

April 17, 2012



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Peru, Illinois 61354
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800-659-4659
FAX 815-224-1688
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):

March Wastewater Analyses

	Influent	Effluent
BOD, 50day, mg/l	118.2	2.8
Total Suspended Solids, mg/l	102.4	10.8
pH, S.U. (max)		6.9525
Ammonia Nitrogen, mg/l		0.11602
Dissolved Oxygen, mg/l (min)		11.038
Chlorine		
Fecal Coliform, #/100		

Plant Improvements

1. The blower we dropped off was not economical to repair. We have gotten a replacement ordered and lead time on that is 8-10 weeks. It's going to be a different brand, but the lead time for the same blower we had was 8-10 months. We're starting to get a game plan for projects once the weather breaks. The main one will be cleaning and testing water main valves.

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

Date	Time	Flow Meter		Hour Meter Well 2	Chlorine Feed			Phosphate Feed			Flourite Feed			Operator Initials
		Reading	Pumpage		Reading	Hours	Scale	Ibs Used	Total	Scale	Ibs Used	PO4 mg/L	Scale	
28-Feb	08:00	493857	0	1070.6	0	77.40	0.0	0.00	200.2	0.00	0.00	245.80	0.0	JH
1-Mar	08:00	493919	80	1072.5	2.4	62.90	23.2	1.67	198.9	1.90	1.19	245.80	0.1	JH
2-Mar	08:00	493999	36	1074.9	1.1	39.70	14.5	2.06	197	1.00	0.91	245.70	0.2	JH
3-Mar	08:00	494035	36	1076	1.1	25.20	16.3	2.50	196	1.00	0.66	245.50	0.1	JH
4-Mar	08:00	494071	77	1077.1	2.4	89.304	9.4	1.39	195	2.00	2.21	245.40	0.0	JH
5-Mar	08:00	494148	39	1079.5	1.2	294.60	12.6	2.50	193	0.90	0.71	245.30	0.0	JH
6-Mar	08:00	494187	37	1080.7	1.1	282.00	11.5	1.74	192.1	0.90	2.19	245.20	0.1	JH
7-Mar	08:00	494224	40	1081.8	1.3	270.50	13.7	1.89	191.2	1.10	0.43	245.10	0.2	JH
8-Mar	08:00	494264	76	1083.1	2.3	256.80	25.3	1.41	190.1	1.90	0.62	244.90	0.1	JH
9-Mar	08:00	494340	76	1085.4	2.3	231.50	26.6	1.67	188.2	1.90	0.56	244.80	0.2	JH
10-Mar	08:00	494416	84	1087.7	2.6	204.90	25.4	1.90	186.3	0.00	0.94	244.60	0.1	JH
11-Mar	08:00	494500	0	1090.3	0	179.50	1.3	1.49	184	0.00	0.67	244.50	0.1	JH
12-Mar	08:00	494500	40	1090.3	1.2	178.20	12.1	1.89	184	1.10	0.41	244.40	0.0	JH
13-Mar	08:00	494540	81	1091.5	2.5	166.10	24.7	2.19	182.9	2.10	0.50	244.40	0.0	JH
14-Mar	08:00	494621	79	1094	2.4	141.40	24.1	2.01	180.8	2.00	1.84	244.40	0.1	JH
15-Mar	08:00	494700	71	1096.4	2.1	117.30	21.9	1.48	178.8	1.90	1.18	244.30	0.2	JH
16-Mar	08:00	494771	44	1098.5	1.4	95.40	13.4	1.90	176.9	1.10	1.24	244.10	0.0	JH
17-Mar	08:00	494815	34	1099.9	1	82.00	22.4	1.96	175.8	0.80	1.44	244.00	0.1	JH
18-Mar	08:00	494849	39	1100.9	1.2	59.2/278.1	2.4	1.77	175	1.00	0.89	244.00	0.2	JH
19-Mar	08:00	494888	42	1102.1	1.3	275.70	12.0	2.00	174	1.20	0.68	243.80	0.2	JH
20-Mar	08:00	494930	82	1103.4	2.5	263.70	22.1	2.00	172.8	2.00	0.60	243.60	0.1	JH
21-Mar	08:00	495012	34	1105.9	1	241.60	10.4	2.00	170.8	0.90	0.94	243.50	0.0	JH
22-Mar	08:00	495046	38	1106.9	1.2	231.20	11.2	2.08	169.9	0.90	1.07	243.50	0.1	JH
23-Mar	08:00	495084	77	1108.1	2.4	220.00	22.6	1.53	169	2.00	0.80	243.40	0.2	JH
24-Mar	08:00	495161	38	1110.5	1.1	197.40	12.6	1.89	167	0.90	1.13	243.20	0.2	JH
25-Mar	08:00	495199	64	1111.6	2	184.80	20.2	1.39	166.1	1.50	0.70	243.00	0.2	JH
26-Mar	08:00	495263	37	1113.6	1.1	164.60	11.6	1.84	164.6	1.00	0.72	242.80	0.2	JH
27-Mar	08:00	495300	77	1114.7	2.4	153.00	22.8	2.20	163.6	2.00	0.94	242.60	0.1	JH
28-Mar	08:00	495377	39	1117.1	1.2	130.20	11.7	1.75	161.6	1.10	0.94	242.50	0.1	JH
29-Mar	08:00	495416	37	1118.3	1.1	118.50	10.6	1.84	160.5	0.90	1.78	242.40	0.0	JH
30-Mar	08:00	495453	39	1119.4	1.2	107.90	11.9	1.87	159.6	1.10	0.92	242.40	0.0	JH
31-Mar	08:00	495492	77	1120.6	2.3	96.00	23.1	1.56	158.5	2.30	1.05	242.40	0.2	JH
1-Apr	08:00	495569	0	1122.9	0	72.90	0.0	2.07	156.2	0.00	1.51	242.20	0.0	JH
TOT			1573					59.44			32.37			
AVE			51					1.80			0.98			
MAX			84					2.50			2.21			
MIN			0					0.00			0.00			

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		Flow Meter		Hour Meter Well 3		Chlorine Feed			Phosphate Feed		Flouride Feed		Operator	
Date	Time	Reading	Pumpage	Reading	Hours	Scale	lbs Used	Total	Scale	lbs Used	PO4 mg/L	Scale	lbs Used	Initials
28-Feb	08:15	2561388	0	1003	0	189.80	2.4	0.00	274.5	0.00	0.00	215.90	0.0	JH
1-Mar	08:15	25629356	36160	1003.5	1.1	187.40	6.9	0.77	273.9	1.60	1.35	215.70	0.3	JH
2-Mar	08:15	25665516	38274	1004.6	1.1	180.50	0.5	0.76	272.3	1.80	0.90	215.40	0.5	JH
3-Mar	08:15	25703790	38854	1005.7	1.2	180.00	1.9	1.85	270.5	1.80	0.95	214.90	0.0	JH
4-Mar	08:15	25742644	9740	1006.9	0.3	178.10	3.2	1.05	268.7	0.50	0.43	214.90	0.1	JH
5-Mar	08:15	25752384	35004	1007.2	1	174.90	0.0	1.11	268.2	1.70	0.84	214.80	0.3	JH
6-Mar	08:15	25787388	64306	1008.2	2	174.90	23.9	0.03	266.5	2.90	1.09	214.50	0.5	JH
7-Mar	08:15	25851694	38850	1010.2	1.1	151.00	13.2	1.09	263.6	1.80	1.20	214.00	0.3	JH
8-Mar	08:15	25890544	39796	1011.3	1.2	137.80	13.1	1.06	261.8	1.70	1.18	213.70	0.4	JH
9-Mar	08:15	25930340	37390	1012.5	1.2	124.70	12.3	1.08	260.1	1.70	1.23	213.30	0.4	JH
10-Mar	08:15	25967730	35888	1013.7	1.1	112.40	12.4	1.11	258.4	1.50	1.49	212.90	0.3	JH
11-Mar	08:15	26003618	35888	1014.8	1	101.00	11.3	1.14	256.9	1.70	1.11	212.60	0.5	JH
12-Mar	08:15	26039040	35812	1015.8	1.1	89.70	11.0	1.09	255.2	1.60	1.18	212.10	0.4	JH
13-Mar	08:15	26074852	36352	1016.9	1.1	78.70	10.8	1.40	253.6	1.50	1.12	211.70	0.4	JH
14-Mar	08:15	26111204	1094	1018	0	67.90	0.3	0.98	252.1	0.20	1.63	211.30	0.1	JH
15-Mar	08:15	26112298	37758	1018	1.2	67.60	11.4	1.08	251.9	1.90	1.06	211.20	0.5	JH
16-Mar	08:15	26150056	35994	1019.2	1.1	56.20	9.5	0.76	250	1.50	1.09	210.70	0.4	JH
17-Mar	08:15	26186050	36532	1020.3	1.1	46.70	8.7	0.79	248.5	1.70	1.07	210.30	0.3	JH
18-Mar	08:15	26222582	34696	1021.4	1	38/326.7	7.9	0.77	246.8	1.60	0.90	210.00	0.4	JH
19-Mar	08:15	2625278	35118	1022.4	1.1	318.80	8.7	1.21	245.2	1.60	0.95	209.60	0.4	JH
20-Mar	08:15	26292396	40720	1023.5	1.2	310.10	9.4	0.79	243.6	1.70	1.19	209.20	0.4	JH
21-Mar	08:15	26333116	38592	1024.7	1.2	300.70	8.9	0.96	241.9	1.60	1.21	208.80	0.5	JH
22-Mar	08:15	26371708	36772	1025.9	1.1	291.80	9.1	0.76	240.3	1.60	1.10	208.30	0.3	JH
23-Mar	08:15	26408480	39914	1027	1.2	282.70	0.4	0.78	238.7	1.80	1.37	208.00	0.5	JH
24-Mar	08:15	26448394	38442	1028.2	1.2	282.30	11.4	0.43	236.9	1.70	1.29	207.50	0.4	JH
25-Mar	08:15	26486836	10394	1029.4	0.3	270.90	2.4	0.99	235.2	0.60	1.07	207.10	0.1	JH
26-Mar	08:15	26497230	34790	1029.7	1	268.50	10.6	0.70	234.6	1.60	0.80	207.00	0.5	JH
27-Mar	08:15	26532020	40328	1030.7	1.3	257.90	11.0	1.22	233	1.80	0.93	206.50	0.4	JH
28-Mar	08:15	26573248	39100	1032	1.1	246.90	9.8	0.96	231.2	1.70	0.90	206.10	0.4	JH
29-Mar	08:15	26611448	38248	1033.1	1.2	237.10	9.7	0.98	229.5	1.60	1.12	205.70	0.2	JH
30-Mar	08:15	26649696	38768	1034.3	1.2	227.40	9.6	1.25	227.9	1.60	1.19	205.50	0.4	JH
31-Mar	08:15	26688464	35204	1035.5	1	217.80	8.5	0.92	226.3	1.60	1.19	205.10	0.4	JH
1-Apr	08:15	26723668	0	1036.5	0	209.30	0.0	0.91	224.7	0.00	1.57	204.70	0.4	JH
TOT			1059574					30.78				35.70		
AVE			34180					0.93				1.08		
MAX			64306					1.85				1.63		
MIN			0					0.00				0.00		

SIGNATURE: _____
PHONE: 815-224-1650

lon Stear

Village of Capron

Water Treatment & Distribution

IL0070100

MONTHLY OPERATING REPORT

Daily Fluoride Analysis

Month: MARCH

Year: 2022

Date:	Slope	1.0 mg/L Standard	Well 3	Well 2	Dist	Initial	Run date
1	93%		0.47	0.34		JH	3/7/2022
2	93%		0.46	0.46		JH	3/7/2022
3	93%		0.38	0.95		JH	3/7/2022
4	93%		0.38	0.33		JH	3/7/2022
5	93%		0.3	0.34		JH	3/7/2022
6	93%		0.46	0.29		JH	3/7/2022
7	93%		0.51	0.5		JH	3/7/2022
8	102%		0.49	0.38		JH	3/15/2022
9	102%		0.53	0.44		JH	3/15/2022
10	102%		0.56	2.6		JH	3/15/2022
11	102%		0.57	1.6		JH	3/15/2022
12	102%		0.61	0.41		JH	3/15/2022
13	102%		0.63	0.38		JH	3/15/2022
14	102%		0.63	0.51		JH	3/15/2022
15	85%		0.35	2		JH	3/22/2022
16	85%		0.51	2		JH	3/22/2022
17	85%		0.54	1.5		JH	3/22/2022
18	85%		0.59	0.34		JH	3/22/2022
19	85%		0.58	0.33		JH	3/22/2022
20	85%		0.53	0.38		JH	3/22/2022
21	85%		0.6	0.8		JH	3/22/2022
22	101%		0.59	0.66		JH	3/29/2022
23	101%		0.51	0.47		JH	3/29/2022
24	101%		0.58	0.67		JH	3/29/2022
25	101%		0.58	0.51		JH	3/29/2022
26	101%		0.52	0.44		JH	3/29/2022
27	101%		0.54	0.67		JH	3/29/2022
28	101%		0.57	0.62		JH	3/29/2022
29	101%		1	0.45		JH	4/1/2022
30	101%		0.89	0.48		JH	4/1/2022
31	101%		0.91	0.42		JH	4/1/2022

SIGNATURE:

PHONE: 815-224-1650

Ion Stear

VILLAGE OF CAPRON

IL0070100

FOR THE MONTH OF MARCH 2022

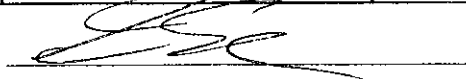
MONTHLY OPERATING

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

DIVISION OF PUBLIC WATER SUPPLIES

Date	Site #	Distribution			Operator Initials
		Free Cl ₂	Total Cl ₂	PO ₄	
2/28/2022	CASEY'S		0.31	1.11	Jh
3/1/2022	155 SHADOWBROOK DR		0.73	1.59	Jh
3/2/2022	155 SHADOWBROOK DR		0.81	1.21	Jh
3/3/2022	WWTP		1.36	0.70	Jh
3/4/2022	CASEY'S		0.48	0.83	Jh
3/5/2022					
3/6/2022					
3/7/2022	WWTP		1.12	0.92	Jh
3/8/2022	CASEY'S		0.78	0.96	Jh
3/9/2022	Public Works		1.72	0.82	Jh
3/10/2022	CASEY'S		0.81	1.16	Jh
3/11/2022	WWTP		1.31	0.94	Jh
3/12/2022					
3/13/2022					
3/14/2022	CASEY'S		0.97	1.14	Jh
3/15/2022	WWTP		1.17	1.10	Jh
3/16/2022	CASEY'S		1.13	1.35	Jh
3/17/2022	WWTP		1.31	1.06	Jh
3/18/2022	155 SHADOWBROOK DR		1.19	1.00	
3/19/2022					
3/20/2022					
3/21/2022	CASEY'S		0.89	1.06	
3/22/2022	WWTP		0.80	0.84	
3/23/2022	155 SHADOWBROOK DR		1.04	0.90	
3/24/2022	CASEY'S		0.81	0.96	
3/25/2022	WWTP		1.20	1.00	
3/26/2022					
3/27/2022					
3/28/2022	CASEY'S		0.75	0.66	
3/29/2022	Village hall		1.56	0.55	
3/30/2022	WWTP		1.31	1.25	
3/31/2022	Public works		1.69	0.86	
4/1/2022	CASEY'S		0.79	0.73	

Signature:



Ion Stear

PHONE: 815-224-1650