VILLAGE OF CAPRON
FOR THE MONTH OF JAN. 2022
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

Date	Time	Flow Meter		Hour Meter Well 3		Chlorine Feed			Phosphate Feed		PO4 mg/L	Flouride Feed		Operator
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Total	Scale	lbs Used		Scale	lbs Used	Initials
30-Nov	08:15	23521292	0	939.7	0	217.30	9.6	0.93	339.3	0.00	1.07	234.70	0.0	JH
1-Dec	08:15	23557842	35100	940.8	1	207.70	9.7	0.99	338.1	1.40	0.77	234.40	0.6	JH
2-Dec	08:15	23592942	4740	941.8	0.2	198.00	1.2	1.04	336.7	0.20	0.66	233.80	0.0	JH
3-Dec	08:15	23597682	22902	942	0.7	196.80	6.8	1.17	336.5	0.70	0.28	233.80	0.2	JH
4-Dec	08:15	23620584	36234	942.7	1.1	190.60	9.8	0.90	335.8	1.10	0.54	233.60	0.4	JH
5-Dec	08:15	23656818	38824	943.8	1.1	180.80	10.7	1.09	334.7	1.30	0.97	233.20	0.3	JH
6-Dec	08:15	23695642	37690	944.9	1.2	170.10	10.0	0.94	333.4	1.20	0.85	232.90	0.5	JH
7-Dec	08:15	23733332	35920	946.1	1.1	160.1/306.9	8.7	0.89	332.2	0.90	1.07	232.40	0.2	JH
8-Dec	08:15	23769252	36406	947.2	1.1	298.20	9.6	1.65	331.3	1.20	0.36	232.20	0.4	JH
9-Dec	08:15	23805658	36580	948.3	1.1	288.60	8.6	1.71	330.1	1.20	0.89	231.80	0.3	JH
10-Dec	08:15	23842238	38568	949.4	1.2	280.00	10.2	1.09	328.9	1.10	1.15	231.50	0.2	JH
11-Dec	08:15	23880806	36106	950.6	1	269.80	6.9	1.30	327.8	1.00	1.05	231.30	0.3	JH
12-Dec	08:15	23916912	35592	951.6	1.1	262.90	9.2	1.18	326.8	1.00	2.04	231.00	0.3	JH
13-Dec	08:15	23952504	37238	952.7	1.2	253.70	9.8	1.25	325.8	1.00	0.80	230.70	0.4	JH
14-Dec	08:15	23989742	39608	953.9	1.2	243.90	8.7	1.03	324.8	1.30	0.79	230.30	0.5	JH
15-Dec	08:15	24029350	35332	955.1	1	235.20	9.1	1.46	323.5	1.00	0.60	229.80	0.2	JH
16-Dec	08:15	24064682	35410	956.1	1.1	226.10	9.5	1.47	322.5	1.10	0.56	229.60	0.3	JH
17-Dec	08:15	24100092	40232	957.2	1.2	216.60	11.0	1.34	321.4	1.00	1.04	229.30	0.4	JH
18-Dec	08:15	24140324	38894	958.4	1.2	205.60	10.7	1.17	320.4	1.20	0.74	228.90	0.3	JH
19-Dec	08:15	24179218	38542	959.6	1.2	194.90	10.5	0.97	319.2	1.30	1.04	228.60	0.4	JH
20-Dec	08:15	24217760	40842	960.8	1.2	184.40	11.1	1.32	317.9	1.40	1.43	228.20	0.0	JH
21-Dec	08:15	24258602	37500	962	1.1	173.30	10.2	1.04	316.5	1.50	1.09	228.20	0.3	JH
22-Dec	08:15	24296102	34888	963.1	1.1	163.10	9.5	1.37	315	1.20	0.77	227.90	0.3	JH
23-Dec	08:15	24330990	34822	964.2	1	153.60	8.8	1.38	313.8	1.10	0.70	227.60	0.2	JH
24-Dec	08:15	24365812	40166	965.2	1.2	144.20	10.2	1.07	312.7	1.30	1.00	227.40	0.4	JH
25-Dec	08:15	24405978	40072	966.4	1.3	133.40	10.9	0.92	311.4	1.30	1.04	227.00	0.1	JH
26-Dec	08:15	24446050	40244	967.7	1.2	122.50	10.5	0.90	310.1	1.40	0.95	226.90	0.3	JH
27-Dec	08:15	24486294	38710	968.9	1.1	112.00	10.2	0.88	308.7	1.30	1.31	226.60	0.3	JH
28-Dec	08:15	24525004	39374	970	1.2	101.80	10.3	0.86	307.4	1.30	1.72	226.30	0.3	JH
29-Dec	08:15	24564378	35190	971.2	1.1	91.50	9.3	1.11	306.1	1.00	0.67	226.00	0.3	JH
30-Dec	08:15	24599568	35498	972.3	1.1	82.20	9.3	1.15	305.1	1.20	0.82	225.70	0.3	JH
31-Dec	08:15	24635066	7656	973.4	0.2	72.90	1.8	0.99	303.9	0.30	1.14	225.40	0.0	JH
1-Jan	08:15	24642722	24642722	973.6	0	71.10	0.0	1.10	303.6	0.00	0.67	225.40	0.0	JH
TOT			1077224					37.66			30.58			
AVE			34749					1.14			0.93			
MAX			40842					1.71			2.04			
MIN								0.86			0.28			

SIGNATURE:  Lou Stear
PHONE: 815-224-1650

VILLAGE OF CAPRON
FOR THE MONTH OF January 2022
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

Date	<u>Distribution</u>				Operator Initials	<u>Flouride Analysis</u>		
	Site #	Free Cl ₂	Total Cl ₂	PO ₄		1.0 mg.L Standard	Well #3	Well #2
1-Jan							0.49	1.00
2-Jan							0.39	0.33
3-Jan							0.59	0.35
4-Jan	CASEYS		0.78	0.93	JH		0.46	0.41
5-Jan	WWTP		0.93	1.05	JH		0.44	0.42
6-Jan	155 SHADOWBROOK		1.00	0.70	JH		0.43	0.53
7-Jan							0.40	0.38
8-Jan							0.43	0.36
9-Jan							0.43	0.30
10-Jan	CASEYS		0.65	1.67	JH		0.47	0.26
11-Jan	WWTP		1.18	0.82	JH		0.44	0.63
12-Jan	WWTP		0.77	0.94	JH		0.34	0.50
13-Jan	CASEYS		0.72	0.54	JH		0.36	0.34
14-Jan	CASEYS		0.77	0.79	JH		0.35	0.32
15-Jan							0.43	1.60
16-Jan							0.39	0.46
17-Jan	WWTP		1.30	0.89	JH		0.35	0.19
18-Jan	CASEYS		1.10	0.71	JH		0.36	0.46
19-Jan	PUBLIC WORKS		1.30	0.86	JH		0.50	0.34
20-Jan	155 SHADOWBROOK		1.12	1.23	JH		0.53	1.40
21-Jan	WWTP		0.99	1.03	JH		0.53	1.20
22-Jan							0.45	0.35
23-Jan							0.36	0.34
24-Jan	155 SHADOWBROOK		1.21	0.92	JH		0.32	0.31
25-Jan	CASEYS		0.95	0.86	JH		0.56	0.56
26-Jan	CASEYS		0.99	0.98	JH		0.60	0.46
27-Jan	155 SHADOWBROOK		1.17	0.64	JH		0.49	0.55
28-Jan	WWTP		0.88	0.44	JH		0.57	0.50
29-Jan							0.60	0.35
30-Jan							0.55	0.32
31-Jan	CASEYS		0.57	1.19	JH		0.64	1.40
1-Feb	WWTP		1.03	1.16	JH			

Signature: 

PHONE: 815-224-1650

Ion Stear