

City of Broken Arrow WTP Monthly Operational Report Summary
 Water Treatment Plant PWSID# OK 1021508

Reporting Period: [January] [2024]



Operating Data Summary

Water Production (MG)

	Month	Average Day
Raw Water Treated	310.69	10.0
Finished Water	304.06	9.8

Monthly Chemical Usage (Non-Membrane Usage)

Chemical	Total lbs	lbs/Finished MG
Sodium Hypochlorite	16,181	760.2
Salt (for hypo generation)	48,542	2,280.7
Liquid Ammonium Sulfate	2,605	8.2
Sodium Permanganate	1,390	2.4
Aluminum Chlorohydrate	69,964	41.2
Sodium Hydroxide	26,427	33.3
Hydrofluosilicic Acid	1,593	2.9

Total Chlorine Residual:

	No. Samples
Total Chlorine Residual <2.0 mg/L Leaving Plant	0

Finished Water Turbidity:

	No. Samples	% of Total Samples
Greater than 0.5 NTU	0	0.00
Greater than 0.3 NTU	0	0.00
Greater than 0.1 NTU	0	0.00
Total No. of Turbidity Samples	186	
Highest Turbidity Reading	0.022	
No. Samples > 1 NTU	0	
No. Samples > 5 NTU	0	

Monthly Costs

	Total	\$/Finished MG	\$/1000 gal
Plant Electricity	\$68,993.87	\$226.91	\$0.2269
Total Chemical	\$105,060.37	\$345.53	\$0.3455
Total Labor	\$105,378.71	\$346.57	\$0.3466
Services	\$59,204.04	\$227.60	\$0.2276
Materials and Supplies	\$68,197.94	\$224.29	\$0.2243
Equipment Expenses	\$9,103.54	\$29.94	\$0.0299
Total	\$425,938.37	\$1,400.84	\$1.4008

Individual Membrane Unit Turbidity Checklist

- | | YES/NO |
|--|------------------------------|
| 1. IS TURBIDITY FROM EACH INDIVIDUAL MEMBRANE UNIT RECORDED EVERY 15 MINUTES? | <input type="checkbox"/> YES |
| 2. DID ANY SINGLE MEMBRANE UNIT EXCEED 2.0 NTU IN TWO CONSECUTIVE 15 MINUTE PERIODS? | <input type="checkbox"/> NO |
| No, Go to Question 3. | |
| Yes, What date was the membrane profile completed? _____ | |
| DID THIS SAME MEMBRANE UNIT EXCEED 2.0 NTU IN 2 CONSECUTIVE 15-MIN PERIODS DURING THE LAST MONTH? | <input type="checkbox"/> |
| No, Go to Question 3. | |
| Yes, Schedule Comprehensive Performance Evaluation (CPE) with DEQ. | |
| 3. DID ANY SINGLE MEMBRANE UNIT EXCEED 1.0 NTU IN TWO CONSECUTIVE 15 MINUTE PERIODS? | <input type="checkbox"/> NO |
| No, Go to Question 4. | |
| Yes, What date was the filter profile completed? _____ | |
| DID THIS SAME MEMBRANE UNIT FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15-MIN PERIODS DURING THE LAST 2 MONTHS? | <input type="checkbox"/> |
| No, Go to Question 4. | |
| Yes, What date was the membrane self-assessment completed? _____ | |
| 4. DID ANY SINGLE MEMBRANE UNIT EXCEED 0.5 NTU IN 2 CONSECUTIVE 15-MIN PERIODS AT THE END OF 4 HRS OF OPERATION? | <input type="checkbox"/> NO |
| No, You are finished with the checklist. | |
| Yes, What date was the membrane profile completed? _____ | |

* IF ANY OF QUESTIONS 2 THROUGH 4 ARE CHECKED "YES", YOU MUST COMPLETE THE TURBIDITY TRIGGER EVALUATION FORM AND ATTACH TO THIS MOR.

I hereby certify the above to be correct to the best of my knowledge:

Notes:

Signed: LouAnn Fisher 2/8/2024
 Date

Title: Water Plant Manager

Operator Certificate No. 25369

Public Water System Name: COBA Water Treatment Plant
PWS ID No.: OK 1021508

Month:
Year

January
2024

Date	Water Production and Recycle Flows				
	Raw Water Pumped to Pre-Sed Basins (MG)	Raw Water Treated (MG)	Finished Water Delivered (MG)	Reverse Filtration Water Used (MG)	Lagoon Decant Water Pumped (MG)
1	10.78	8.73	8.50		0.53
2	0.22	8.14	8.92		0.56
3	0.00	9.15	9.23		0.55
4	0.00	10.15	9.40		0.60
5	10.76	8.78	8.51		0.56
6	11.09	8.09	8.50		0.55
7	11.06	8.71	8.81		0.49
8	11.04	9.14	8.79		0.66
9	11.02	8.72	7.60		0.52
10	11.02	8.90	9.83		0.59
11	11.02	9.17	8.66		0.54
12	0.25	9.23	9.22		0.59
13	0.00	9.64	9.13		0.64
14	10.77	10.69	10.68		0.70
15	20.19	11.04	11.63		0.82
16	11.27	11.11	11.32		0.79
17	10.98	12.64	13.55		0.79
18	10.99	13.43	12.12		0.82
19	11.01	12.12	10.68		0.72
20	11.01	10.73	11.23		0.76
21	11.02	11.33	10.20		0.79
22	11.02	11.06	10.85		0.81
23	11.02	10.27	10.55		0.75
24	11.00	10.21	10.04		0.57
25	10.99	9.68	9.52		0.54
26	10.99	10.54	9.54		0.59
27	10.99	9.59	9.16		0.54
28	10.97	8.50	9.54		0.53
29	10.96	9.48	9.72		0.54
30	10.96	11.21	9.35		0.63
31	10.97	10.51	9.29		0.62
TOTAL	295.38	310.69	304.06	0.00	19.68
AVG	9.53	10.02	9.81	#DIV/0!	0.63
MAX	20.19	13.43	13.55	0.00	0.82
MIN	0.00	8.09	7.60	0.00	0.49

Public Water System Name: COBA Water Treatment Plant
 PWS ID No.: OK 1021508

Month: January
 Year: 2024

TOTAL CHEMICAL COST:	\$105,060			
Cost Per MG Treated	\$338.15	Cost Per MG Delivered	\$345.53	
Million Gallons Treated	310.69	Million Gallons Delivered	304.06	

Non-Membrane System Chemical Usage

Date	Sodium Hypochlorite (CL) NaClO		Liquid Ammonium Sulfate (LAS)		Sodium Permanganate (SP)		Aluminum Chlorohydrate (ACH)		Sodium Hydroxide (SH)		Hydrofluosilicic Acid (HFS)	
	gal/day	lb/day	gal/day	lb/day	gal/day	lb/day	gal/day	lb/day	gal/day	lb/day	gal/day	lb/day
1	7,364	515.48	69.3	72.58	24.1	46.72	311	1739.26	225.2	586.84	28.4	51.76
2	7,146	500.24	67.4	70.61	0.0	0.00	304	1699.80	257.6	671.41	31.0	56.44
3	7,698	538.89	72.7	76.15	0.0	0.00	341	1906.22	283.3	738.43	33.4	60.86
4	8,730	611.12	81.9	85.81	0.0	0.00	403	2252.57	319.2	831.89	37.7	68.58
5	7,534	527.36	71.0	74.43	25.2	48.83	346	1933.39	276.1	719.53	32.6	59.31
6	6,859	480.16	66.0	69.19	25.2	48.68	318	1775.33	255.3	665.27	27.8	50.61
7	7,068	494.79	68.5	71.76	25.1	48.54	329	1839.84	264.6	689.51	23.4	42.60
8	8,071	564.95	77.8	81.56	25.0	48.44	378	2109.48	300.6	783.52	26.6	48.41
9	6,948	486.33	66.0	69.16	25.0	48.36	322	1797.18	258.2	672.84	22.8	41.52
10	8,027	561.89	75.5	79.15	25.0	48.38	374	2090.12	297.5	775.42	26.3	47.91
11	7,021	491.46	66.5	69.71	24.8	47.89	329	1840.84	262.2	683.29	23.2	42.20
12	8,390	587.30	78.8	82.62	0.0	0.00	393	2197.53	310.6	809.56	27.5	50.02
13	7,970	557.91	75.9	79.56	0.0	0.00	379	2115.83	299.3	780.06	26.4	48.17
14	8,726	610.82	85.1	89.21	25.3	48.87	428	2392.86	333.8	870.02	29.5	53.76
15	8,298	580.85	94.5	99.06	46.5	89.99	467	2608.79	331.2	863.21	32.3	58.80
16	7,080	495.61	85.2	89.28	24.9	48.09	422	2355.96	265.4	691.80	29.1	53.00
17	9,433	660.34	115.9	121.43	24.9	48.21	565	3156.36	357.8	932.41	39.6	72.09
18	8,356	584.92	103.7	108.64	24.9	48.26	514	2872.26	323.9	844.14	35.8	65.24
19	6,786	475.04	81.6	85.47	25.0	48.31	410	2288.73	298.7	778.51	28.4	51.74
20	7,345	514.18	87.0	91.20	25.0	48.32	437	2440.87	342.7	893.04	30.3	55.21
21	7,102	497.13	88.2	92.47	25.0	48.35	440	2461.26	383.3	999.03	30.4	55.34
22	7,326	512.82	93.1	97.54	25.0	48.37	456	2550.70	430.6	1122.33	31.8	57.90
23	6,751	472.56	82.0	85.97	25.0	48.35	397	2218.28	379.8	989.77	28.0	51.04
24	6,838	478.67	79.2	82.99	25.0	48.30	381	2127.02	366.7	955.69	18.4	33.46
25	7,019	491.32	80.6	84.51	24.9	48.24	388	2167.55	373.3	972.79	14.3	26.03
26	7,228	505.99	83.6	87.63	24.9	48.27	443	2472.85	387.1	1008.84	26.9	49.01
27	6,262	438.33	70.7	74.09	24.9	48.25	403	2253.53	327.6	853.74	24.1	43.98
28	6,579	460.52	74.7	78.25	28.6	55.38	427	2384.55	345.9	901.40	25.5	46.46
29	7,202	504.13	83.2	87.21	39.8	76.99	474	2646.48	420.2	1095.11	28.4	51.77
30	7,018	491.28	80.5	84.40	39.8	77.02	472	2637.81	434.7	1132.95	27.5	50.10
31	6,975	488.25	79.2	83.04	39.8	77.03	471	2630.41	427.8	1114.98	27.1	49.29
TOTAL	231,152	16,181	2,485	2,605	719	1,390	12,521	69,964	10,140	26,427	874	1,593
AVG	7,457	521.96	80	84.02	23	44.85	404	2256.89	327	852.50	28	51.37
MAX	9,433	660.34	116	121.43	47	89.99	565	3156.36	435	1132.95	40	72.09
MIN	6,262	438.33	66	69.16	0	0.00	304	1699.80	225	586.84	14	26.03
COST	\$8,897.99		\$5,436.94		\$10,261.37		\$53,452.24		\$22,198.99		\$4,812.84	
\$/MG	\$28.64		\$17.50		\$33.03		\$172.04		\$71.45		\$15.49	

Public Water System Name: COBA Water Treatment Plant
PWS ID No.: OK 1021508

Month: January
Year: 2024

Date	pH (by Continuous Reading Analyzers)				Hardness and Alkalinity - Finished Water Grab Samples						
	Membrane Filtrate		Finished Water		Hardness (ppm)		Alkalinity (ppm as CaCO ₃)				CaCO ₃ Stability
	Daily Max	Daily Min	Daily Max	Daily Min	AM	PM	Phenol AM	Phenol PM	Total AM	Total PM	
1	8.0	8.0	8.2	8.1	159.00	162.00	0.00	0.00	110.00	110.00	5.00
2	8.0	8.0	8.1	8.1	160.00	167.00	0.00	0.00	110.00	111.00	0.00
3	8.0	7.9	8.1	8.1	166.00	167.00	0.00	0.00	112.00	112.00	8.00
4	8.0	7.9	8.1	8.1	162.00	165.00	0.00	0.00	111.00	113.00	4.00
5	8.0	8.0	8.1	8.1	167.00	163.00	0.00	0.00	113.00	114.00	4.00
6	8.0	8.0	8.2	8.1	168.00	164.00	0.00	0.00	113.00	111.00	4.00
7	8.0	8.0	8.2	8.2	168.00	165.00	0.00	0.00	114.00	113.00	3.00
8	8.0	8.0	8.2	8.2	167.00	166.00	0.00	0.00	113.00	114.00	6.00
9	8.0	8.0	8.2	8.2	164.00	169.00	0.00	0.00	112.00	111.00	7.00
10	8.0	8.0	8.2	8.2	168.00	170.00	0.00	0.00	113.00	114.00	4.00
11	8.0	8.0	8.2	8.2	170.00	170.00	0.00	0.00	112.00	114.00	2.00
12	8.0	8.0	8.3	8.2	175.00	170.00	0.00	0.00	113.00	117.00	5.00
13	8.1	8.0	8.3	8.3	173.00	176.00	0.00	0.00	115.00	115.00	3.00
14	8.1	8.0	8.3	8.3	174.00	174.00	0.00	0.00	115.00	114.00	5.00
15	8.1	8.1	8.4	8.3	170.00	177.00	0.00	0.00	114.00	113.00	6.00
16	8.1	8.0	8.3	8.2	176.00	176.00	0.00	0.00	112.00	114.00	2.00
17	8.0	8.0	8.3	8.2	175.00	178.00	0.00	0.00	114.00	115.00	3.00
18	8.0	7.5	8.2	7.7	176.00	178.00	0.00	0.00	111.00	114.00	4.00
19	7.7	7.7	7.9	7.9	178.00	178.00	0.00	0.00	115.00	115.00	1.00
20	7.7	7.7	8.0	7.9	178.00	179.00	0.00	0.00	114.00	115.00	1.00
21	7.7	7.7	8.0	7.9	178.00	176.00	0.00	0.00	116.00	117.00	5.00
22	7.7	7.7	8.0	8.0	180.00	178.00	0.00	0.00	117.00	115.00	5.00
23	7.7	7.6	8.0	8.0	174.00	177.00	0.00	0.00	113.00	116.00	4.00
24	7.6	7.6	8.0	7.9	179.00	179.00	0.00	0.00	117.00	117.00	5.00
25	7.6	7.6	8.0	7.9	184.00	185.00	0.00	0.00	119.00	118.00	4.00
26	7.6	7.6	8.0	7.9	183.00	181.00	0.00	0.00	117.00	110.00	8.00
27	7.6	7.6	7.9	7.9	184.00	182.00	0.00	0.00	117.00	115.00	-1.00
28	7.6	7.6	7.9	7.8	181.00	177.00	0.00	0.00	114.00	111.00	1.00
29	7.6	7.5	7.9	7.8	176.00	180.00	0.00	0.00	111.00	111.00	2.00
30	7.6	7.5	7.9	7.8	175.00	178.00	0.00	0.00	107.00	108.00	3.00
31	7.6	7.5	7.9	7.9	178.00	178.00	0.00	0.00	111.00	110.00	3.00
AVG					173	174	0	0	113	113	4
MAX	8.1	8.1	8.4	8.3	184	185	0	0	119	118	8
MIN	7.6	7.5	7.9	7.7	159	162	0	0	107	108	-1

Public Water System Name: COBA Water Treatment Plant
 PWS ID No.: OK 1021508

Month: January
 Year: 2024

Date	Turbidity (NTU) Continuous Reading Analyzers						Chlorine Residual (Total or Free as Noted, mg/L) Continuous Reading Analyzers					
	Finished Water (Highest Reading in 4-hour Period)						Finished Water Total Chlorine (Min. in 4 Hour Period)					
	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM	12:00 AM	4:00 AM	8:00 AM	12:00 PM	4:00 PM	8:00 PM
1	0.01	0.01	0.01	0.01	0.02	0.01	3.38	3.45	3.44	3.41	3.39	3.39
2	0.01	0.01	0.01	0.01	0.01	0.01	3.37	3.37	3.37	3.38	3.37	3.37
3	0.01	0.01	0.01	0.01	0.01	0.01	3.42	3.38	3.38	3.39	3.39	3.39
4	0.01	0.01	0.01	0.01	0.01	0.01	3.46	3.46	3.46	3.46	3.46	3.46
5	0.01	0.01	0.01	0.01	0.01	0.01	3.42	3.48	3.48	3.47	3.45	3.44
6	0.01	0.01	0.01	0.01	0.01	0.01	3.40	3.39	3.40	3.39	3.39	3.39
7	0.01	0.01	0.01	0.01	0.01	0.01	3.38	3.40	3.39	3.39	3.39	3.39
8	0.01	0.01	0.01	0.01	0.01	0.01	3.42	3.41	3.42	3.42	3.42	3.42
9	0.02	0.02	0.01	0.01	0.01	0.01	3.33	3.59	3.40	3.39	3.36	3.34
10	0.01	0.01	0.01	0.01	0.01	0.01	3.41	3.33	3.35	3.36	3.37	3.39
11	0.01	0.01	0.01	0.01	0.01	0.01	3.42	3.42	3.42	3.42	3.43	3.43
12	0.01	0.01	0.01	0.01	0.01	0.01	3.53	3.42	3.43	3.45	3.47	3.50
13	0.01	0.01	0.01	0.01	0.01	0.01	3.53	3.54	3.52	3.51	3.50	3.50
14	0.01	0.01	0.01	0.01	0.01	0.01	3.57	3.56	3.57	3.56	3.55	3.56
15	0.01	0.01	0.01	0.01	0.01	0.01	3.45	3.59	3.59	3.52	3.48	3.45
16	0.01	0.01	0.01	0.01	0.01	0.01	3.33	3.45	3.45	3.43	3.39	3.36
17	0.01	0.01	0.01	0.01	0.01	0.01	3.45	3.29	3.39	3.42	3.41	3.42
18	0.01	0.01	0.01	0.01	0.01	0.01	3.43	3.43	3.41	3.40	3.39	3.40
19	0.02	0.01	0.01	0.01	0.01	0.01	3.37	3.44	3.41	3.37	3.35	3.34
20	0.02	0.01	0.01	0.01	0.01	0.01	3.54	3.41	3.44	3.46	3.50	3.51
21	0.02	0.01	0.01	0.01	0.01	0.01	3.13	3.57	3.58	3.57	3.57	3.53
22	0.02	0.01	0.01	0.01	0.01	0.01	3.34	3.11	3.34	3.35	3.35	3.35
23	0.02	0.01	0.01	0.01	0.01	0.01	3.35	3.33	3.32	3.33	3.35	3.35
24	0.02	0.01	0.01	0.01	0.01	0.01	3.45	3.35	3.33	3.33	3.37	3.41
25	0.02	0.01	0.01	0.01	0.01	0.01	3.46	3.46	3.47	3.46	3.45	3.45
26	0.02	0.01	0.01	0.01	0.01	0.02	3.42	3.46	3.45	3.44	3.42	3.42
27	0.02	0.01	0.01	0.01	0.01	0.01	3.42	3.44	3.44	3.44	3.44	3.43
28	0.02	0.01	0.01	0.01	0.01	0.01	3.40	3.42	3.41	3.40	3.39	3.38
29	0.02	0.01	0.01	0.01	0.02	0.01	3.35	3.42	3.42	3.39	3.35	3.35
30	0.02	0.02	0.01	0.01	0.01	0.01	3.32	3.36	3.32	3.31	3.31	3.32
31	0.02	0.01	0.01	0.01	0.01	0.01	3.29	3.38	3.37	3.35	3.33	3.30
AVG	0.02	0.01	0.01	0.01	0.01	0.01	3.4	3.4	3.4	3.4	3.4	3.4
MAX	0.02	0.02	0.01	0.01	0.02	0.02	3.6	3.6	3.6	3.6	3.6	3.6
MIN	0.01	0.01	0.01	0.01	0.01	0.01	3.1	3.1	3.3	3.3	3.3	3.3

Finished Water Turbidity Summary and Statistics

	No. of Samples	Percent of Total Samples
Turbidity Greater Than 0.5 NTU	0	0
Turbidity Greater Than 0.3 NTU	0	0
Turbidity Greater Than 0.1 NTU	0	0

Total Number of Turbidity Samples	186
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PWSID 1021508

SYSTEM COBA WTP

MONTH January

*Type of Material Applied

Hydrofluosilicic Acid

YEAR 2024

Date	Water Treated 1,000s of Gallons	APPLIED		RESIDUAL F, ppm (RAW)		RESIDUAL F, ppm (FINISHED WATER)	
		LBS/DAY	PPM of F	AM	PM	AM	PM
1	8,502	52	0.73	0.37	0.58	0.87	0.96
2	8,920	56	0.76	0.18	0.44	0.86	1.16
3	9,227	61	0.79	0.37	0.40	1.04	1.05
4	9,403	69	0.87	0.32	0.23	0.97	1.00
5	8,506	59	0.84	0.21	0.38	0.99	1.07
6	8,500	51	0.71	0.37	0.53	1.00	1.28
7	8,807	43	0.58	0.43	0.45	0.86	0.89
8	8,787	48	0.66	0.34	0.57	0.85	1.07
9	7,605	42	0.65	0.22	0.53	0.86	0.96
10	9,826	48	0.58	0.32	0.40	0.83	0.91
11	8,659	42	0.58	0.31	0.39	0.72	0.97
12	9,217	50	0.65	0.36	0.54	0.78	0.99
13	9,131	48	0.63	0.44	0.40	0.87	0.81
14	10,678	54	0.60	0.51	0.35	0.85	0.87
15	11,632	59	0.61	0.36	0.42	0.87	0.95
16	11,322	53	0.56	0.48	0.50	0.95	0.97
17	13,548	72	0.64	0.28	0.36	0.79	0.84
18	12,119	65	0.65	0.28	0.46	1.09	0.98
19	10,684	52	0.58	0.19	0.54	0.80	1.06
20	11,227	55	0.59	0.45	0.28	0.87	0.93
21	10,202	55	0.65	0.28	0.30	0.95	0.66
22	10,852	58	0.64	0.29	0.28	0.82	0.63
23	10,546	51	0.58	0.43	0.19	1.17	0.73
24	10,043	33	0.40	0.28	0.56	0.78	0.87
25	9,517	26	0.33	0.27	0.29	0.56	0.53
26	9,536	49	0.62	0.21	0.46	0.73	0.92
27	9,158	44	0.58	0.58	0.47	1.01	0.94
28	9,544	46	0.58	0.25	0.40	0.85	0.87
29	9,718	52	0.64	0.28	0.29	0.86	0.84
30	9,353	50	0.64	0.20	0.33	0.84	0.83
31	9,293	49	0.64	0.30	0.40	0.88	1.03
Total	304,060	1,593					
Avg.	9,808	51	0.63	0.33	0.41	0.88	0.92

*Example: Sodium Fluoride, Sodium Fluorosilicate (Sodium Silicofluoride), and Fluorosilicic Acid (Hydrofluosilicic Acid)

It is required that this report be received by the 10th of the following month.

SEND TO: OSDH-Dental Health Services AND
1000 N.E. Tenth Street
Oklahoma City, OK 73117-1299

Dept of Environmental Quality
PO Box 1677
Oklahoma City, OK 73101-1677

I hereby certify the above to be

correct to the best of my knowledge.

Signed Lou Ann Johnson

Title: Water Plant Manager

City Broken Arrow

ODH Form No. 561 / DEQ Form 631-001

Notes:

Public Water System Name: COBA Water Treatment Plant
PWS ID No.: OK 1021508

Month: January
Year: 2024

Date	Distribution Total Chlorine mg/L A.M. Sample				Distribution Total Chlorine mg/L P.M. Sample			
	Time	Location	mg/L	Sampler	Time	Location	mg/L	Sampler
1	11:56	7900 E. Norman	3.30	R.M.	12:20	2909 E. Montpelier St.	3.10	R.M.
2	10:31	809 W. Fredericksburg St.	3.10	M.L.	13:36	1309 E. Reno St.	3.70	M.L.
3	10:32	421 S. Forest Ridge Blvd.	3.20	M.L.	12:52	3800 W. Broadway St.	3.10	M.L.
4	09:17	409 E. Helena St.	3.00	M.L.	12:35	1505 W. Van Buren St.	3.10	M.L.
5	08:52	3309 W. El Paso St.	3.00	M.L.	13:08	22328 E. 68th St.	2.80	M.L.
6	11:49	1301 N 53rd St.	3.00	ME	12:40	3621 S Elm St.	3.20	ME
7	11:28	1002 E. Dover St.	3.30	T.R.	12:53	1309 E. Reno St.	3.30	T.R.
8	10:25	4121 E. Omaha St.	2.80	M.L.	12:12	608 E. Pensacola St.	2.80	M.L.
9	10:44	3706 S. Orange Cir.	2.40	M.L.	12:15	1116 W. Granger St.	2.90	M.L.
10	11:07	9018 S. 199th E. Ave.	2.00	M.L.	13:09	3403 W. Urbana St.	2.90	M.L.
11	10:23	8105 S. Elder Ave.	3.00	M.L.	13:53	2613 W. Elgin St.	3.40	M.L.
12	11:30	24606 E. Sisemore St.	3.40	M.L.	14:13	800 E. Waco St.	2.70	M.L.
13	11:44	1200 E. Dover St.	3.30	S.B	12:10	702 E. Mason Dr.	3.20	S.B
14	11:45	2909 E. Montpelier St.	2.80	R.M.	12:50	1309 E. Reno St.	3.00	R.M.
15	11:28	1116 W. Granger St.	3.40	T.R.	12:50	2400 E. Kenosha St.	3.20	T.R.
16	11:53	7900 E. Norman St.	3.80	M.L.	15:02	4001 S. Chestnut Ave.	3.50	M.L.
17	09:02	5005 S. Lions Ave.	3.50	M.L.	13:19	1309 E. Reno St.	3.50	M.L.
18	09:02	7213 S. Dennis Blvd	2.50	M.L.	13:06	4608 W. Eagle Pass St.	3.50	M.L.
19	10:40	1121 S 34th St.	3.20	ML	12:38	1904 W Lola St.	3.00	AR
20	08:05	36500 E. 66th St. S.	3.40	S.B	12:25	6057 S. 353rd E. Ave	2.70	S.B
21	11:45	2909 E. Montpelier St.	2.90	R.M.	12:30	501 W. Kenosha St.	2.20	R.M.
22	11:03	485 N. Poplar Ave.	2.60	M.L.	14:08	6601 E. Broadway St.	3.40	M.L.
23	11:40	4203 S. Walnut Ave.	3.60	M.L.	12:42	3200 N. Oak Ave.	3.50	M.L.
24	11:40	3301 W. Freeport St.	3.50	M.L.	13:05	721 S. 27th St.	3.30	M.L.
25	09:06	7521 S. Elm Ave.	3.30	M.L.	12:15	409 N. 11th St.	3.10	M.L.
26	09:00	3021 W. Oakland St.	3.10	M.L.	12:46	1317 N. 53rd St.	3.80	M.L.
27	11:43	2400 E. Kenosha St.	2.10	S.B	12:32	6575 369th E. Ave	3.50	S.B
28	11:49	1309 E. Reno St.	3.00	T.R.	12:45	1116 W. Granger St.	3.20	T.R.
29	09:50	2501 E. Queens St.	3.30	J.S.	13:10	4905 S. Chestnut Ave.	3.20	J.S.
30	11:32	8001 Lariat Cir.	2.00	M.L.	14:11	800 E. Vancouver St.	3.50	M.L.
31	08:42	3205 W. Mobile St.	3.00	M.L.	14:25	1228 W. Nashville St.	3.80	M.L.

Average 3.03
Min. 2.00
Max. 3.80

Average 3.20
Min. 2.20
Max. 3.80