

December 15, 2022



2323 Fourth Street
P.O. Box 483
Peru, Illinois 61354
815-224-1650
800-659-4659
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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):

November Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	148.4	1.6
Total Suspended Solids, mg/l	109.2	<4.8
pH, S.U. (max)		7.496
Ammonia Nitrogen, mg/l		<0.07554
Dissolved Oxygen, mg/l (min)		8.758
Chlorine		
Fecal Coliform, #/100		

Plant Improvements

1. We had a water valve leak on Main St. We were unable to locate the b-box to shut the water off, so we called a company to freeze the line. In the events of this, we have received quotes to get the line professionally located so we can find all the shut offs for the building on Main St. We spent two days trying to find them ourselves and found multiple b-boxes that either did nothing or we couldn't turn on or off. The water plant is running nicely, and the water systems have been switched to winters operation. We also had all of our furnaces checked out and everything is running good.

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

Ion
SM

IL0070100
MONTHLY OPERATING REPORT
FOR THE MONTH OF Nov. 2022
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

Date	Time	Flow Meter		Hour Meter Well 2		Chlorine Feed		Phosphate Feed		Flouride Feed		Operator Initials
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Scale	lbs Used	Scale	lbs Used	
31-Oct	08:00	508070	0	1503.6	0	397.20	0.0	345.7	0.00	295.10		JH
1-Nov	08:00	508115	65	1504.9	2	387.50	16.0	344.8	1.40	294.80	0.2	JH
2-Nov	08:00	508180	92	1506.9	2.8	371.50	21.6	343.4	1.80	294.60	0.5	JH
3-Nov	08:00	508272	54	1509.7	1.6	349.90	11.0	341.6	0.90	294.10	0.3	JH
4-Nov	08:00	508326	59	1511.3	1.8	338.90	13.8	340.7	1.30	293.80	0.0	JH
5-Nov	08:00	508385	59	1513.1	1.8	325.10	19.0	339.4	1.40	293.50	0.0	JH
6-Nov	08:00	508444	46	1514.9	1.3	306.10	13.9	338	1.00	293.00	0.3	JH
7-Nov	08:00	508490	76	1516.2	2.3	292.20	17.5	337	1.40	292.70	0.4	JH
8-Nov	08:00	508566	78	1518.5	2.4	274.70	17.5	335.6	1.50	292.30	0.4	JH
9-Nov	08:00	508644	74	1520.9	2.3	257.20	13.4	334.1	1.40	291.90	0.3	JH
10-Nov	08:00	508718	36	1523.2	1	243.8/619.2	0.0	332.7	0.90	291.60	0.2	JH
11-Nov	08:00	508754	36	1524.2	1.1	619.20	4.5	331.8	0.90	291.40	0.4	JH
12-Nov	08:00	508790	79	1525.3	2.4	614.70	15.2	330.9	1.80	291.00	0.4	JH
13-Nov	08:00	508869	115	1527.7	3.5	599.50	24.0	329.1	2.40	290.60	0.6	JH
14-Nov	08:00	508984	28	1531.2	1.1	575.50	8.4	326.7	0.80	290.00	0.2	JH
15-Nov	08:00	509022	69	1532.3	2.1	567.10	14.8	325.9	1.30	289.80	0.4	JH
16-Nov	08:00	509091	69	1534.4	2.1	552.30	15.2	324.6	1.40	289.40	0.3	JH
17-Nov	08:00	509160	37	1536.5	1.1	537.10	8.6	323.2	0.90	289.10	0.3	JH
18-Nov	08:00	509197	40	1537.6	1.2	528.50	8.6	322.3	0.80	288.80	0.1	JH
19-Nov	08:00	509237	37	1538.8	1.2	519.90	9.1	321.5	0.80	288.70	0.3	JH
20-Nov	08:00	509275	89	1540	2.6	510.80	17.6	320.7	1.70	288.40	0.2	JH
21-Nov	08:00	509364	37	1542.6	1.2	493.20	8.3	319	1.00	288.20	0.2	JH
22-Nov	08:00	509401	55	1543.8	1.6	484.90	13.0	318	1.10	288.00	0.4	JH
23-Nov	08:00	509456	19	1545.4	0.6	471.90	6.1	316.9	0.40	287.60	0.0	JH
24-Nov	08:00	509475	39	1546	1.2	465.80	9.4	316.5	0.90	287.60	0.3	JH
25-Nov	08:00	509514	37	1547.2	1.1	456.40	8.5	315.6	0.90	287.30	0.1	JH
26-Nov	08:00	509551	38	1548.3	1.1	447.90	8.0	314.7	0.90	287.20	0.2	JH
27-Nov	08:00	509589	80	1549.4	2.4	439.90	19.6	313.8	1.90	287.00	0.5	JH
28-Nov	08:00	509669	76	1551.8	2.3	420.30	15.0	311.9	1.50	286.50	0.3	JH
29-Nov	08:00	509745	46	1554.1	1.4	405.3/624.8	1.8	310.4	1.10	286.20	0.4	JH
30-Nov	08:00	509791	104	1555.5	3.1	623.00	18.3	309.3	2.10	285.80	0.5	JH
1-Dec	08:00	509895	0	1558.6		604.70		307.2		285.30	285.3	JH
TOT			1769									
AVE			57									
MAX			115									
MIN			0									

SIGNATURE:  Jon Stear
PHONE: 815-560-7399

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

IL0070100

Date	Time	Flow Meter		Hour Meter Well 3		Chlorine Feed		Phosphate Feed		Flouride Feed		Operator
		Reading	Pumpage	Reading	Hours	Scale	lbs Used	Scale	lbs Used	Scale	lbs Used	
31-Oct	08:15	34010404	0	1256.9	0	509.10	0.0	401.9	0.00	308.10	0.0	JH
1-Nov	08:15	34046536	35492	1258	1.1	498.30	10.5	400.6	1.60	307.60	0.3	JH
2-Nov	08:15	34082028	36540	1259.1	1.1	487.80	10.9	399	1.20	307.30	0.4	JH
3-Nov	08:15	34118568	22828	1260.2	0.7	476.90	6.7	397.8	0.80	306.90	0.2	JH
4-Nov	08:15	34141396	36144	1260.9	1.1	470.20	10.6	397	1.30	306.70	0.3	JH
5-Nov	08:15	34177540	36856	1262	1.1	459.60	11.0	395.7	1.40	306.40	0.6	JH
6-Nov	08:15	34214396	34120	1263.1	1.1	448.60	10.2	394.3	0.10	305.80	0.3	JH
7-Nov	08:15	34248516	36460	1264.2	1.1	438.40	10.7	394.2	0.00	305.50	0.4	JH
8-Nov	08:15	34284976	36484	1265.3	1.1	427.70	10.6	394.2	2.50	305.10	0.4	JH
9-Nov	08:15	34321460	36580	1266.4	1.1	417.10	10.1	391.7	1.90	304.70	0.4	JH
10-Nov	08:15	34358040	36756	1267.5	1.1	407/594.3	10.6	389.8	2.00	304.30	0.2	JH
11-Nov	08:15	34394796	39812	1268.6	1.2	583.70	11.5	387.8	2.10	304.10	0.5	JH
12-Nov	08:15	34434608	36684	1269.8	1.1	572.20	10.7	385.7	1.70	303.60	0.4	JH
13-Nov	08:15	34471292	2864	1270.9	0.1	561.50	0.9	384	0.20	303.20	0.0	JH
14-Nov	08:15	34474156	36816	1271	1.1	560.60	10.6	383.8	1.80	303.20	0.3	JH
15-Nov	08:15	34510972	12692	1272.1	0.4	550.00	3.6	382	0.60	302.90	0.1	JH
16-Nov	08:15	34523664	37132	1272.5	1.2	546.40	10.7	381.4	2.00	302.80	0.4	JH
17-Nov	08:15	34560796	38464	1273.7	1.1	535.70	11.1	379.4	1.80	302.40	0.5	JH
18-Nov	08:15	34599260	33516	1274.8	1	524.60	9.4	377.6	1.70	301.90	0.4	JH
19-Nov	08:15	34632776	34628	1275.8	1.1	515.20	9.9	375.9	1.70	301.50	0.3	JH
20-Nov	08:15	34667404	29416	1276.9	0.9	505.30	8.2	374.2	1.50	301.20	0.3	JH
21-Nov	08:15	34696820	41376	1277.8	1.2	497.10	11.7	372.7	2.10	300.90	0.5	JH
22-Nov	08:15	34738196	38744	1279	1.2	485.40	10.8	370.6	1.90	300.40	0.4	JH
23-Nov	08:15	34776940	39520	1280.2	1.2	474.60	11.0	368.7	1.70	300.00	0.5	JH
24-Nov	08:15	34816460	35380	1281.4	1.1	463.60	9.9	367	1.80	299.50	0.2	JH
25-Nov	08:15	34851840	34808	1282.5	0.5	453.70	9.6	365.2	1.70	299.30	0.4	JH
26-Nov	08:15	34886648	33992	1283	1.6	444.10	9.1	363.5	1.60	298.90	0.4	JH
27-Nov	08:15	34920640	36516	1284.6	1.1	435.00	10.1	361.9	1.90	298.50	0.5	JH
28-Nov	08:15	34957156	37188	1285.7	1.1	424.90	10.0	360	2.00	298.00	0.4	JH
29-Nov	08:15	34994344	35624	1286.8	1.1	414.9/596.3	10.0	358	1.80	297.60	0.4	JH
30-Nov	08:15	35029968	36820	1287.9	1.1	586.30	10.3	356.2	1.90	297.20	0.5	JH
1-Dec	08:15	35066788		1289		576.00	0.0	354.3		296.70		JH
TOT			1020252									
AVE			32911									
MAX			41376									
MIN			0									

SIGNATURE: _____ Ion Stear
PHONE: 815-560-7399

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

IL0070100
MONTHLY OPERATI

Date	Site #	Distribution			Operator Initials
		Free Cl ₂	Total Cl ₂	PO ₄	
1	155 shadowbrook dr		1.10	0.88	
2	WWTP		0.76	0.61	
3	Public works		1.57	0.87	
4	Caseys		1.12	0.75	
5					
6					
7	Caseys		1.15	0.49	
8	155 shadowbrook dr		1.05	0.65	
9	WWTP		1.19	0.75	
10	Caseys		1.88	0.66	
11	Public works		1.36	0.88	
12					
13					
14	Caseys		0.96	0.71	
15	WWTP		1.10	0.85	
16	Caseys		1.02	0.94	
17	155 shadowbrook dr		1.11	0.98	
18	Village Hall		1.25	1.04	
19					
20					
21	Public works		2.08	0.56	
22	Caseys		1.25	0.83	
23	WWTP		1.64	0.94	
24					
25					
26					
27					
28	Caseys		1.20	0.72	
29	155 shadowbrook dr		1.50	0.88	
30	Caseys		1.29	0.86	
1					

Signature:

PHONE: 815-560-7399

Ion Stear

Village of Capron

Water Treatment & Distribution

IL0070100

MONTHLY OPERATING REPORT

Daily Fluoride Analysis

Month: November

Year:

2022

Date:	Slope	mg/L Stand	Well 3	Well 2	Dist	Initial	Run date
1	106%		0.49	0.29		JH	11/8/2022
2	106%		0.53	0.43		JH	11/8/2022
3	106%		0.5	1.5		JH	11/8/2022
4	106%		0.51	0.47		JH	11/8/2022
5	106%		0.49	0.27		JH	11/8/2022
6	106%		0.51	0.58		JH	11/8/2022
7	106%		0.54	0.39		JH	11/8/2022
8	93%		0.58	0.4		JH	11/16/2022
9	93%		0.5	0.41		JH	11/16/2022
10	93%		0.53	1		JH	11/16/2022
11	93%		0.49	1.2		JH	11/16/2022
12	93%		0.5	0.37		JH	11/16/2022
13	93%		0.47	1.2		JH	11/16/2022
14	93%		0.39	1.1		JH	11/16/2022
15	100%		0.52	0.4		JH	11/22/2022
16	100%		0.34	0.44		JH	11/22/2022
17	100%		0.47	0.48		JH	11/22/2022
18	100%		0.48	0.43		JH	11/22/2022
19	100%		0.46	0.37		JH	11/22/2022
20	100%		0.48	0.41		JH	11/22/2022
21	100%		0.48	0.4		JH	11/22/2022
22	90%		0.51	0.43		JH	11/30/2022
23	90%		0.52	0.46		JH	11/30/2022
24	90%		0.55	1		JH	11/30/2022
25	90%		0.52	0.42		JH	11/30/2022
26	90%		0.53	0.38		JH	11/30/2022
27	90%		0.53	0.35		JH	11/30/2022
28	90%		0.48	0.53		JH	11/30/2022
29	92%		0.3	0.54		JH	12/6/2022
30	92%		0.39	0.52		JH	12/6/2022

SIGNATURE:

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Ion Stear