

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

Reporting Period: [November] [2024]



Operating Data Summary

Water Production (MG)

	Month	Average Day
Raw Water Treated	313.74	10.5
Finished Water	305.13	10.2

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	180	
Highest Turbidity Reading	0.032	
No. Samples > 1 NTU	0	
No. Samples > 5 NTU	0	

Monthly Chemical Usage (Non-Membrane Usage)

Chemical	Total lbs	lbs/Finished MG
Sodium Hypochlorite	23,943	1,121.0
Salt (for hypo generation)	71,830	3,362.9
Liquid Ammonium Sulfate	3,042	9.5
Sodium Permanganate	1,364	2.3
Aluminum Chlorohydrate	81,668	47.9
Sodium Hydroxide	7,356	9.3
Hydrofluosilicic Acid	1,039	1.9

Monthly Costs

	Total	\$/Finished MG	\$/1000 gal
Plant Electricity	\$77,156.73	\$252.86	\$0.2529
Total Chemical	\$94,976.03	\$311.26	\$0.3113
Total Labor	\$121,892.21	\$399.48	\$0.3995
Services	\$34,433.54	\$112.85	\$0.1128
Materials and Supplies	\$4,688.11	\$15.36	\$0.0154
Equipment Expenses	\$4,244.73	\$13.91	\$0.0139
Total	\$337,391.35	\$1,105.73	\$1.1057

Total Chlorine Residual:

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

Individual Membrane Unit Turbidity Checklist

1. IS TURBIDITY FROM EACH INDIVIDUAL MEMBRANE UNIT RECORDED EVERY 15 MINUTES?	YES/NO
	<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:

12/10/2024

Date

Title:

Assistant Water Plant Manager

Operator Certificate No.

97672

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

Month:
Year

November
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	15.56	10.74	11.57		1.03
2	7.81	11.28	10.63		0.67
3	0.00	10.66	11.10		0.71
4	0.00	11.83	11.31		1.08
5	0.00	11.15	10.29		0.76
6	0.00	11.00	10.61		0.68
7	0.00	11.59	12.33		0.81
8	0.00	12.10	10.15		0.46
9	0.00	10.54	10.33		1.04
10	0.00	12.30	10.84		0.14
11	0.00	11.70	10.80		0.40
12	0.00	9.64	10.07		1.09
13	20.17	10.01	10.19		0.77
14	20.80	10.92	10.69		0.62
15	20.62	10.67	10.26		0.65
16	20.59	9.38	9.58		0.56
17	20.54	10.73	9.38		0.70
18	20.47	9.82	10.07		0.87
19	20.32	9.51	10.12		0.69
20	20.19	9.70	9.70		0.60
21	20.20	10.00	9.35		0.25
22	5.10	11.40	9.82		0.23
23	0.00	8.64	9.00		0.35
24	0.00	9.65	9.89		0.55
25	0.00	10.76	10.09		0.50
26	0.00	10.23	9.56		0.63
27	10.65	9.57	9.70		0.72
28	10.97	10.55	9.87		0.69
29	10.92	9.31	8.79		0.50
30	10.91	8.37	9.05		0.38
31					
TOTAL	255.82	313.74	305.13	0.00	19.14
AVG	8.53	10.46	10.17	#DIV/0!	0.64
MAX	20.80	12.30	12.33	0.00	1.09
MIN	0.00	8.37	8.79	0.00	0.14

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

Month: November
 Year: 2024

TOTAL CHEMICAL COST:		\$94,976	
Cost Per MG Treated	\$302.72	Cost Per MG Delivered	\$311.26
Million Gallons Treated	313.74	Million Gallons Delivered	305.13

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	12,364	865.45	110.1	115.43	35.3	68.30	563	3144.68	78.8	205.29	21.7	39.54
2	11,348	794.33	100.1	104.94	17.9	34.72	517	2887.33	71.8	187.15	19.7	35.95
3	12,454	871.76	107.5	112.68	0.0	0.00	542	3030.00	77.0	200.77	21.2	38.60
4	12,474	873.18	106.6	111.68	0.0	0.00	541	3021.74	76.3	198.92	21.0	38.26
5	11,537	807.56	98.4	103.14	0.0	0.00	497	2774.74	70.4	183.47	19.3	35.22
6	11,760	823.20	100.0	104.82	0.0	0.00	512	2861.04	71.1	185.25	19.5	35.60
7	13,729	961.05	118.0	123.64	0.0	0.00	592	3309.58	83.5	217.65	23.1	42.00
8	10,980	768.59	98.1	102.83	0.0	0.00	493	2752.70	69.9	182.17	19.2	34.92
9	10,972	768.04	98.7	103.44	0.0	0.00	500	2794.44	70.2	182.95	19.3	35.14
10	11,661	816.28	103.6	108.54	0.0	0.00	530	2962.97	74.2	193.38	20.4	37.22
11	11,546	808.19	101.6	106.46	0.0	0.00	525	2934.89	73.3	191.15	20.2	36.78
12	10,841	758.90	94.4	98.97	0.0	0.00	504	2815.56	68.1	177.42	18.7	34.06
13	11,297	790.78	96.3	100.89	47.3	91.43	492	2747.71	69.1	179.99	19.0	34.56
14	11,961	837.29	101.7	106.57	46.9	90.78	520	2904.57	72.8	189.74	20.0	36.50
15	11,548	808.33	97.2	101.85	46.8	90.46	495	2766.40	69.7	181.63	19.2	34.89
16	11,238	786.65	91.0	95.41	46.7	90.38	457	2555.83	81.7	212.92	17.8	32.46
17	10,961	767.30	90.3	94.69	57.2	110.70	453	2532.13	120.9	315.22	17.7	32.17
18	11,508	805.54	93.7	98.20	67.9	131.39	466	2603.15	125.4	326.89	18.3	33.36
19	11,783	824.82	92.7	97.19	73.8	142.70	456	2547.04	124.1	323.34	18.1	33.01
20	11,410	798.68	88.4	92.63	73.3	141.78	431	2409.83	118.4	308.46	17.3	31.46
21	11,997	839.82	94.7	99.23	72.8	140.94	466	2606.49	126.7	330.23	18.5	33.71
22	12,346	864.19	99.7	104.45	19.6	37.96	501	2802.07	133.3	347.34	19.5	35.48
23	10,205	714.35	83.0	86.98	0.0	0.00	404	2257.68	111.2	289.93	16.2	29.55
24	11,272	789.05	93.2	97.72	0.0	0.00	458	2559.95	124.7	325.09	18.2	33.19
25	11,687	818.07	100.2	105.05	0.0	0.00	499	2790.27	134.7	351.16	19.7	35.90
26	10,524	736.65	90.4	94.77	0.0	0.00	456	2547.57	123.5	321.85	18.0	32.86
27	10,540	737.79	91.6	95.99	24.9	48.26	451	2519.69	123.6	322.01	18.1	32.89
28	10,761	753.29	93.3	97.74	24.9	48.14	466	2602.80	106.8	278.23	18.5	33.63
29	9,762	683.32	83.2	87.19	24.8	47.95	416	2323.10	85.6	223.22	16.6	30.21
30	9,583	670.81	84.8	88.87	24.8	47.90	412	2301.80	85.7	223.45	16.6	30.22
31												
TOTAL	342,046	23,943	2,903	3,042	705	1,364	14,615	81,668	2,823	7,356	571	1,039
AVG	11,402	798.11	97	101.40	23	45.46	487	2722.26	94	245.21	19	34.64
MAX	13,729	961.05	118	123.64	74	142.70	592	3309.58	135	351.16	23	42.00
MIN	9,583	670.81	83	86.98	0	0.00	404	2257.68	68	177.42	16	29.55
COST	\$13,166.75		\$5,257.03		\$10,064.79		\$57,167.41		\$6,179.27		\$3,140.78	
\$/MG	\$41.97		\$16.76		\$32.08		\$182.21		\$19.70		\$10.01	

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

Month: November
Year: 2024

Date	pH (by Continuous Reading Analyzers)				Hardness and Alkalinity - Finished Water Grab Samples						CaCO ₃ Stability
	Membrane Filtrate		Finished Water		Hardness (ppm)		Alkalinity (ppm as CaCO ₃)				
	Daily Max	Daily Min	Daily Max	Daily Min	AM	PM	Phenol AM	Phenol PM	Total AM	Total PM	
1	7.9	7.8	8.1	8.1	135.00	134.00	0.00	0.00	112.00	110.00	5.00
2	7.9	7.8	8.2	8.1	134.00	135.00	0.00	0.00	111.00	109.00	6.00
3	7.9	7.8	8.1	8.1	136.00	132.00	0.00	0.00	111.00	108.00	5.00
4	7.8	7.7	8.1	8.0	125.00	132.00	0.00	0.00	107.00	105.00	4.00
5	7.8	7.7	8.1	8.0	129.00	129.00	0.00	0.00	106.00	105.00	2.00
6	7.8	7.0	8.1	7.8	127.00	132.00	0.00	0.00	101.00	107.00	7.00
7	7.0	7.0	8.0	8.0	129.00	129.00	0.00	0.00	103.00	105.00	4.00
8	7.0	7.0	8.0	8.0	131.00	130.00	0.00	0.00	110.00	105.00	5.00
9	7.0	7.0	8.0	8.0	132.00	129.00	0.00	0.00	108.00	102.00	5.00
10	7.0	7.0	8.1	8.0	131.00	128.00	0.00	0.00	112.00	104.00	7.00
11	7.0	7.0	8.1	8.0	120.00	127.00	0.00	0.00	103.00	104.00	7.00
12	7.0	7.0	8.1	8.1	128.00	128.00	0.00	0.00	105.00	104.00	1.00
13	7.0	7.0	8.1	8.0	127.00	132.00	0.00	0.00	104.00	105.00	7.00
14	7.0	7.0	8.0	7.9	133.00	129.00	0.00	0.00	109.00	105.00	4.00
15	7.0	7.0	7.9	7.8	132.00	134.00	0.00	0.00	107.00	104.00	5.00
16	7.0	7.0	7.9	7.8	129.00	125.00	0.00	0.00	103.00	100.00	5.00
17	7.0	7.0	8.0	7.9	125.00	121.00	0.00	0.00	105.00	102.00	1.00
18	7.0	7.0	8.0	8.0	119.00	121.00	0.00	0.00	97.00	100.00	2.00
19	7.0	7.0	8.0	7.9	119.00	118.00	0.00	0.00	99.00	97.00	3.00
20	7.0	7.0	8.0	8.0	114.00	115.00	0.00	0.00	94.00	95.00	5.00
21	7.0	7.0	8.0	8.0	114.00	117.00	0.00	0.00	93.00	92.00	5.00
22	7.0	7.0	8.0	8.0	114.00	119.00	0.00	0.00	97.00	91.00	4.00
23	7.0	7.0	8.0	7.9	116.00	121.00	0.00	0.00	94.00	91.00	1.00
24	7.0	7.0	8.1	8.0	116.00	110.00	0.00	0.00	91.00	90.00	3.00
25	7.0	7.0	8.2	8.1	110.00	114.00	0.00	0.00	90.00	90.00	1.00
26	7.0	7.0	8.2	8.1	112.00	113.00	0.00	0.00	89.00	91.00	4.00
27	7.0	7.0	8.3	8.2	111.00	119.00	0.00	0.00	88.00	87.00	4.00
28	7.0	7.0	8.3	8.1	119.00	117.00	0.00	0.00	92.00	89.00	4.00
29	7.0	7.0	8.1	8.0	113.00	114.00	0.00	0.00	91.00	89.00	4.00
30	7.0	7.0	8.1	8.0	113.00	123.00	0.00	0.00	90.00	86.00	2.00
31											
AVG					123	124	0	0	101	99	4
MAX	7.9	7.8	8.3	8.2	136	135	0	0	112	110	7
MIN	7.0	7.0	7.9	7.8	110	110	0	0	88	86	1

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

Month: November
 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	0.02	0.02	0.02	0.02	0.02	0.02	3.82	3.56	3.59	3.69	3.78	3.82
2	0.02	0.02	0.02	0.02	0.02	0.02	3.75	3.75	3.77	3.79	3.79	3.76
3	0.03	0.02	0.02	0.02	0.02	0.02	3.71	3.73	3.69	3.62	3.61	3.66
4	0.02	0.02	0.02	0.02	0.02	0.02	3.69	3.82	3.84	3.81	3.75	3.72
5	0.02	0.02	0.02	0.02	0.02	0.02	3.66	3.70	3.71	3.71	3.70	3.68
6	0.02	0.02	0.02	0.02	0.02	0.02	3.75	3.67	3.69	3.65	3.71	3.71
7	0.02	0.02	0.02	0.02	0.02	0.02	3.97	3.83	3.85	3.86	3.86	3.87
8	0.02	0.02	0.02	0.02	0.02	0.02	3.69	3.99	3.90	3.82	3.76	3.71
9	0.02	0.02	0.02	0.02	0.02	0.02	3.75	3.68	3.67	3.63	3.63	3.69
10	0.02	0.02	0.02	0.02	0.03	0.02	3.77	3.78	3.79	3.79	3.79	3.78
11	0.02	0.02	0.02	0.02	0.02	0.02	3.77	3.80	3.81	3.79	3.80	3.73
12	0.02	0.02	0.02	0.02	0.02	0.02	3.67	3.77	3.76	3.74	3.68	3.67
13	0.02	0.02	0.02	0.02	0.02	0.02	3.75	3.65	3.63	3.61	3.64	3.71
14	0.02	0.02	0.02	0.02	0.02	0.02	3.76	3.80	3.83	3.81	3.79	3.80
15	0.02	0.02	0.02	0.02	0.02	0.02	3.67	3.75	3.74	3.73	3.72	3.65
16	0.02	0.02	0.02	0.02	0.02	0.02	3.70	3.64	3.70	3.64	3.62	3.63
17	0.02	0.02	0.02	0.02	0.02	0.03	3.70	3.73	3.73	3.69	3.68	3.68
18	0.02	0.02	0.02	0.02	0.02	0.02	3.61	3.69	3.70	3.67	3.64	3.62
19	0.02	0.02	0.02	0.02	0.02	0.02	3.69	3.61	3.60	3.62	3.64	3.71
20	0.02	0.02	0.02	0.02	0.02	0.02	3.79	3.77	3.78	3.78	3.78	3.78
21	0.02	0.02	0.02	0.02	0.02	0.02	3.90	3.82	3.84	3.86	3.87	3.89
22	0.02	0.02	0.02	0.02	0.02	0.03	3.82	3.86	3.91	3.88	3.88	3.84
23	0.02	0.03	0.02	0.02	0.02	0.02	3.81	3.82	3.81	3.78	3.77	3.78
24	0.02	0.02	0.03	0.02	0.02	0.02	3.88	3.76	3.85	3.85	3.86	3.92
25	0.02	0.02	0.02	0.02	0.02	0.02	3.87	3.89	3.91	3.90	3.91	3.93
26	0.02	0.02	0.02	0.02	0.02	0.02	3.80	3.91	3.90	3.86	3.83	3.82
27	0.02	0.02	0.02	0.02	0.02	0.02	3.89	3.80	3.81	3.82	3.84	3.87
28	0.02	0.02	0.02	0.02	0.02	0.02	3.89	3.96	3.94	3.93	3.87	3.90
29	0.02	0.02	0.02	0.02	0.02	0.02	3.85	3.87	3.84	3.83	3.84	3.85
30	0.02	0.02	0.02	0.02	0.02	0.02	3.83	3.88	3.85	3.82	3.76	3.81
31												
AVG	0.02	0.02	0.02	0.02	0.02	0.02	3.8	3.8	3.8	3.8	3.8	3.8
MAX	0.03	0.03	0.03	0.02	0.03	0.03	4.0	4.0	3.9	3.9	3.9	3.9
MIN	0.02	0.02	0.02	0.02	0.02	0.02	3.6	3.6	3.6	3.6	3.6	3.6

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	180
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PWSID 1021508

SYSTEM COBA WTP

MONTH November

*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	11,567	40	0.41	0.43	0.53	0.78	0.83
2	10,633	36	0.41	0.38	0.20	0.74	0.52
3	11,103	39	0.42	0.34	0.40	0.76	0.73
4	11,306	38	0.41	0.35	0.28	0.76	0.66
5	10,286	35	0.41	0.17	0.37	0.72	0.77
6	10,611	36	0.40	0.28	0.28	0.69	0.70
7	12,330	42	0.41	0.43	0.29	0.76	0.77
8	10,151	35	0.41	0.38	0.34	0.76	0.61
9	10,331	35	0.41	0.35	0.33	0.69	0.69
10	10,841	37	0.41	0.38	0.49	0.74	0.81
11	10,800	37	0.41	0.44	0.34	0.79	0.85
12	10,072	34	0.41	0.38	0.39	0.75	0.82
13	10,194	35	0.41	0.45	0.36	0.89	0.84
14	10,686	37	0.41	0.24	0.34	0.67	0.74
15	10,257	35	0.41	0.14	0.32	0.69	0.86
16	9,577	32	0.41	0.20	0.31	0.65	0.76
17	9,379	32	0.41	0.27	0.09	0.69	0.75
18	10,070	33	0.40	0.28	0.34	0.70	0.68
19	10,116	33	0.39	0.17	0.30	0.81	0.75
20	9,703	31	0.39	0.14	0.14	0.70	0.68
21	9,355	34	0.43	0.16	0.26	0.51	0.61
22	9,818	35	0.43	0.24	0.31	0.80	0.65
23	9,001	30	0.39	0.23	0.48	0.68	0.89
24	9,886	33	0.40	0.29	0.25	0.65	0.81
25	10,090	36	0.43	0.43	0.16	0.77	0.56
26	9,557	33	0.41	0.25	0.34	0.49	0.76
27	9,697	33	0.41	0.31	0.46	0.70	0.85
28	9,872	34	0.41	0.34	0.32	0.70	0.67
29	8,793	30	0.41	0.20	0.42	0.78	0.70
30	9,050	30	0.40	0.25	0.22	0.55	0.70
31							
Total	305,131	1,039					
Avg.	10,171	35	0.41	0.30	0.32	0.71	0.73

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

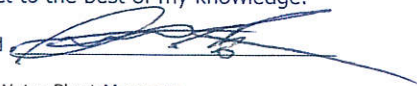
It is required that this report be received by the 10th of the following month.

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



Title: Water Plant Manager

City Broken Arrow

ODH Form No. 561 / DEQ Form 631-001

Notes:

Public Water System Name: COBA Water Treatment Plant

Month: November

PWS ID No.: OK 1021508

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	08:49	813 E. Waco St.	3.40	M.L	12:16	2124 E. Concord St.	3.40	M.L
2	11:46	7900 E. Norman St.	3.80	S.B	12:11	1301 N. 53rd St.	3.50	S.B
3	11:46	1308 E. Concord St.	3.20	T.R.	12:39	224 W. Freeport St.	3.40	T.R.
4	10:12	1301 N. 53rd St.	3.40	M.L.	12:02	804 N. 1st Pl.	3.50	M.L.
5	08:47	13725 S. 124th E. Ave.	2.90	M.L.	12:09	1116 W. Granger St.	3.00	M.L.
6	09:50	2101 W. Gary St.	3.10	M.L.	12:52	1005 N. Willow Ave.	3.30	M.L.
7	08:53	824 W. Waco St.	3.20	M.L.	12:03	1200 E. Dover St.	3.50	M.L.
8	10:24	532 S. Tamarack Ave	2.80	M.L	12:47	2705 E. Galveston Pl.	3.80	M.L
9	11:45	2513 E Dallas St.	3.20	ME	12:35	4705 S Elm Pl.	3.40	ME
10	11:55	1903 W. Rockport Pl.	3.40	R.M.	12:20	1729 S. Pine Ave.	3.60	R.M.
11	11:39	4121 E. Omaha St.	3.30	T.R.	12:24	2700 N. 7th St.	3.10	T.R.
12	09:49	4608 W. Eagle Pass St.	2.70	M.L.	12:36	506 E. Dallas St.	3.40	M.L.
13	10:56	322 W. Detroit St.	3.20	M.L.	13:41	1903 W. Rockport Pl.	3.20	M.L.
14	08:56	515 W. Quanah Pl.	3.30	M.L.	13:16	2513 E. Dallas St.	3.40	M.L.
15	08:50	3705 S. Yellowwood Ave.	3.30	M.L.	12:11	3604 S. 16th St.	3.50	M.L.
16	11:31	36500 E. 66th St. S.	3.60	S.B	16:25	6057 S. 353rd E. Ave	3.40	S.B
17	11:50	7213 S. Dennis Blvd.	3.70	R.M.	12:30	702 E. Mason Dr.	3.50	R.M.
18	10:14	1116 W. Granger St.	3.10	M.L.	12:51	12314 E. 126th Pl.	2.90	M.L.
19	08:55	4121 E. Omaha St.	2.50	M.L.	12:04	1817 S. Willow Ave.	2.20	M.L.
20	08:41	7500 S. Brich Ave.	3.20	M.L.	13:04	403 S. 5th Pl.	2.80	M.L.
21	08:32	1423 E. Concord Pl.	3.20	M.L.	14:42	2501 W. Ithica St.	2.70	M.L.
22	09:47	3036 W. Norman	3.20	M.L	12:00	3317 S. Ash Ct	3.20	M.L
23	11:57	3901 S Elm Pl.	3.50	ME	12:58	2513 E Dallas St.	3.30	ME
24	11:52	4001 S. Chestnut Ave.	3.10	T.R.	12:48	2700 N. 7th St.	3.40	T.R.
25	09:43	7213 S. Dennis Blvd.	3.90	M.L.	13:24	601 N. Palm Ave.	3.80	M.L.
26	10:41	1817 S. Date Ave.	3.10	M.L.	13:19	601 N. Palm Ave.	3.30	M.L.
27	08:32	6609 S. Chestnut Ave.	3.10	M.L.	13:06	901 S. Poplar Ave.	3.20	M.L.
28	11:43	702 E. Mason Dr.	3.70	S.B	12:11	708 W. Waco St.	3.70	S.B
29	11:47	322 W Detroit St.	3.60	ME	12:25	605 S Elder Ave.	2.90	ME
30	11:24	2513 E. Dallas St.	3.50	S.B	12:11	7900 E Norman St.	3.70	S.B

Average 3.27
 Min. 2.50
 Max. 3.90

Average 3.30
 Min. 2.20
 Max. 3.80