



PUBLIC WORKS

Water Division

IEPA - Rockford Regional Office

4302 N. Main St

Rockford, IL 61103

December 4, 2023

Re: Monthly Operating Reports: City of Sycamore – IL0370550

Please find the enclosed operating reports for the City of Sycamore, IL.

- Monthly Operating Reports
- Water Quality Control
- Monthly Chlorine Distribution

Should you have any questions or concerns, please contact me at (815) 895-3545 or by email at maanderson@cityofsycamore.com

Sincerely Yours,

Matt Anderson
City of Sycamore
Director of Public Works

Water Division

Monthly Operations Report

November 2023

DATE	HOURS RUN	PUMPAGE (WELL)	PUMPAGE (WRT)	WELL (gpm)	WRT (gpm)	CHLORINE (pounds)	CHLORINE (ppm)	FLUORIDE (pounds)	FLUORIDE (ppm)	PHOSPHATE (pounds)	PHOSPHATE (ppm)
11/1/2023	27.5	1,407,000	1,406,000	852.73	852.12	57	4.86	15	0.83	60	0.17
11/2/2023	26	1,403,000	1,408,000	899.36	902.56	57	4.87	17	0.87	58	0.17
11/3/2023	44.5	2,326,000	2,320,000	871.16	868.91	97	5.00	23	0.81	106	0.19
11/4/2023	21	1,101,000	1,111,000	873.81	881.75	46	5.01	14	0.89	45	0.17
11/5/2023	33	1,592,000	1,588,000	804.04	802.02	62	4.67	18	0.85	74	0.19
11/6/2023	32	1,627,000	1,638,000	847.40	853.13	64	4.72	21	0.90	69	0.17
11/7/2023	34	1,808,000	1,797,000	886.27	880.88	62	4.11	19	0.83	80	0.18
11/8/2023	36	1,990,000	1,971,000	921.30	912.50	76	4.58	16	0.76	88	0.18
11/9/2023	33	1,695,000	1,716,000	856.06	866.67	69	4.88	23	0.91	71	0.17
11/10/2023	19	1,139,000	1,144,000	999.12	1,003.51	45	4.74	13	0.85	42	0.15
11/11/2023	37	1,644,000	1,633,000	740.54	735.59	64	4.67	18	0.84	83	0.21
11/12/2023	30	1,564,000	1,550,000	868.89	861.11	59	4.52	16	0.82	73	0.19
11/13/2023	32.5	1,814,000	1,801,000	930.26	923.59	70	4.63	19	0.83	82	0.18
11/14/2023	25	1,487,000	1,486,000	991.33	990.67	58	4.68	17	0.86	59	0.16
11/15/2023	40.5	2,153,000	2,148,000	886.01	883.95	90	5.01	24	0.85	93	0.18
11/16/2023	18	1,085,000	1,094,000	1,004.63	1,012.96	42	4.64	13	0.87	38	0.14
11/17/2023	44	2,254,000	2,256,000	853.79	854.55	88	4.68	23	0.82	94	0.17
11/18/2023	28	1,527,000	1,524,000	908.93	907.14	63	4.95	18	0.87	62	0.17
11/19/2023	26	1,504,000	1,505,000	964.10	964.74	59	4.70	18	0.87	62	0.17
11/20/2023	43	2,258,000	2,242,000	875.19	868.99	91	4.83	20	0.78	103	0.19
11/21/2023	24	1,283,000	1,283,000	890.97	890.97	52	4.86	12	0.80	50	0.16
11/22/2023	29	1,550,000	1,557,000	890.80	894.83	64	4.95	21	0.91	76	0.20
11/23/2023	31	1,646,000	1,646,000	884.95	884.95	65	4.73	18	0.84	69	0.17
11/24/2023	25	1,282,000	1,276,000	854.67	850.67	53	4.96	14	0.84	51	0.16
11/25/2023	29	1,518,000	1,521,000	872.41	874.14	61	4.82	19	0.89	66	0.18
11/26/2023	26	1,524,000	1,511,000	976.92	968.59	57	4.48	15	0.81	65	0.17
11/27/2023	31	1,504,000	1,523,000	808.60	818.82	59	4.70	20	0.91	63	0.17
11/28/2023	22	1,216,000	1,214,000	921.21	919.70	44	4.34	13	0.83	44	0.15
11/29/2023	43.5	2,226,000	2,893,000	852.87	1,108.43	90	4.85	28	0.89	91	0.17
11/30/2023	20	1,100,000	440,000	916.67	366.67	45	4.91	11	0.82	43	0.16
TOTALS											
MONTH	910.5	48,227,000	48,202,000	882.79	882.34	1,909	4.75	536	0.85	2,060	0.17
YEAR	12,403.8	640,376,000	641,664,000	860.46	862.19	25,515	4.78	7,253	0.85	27,706	0.18

City of Sycamore - Facility #0370550

WELL 6

DATE	HOURS RUN	WELL6 RAW	WELL 6 GPM	WRT PUMPED	WRT GPM	CHLORINE (pounds)	CHLORINE (ppm)	FLUORIDE (pounds)	FLOURIDE (ppm)	PHOSPHATE (pounds)	PHOSPHATE (ppm)
11/1/2023	12	627,000	870.83	619,000	859.72	23	4.40	5	0.69	28	0.18
11/2/2023	8	447,000	931.25	440,000	916.67	15	4.02	3	0.66	20	0.18
11/3/2023	16	824,000	858.33	811,000	844.79	29	4.22	6	0.67	38	0.19
11/4/2023	5	259,000	863.33	256,000	853.33	9	4.17	2	0.69	12	0.19
11/5/2023	13	675,000	865.38	664,000	851.28	26	4.62	5	0.68	30	0.18
11/6/2023	10	527,000	878.33	520,000	866.67	20	4.55	4	0.68	24	0.19
11/7/2023	8	409,000	852.08	403,000	839.58	14	4.10	3	0.68	19	0.19
11/8/2023	7	352,000	838.10	346,000	823.81	14	4.77	2	0.63	16	0.19
11/9/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/10/2023	6	341,000	947.22	336,000	933.33	13	4.57	3	0.72	15	0.18
11/11/2023	17	872,000	854.90	859,000	842.16	33	4.54	6	0.66	40	0.19
11/12/2023	9	463,000	857.41	457,000	846.30	19	4.92	4	0.71	21	0.18
11/13/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/14/2023	6	336,000	933.33	330,000	916.67	13	4.64	3	0.72	16	0.19
11/15/2023	11	553,000	837.88	545,000	825.76	21	4.55	5	0.72	25	0.18
11/16/2023	3	171,000	950.00	169,000	938.89	7	4.91	1	0.63	7	0.17
11/17/2023	10	527,000	878.33	518,000	863.33	21	4.78	4	0.68	22	0.17
11/18/2023	5	268,000	893.33	264,000	880.00	11	4.92	3	0.78	13	0.20
11/19/2023	4	243,000	1,012.50	239,000	995.83	9	4.44	2	0.70	11	0.18
11/20/2023	13	679,000	870.51	670,000	858.97	28	4.94	5	0.68	30	0.18
11/21/2023	6	298,000	827.78	294,000	816.67	11	4.43	2	0.66	14	0.19
11/22/2023	4	222,000	925.00	219,000	912.50	8	4.32	2	0.72	24	0.44
11/23/2023	8	444,000	925.00	437,000	910.42	16	4.32	3	0.66	20	0.18
11/24/2023	8	389,000	810.42	378,000	787.50	14	4.32	3	0.69	17	0.18
11/25/2023	8	434,000	904.17	432,000	900.00	17	4.70	4	0.73	20	0.19
11/26/2023	10	531,000	885.00	523,000	871.67	20	4.52	4	0.68	24	0.18
11/27/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/28/2023	9	465,000	861.11	458,000	848.15	17	4.38	3	0.65	21	0.18
11/29/2023	0	0	#DIV/0!	660,000	#DIV/0!	0	#DIV/0!	0	0.47	0	#DIV/0!
11/30/2023	12	670,000	930.56	0	0.00	26	4.65	5	#DIV/0!	31	0.19
TOTALS											
MONTH	228	12,026,000	879.09	11,847,000	866.01	454	4.59	92	0.80	558	0.19
YEAR	3,259.0	170,317,000	871.01	167,827,000	858.27	6,361	4.54	1,170	0.79	7,301	0.18

**City of Sycamore - Facility #0370550
WELL 7**

DATE	HOURS RUN	WELL 7 RAW	WELL 7 GPM	Finished PUMPED	Finished GPM	CHLORINE (pounds)	CHLORINE (ppm)	FLUORIDE (pounds)	FLUORIDE (ppm)	PHOSPHATE (pounds)	PHOSPHATE (ppm)
11/1/2023	6.5	285,000	730.77	285,000	730.77	12	5.05	2	0.69	14	0.20
11/2/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/3/2023	6.5	306,000	784.62	306,000	784.62	16	6.27	2	0.68	15	0.20
11/4/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/5/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/6/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/7/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/8/2023	8	406,000	845.83	406,000	845.83	18	5.32	2	0.64	18	0.18
11/9/2023	8	396,000	825.00	396,000	825.00	16	4.84	3	0.71	18	0.19
11/10/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/11/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/12/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/13/2023	7.5	378,000	840.00	378,000	840.00	18	5.71	4	0.79	18	0.19
11/14/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/15/2023	8.5	383,000	750.98	383,000	750.98	20	6.26	3	0.72	20	0.21
11/16/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/17/2023	7	332,000	790.48	332,000	790.48	13	4.70	2	0.67	14	0.17
11/18/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/19/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/20/2023	7	364,000	866.67	364,000	866.67	18	5.93	3	0.73	17	0.19
11/21/2023	8	406,000	845.83	406,000	845.83	17	5.02	3	0.70	17	0.17
11/22/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/23/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/24/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/25/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/26/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/27/2023	6	302,000	838.89	302,000	838.89	11	4.37	2	0.68	12	0.16
11/28/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/29/2023	7.5	380,000	844.44	380,000	844.44	16	5.05	3	0.72	16	0.17
11/30/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
TOTALS											
MONTH	80.5	3,938,000	815.32	3,938,000	815.32	175	5.33	29	0.79	179	0.19
YEAR	1,384.8	63,061,000	758.99	63,061,000	758.99	2,812	5.35	532	0.82	3,032	0.20

**City of Sycamore - Facility #0370550
WELL 8**

DATE	HOURS RUN	WELL 8 RAW	WELL 8 GPM	WRT PUMPED	WRT GPM	CHLORINE (pounds)	CHLORINE (ppm)	FLUORIDE (pounds)	FLOURIDE (ppm)	PHOSPHATE (pounds)	PHOSPHATE (ppm)
11/1/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/2/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/3/2023	2	139,000	1,158.33	138,000	1,150.00	7	6.04	1	0.70	7	0.21
11/4/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/5/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/6/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/7/2023	13	824,000	1,056.41	815,000	1,044.87	26	3.78	7	0.74	33	0.16
11/8/2023	15	1,020,000	1,133.33	1,007,000	1,118.89	36	4.23	9	0.75	41	0.16
11/9/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/10/2023	5	308,000	1,026.67	306,000	1,020.00	10	3.89	2	0.68	11	0.15
11/11/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/12/2023	10	669,000	1,115.00	661,000	1,101.67	23	4.12	6	0.75	27	0.16
11/13/2023	16	1,074,000	1,118.75	1,061,000	1,105.21	38	4.24	9	0.73	43	0.16
11/14/2023	10	662,000	1,103.33	655,000	1,091.67	25	4.53	6	0.75	28	0.17
11/15/2023	4	296,000	1,233.33	292,000	1,216.67	10	4.05	2	0.69	12	0.17
11/16/2023	5	321,000	1,070.00	317,000	1,056.67	8	2.99	3	0.76	13	0.17
11/17/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/18/2023	10	627,000	1,045.00	620,000	1,033.33	25	4.78	5	0.72	25	0.16
11/19/2023	6	418,000	1,161.11	413,000	1,147.22	15	4.30	4	0.77	17	0.17
11/20/2023	10	666,000	1,110.00	659,000	1,098.33	23	4.14	5	0.71	27	0.17
11/21/2023	4	256,000	1,066.67	253,000	1,054.17	9	4.22	3	0.83	10	0.16
11/22/2023	2	170,000	1,416.67	168,000	1,400.00	6	4.23	1	0.66	7	0.17
11/23/2023	7	455,000	1,083.33	449,000	1,069.05	16	4.22	4	0.75	19	0.17
11/24/2023	5	287,000	956.67	285,000	950.00	12	5.01	2	0.69	11	0.16
11/25/2023	4	305,000	1,270.83	301,000	1,254.17	11	4.32	3	0.77	13	0.17
11/26/2023	10	667,000	1,111.67	658,000	1,096.67	24	4.31	6	0.75	27	0.17
11/27/2023	1	51,000	850.00	54,000	900.00	2	4.70	0	0.50	3	0.24
11/28/2023	4	277,000	1,154.17	272,000	1,133.33	6	2.60	2	0.70	11	0.16
11/29/2023	11	684,000	1,036.36	676,000	1,024.24	25	4.38	6	0.74	28	0.17
11/30/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
TOTALS											
MONTH	154	10,176,000	1,101.30	10,060,000	1,088.74	357	4.26	86	0.82	413	0.17
YEAR	825.0	48,939,000	988.67	48,415,000	978.08	1,777	4.40	564	0.89	2,319	0.20

City of Sycamore - Facility #0370550

WELL 9

DATE	HOURS RUN	WELL 9 RAW	WELL 9 GPM	WRT PUMPED	WRT GPM	CHLORINE (pounds)	CHLORINE (ppm)	FLUORIDE (pounds)	FLOURIDE (ppm)	PHOSPHATE (pounds)	PHOSPHATE (ppm)
11/1/2023	6	322,000	894.44	329,000	913.89	15	5.59	6	0.92	11	0.14
11/2/2023	10	564,000	940.00	576,000	960.00	27	5.74	9	0.85	20	0.14
11/3/2023	5	307,000	1,023.33	315,000	1,050.00	14	5.47	4	0.77	10	0.13
11/4/2023	10	561,000	935.00	574,000	956.67	26	5.56	9	0.85	19	0.14
11/5/2023	5	284,000	946.67	291,000	970.00	13	5.49	4	0.80	10	0.14
11/6/2023	14	765,000	910.71	783,000	932.14	31	4.86	12	0.84	26	0.14
11/7/2023	3	156,000	866.67	160,000	888.89	5	3.84	3	0.94	5	0.13
11/8/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/9/2023	16	888,000	925.00	909,000	946.88	37	5.00	14	0.84	31	0.14
11/10/2023	8	490,000	1,020.83	502,000	1,045.83	22	5.38	8	0.86	16	0.13
11/11/2023	2	72,000	600.00	74,000	616.67	4	6.66	1	0.79	2	0.11
11/12/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/13/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/14/2023	9	489,000	905.56	501,000	927.78	20	4.90	8	0.86	15	0.13
11/15/2023	7	397,000	945.24	404,000	961.90	18	5.44	7	0.90	11	0.11
11/16/2023	10	593,000	988.33	608,000	1,013.33	27	5.46	9	0.83	18	0.12
11/17/2023	8	461,000	960.42	472,000	983.33	19	4.94	7	0.83	14	0.12
11/18/2023	6	329,000	913.89	337,000	936.11	14	5.10	6	0.91	9	0.11
11/19/2023	8	441,000	918.75	451,000	939.58	20	5.44	7	0.85	13	0.12
11/20/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/21/2023	6	323,000	897.22	330,000	916.67	15	5.57	4	0.75	9	0.11
11/22/2023	12	658,000	913.89	670,000	930.56	30	5.47	11	0.87	18	0.11
11/23/2023	7	408,000	971.43	421,000	1,002.38	20	5.88	6	0.81	11	0.11
11/24/2023	6	343,000	952.78	350,000	972.22	16	5.59	6	0.89	8	0.10
11/25/2023	7	396,000	942.86	405,000	964.29	18	5.45	6	0.83	10	0.10
11/26/2023	2	131,000	1,091.67	135,000	1,125.00	5	4.58	2	0.83	3	0.09
11/27/2023	12	671,000	931.94	687,000	954.17	30	5.36	11	0.86	19	0.12
11/28/2023	8	444,000	925.00	454,000	945.83	20	5.40	7	0.85	11	0.10
11/29/2023	12	642,000	891.67	657,000	912.50	29	5.42	11	0.88	16	0.10
11/30/2023	8	430,000	895.83	440,000	916.67	19	5.30	6	0.80	12	0.11
TOTALS											
MONTH	207	11,565,000	931.16	11,835,000	952.90	514	5.21	184	0.78	347	0.12
YEAR	3,249.0	181,478,000	930.94	185,780,000	953.01	8,033	5.18	2,744	0.76	6,811	0.15

**City of Sycamore - Facility #0370550
WELL 10**

DATE	HOURS	WELL 10	WELL 10	WRT	WRT	CHLORINE	CHLORINE	FLUORIDE	FLUORIDE	PHOSPHATE	PHOSPHATE
YEAR	RUN	RAW	GPM	PUMPED	GPM	(pounds)	(ppm)	(pounds)	(ppm)	(pounds)	(ppm)
11/1/2023	3	173,000	961.11	173,000	961.11	7	4.85	2	0.78	7	0.16
11/2/2023	8	392,000	816.67	392,000	816.67	15	4.59	5	0.81	18	0.19
11/3/2023	15	750,000	833.33	750,000	833.33	31	4.96	10	0.83	36	0.20
11/4/2023	6	281,000	780.56	281,000	780.56	11	4.69	3	0.75	14	0.20
11/5/2023	15	633,000	703.33	633,000	703.33	23	4.36	9	0.85	34	0.22
11/6/2023	8	335,000	697.92	335,000	697.92	13	4.65	5	0.87	19	0.23
11/7/2023	10	419,000	698.33	419,000	698.33	17	4.86	6	0.85	23	0.22
11/8/2023	6	212,000	588.89	212,000	588.89	8	4.52	3	0.85	13	0.25
11/9/2023	9	411,000	761.11	411,000	761.11	16	4.67	6	0.86	22	0.22
11/10/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/11/2023	18	700,000	648.15	700,000	648.15	27	4.62	11	0.89	41	0.24
11/12/2023	11	432,000	654.55	432,000	654.55	17	4.72	6	0.84	25	0.24
11/13/2023	9	362,000	670.37	362,000	670.37	14	4.64	6	0.92	21	0.24
11/14/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/15/2023	10	524,000	873.33	524,000	873.33	21	4.81	7	0.83	25	0.19
11/16/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/17/2023	19	934,000	819.30	934,000	819.30	35	4.49	10	0.76	44	0.19
11/18/2023	7	303,000	721.43	303,000	721.43	13	5.14	4	0.82	15	0.20
11/19/2023	8	402,000	837.50	402,000	837.50	15	4.47	5	0.80	21	0.21
11/20/2023	13	549,000	703.85	549,000	703.85	22	4.80	7	0.81	29	0.22
11/21/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
11/22/2023	11	500,000	757.58	500,000	757.58	20	4.80	7	0.85	27	0.22
11/23/2023	9	339,000	627.78	339,000	627.78	13	4.60	5	0.87	19	0.23
11/24/2023	6	263,000	730.56	263,000	730.56	11	5.01	3	0.77	15	0.23
11/25/2023	10	383,000	638.33	383,000	638.33	15	4.70	6	0.89	23	0.24
11/26/2023	4	195,000	812.50	195,000	812.50	8	4.92	3	0.88	11	0.23
11/27/2023	12	480,000	666.67	480,000	666.67	16	4.00	7	0.86	29	0.25
11/28/2023	1	30,000	500.00	30,000	500.00	1	4.00	1	1.38	1	0.14
11/29/2023	13	520,000	666.67	520,000	666.67	20	4.61	8	0.88	31	0.24
11/30/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
TOTALS											
MONTH	241	10,522,000	727.66	10,522,000	727.66	409	4.66	145	0.94	563	0.22
YEAR	3,686.0	176,581,000	798.43	176,581,000	798.43	6,532	4.44	2,243	0.92	8,243	0.19

City of Sycamore
Distribution Chlorine Residuals
Facility #0370550



Date	Area #1		Area #2		Area # 3		Tower #1		Comments
	Total Chlorine	Free Chlorine	Total Chlorine	Free Chlorine	Total Chlorine	Free Chlorine	Total Chlorine	Free Chlorine	
11/1/2023	1.10	1.03	1.54	1.35	1.35	1.14	0.77	0.70	Well 6 7 10
11/2/2023	1.12	1.01	1.49	1.36	0.84	0.74	1.5	1.00	Wells 6,7 &10
11/3/2023	1.21	1.12	1.31	1.20	1.35	1.18	0.74	0.70	Wells 9 7
11/4/2023							0.99	0.91	
11/5/2023							0.76	0.67	
11/6/2023	1.26	1.16	1.48	1.31	1.43	1.29	0.59	0.55	Well 9
11/7/2023	1.06	0.91	1.46	1.33	1.58	1.31	0.72	0.67	Well 6 10
11/8/2023	0.98	0.84	1.15	0.99	1.31	1.2	2.2	2.10	Well 7
11/9/2023	0.89	0.79	1.1	0.99	0.86	0.7	1.1	1.03	Well 7
11/10/2023							0.99	0.86	Well 9
11/11/2023							0.91	0.80	
11/12/2023							1.52	1.33	
11/13/2023	0.81	0.69	1.4	1.11	1.07	0.86	1.15	1.05	Well 7
11/14/2023	0.93	0.78	1.16	1.04	1.02	0.91	1.48	1.34	Well 8
11/15/2023	1.06	0.90	1.22	1.07	1.26	1.09	1.31	1.15	All Wells (samples)
11/16/2023	0.76	0.63	0.96	0.81	0.81	0.61	1.11	1.03	Well 6 10
11/17/2023	1.06	0.98	1.35	1.17	1.33	1.18	1.06	0.93	Well 7
11/18/2023									
11/19/2023									
11/20/2023	1.06	0.96	1.36	1.20	1.47	1.21	1.21	1.07	Well 7
11/21/2023	0.86	0.79	1.2	0.93	1.07	0.92	0.96	0.90	
11/22/2023	0.93	0.81	1.12	0.97	1.04	0.89	1.02	0.91	Well6
11/23/2023							1.04	0.92	
11/24/2023							0.98	0.92	
11/25/2023							0.94	0.89	
11/26/2023							0.93	0.85	
11/27/2023	0.70	0.60	1.22	1.06	0.6	0.56	0.84	0.82	Well 7 + Well8
11/28/2023	0.90	0.70	0.96	0.88	0.99	0.71	0.88	0.81	Well 8
11/29/2023	0.90	0.69	1.26	0.99	0.54	0.5	1.05	0.95	Well 7
11/30/2023	0.77	0.66	1.2	1.00	1.21	1.06	0.85	0.81	none

WELL 6

Water Quality Control

Date	Total Chlorine	Fluoride	Phosphate	Initials	Comments
11/1/2023	4.6	0.80	0.30		running
11/2/2023	5.1	0.90	0.13		running
11/3/2023	2.2	0.80	0.26		tube
11/4/2023					
11/5/2023					
11/6/2023	3.5	1.00	0.30		tube
11/7/2023	4.7	1.00	0.28		running
11/8/2023	3.7	0.90	0.71		tube
11/9/2023	2.0	1.00	0.78		tube
11/10/2023					
11/11/2023					
11/12/2023					
11/13/2023	2.1	0.90	0.72		
11/14/2023	2.2	0.90	0.50		tube
11/15/2023	5.0	0.80	0.63		running
11/16/2023	4.4	0.90	0.48		running
11/17/2023	1.9	0.80	0.43		tube
11/18/2023					
11/19/2023					
11/20/2023	4.0	1.00	0.21		running
11/21/2023	4.7	0.90	0.40		
11/22/2023	3.9	0.80	0.28		running
11/23/2023					
11/24/2023					
11/25/2023					
11/26/2023					
11/27/2023	1.8	0.90	0.64		tube
11/28/2023	3.6	1.00	0.48		tube
11/29/2023	4.3	1.00	0.66		tube
11/30/2023	4.3	1.00	0.43		

WELL 7
Water Quality Control

Date	Total Chlorine	Fluoride	Phosphate	Initials	Comments
11/1/2023	4.9	0.80	0.32		running
11/2/2023					
11/3/2023	5.2	0.80	0.32		running
11/4/2023					
11/5/2023					
11/6/2023					
11/7/2023					
11/8/2023	5.0	0.83	0.71		running
11/9/2023	5.1	0.80	0.83		running
11/10/2023					
11/11/2023					
11/12/2023					
11/13/2023	5.2	1.00	0.74		running
11/14/2023					
11/15/2023	4.9	0.90	0.70		running
11/16/2023					
11/17/2023	5.4	0.90	0.86		running
11/18/2023					
11/19/2023					
11/20/2023	4.9	1.00	0.97		running
11/21/2023	4.7	1.00	0.40		running
11/22/2023					
11/23/2023					
11/24/2023					
11/25/2023					
11/26/2023					
11/27/2023	5.4	0.90	0.54		running
11/28/2023					
11/29/2023	3.9	1.00	0.73		running
11/30/2023					

WELL 8

Water Quality Control

Date	Total Chlorine	Fluoride	Phosphate	Initials	Comments
11/1/2023					out of service
11/2/2023					out of service
11/3/2023					out of service
11/4/2023					
11/5/2023					
11/6/2023	1.1	0.80	0.74		tube
11/7/2023	4.3	0.80	0.98		tube
11/8/2023	5.4	0.80	0.70		tube
11/9/2023	3.9	1.00	0.77		tube
11/10/2023					
11/11/2023					
11/12/2023					
11/13/2023	5.4	0.80	0.96		tube
11/14/2023	4.9	0.90	0.48		tube
11/15/2023	5.2	0.70	0.38		running
11/16/2023	4.2	0.70	0.72		tube
11/17/2023	4.1	0.80	0.74		tube
11/18/2023					
11/19/2023					
11/20/2023	3.5	0.80	0.91		tube
11/21/2023	4.3	0.80	0.98		tube
11/22/2023	3.1	0.80	0.96		tube
11/23/2023					
11/24/2023					
11/25/2023					
11/26/2023					
11/27/2023	3.0	0.90	0.81		running
11/28/2023	4.0	0.80	0.59		tube
11/29/2023	3.8	0.80	0.58		tube
11/30/2023	2.9	1.00	0.82		tube

WELL 9

Water Quality Control

Date	Total Chlorine	Fluoride	Phosphate	Initials	Comments
11/1/2023	4.7	0.80	0.52		tube
11/2/2023	4.9	0.90	0.43		tube
11/3/2023	4.9	0.80	0.41		running
11/4/2023					
11/5/2023					
11/6/2023	5.4	0.90	0.14		running
11/7/2023	3.9	1.00	0.55		tube
11/8/2023	3.9	0.90	0.39		tube
11/9/2023	3.9	0.90	0.25		tube
11/10/2023					
11/11/2023					
11/12/2023					
11/13/2023	2.1	1.00	0.89		tube
11/14/2023	4.6	1.00	0.65		tube
11/15/2023	4.6	1.00	0.27		running
11/16/2023	5.0	0.90	0.36		tube
11/17/2023	3.8	0.90	0.36		tube
11/18/2023					
11/19/2023					
11/20/2023	3.8	0.90	0.58		tube
11/21/2023	3.8	0.90	0.69		tube
11/22/2023	3.9	0.90	0.68		tube
11/23/2023					
11/24/2023					
11/25/2023					
11/26/2023					
11/27/2023	3.5	0.80	0.55		tube
11/28/2023	4.4	0.90	0.55		tube
11/29/2023	4.7	0.80	0.38		tube
11/30/2023	4.4	0.90	0.19		tube

WELL 10
Water Quality Control

Date	Total Chlorine	Fluoride	Phosphate	Initials	Comments
11/1/2023	4.9	0.70	0.34		running
11/2/2023	4.9	0.80	0.26		running
11/3/2023	2.3	0.80	0.22		tube
11/4/2023					
11/5/2023					
11/6/2023	1.8	1.00	0.53		tube
11/7/2023	4.4	1.00	0.27		running
11/8/2023	1.7	1.00	0.62		tube
11/9/2023	1.8	1.00	0.45		tube
11/10/2023					
11/11/2023					
11/12/2023					
11/13/2023	1.4	1.00	0.55		tube
11/14/2023	1.7	0.90	0.62		tube
11/15/2023	4.5	1.00	0.32		running
11/16/2023	4.3	1.00	0.31		running
11/17/2023	3.7	0.80	0.43		tube
11/18/2023					
11/19/2023					
11/20/2023	3.0	1.00	0.28		tube
11/21/2023	2.0	1.00	0.69		tube
11/22/2023	2.6	1.00	0.56		tube
11/23/2023					
11/24/2023					
11/25/2023					
11/26/2023					
11/27/2023	1.4	0.90	0.52		tube
11/28/2023	4.1	1.00	0.35		running
11/29/2023	1.4	1.00	0.57		tube
11/30/2023	1.4	1.00	0.64		tube