City of Broken Arrow WTP Monthly Operational Report Summary

Water Treatment Plant PWSID# OK 1021508

Reporting Period: [December] [2025]

CITY OF BROKEN ARROW
Where opportunity lives

Operating Data Summary

Water Production (MG)

	Month	Average Day
Raw Water Treated	293.67	9.5
Finished Water	285.40	9.2

Monthly Chemical Usage (Non-Membrane Usage)

Chemical	Total lbs	lbs/Finished MG
Sodium Hypochlorite	19,551	978.6
Salt (for hypo generation)	58,653	2,935.9
Liquid Ammonium Sulfate	2,850	9.5
Sodium Permanganate	1,207	2.2
Aluminum Chlorohydrate	71,763	45.0
Sodium Hydroxide	7,211	9.7
Hydrofluosilisic Acid	978	1.9

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	0.025	
No. Samples > 1 NTU	0	
No. Samples > 5 NTU	0	

Monthly Costs

	Total	$/Finished MG	$/1000 gal
Plant Electricity	$79,101.34	$277.16	$0.2772
Total Chemical	$84,092.42	$294.65	$0.2947
Total Labor	$123,328.70	$432.13	$0.4321
Services	$124,486.78	$436.19	$0.4362
Materials and Supplies	$40,972.34	$143.56	$0.1436
Equipment Expenses	$13,667.24	$47.89	$0.0479
Total	$465,648.82	$1,631.58	$1.6316

Individual Membrane Unit Turbidity Checklist

	YES/NO
1. IS TURBIDITY FROM EACH INDIVIDUAL MEMBRANE UNIT RECORDED EVERY 15 MINUTES?	YES
2. DID ANY SINGLE MEMBRANE UNIT EXCEED 2.0 NTU IN TWO CONSECUTIVE 15 MINUTE PERIODS?	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?	
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?	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?	
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?	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 **1/8/2026** (Date)

Title: Water Plant Manager

Operator Certificate No. 25369

Public Water System Name: COBA Water Treatment Plant Month: December
PWS ID No.: OK 1021508 Year 2025

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	10.97	9.83	9.01		0.56
2	10.96	10.79	9.02		0.69
3	10.96	8.68	9.02		0.59
4	10.95	7.72	8.97		0.41
5	4.45	8.98	8.52		0.42
6	0.00	9.09	8.47		0.44
7	0.00	8.36	8.97		0.64
8	0.00	9.67	9.26		0.66
9	20.63	9.63	9.40		0.63
10	21.19	9.26	9.05		0.52
11	16.88	9.15	9.04		0.36
12	0.00	9.49	9.06		0.46
13	0.00	9.57	9.02		0.66
14	0.00	9.12	8.78		0.49
15	10.64	9.07	9.15		0.49
16	10.98	9.93	9.16		0.50
17	21.08	9.45	9.44		0.52
18	21.39	9.19	9.41		0.65
19	0.69	9.64	9.42		0.62
20	0.00	10.25	9.33		0.39
21	0.00	9.87	9.28		0.42
22	20.52	9.33	9.67		0.60
23	21.28	10.55	10.05		0.60
24	16.71	10.87	10.33		0.53
25	0.00	9.54	9.24		0.53
26	0.00	8.44	8.74		0.52
27	0.00	9.91	10.24		0.52
28	10.88	9.98	8.97		0.51
29	11.17	9.43	9.15		0.49
30	11.30	9.02	9.09		0.50
31	11.28	9.87	9.15		0.49
TOTAL	**274.90**	**293.67**	**285.40**	**0.00**	**16.41**
AVG	8.87	9.47	9.21	#DIV/0!	0.53
MAX	21.39	10.87	10.33	0.00	0.69
MIN	0.00	7.72	8.47	0.00	0.36

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

Month: December
Year: 2025

TOTAL CHEMICAL COST:	$84,092		
Cost Per MG Treated	$286.35	Cost Per MG Delivered	$294.65
Million Gallons Treated	293.67	Million Gallons Delivered	285.40

Non-Membrane System Chemical Usage

Date	Sodium Hypochlorite (CL) NaClO		Liquid Ammonium Sulfate (LAS)		Sodium Permanganate (SP)		Aluminum Chlorohydrate (ACH)		Sodium Hydroxide (SH)		Hydrofluosilisic 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	9,087	636.08	91.5	95.87	24.9	48.17	424	2367.34	91.4	238.18	17.7	32.30
2	9,019	631.33	85.2	89.24	24.9	48.12	397	2219.51	85.2	221.96	16.5	30.07
3	12,014	840.98	90.0	94.32	24.9	48.09	419	2343.25	90.0	234.48	17.4	31.77
4	8,065	564.53	84.7	88.76	24.8	48.04	391	2186.39	84.6	220.55	16.4	29.90
5	7,636	534.54	80.3	84.19	9.3	18.05	371	2071.40	80.4	209.62	15.6	28.36
6	8,075	565.22	84.6	88.64	0.0	0.00	392	2189.01	84.6	220.43	16.4	29.86
7	8,285	579.93	87.7	91.91	0.0	0.00	406	2269.87	87.6	228.26	17.0	30.96
8	8,567	599.72	91.2	95.54	0.0	0.02	422	2355.85	90.9	237.01	17.7	32.19
9	8,411	588.74	88.1	92.28	48.3	93.36	409	2284.84	87.9	229.08	17.1	31.09
10	8,995	629.66	89.8	94.14	48.1	93.00	416	2322.49	89.7	233.82	17.4	31.71
11	8,742	611.96	86.1	90.18	36.8	71.29	398	2221.55	86.0	224.18	16.7	30.38
12	8,715	610.07	86.0	90.10	0.0	0.00	398	2223.57	86.0	224.22	16.7	30.35
13	9,262	648.37	90.5	94.88	0.0	0.00	419	2342.12	90.2	234.96	17.5	31.80
14	8,986	629.01	87.9	92.15	0.0	0.00	403	2252.19	87.3	227.43	16.9	30.79
15	8,603	602.23	85.0	89.04	24.9	48.18	389	2174.40	84.4	219.85	16.3	29.75
16	9,441	660.89	94.4	98.89	25.0	48.36	434	2423.07	93.6	244.07	18.2	33.12
17	8,657	605.99	86.8	90.97	48.5	93.76	404	2257.33	87.0	226.71	16.9	30.76
18	8,982	628.76	92.7	97.14	48.5	93.90	432	2416.63	93.2	242.85	18.1	32.99
19	8,995	629.65	93.2	97.68	0.1	0.16	435	2432.47	93.7	244.14	18.2	33.18
20	8,667	606.71	88.3	92.49	0.0	0.00	414	2311.16	88.7	231.27	17.2	31.42
21	8,616	603.12	86.6	90.74	0.0	0.00	406	2267.95	87.4	227.70	17.0	30.89
22	9,302	651.16	95.2	99.76	48.0	92.89	452	2524.31	96.9	252.58	18.9	34.34
23	9,526	666.82	94.2	98.73	48.3	93.39	451	2522.69	96.9	252.55	18.8	34.32
24	9,655	675.85	93.8	98.34	36.4	70.52	464	2590.52	99.1	258.33	19.3	35.15
25	8,934	625.39	83.0	86.95	0.0	0.00	414	2313.41	88.8	231.46	17.2	31.42
26	9,053	633.69	78.1	81.86	0.0	0.00	392	2188.35	84.3	219.62	16.4	29.79
27	10,419	729.32	91.3	95.71	0.0	0.05	456	2549.82	97.8	254.83	19.0	34.65
28	8,864	620.46	79.4	83.26	25.4	49.18	392	2190.82	84.3	219.65	16.3	29.77
29	9,420	659.43	85.7	89.86	25.3	49.05	421	2353.49	91.0	237.08	17.6	32.13
30	8,830	618.08	80.1	83.99	25.6	49.60	394	2201.62	85.0	221.65	16.5	30.03
31	9,478	663.46	87.8	91.96	25.6	49.52	429	2395.34	92.9	242.25	18.1	32.88
TOTAL	279,302	19,551	2,719	2,850	624	1,207	12,843	71,763	2,767	7,211	537	978
AVG	9,010	630.68	88	91.92	20	38.93	414	2314.93	89	232.61	17	31.55
MAX	12,014	840.98	95	99.76	49	93.90	464	2590.52	99	258.33	19	35.15
MIN	7,636	534.54	78	81.86	0	0.00	371	2071.40	80	209.62	16	28.36
COST	$11,015.41		$4,924.51		$8,905.56		$50,233.93		$6,057.07		$2,955.94	
$/MG	$37.51		$16.77		$30.32		$171.05		$20.63		$10.07	

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

Month: December
Year: 2025

Date	pH (by Continuous Reading Analyzers)				Hardness and Alkalinity - Finished Water Grab Samples						
					Hardness (ppm)		Alkalinity (ppm as $CaCO_3$)				$CaCO_3$ Stability
	Membrane Filtrate		Finished Water				Phenol	Phenol	Total	Total	
	Daily Max	Daily Min	Daily Max	Daily Min	AM	PM	AM	PM	AM	PM	
1	7.8	7.8	7.9	7.9	145.00	146.00	0.00	0.00	109.00	108.00	2.00
2	7.8	7.8	7.9	7.9	149.00	148.00	0.00	0.00	109.00	109.00	2.00
3	7.8	7.8	8.0	7.9	149.00	149.00	0.00	0.00	109.00	110.00	5.00
4	7.8	7.8	8.0	7.9	150.00	153.00	0.00	0.00	109.00	110.00	3.00
5	7.8	7.8	7.9	7.9	162.00	154.00	0.00	0.00	112.00	107.00	3.00
6	7.8	7.8	7.9	7.9	157.00	155.00	0.00	0.00	109.00	108.00	3.00
7	7.8	7.8	7.9	7.8	155.00	156.00	0.00	0.00	110.00	112.00	1.00
8	7.8	7.8	7.8	7.8	153.00	158.00	0.00	0.00	108.00	110.00	4.00
9	8.3	7.5	7.9	7.8	154.00	154.00	0.00	0.00	110.00	110.00	3.00
10	7.5	7.5	7.9	7.9	154.00	153.00	0.00	0.00	108.00	104.00	2.00
11	7.5	7.5	7.9	7.9	157.00	156.00	0.00	0.00	109.00	109.00	0.00
12	7.6	7.5	7.9	7.9	156.00	157.00	0.00	0.00	110.00	106.00	3.00
13	7.6	7.5	7.9	7.9	160.00	160.00	0.00	0.00	112.00	108.00	1.00
14	7.6	7.5	8.0	7.9	159.00	162.00	0.00	0.00	109.00	109.00	4.00
15	7.6	7.1	8.0	7.9	162.00	163.00	0.00	0.00	108.00	111.00	2.00
16	7.6	7.2	8.0	7.9	159.00	158.00	0.00	0.00	110.00	109.00	-2.00
17	7.6	7.1	8.0	8.0	156.00	161.00	0.00	0.00	108.00	109.00	2.00
18	7.7	7.2	8.1	7.9	160.00	160.00	0.00	0.00	111.00	110.00	7.00
19	7.6	7.6	8.1	8.0	161.00	159.00	0.00	0.00	111.00	111.00	7.00
20	7.7	7.6	8.1	8.1	161.00	161.00	0.00	0.00	114.00	109.00	1.00
21	7.7	7.6	8.1	8.1	164.00	167.00	0.00	0.00	114.00	112.00	-1.00
22	7.7	7.6	8.1	8.1	167.00	170.00	0.00	0.00	111.00	113.00	7.00
23	7.7	7.6	8.1	8.1	159.00	166.00	0.00	0.00	120.00	115.00	1.00
24	7.6	7.6	8.1	8.1	163.00	172.00	0.00	0.00	113.00	114.00	8.00
25	7.6	7.6	8.1	8.1	163.00	170.00	0.00	0.00	115.00	117.00	-1.00
26	7.6	7.6	8.1	8.1	162.00	170.00	0.00	0.00	115.00	116.00	7.00
27	7.6	7.6	8.1	8.1	165.00	164.00	0.00	0.00	118.00	113.00	8.00
28	7.7	7.6	8.1	8.0	171.00	168.00	0.00	0.00	116.00	117.00	0.00
29	7.7	7.6	8.2	8.1	171.00	167.00	0.00	0.00	116.00	117.00	5.00
30	7.7	7.6	8.2	8.2	165.00	168.00	0.00	0.00	114.00	116.00	7.00
31	7.7	7.6	8.2	8.2	170.00	169.00	0.00	0.00	117.00	117.00	3.00
AVG					**159**	**160**	**0**	**0**	**112**	**111**	**3**
MAX	8.3	7.8	8.2	8.2	171	172	0	0	120	117	8
MIN	7.5	7.1	7.8	7.8	145	146	0	0	108	104	-2

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

Month: December
Year: 2025

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	3.85	3.81	3.84	3.86	3.88	3.87
2	0.03	0.02	0.02	0.02	0.02	0.02	3.67	3.81	3.81	3.81	3.72	3.67
3	0.02	0.02	0.02	0.02	0.02	0.02	3.64	3.66	3.65	3.67	3.64	3.63
4	0.02	0.02	0.02	0.02	0.02	0.02	3.81	3.81	3.82	3.83	3.82	3.82
5	0.02	0.02	0.02	0.02	0.02	0.02	3.81	3.86	3.87	3.86	3.84	3.76
6	0.02	0.02	0.02	0.02	0.02	0.02	3.81	3.82	3.84	3.85	3.85	3.83
7	0.02	0.02	0.02	0.02	0.02	0.02	3.79	3.80	3.79	3.79	3.79	3.80
8	0.02	0.02	0.02	0.02	0.02	0.02	3.76	3.78	3.78	3.77	3.74	3.76
9	0.02	0.02	0.02	0.02	0.02	0.02	3.69	3.75	3.73	3.71	3.71	3.70
10	0.02	0.02	0.02	0.02	0.02	0.02	3.78	3.69	3.69	3.72	3.75	3.76
11	0.02	0.02	0.02	0.02	0.02	0.02	3.72	3.77	3.73	3.74	3.73	3.70
12	0.02	0.02	0.02	0.02	0.02	0.02	3.68	3.72	3.72	3.71	3.68	3.69
13	0.02	0.02	0.02	0.02	0.02	0.02	3.79	3.69	3.70	3.70	3.73	3.77
14	0.02	0.02	0.02	0.02	0.02	0.02	3.82	3.76	3.80	3.81	3.83	3.82
15	0.02	0.02	0.02	0.02	0.02	0.02	3.75	3.82	3.81	3.80	3.77	3.77
16	0.02	0.02	0.02	0.02	0.02	0.02	3.84	3.77	3.78	3.78	3.79	3.80
17	0.02	0.02	0.02	0.02	0.02	0.02	3.83	3.85	3.86	3.84	3.84	3.84
18	0.02	0.02	0.02	0.02	0.02	0.02	3.76	3.83	3.80	3.82	3.80	3.78
19	0.02	0.02	0.02	0.02	0.02	0.02	3.71	3.73	3.73	3.72	3.69	3.72
20	0.02	0.02	0.02	0.02	0.02	0.02	3.71	3.70	3.68	3.65	3.67	3.66
21	0.02	0.02	0.02	0.02	0.02	0.02	3.71	3.72	3.76	3.77	3.74	3.75
22	0.02	0.02	0.02	0.02	0.02	0.02	3.57	3.70	3.68	3.67	3.60	3.60
23	0.02	0.02	0.02	0.02	0.02	0.02	3.62	3.55	3.56	3.58	3.61	3.61
24	0.02	0.02	0.02	0.02	0.02	0.02	3.52	3.63	3.62	3.59	3.56	3.52
25	0.02	0.02	0.02	0.02	0.02	0.02	3.45	3.51	3.48	3.48	3.48	3.47
26	0.02	0.02	0.02	0.02	0.02	0.02	3.59	3.45	3.45	3.46	3.47	3.49
27	0.02	0.02	0.02	0.02	0.02	0.02	3.60	3.68	3.69	3.66	3.65	3.61
28	0.02	0.02	0.02	0.02	0.02	0.02	3.47	3.55	3.51	3.48	3.46	3.45
29	0.02	0.02	0.02	0.02	0.02	0.02	3.61	3.62	3.66	3.68	3.65	3.63
30	0.02	0.02	0.03	0.02	0.02	0.02	3.64	3.58	3.58	3.61	3.61	3.62
31	0.02	0.02	0.02	0.02	0.02	0.02	3.69	3.67	3.67	3.70	3.71	3.70
AVG	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**	**3.7**	**3.7**	**3.7**	**3.7**	**3.7**	**3.7**
MAX	0.03	0.02	0.03	0.02	0.02	0.02	3.8	3.9	3.9	3.9	3.9	3.9
MIN	0.02	0.02	0.02	0.02	0.02	0.02	3.4	3.4	3.5	3.5	3.5	3.4

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

PWSID 1021508 SYSTEM COBA WTP MONTH December

*Type of Material Applied **Hydrofluosilicic Acid** YEAR 2025

Date	Water Treated	APPLIED		RESIDUAL F, ppm (RAW)		RESIDUAL F, ppm (FINISHED WATER)	
	1,000s of Gallons	LBS/DAY	PPM of F	AM	PM	AM	PM
1	9,014	32	0.43	0.31	0.15	0.53	0.49
2	9,020	30	0.40	0.37	0.40	0.60	0.55
3	9,017	32	0.42	0.34	0.26	0.66	0.59
4	8,972	30	0.40	0.43	0.23	0.54	0.46
5	8,523	28	0.40	0.27	0.30	0.59	0.52
6	8,466	30	0.42	0.28	0.26	0.62	0.56
7	8,970	31	0.41	0.21	0.27	0.53	0.51
8	9,258	32	0.42	0.26	0.29	0.66	0.58
9	9,404	31	0.40	0.31	0.30	0.62	0.55
10	9,046	32	0.42	0.21	0.26	0.51	0.50
11	9,037	30	0.40	0.27	0.43	0.57	0.74
12	9,056	30	0.40	0.39	0.46	0.68	0.73
13	9,016	32	0.42	0.30	0.38	0.61	0.66
14	8,779	31	0.42	0.27	0.42	0.57	0.60
15	9,150	30	0.39	0.12	0.50	0.63	0.66
16	9,159	33	0.43	0.45	0.31	0.74	0.64
17	9,441	31	0.39	0.46	0.36	0.50	0.60
18	9,415	33	0.42	0.48	0.51	0.73	0.62
19	9,416	33	0.42	0.29	0.35	0.48	0.52
20	9,328	31	0.40	0.26	0.32	0.54	0.62
21	9,281	31	0.40	0.32	0.10	0.58	0.58
22	9,666	34	0.43	0.45	0.21	0.70	0.59
23	10,049	34	0.41	0.27	0.35	0.59	0.60
24	10,330	35	0.41	0.30	0.52	0.47	0.75
25	9,238	31	0.41	0.31	0.15	0.61	0.45
26	8,742	30	0.41	0.30	0.40	0.63	0.71
27	10,237	35	0.41	0.28	0.14	0.54	0.52
28	8,971	30	0.40	0.21	0.26	0.53	0.42
29	9,149	32	0.42	0.38	0.28	0.60	0.57
30	9,091	30	0.40	0.13	0.47	0.35	0.80
31	9,153	33	0.43	0.25	0.38	0.46	0.60
Total	285,397	978					
Avg.	9,206	32	0.41	0.31	0.32	0.58	0.59

*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 Fisher

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: December

PWS ID No.: OK 1021508 Year: 2025

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	09:31	1309 E. Reno St.	3.30	M.L.	13:37	5005 S. Lions Ave.	3.30	M.L.
2	08:59	601 N. Palm Ave.	3.30	M.L.	12:07	4001 S. Chestnut Ave.	3.50	M.L.
3	08:30	2513 E. Dallas St.	3.20	M.L.	12:38	708 W. Waco St.	3.50	M.L.
4	08:32	13725 S. 124th E. Ave	2.80	M.L	12:08	1903 W. Rockport Pl.	3.50	M.L
5	10:54	6701 S. Oak Ave	3.00	M.L	14:55	1236 W. Indianola St.	3.30	M.L
6	11:55	2513 E Dallas St.	3.50	ME	12:25	708 W Waco St.	3.20	ME
7	11:35	1309 E Reno Ave.	3.20	T.R.	12:40	8017 S. Peach Ave.	2.90	T.R.
8	08:31	2513 E. Dallas St.	3.30	M.L.	12:03	4001 S. Chestnut Ave.	3.30	M.L.
9	09:26	3706 S. Orange Cir.	2.00	M.L.	12:52	1116 W. Granger St.	3.60	M.L.
10	10:20	605 S. Elder Ave.	2.60	M.L.	13:08	8017 S. Peach Ave.	3.20	M.L.
11	10:23	2001 W. Princeton Cir.	3.50	M.L.	13:25	205 W. San Diego St.	3.50	M.L.
12	10:14	1702 S Cypress Pl.	3.10	ML	13:30	2500 N 16th St.	3.10	ML
13	11:36	2513 E. Dallas St.	3.40	S.B	12:11	1301 N. 53rd St.	3.40	S.B
14	11:55	36500 E. 66th St. S.	3.90	R.M.	16:40	6575 369th E. Ave.	3.00	R.M.
15	09:13	4777 E. Kenosha St.	3.40	J.S.	14:30	3200 W. Washington	3.30	J.S.
16	10:00	4121 E. Omaha St.	3.00	M.L.	14:03	1817 S. Date Ave.	3.50	M.L.
17	08:56	1817 S. Willow Ave.	3.10	M.L.	12:47	322 W. Detroit St.	3.30	M.L.
18	08:55	432 W. Charleston St.	3.90	M.L.	14:44	7213 S. Dennis Blvd.	3.20	M.L.
19	8:24	1609 W Montpelier St.	3.40	ML	12:40	2013 W Gary St.	3.70	JS
20	11:59	2513 E Dallas St.	3.60	ME	12:32	708 W Waco St.	3.90	ME
21	11:30	314 N. 7th. St.	3.50	T.R.	12:21	2700 N. 7th St.	3.70	T.R.
22	09:40	4205 E. Omaha St.	2.90	M.L.	14:12	609 S. Elder Ave.	3.40	M.L.
23	09:48	12633 S. 124th E. Ave.	3.70	M.L.	12:00	1251 N. Elm Pl.	3.70	M.L.
24	11:49	3717 N BattleCreek Dr.	2.50	ME	12:13	322 W Detroit St.	3.60	ME
25	08:45	6057 S. 353rd E. Ave	3.50	S.B	15:45	36500 E. 66th St. S.	3.40	S.B
26	8:03	1005 E Uniontown St.	3.70	JS	13:50	124 w Vicksburg st.	3.70	JS
27	08:14	5005 S. Lions Ave	3.40	S.B	15:25	6057 S. 353rd E. Ave	3.50	S.B
28	09:20	6057 S. 353rd E. Ave.	3.40	T.R.	17:45	36500 E. 66th St. S.	3.40	T.R.
29	09:22	1817 S. Willow Ave.	3.00	M.L.	13:27	4121 E. Omaha St.	3.20	M.L.
30	08:50	600 W. Madison St.	2.70	M.L.	14:05	1301 N. 53rd St.	3.10	M.L.
31								
		Average	3.23			Average	3.40	
		Min.	2.00			Min.	2.90	
		Max.	3.90			Max.	3.90	