



PUBLIC WORKS
Water Division

IEPA - Rockford Regional Office
4302 N. Main St
Rockford, IL 61103

January 5, 2024

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

City of Sycamore

Water Division

Monthly Operations Report

December 2023

DATE	HOURS RUN	PUMPAGE (WELL)	PUMPAGE (WRT)	WELL (gpm)	WRT (gpm)	CHLORINE (pounds)	CHLORINE (ppm)	FLUORIDE (pounds)	FLUORIDE (ppm)	PHOSPHATE (pounds)	PHOSPHATE (ppm)
12/1/2023	38	2,132,000	2,117,000	935.09	928.51	79	4.44	18	0.77	91	0.17
12/2/2023	17	996,000	1,005,000	976.47	985.29	42	5.06	12	0.87	32	0.13
12/3/2023	25	1,450,000	1,436,000	966.67	957.33	54	4.47	13	0.79	62	0.17
12/4/2023	29	1,685,000	1,689,000	968.39	970.69	64	4.55	20	0.87	64	0.15
12/5/2023	38.5	2,122,000	2,121,000	918.61	918.18	83	4.69	21	0.81	86	0.17
12/6/2023	15	846,000	848,000	940.00	942.22	36	5.10	10	0.87	32	0.15
12/7/2023	38.5	2,168,000	2,155,000	938.53	932.90	80	4.42	22	0.82	104	0.20
12/8/2023	32	1,652,000	1,650,000	860.42	859.38	62	4.50	16	0.81	70	0.17
12/9/2023	25	1,403,000	1,405,000	935.33	936.67	55	4.70	17	0.87	52	0.15
12/10/2023	22	1,277,000	1,276,000	967.42	966.67	52	4.88	15	0.86	50	0.16
12/11/2023	43	2,130,000	2,115,000	825.58	819.77	89	5.01	22	0.82	100	0.19
12/12/2023	18	1,028,000	1,038,000	951.85	961.11	42	4.90	14	0.92	32	0.13
12/13/2023	38	1,999,000	2,000,000	876.75	877.19	82	4.92	22	0.84	87	0.18
12/14/2023	25	1,497,000	1,482,000	998.00	988.00	54	4.33	14	0.80	66	0.18
12/15/2023	33.5	1,820,000	1,825,000	905.47	907.96	75	4.94	19	0.83	70	0.16
12/16/2023	33	1,465,000	1,455,000	739.90	734.85	55	4.50	18	0.88	79	0.22
12/17/2023	31	1,570,000	1,578,000	844.09	848.39	61	4.66	20	0.89	66	0.17
12/18/2023	29	1,699,000	1,690,000	976.44	971.26	63	4.45	16	0.80	63	0.15
12/19/2023	34	1,828,000	1,846,000	896.08	904.90	78	5.12	23	0.89	70	0.16
12/20/2023	28	1,662,000	1,660,000	989.29	988.10	62	4.47	19	0.86	63	0.15
12/21/2023	26.5	1,443,000	1,443,000	907.55	907.55	60	4.99	13	0.79	55	0.16
12/22/2023	25	1,449,000	1,449,000	966.00	966.00	58	4.80	15	0.83	58	0.16
12/23/2023	32	1,801,000	1,784,000	938.02	929.17	67	4.46	17	0.80	82	0.19
12/24/2023	25	1,470,000	1,478,000	980.00	985.33	57	4.65	18	0.88	56	0.16
12/25/2023	26	1,524,000	1,515,000	976.92	971.15	60	4.72	16	0.83	62	0.17
12/26/2023	24	1,292,000	1,295,000	897.22	899.31	49	4.55	15	0.86	52	0.16
12/27/2023	37	1,963,000	1,961,000	884.23	883.33	77	4.70	21	0.84	80	0.17
12/28/2023	25	1,415,000	1,415,000	943.33	943.33	58	4.91	14	0.81	58	0.17
12/29/2023	31	1,614,000	1,605,000	867.74	862.90	64	4.75	14	0.78	66	0.17
12/30/2023	27	1,314,000	1,305,000	811.11	805.56	51	4.65	15	0.85	64	0.20
12/31/2023	21	1,260,000	1,250,000	1,000.00	992.06	41	3.90	13	0.82	56	0.18
TOTALS											
MONTH	892.0	48,974,000	48,891,000	915.06	913.51	1,910	4.68	522	0.83	2,028	0.17
YEAR	13,295.8	689,350,000	690,555,000	864.12	865.63	27,425	4.77	7,775	0.85	29,734	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)
12/1/2023	7	339,000	807.14	334,000	795.24	12	4.24	3	0.72	15	0.18
12/2/2023	1	45,000	750.00	44,000	733.33	2	5.33	0	0.47	2	0.18
12/3/2023	8	450,000	937.50	444,000	925.00	17	4.53	4	0.72	20	0.18
12/4/2023	2	84,000	700.00	82,000	683.33	2	2.85	0	0.47	4	0.19
12/5/2023	9	495,000	916.67	488,000	903.70	19	4.60	4	0.70	22	0.18
12/6/2023	8	433,000	902.08	426,000	887.50	17	4.71	4	0.73	21	0.20
12/7/2023	9	460,000	851.85	454,000	840.74	17	4.43	4	0.71	21	0.19
12/8/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/9/2023	6	350,000	972.22	344,000	955.56	13	4.45	2	0.63	16	0.19
12/10/2023	8	431,000	897.92	424,000	883.33	17	4.73	4	0.73	20	0.19
12/11/2023	15	772,000	857.78	761,000	845.56	30	4.66	6	0.69	35	0.18
12/12/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/13/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/14/2023	6	339,000	941.67	334,000	927.78	13	4.60	2	0.64	15	0.18
12/15/2023	5	278,000	926.67	273,000	910.00	11	4.74	2	0.67	13	0.19
12/16/2023	14	709,000	844.05	699,000	832.14	25	4.23	6	0.71	36	0.21
12/17/2023	6	323,000	897.22	318,000	883.33	13	4.83	2	0.64	15	0.19
12/18/2023	9	477,000	883.33	468,000	866.67	18	4.52	4	0.71	22	0.19
12/19/2023	2	137,000	1,141.67	136,000	1,133.33	5	4.38	1	0.67	6	0.18
12/20/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/21/2023	12	615,000	854.17	606,000	841.67	23	4.48	5	0.70	28	0.19
12/22/2023	10	553,000	921.67	544,000	906.67	21	4.55	4	0.67	25	0.18
12/23/2023	10	509,000	848.33	501,000	835.00	19	4.48	4	0.69	27	0.22
12/24/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/25/2023	9	485,000	898.15	478,000	885.19	18	4.45	3	0.64	20	0.17
12/26/2023	7	353,000	840.48	348,000	828.57	13	4.42	3	0.71	15	0.17
12/27/2023	9	505,000	935.19	498,000	922.22	19	4.51	4	0.69	23	0.19
12/28/2023	10	534,000	890.00	525,000	875.00	21	4.72	4	0.68	23	0.18
12/29/2023	13	672,000	861.54	661,000	847.44	25	4.46	5	0.68	30	0.18
12/30/2023	11	588,000	890.91	579,000	877.27	23	4.69	4	0.66	26	0.18
12/31/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
TOTALS											
MONTH	206	10,936,000	884.79	10,769,000	871.28	413	4.60	84	0.80	500	0.19
YEAR	3465	181,253,000	871.83	178,596,000	859.05	6,774	4.55	1,254	0.79	7,801	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)	FLOURIDE (ppm)	PHOSPHATE (pounds)	PHOSPHATE (ppm)
12/1/2023	6	295,000	819.44	295,000	819.44	14	5.69	1	0.59	12	0.17
12/2/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/3/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/4/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/5/2023	8.5	417,000	817.65	417,000	817.65	18	5.18	3	0.70	18	0.18
12/6/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/7/2023	6.5	328,000	841.03	328,000	841.03	14	5.12	2	0.67	14	0.17
12/8/2023	8	372,000	775.00	372,000	775.00	16	5.16	2	0.65	16	0.18
12/9/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/10/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/11/2023	8	406,000	845.83	406,000	845.83	18	5.32	3	0.70	17	0.17
12/12/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/13/2023	8	406,000	845.83	406,000	845.83	15	4.43	2	0.64	18	0.18
12/14/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/15/2023	7.5	384,000	853.33	384,000	853.33	15	4.68	2	0.64	17	0.18
12/16/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/17/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/18/2023	9	523,000	968.52	523,000	968.52	17	3.90	5	0.76	18	0.14
12/19/2023	8	467,000	972.92	467,000	972.92	20	5.14	3	0.68	18	0.16
12/20/2023	6	350,000	972.22	350,000	972.22	14	4.80	3	0.74	13	0.15
12/21/2023	7.5	450,000	1,000.00	450,000	1,000.00	20	5.33	2	0.62	18	0.16
12/22/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/23/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/24/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/25/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/26/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/27/2023	7	369,000	878.57	369,000	878.57	14	4.55	3	0.72	13	0.14
12/28/2023	7	366,000	871.43	366,000	871.43	15	4.91	3	0.73	15	0.17
12/29/2023	6	334,000	927.78	334,000	927.78	14	5.03	2	0.67	12	0.15
12/30/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/31/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
TOTALS											
MONTH	103	5,467,000	884.63	5,467,000	884.63	224	4.91	36	0.78	219	0.16
YEAR	1487.75	68,528,000	767.69	68,528,000	767.69	3,036	5.31	568	0.82	3,251	0.19

**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)
12/1/2023	13	917,000	1,175.64	907,000	1,162.82	32	4.18	8	0.74	38	0.17
12/2/2023	6	386,000	1,072.22	382,000	1,061.11	14	4.35	3	0.72	16	0.17
12/3/2023	10	643,000	1,071.67	635,000	1,058.33	23	4.29	5	0.72	26	0.16
12/4/2023	9	616,000	1,140.74	609,000	1,127.78	22	4.28	6	0.77	26	0.17
12/5/2023	6	408,000	1,133.33	404,000	1,122.22	15	4.41	3	0.70	17	0.17
12/6/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/7/2023	11	739,000	1,119.70	730,000	1,106.06	24	3.89	6	0.73	30	0.17
12/8/2023	10	640,000	1,066.67	633,000	1,055.00	21	3.93	6	0.76	27	0.17
12/9/2023	4	272,000	1,133.33	269,000	1,120.83	9	3.97	3	0.81	13	0.19
12/10/2023	7	456,000	1,085.71	452,000	1,076.19	18	4.73	4	0.74	17	0.15
12/11/2023	3	215,000	1,194.44	211,000	1,172.22	7	3.90	2	0.76	8	0.15
12/12/2023	5	313,000	1,043.33	309,000	1,030.00	11	4.21	3	0.77	12	0.16
12/13/2023	9	619,000	1,146.30	612,000	1,133.33	23	4.46	5	0.73	25	0.16
12/14/2023	14	933,000	1,110.71	923,000	1,098.81	34	4.37	9	0.77	39	0.17
12/15/2023	5	360,000	1,200.00	355,000	1,183.33	11	3.66	3	0.73	13	0.15
12/16/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/17/2023	5	236,000	786.67	234,000	780.00	7	3.56	2	0.74	13	0.22
12/18/2023	8	528,000	1,100.00	524,000	1,091.67	20	4.54	5	0.76	21	0.16
12/19/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/20/2023	8	536,000	1,116.67	528,000	1,100.00	19	4.25	5	0.76	22	0.17
12/21/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/22/2023	3	218,000	1,211.11	216,000	1,200.00	8	4.40	2	0.76	9	0.17
12/23/2023	11	706,000	1,069.70	697,000	1,056.06	26	4.42	6	0.74	29	0.17
12/24/2023	7	500,000	1,190.48	495,000	1,178.57	18	4.32	4	0.72	20	0.16
12/25/2023	5	355,000	1,183.33	345,000	1,150.00	13	4.39	4	0.82	15	0.17
12/26/2023	6	368,000	1,022.22	370,000	1,027.78	13	4.24	3	0.72	14	0.16
12/27/2023	6	362,000	1,005.56	358,000	994.44	14	4.64	3	0.73	15	0.17
12/28/2023	1	75,000	1,250.00	74,000	1,233.33	2	3.20	0	0.50	3	0.16
12/29/2023	3	206,000	1,144.44	204,000	1,133.33	8	4.66	2	0.77	8	0.16
12/30/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/31/2023	14	914,000	1,088.10	904,000	1,076.19	28	3.67	8	0.74	38	0.17
TOTALS											
MONTH	189	12,521,000	1,104.14	12,380,000	1,091.71	440	4.26	110	0.83	514	0.17
YEAR	1014	61,460,000	1,010.19	60,795,000	999.26	2,217	4.37	674	0.88	2,833	0.19

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)
12/1/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/2/2023	10	565,000	941.67	579,000	965.00	26	5.52	9	0.85	14	0.10
12/3/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/4/2023	10	567,000	945.00	580,000	966.67	25	5.29	9	0.85	14	0.10
12/5/2023	8	454,000	945.83	464,000	966.67	18	4.75	7	0.84	12	0.11
12/6/2023	7	413,000	983.33	422,000	1,004.76	19	5.52	6	0.81	11	0.11
12/7/2023	1	66,000	1,100.00	68,000	1,133.33	3	5.45	2	1.23	2	0.12
12/8/2023	3	165,000	916.67	170,000	944.44	7	5.09	2	0.74	4	0.10
12/9/2023	10	544,000	906.67	555,000	925.00	25	5.51	8	0.82	11	0.08
12/10/2023	7	390,000	928.57	400,000	952.38	17	5.23	7	0.90	13	0.14
12/11/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/12/2023	10	569,000	948.33	583,000	971.67	27	5.69	9	0.85	13	0.09
12/13/2023	7	401,000	954.76	409,000	973.81	19	5.68	6	0.82	11	0.11
12/14/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/15/2023	11	595,000	901.52	610,000	924.24	28	5.64	9	0.83	16	0.11
12/16/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/17/2023	11	638,000	966.67	653,000	989.39	26	4.89	10	0.84	17	0.11
12/18/2023	3	171,000	950.00	175,000	972.22	8	5.61	2	0.74	2	0.05
12/19/2023	14	795,000	946.43	814,000	969.05	36	5.43	13	0.86	22	0.11
12/20/2023	6	308,000	855.56	314,000	872.22	14	5.45	5	0.86	8	0.11
12/21/2023	7	378,000	900.00	387,000	921.43	17	5.39	6	0.85	9	0.10
12/22/2023	8	459,000	956.25	470,000	979.17	22	5.75	7	0.83	15	0.13
12/23/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/24/2023	10	566,000	943.33	579,000	965.00	23	4.87	9	0.85	18	0.13
12/25/2023	6	359,000	997.22	367,000	1,019.44	17	5.68	5	0.80	12	0.14
12/26/2023	4	238,000	991.67	244,000	1,016.67	11	5.54	4	0.87	8	0.14
12/27/2023	8	417,000	868.75	426,000	887.50	19	5.46	7	0.87	14	0.14
12/28/2023	6	365,000	1,013.89	375,000	1,041.67	17	5.58	6	0.86	13	0.15
12/29/2023	5	239,000	796.67	243,000	810.00	11	5.52	3	0.76	8	0.14
12/30/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/31/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
TOTALS											
MONTH	172	9,662,000	936.24	9,887,000	958.04	435	5.28	151	0.77	267	0.11
YEAR	3421	191,140,000	931.21	195,667,000	953.26	8,468	5.19	2,895	0.76	7,078	0.15

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

DATE	HOURS	WELL 10	WELL 10	WRT	WRT	CHLORINE	CHLORINE	FLUORIDE	FLOURIDE	PHOSPHATE	PHOSPHATE
YEAR	RUN	RAW	GPM	PUMPED	GPM	(pounds)	(ppm)	(pounds)	(ppm)	(pounds)	(ppm)
	3445	166,059,000	803.38	166,059,000	803.38	6,123	4.42	2,098	0.92	7,680	0.19
12/1/2023	12	581,000	806.94	581,000	806.94	21	4.33	6	0.74	26	0.18
12/2/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/3/2023	7	357,000	850.00	357,000	850.00	14	4.70	4	0.77	16	0.18
12/4/2023	8	418,000	870.83	418,000	870.83	15	4.30	5	0.79	20	0.20
12/5/2023	7	348,000	828.57	348,000	828.57	13	4.48	4	0.78	17	0.20
12/6/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/7/2023	11	575,000	871.21	575,000	871.21	22	4.59	8	0.84	37	0.26
12/8/2023	11	475,000	719.70	475,000	719.70	18	4.54	6	0.81	23	0.20
12/9/2023	5	237,000	790.00	237,000	790.00	8	4.05	4	0.93	12	0.21
12/10/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/11/2023	17	737,000	722.55	737,000	722.55	34	5.53	11	0.87	40	0.22
12/12/2023	3	146,000	811.11	146,000	811.11	4	3.29	2	0.84	7	0.20
12/13/2023	14	573,000	682.14	573,000	682.14	25	5.23	9	0.89	33	0.23
12/14/2023	5	225,000	750.00	225,000	750.00	7	3.73	3	0.83	12	0.22
12/15/2023	5	203,000	676.67	203,000	676.67	10	5.91	3	0.87	11	0.22
12/16/2023	19	756,000	663.16	756,000	663.16	30	4.76	12	0.90	43	0.23
12/17/2023	9	373,000	690.74	373,000	690.74	15	4.82	6	0.90	21	0.23
12/18/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/19/2023	10	429,000	715.00	429,000	715.00	17	4.75	6	0.85	24	0.23
12/20/2023	8	468,000	975.00	468,000	975.00	15	3.84	6	0.81	20	0.17
12/21/2023	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
12/22/2023	4	219,000	912.50	219,000	912.50	7	3.83	2	0.71	9	0.17
12/23/2023	11	586,000	887.88	586,000	887.88	22	4.50	7	0.79	26	0.18
12/24/2023	8	404,000	841.67	404,000	841.67	16	4.75	5	0.80	18	0.18
12/25/2023	6	325,000	902.78	325,000	902.78	12	4.43	4	0.80	15	0.19
12/26/2023	7	333,000	792.86	333,000	792.86	12	4.32	5	0.87	15	0.18
12/27/2023	7	310,000	738.10	310,000	738.10	11	4.25	4	0.82	15	0.20
12/28/2023	1	75,000	1,250.00	75,000	1,250.00	3	4.80	1	0.83	4	0.22
12/29/2023	4	163,000	679.17	163,000	679.17	6	4.41	2	0.80	8	0.20
12/30/2023	16	726,000	756.25	726,000	756.25	28	4.62	11	0.88	38	0.21
12/31/2023	7	346,000	823.81	346,000	823.81	13	4.51	5	0.86	18	0.21
TOTALS											
MONTH	222	10,388,000	779.88	10,388,000	779.88	398	4.59	141	0.94	528	0.21
YEAR	3908	186,969,000	797.38	186,969,000	797.38	6,930	4.44	2,384	0.92	8,771	0.19

City of Sycamore
Distribution Chlorine Residuals
Facility #0370550



	Area #1		Area #2		Area # 3		Tower #1		
Date	Total Chlorine	Free Chlorine	Total Chlorine	Free Chlorine	Total Chlorine	Free Chlorine	Total Chlorine	Free Chlorine	Comments
12/1/2023	0.81	0.74	1.31	1.12	0.86	0.71	0.95	0.88	
12/2/2023							1	0.89	
12/3/2023							0.85	0.77	
12/4/2023	1.00	0.82	1.28	0.98	0.92	0.71	0.99	0.86	
12/5/2023	0.96	0.84	1.26	1.09	1.06	0.96	1	0.82	
12/6/2023	0.95	0.83	1.2	0.91	1.18	0.99	0.85	0.77	
12/7/2023	1.00	0.82	1.22	1.00	0.93	0.79	0.85	0.76	
12/8/2023	0.95	0.83	1.28	1.19	1.05	0.98	0.9	0.78	
12/9/2023							0.94	0.87	
12/10/2023							1.03	0.93	
12/11/2023	0.93	0.82	1.28	1.12	1.22	1.02	0.88	0.73	
12/12/2023	0.83	0.73	1.16	0.86	0.85	0.74	0.91	0.78	
12/13/2023	1.01	0.89	1.17	1.03	1.06	0.83	0.89	0.77	
12/14/2023	0.89	0.73	1.13	0.94	0.78	0.62	1.2	1.00	
12/15/2023	0.84	0.67	1.3	1.10	1.16	0.86	0.86	0.81	
12/16/2023							0.84	0.76	
12/17/2023							0.89	0.77	
12/18/2023	0.68	0.55	0.87	0.72	1.28	0.81	0.88	0.84	
12/19/2023	0.94	0.81	1.13	1.05	0.82	0.65	1.01	0.94	
12/20/2023	0.92	0.75	0.98	0.86	0.94	0.8	1.13	0.96	
12/21/2023	0.91	0.82	1.06	0.88	1.51	1.21	1.08	0.82	
12/22/2023	0.97	0.78	1.04	0.89	1.52	1.11	0.91	0.83	
12/23/2023							0.93	0.79	
12/24/2023							0.98	0.82	
12/25/2023							0.97	0.82	
12/26/2023							0.88	0.77	
12/27/2023	1.27	1.01	1.3	1.00	1.2	0.9	0.92	0.82	
12/28/2023	0.94	0.82	1.01	0.87	1.06	0.91	0.85	0.72	
12/29/2023	1.04	0.80	1.07	0.97	1.29	1.03	0.94	0.80	
12/30/2023							0.84	0.71	
12/31/2023							0.86	0.73	

WELL 10
Water Quality Control

Date	Total Chlorine	Fluoride	Phosphate	Initials
12/1/2023	2.7	1.00	0.52	
12/2/2023				
12/3/2023				
12/4/2023	2.6	1.00	0.40	
12/5/2023	3.3	1.00	2.50	
12/6/2023	2.8	1.00	0.67	
12/7/2023	2.1	0.80	1.90	
12/8/2023	2.0	0.90	0.68	
12/9/2023				
12/10/2023				
12/11/2023	2.5	1.00	0.41	
12/12/2023	4.5	1.00	0.44	
12/13/2023	2.5	1.00	0.95	
12/14/2023	4.7	1.00	0.32	
12/15/2023	3.0	1.00	0.54	
12/16/2023				
12/17/2023				
12/18/2023	1.7	0.90	0.61	
12/19/2023	1.9	1.00	0.43	
12/20/2023	4.0	1.00	0.34	
12/21/2023	2.0	0.80	0.63	
12/22/2023	4.3	1.00	0.49	
12/23/2023				
12/24/2023				
12/25/2023				
12/26/2023				
12/27/2023	2.4	1.00	0.54	
12/28/2023	4.5	1.00	0.36	
12/29/2023	1.2	1.00	0.64	
12/30/2023				
12/31/2023				

WELL 9

Water Quality Control

Date	Total Chlorine	Fluoride	Phosphate	Initials
12/1/2023	3.6	1.00	0.52	
12/2/2023				
12/3/2023				
12/4/2023	3.2	0.90	0.57	
12/5/2023	3.6	1.00	0.43	
12/6/2023	5.6	1.00	0.44	
12/7/2023	4.2	0.90	0.19	
12/8/2023	4.2	0.90	0.70	
12/9/2023				
12/10/2023				
12/11/2023	3.6	0.90	0.51	
12/12/2023	4.1	1.00	0.39	
12/13/2023	3.6	1.00	3.10	
12/14/2023	4.0	1.00	0.48	
12/15/2023	4.7	0.80	0.37	
12/16/2023				
12/17/2023				
12/18/2023	3.4	0.80	0.49	
12/19/2023	4.6	0.90	0.36	
12/20/2023	4.7	0.90	0.23	
12/21/2023	4.7	0.90	0.29	
12/22/2023	4.6	0.80	0.29	
12/23/2023				
12/24/2023				
12/25/2023				
12/26/2023				
12/27/2023	3.9	1.00	0.44	
12/28/2023	3.4	1.00	0.38	
12/29/2023	3.8	0.80	0.27	
12/30/2023				
12/31/2023				

WELL 8 **Water Quality Control**

Date	Total Chlorine	Fluoride	Phosphate	Initials
12/1/2023	3.9	0.80	0.87	
12/2/2023				
12/3/2023				
12/4/2023	4.1	0.80	0.71	
12/5/2023	4.6	0.70	0.68	
12/6/2023	3.2	1.00	0.92	
12/7/2023	3.5	0.90	0.93	
12/8/2023	3.7	0.80	0.62	
12/9/2023				
12/10/2023				
12/11/2023	3.6	0.80	0.57	
12/12/2023	3.5	0.70	0.62	
12/13/2023	2.3	0.80	2.00	
12/14/2023	4.5	0.70	0.44	
12/15/2023	4.2	0.90	0.80	
12/16/2023				
12/17/2023				
12/18/2023	3.7	0.90	0.91	
12/19/2023	2.8	0.80	0.90	
12/20/2023	3.4	0.80	0.47	
12/21/2023	4.4	0.90	0.64	
12/22/2023	4.4	0.70	0.39	
12/23/2023				
12/24/2023				
12/25/2023				
12/26/2023				
12/27/2023	4.5	0.90	0.62	
12/28/2023	3.9	0.80	0.48	
12/29/2023	3.4	0.70	0.76	
12/30/2023				
12/31/2023				

WELL 7
Water Quality Control

Date	Total Chlorine	Fluoride	Phosphate	Initials
12/1/2023	5.2	1.00	0.62	
12/2/2023				
12/3/2023				
12/4/2023				
12/5/2023	3.4	1.00	0.96	
12/6/2023				
12/7/2023	4.4	1.00	0.73	
12/8/2023	5.8	0.90	0.62	
12/9/2023				
12/10/2023				
12/11/2023	4.9	0.90	0.77	
12/12/2023				
12/13/2023	4.7	0.80	3.80	
12/14/2023				
12/15/2023	4.5	0.90	0.78	
12/16/2023				
12/17/2023				
12/18/2023	4.8	1.00	0.80	
12/19/2023	4.5	1.00	0.49	
12/20/2023	4.9	0.90	0.23	
12/21/2023	4.8	0.90	0.52	
12/22/2023				
12/23/2023				
12/24/2023				
12/25/2023				
12/26/2023				
12/27/2023	4.7	0.90	0.66	
12/28/2023	4.6	0.90	0.55	
12/29/2023	4.7	0.70	0.43	
12/30/2023				
12/31/2023				

WELL 6
Water Quality Control

Date	Total Chlorine	Fluoride	Phosphate	Initials
12/1/2023	4.5	0.90	0.19	
12/2/2023				
12/3/2023				
12/4/2023	1.8	1.00	0.58	
12/5/2023	3.9	1.00	0.52	
12/6/2023	4.5	1.00	0.48	
12/7/2023	5.2	0.90	0.24	
12/8/2023	2.3	1.00	0.67	
12/9/2023				
12/10/2023				
12/11/2023	5.0	0.90	0.42	
12/12/2023	1.8	0.90	0.65	
12/13/2023	1.1	1.00	0.54	
12/14/2023	2.0	1.00	0.57	
12/15/2023	4.0	1.00	0.41	
12/16/2023				
12/17/2023				
12/18/2023	5.2	0.90	0.24	
12/19/2023	1.6	0.80	0.53	
12/20/2023	4.2	0.90	0.32	
12/21/2023	4.0	0.80	0.39	
12/22/2023	4.1	1.00	0.43	
12/23/2023				
12/24/2023				
12/25/2023				
12/26/2023				
12/27/2023	2.8	1.00	0.52	
12/28/2023	3.8	1.00	0.33	
12/29/2023	4.0	0.80	0.34	
12/30/2023				
12/31/2023				