

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

**Reporting Period: [April] [2026]**



**Operating Data Summary**

**Water Production (MG)**

|                   | Month  | Average Day |
|-------------------|--------|-------------|
| Raw Water Treated | 318.06 | 10.6        |
| Finished Water    | 307.06 | 10.2        |

**Monthly Chemical Usage (Non-Membrane Usage)**

| Chemical                   | Total lbs | lbs/Finished MG |
|----------------------------|-----------|-----------------|
| Sodium Hypochlorite        | 26,964    | 1,254.5         |
| Salt (for hypo generation) | 80,891    | 3,763.4         |
| Liquid Ammonium Sulfate    | 2,946     | 9.2             |
| Sodium Permanganate        | 284       | 0.5             |
| Aluminum Chlorohydrate     | 77,939    | 45.4            |
| Sodium Hydroxide           | 2,354     | 2.9             |
| Hydrofluosilicic Acid      | 2,365     | 4.2             |

**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 | 180         |                    |
| Highest Turbidity Reading      | 0.072       |                    |
| No. Samples > 1 NTU            | 0           |                    |
| No. Samples > 5 NTU            | 0           |                    |

**Monthly Costs**

|                        | Total               | \$/Finished MG    | \$/1000 gal     |
|------------------------|---------------------|-------------------|-----------------|
| Plant Electricity      | \$68,446.76         | \$222.91          | \$0.2229        |
| Total Chemical         | \$86,062.13         | \$280.28          | \$0.2803        |
| Total Labor            | \$124,499.54        | \$405.45          | \$0.4055        |
| Services               | \$64,244.77         | \$209.22          | \$0.2092        |
| Materials and Supplies | \$5,507.48          | \$17.94           | \$0.0179        |
| Equipment Expenses     | \$13,283.47         | \$43.26           | \$0.0433        |
| <b>Total</b>           | <b>\$362,044.15</b> | <b>\$1,179.06</b> | <b>\$1.1791</b> |

**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  |
| <b>No, Go to Question 3.</b>   |                              |
| <b>Yes, What date was the membrane profile completed?</b> _____  |                              |
| DID THIS SAME MEMBRANE UNIT EXCEED 2.0 NTU IN 2 CONSECUTIVE 15-MIN PERIODS DURING THE LAST MONTH?                | <input type="checkbox"/>     |
| <b>No, Go to Question 3.</b>   |                              |
| <b>Yes, Schedule Comprehensive Performance Evaluation (CPE) with DEQ.</b>  |                              |
| 3. DID ANY SINGLE MEMBRANE UNIT EXCEED 1.0 NTU IN TWO CONSECUTIVE 15 MINUTE PERIODS?                             | <input type="checkbox"/> NO  |
| <b>No, Go to Question 4.</b>   |                              |
| <b>Yes, What date was the filter profile completed?</b> _____  |                              |
| DID THIS SAME MEMBRANE UNIT FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15-MIN PERIODS DURING THE LAST 2 MONTHS?      | <input type="checkbox"/>     |
| <b>No, Go to Question 4.</b>   |                              |
| <b>Yes, What date was the membrane self-assessment completed?</b> _____  |                              |
| 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  |
| <b>No, You are finished with the checklist.</b>  |                              |
| <b>Yes, What date was the membrane profile completed?</b> _____  |                              |

**\* 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: Fluoride system offline for FRP tank inspection and repair

Signed: Lou Ann Stisher 5/8/2026  
Date

Title: Water Plant Manager

Operator Certificate No. 25369

| 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            | 13.25                                   | 12.20                  | 11.34                         |                                    | 0.55                            |
| 2            | 0.00                                    | 11.09                  | 10.49                         |                                    | 0.55                            |
| 3            | 0.00                                    | 10.27                  | 10.28                         |                                    | 0.63                            |
| 4            | 0.14                                    | 10.44                  | 10.00                         |                                    | 0.73                            |
| 5            | 11.06                                   | 10.08                  | 9.57                          |                                    | 0.37                            |
| 6            | 11.05                                   | 10.65                  | 9.94                          |                                    | 0.50                            |
| 7            | 11.05                                   | 11.17                  | 10.93                         |                                    | 0.65                            |
| 8            | 11.05                                   | 11.50                  | 10.94                         |                                    | 0.77                            |
| 9            | 18.69                                   | 11.17                  | 12.08                         |                                    | 0.46                            |
| 10           | 21.19                                   | 12.16                  | 11.03                         |                                    | 0.84                            |
| 11           | 14.65                                   | 10.19                  | 8.94                          |                                    | 0.82                            |
| 12           | 0.00                                    | 9.57                   | 9.10                          |                                    | 0.23                            |
| 13           | 0.10                                    | 10.11                  | 10.30                         |                                    | 0.41                            |
| 14           | 25.72                                   | 11.25                  | 10.53                         |                                    | 0.68                            |
| 15           | 0.00                                    | 10.45                  | 9.76                          |                                    | 0.94                            |
| 16           | 0.00                                    | 9.83                   | 9.22                          |                                    | 0.54                            |
| 17           | 0.08                                    | 8.76                   | 9.35                          |                                    | 0.55                            |
| 18           | 10.97                                   | 10.38                  | 9.83                          |                                    | 0.54                            |
| 19           | 10.96                                   | 9.91                   | 9.59                          |                                    | 0.64                            |
| 20           | 10.96                                   | 10.30                  | 10.34                         |                                    | 0.89                            |
| 21           | 10.98                                   | 11.73                  | 10.71                         |                                    | 0.59                            |
| 22           | 22.02                                   | 10.31                  | 10.42                         |                                    | 0.45                            |
| 23           | 29.78                                   | 10.84                  | 10.51                         |                                    | 0.53                            |
| 24           | 0.98                                    | 10.51                  | 10.17                         |                                    | 0.76                            |
| 25           | 0.00                                    | 9.64                   | 9.09                          |                                    | 0.59                            |
| 26           | 0.00                                    | 9.56                   | 9.29                          |                                    | 0.48                            |
| 27           | 0.14                                    | 10.64                  | 10.31                         |                                    | 0.56                            |
| 28           | 21.12                                   | 11.25                  | 11.00                         |                                    | 0.55                            |
| 29           | 20.90                                   | 10.68                  | 10.83                         |                                    | 0.52                            |
| 30           | 20.74                                   | 11.41                  | 11.19                         |                                    | 0.53                            |
| 31           |   |                        |                               |                                    |                                 |
| <b>TOTAL</b> | <b>297.58</b>                           | <b>318.06</b>          | <b>307.06</b>                 | <b>0.00</b>                        | <b>17.86</b>                    |
| AVG          | 9.92                                    | 10.60                  | 10.24                         | #DIV/0!                            | 0.60                            |
| MAX          | 29.78                                   | 12.20                  | 12.08                         | 0.00                               | 0.94                            |
| MIN          | 0.00                                    | 8.76                   | 8.94                          | 0.00                               | 0.23                            |

|                             |          |                           |          |
|-----------------------------|----------|---------------------------|----------|
| <b>TOTAL CHEMICAL COST:</b> |          | <b>\$86,062</b>           |          |
| Cost Per MG Treated         | \$270.58 | Cost Per MG Delivered     | \$280.28 |
| Million Gallons Treated     | 318.06   | Million Gallons Delivered | 307.06   |

**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     | 13,404                         | 938.28  | 101.6                         | 106.44 | 42.9                     | 82.97  | 512                          | 2858.19 | 90.5                  | 235.87 | 21.1                        | 38.40  |
| 2     | 12,332                         | 863.22  | 96.5                          | 101.08 | 0.0                      | 0.01   | 484                          | 2705.65 | 86.1                  | 224.35 | 20.0                        | 36.46  |
| 3     | 11,757                         | 822.98  | 92.2                          | 96.62  | 0.0                      | 0.00   | 460                          | 2567.88 | 82.3                  | 214.58 | 19.1                        | 34.86  |
| 4     | 11,629                         | 814.00  | 90.8                          | 95.20  | 0.0                      | 0.07   | 453                          | 2531.27 | 81.3                  | 211.77 | 18.9                        | 34.34  |
| 5     | 11,109                         | 777.61  | 87.1                          | 91.29  | 32.7                     | 63.25  | 433                          | 2417.91 | 77.9                  | 203.04 | 18.1                        | 32.93  |
| 6     | 11,689                         | 818.21  | 91.4                          | 95.76  | 25.1                     | 48.52  | 454                          | 2539.29 | 81.7                  | 212.84 | 34.6                        | 63.03  |
| 7     | 12,601                         | 882.04  | 98.9                          | 103.67 | 25.1                     | 48.50  | 499                          | 2788.39 | 84.5                  | 220.29 | 96.8                        | 176.36 |
| 8     | 12,646                         | 885.23  | 99.3                          | 104.11 | 8.2                      | 15.93  | 501                          | 2797.28 | 91.2                  | 237.67 | 160.7                       | 292.67 |
| 9     | 14,118                         | 988.27  | 110.7                         | 115.97 | 0.0                      | 0.00   | 557                          | 3113.18 | 98.6                  | 256.92 | 174.0                       | 317.02 |
| 10    | 12,855                         | 899.84  | 101.8                         | 106.67 | 0.0                      | 0.00   | 504                          | 2813.48 | 51.5                  | 134.30 | 174.0                       | 317.02 |
| 11    | 10,777                         | 754.42  | 82.7                          | 86.67  | 0.0                      | 0.00   | 402                          | 2248.72 | 10.8                  | 28.04  | 174.0                       | 317.02 |
| 12    | 11,387                         | 797.07  | 86.0                          | 90.17  | 0.0                      | 0.00   | 414                          | 2316.00 | 17.6                  | 45.82  | 174.0                       | 317.00 |
| 13    | 12,604                         | 882.28  | 97.0                          | 101.67 | 0.0                      | 0.00   | 469                          | 2619.55 | 2.3                   | 5.92   | 174.0                       | 317.02 |
| 14    | 12,655                         | 885.85  | 99.7                          | 104.48 | 12.8                     | 24.82  | 483                          | 2699.05 | 2.3                   | 6.11   | 37.7                        | 68.75  |
| 15    | 12,245                         | 857.16  | 89.7                          | 94.03  | 0.0                      | 0.00   | 437                          | 2440.46 | 2.4                   | 6.26   | 0.0                         | 0.07   |
| 16    | 13,265                         | 928.54  | 88.2                          | 92.47  | 0.0                      | 0.00   | 431                          | 2405.78 | 2.3                   | 6.01   | 0.0                         | 0.03   |
| 17    | 13,375                         | 936.25  | 87.2                          | 91.41  | 0.0                      | 0.00   | 421                          | 2353.15 | 2.3                   | 5.95   | 0.0                         | 0.00   |
| 18    | 13,908                         | 973.53  | 92.5                          | 96.89  | 0.0                      | 0.00   | 453                          | 2530.64 | 2.3                   | 6.01   | 0.0                         | 0.00   |
| 19    | 12,802                         | 896.16  | 88.2                          | 92.39  | 0.0                      | 0.00   | 439                          | 2450.59 | 2.2                   | 5.77   | 0.5                         | 0.96   |
| 20    | 13,596                         | 951.70  | 95.0                          | 99.60  | 0.0                      | 0.00   | 475                          | 2654.92 | 2.3                   | 6.06   | 0.3                         | 0.59   |
| 21    | 14,194                         | 993.61  | 99.7                          | 104.48 | 0.0                      | 0.00   | 489                          | 2734.17 | 2.6                   | 6.69   | 0.2                         | 0.38   |
| 22    | 13,620                         | 953.41  | 95.4                          | 99.95  | 0.0                      | 0.00   | 468                          | 2613.95 | 3.0                   | 7.82   | 0.1                         | 0.21   |
| 23    | 13,837                         | 968.59  | 96.4                          | 101.00 | 0.0                      | 0.00   | 470                          | 2626.68 | 3.1                   | 8.06   | 0.0                         | 0.01   |
| 24    | 13,106                         | 917.41  | 92.3                          | 96.76  | 0.0                      | 0.00   | 453                          | 2529.82 | 3.2                   | 8.25   | 0.0                         | 0.00   |
| 25    | 11,397                         | 797.81  | 84.0                          | 88.07  | 0.0                      | 0.00   | 414                          | 2312.48 | 3.3                   | 8.70   | 0.0                         | 0.00   |
| 26    | 11,701                         | 819.09  | 85.8                          | 89.87  | 0.0                      | 0.00   | 423                          | 2365.87 | 3.1                   | 8.21   | 0.0                         | 0.00   |
| 27    | 13,166                         | 921.60  | 93.0                          | 97.42  | 0.0                      | 0.00   | 467                          | 2608.39 | 3.2                   | 8.41   | 0.0                         | 0.00   |
| 28    | 14,583                         | 1020.82 | 97.4                          | 102.06 | 0.0                      | 0.00   | 498                          | 2780.54 | 3.3                   | 8.73   | 0.0                         | 0.00   |
| 29    | 14,189                         | 993.20  | 93.7                          | 98.24  | 0.0                      | 0.00   | 485                          | 2708.65 | 3.1                   | 8.07   | 0.0                         | 0.00   |
| 30    | 14,649                         | 1025.44 | 96.7                          | 101.29 | 0.0                      | 0.00   | 502                          | 2807.50 | 3.0                   | 7.91   | 0.1                         | 0.16   |
| 31    |                                |         |                               |        |                          |        |                              |         |                       |        |                             |        |
| TOTAL | 385,195                        | 26,964  | 2,811                         | 2,946  | 147                      | 284    | 13,948                       | 77,939  | 903                   | 2,354  | 1,299                       | 2,365  |
| AVG   | 12,840                         | 898.79  | 94                            | 98.19  | 5                        | 9.47   | 465                          | 2597.98 | 30                    | 78.48  | 43                          | 78.84  |
| MAX   | 14,649                         | 1025.44 | 111                           | 115.97 | 43                       | 82.97  | 557                          | 3113.18 | 99                    | 256.92 | 174                         | 317.02 |
| MIN   | 10,777                         | 754.42  | 83                            | 86.67  | 0                        | 0.00   | 402                          | 2248.72 | 2                     | 5.77   | 0                           | 0.00   |
| COST  | \$15,191.71                    |         | \$5,090.68                    |        | \$2,096.50               |        | \$54,557.60                  |         | \$1,977.72            |        | \$7,147.91                  |        |
| \$/MG | \$47.76                        |         | \$16.01                       |        | \$6.59                   |        | \$171.53                     |         | \$6.22                |        | \$22.47                     |        |

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

Month: April  
Year: 2026

| Date       | pH (by Continuous Reading Analyzers) |           |                |           | Hardness and Alkalinity - Finished Water Grab Samples |            |  |           |            |            |                             |
|------------|--------------------------------------|-----------|----------------|-----------|---|------------|--|-----------|------------|------------|-----------------------------|
|            | Membrane Filtrate                    |           | Finished Water |           | Hardness (ppm)  |            | Alkalinity (ppm as CaCO <sub>3</sub> ) |           |            |            | CaCO <sub>3</sub> Stability |
|            | Daily Max                            | Daily Min | Daily Max      | Daily Min | AM  | PM         | Phenol AM                              | Phenol PM | Total AM   | Total PM   |                             |
| 1          | 7.3                                  | 7.2       | 8.1            | 8.0       | 185.00  | 183.00     | 0.00                                   | 0.00      | 125.00     | 124.00     | 6.00                        |
| 2          | 7.9                                  | 7.2       | 8.1            | 8.0       | 192.00  | 182.00     | 0.00                                   | 0.00      | 128.00     | 122.00     | 2.00                        |
| 3          | 7.7                                  | 7.7       | 8.1            | 8.1       | 182.00  | 154.00     | 0.00                                   | 0.00      | 125.00     | 123.00     | 5.00                        |
| 4          | 7.7                                  | 7.6       | 8.1            | 8.1       | 189.00  | 179.00     | 0.00                                   | 0.00      | 128.00     | 127.00     | 5.00                        |
| 5          | 7.6                                  | 7.5       | 8.1            | 8.1       | 177.00  | 177.00     | 0.00                                   | 0.00      | 129.00     | 127.00     | 4.00                        |
| 6          | 7.5                                  | 7.5       | 8.2            | 8.1       | 177.00  | 173.00     | 0.00                                   | 0.00      | 132.00     | 124.00     | 12.00                       |
| 7          | 7.5                                  | 7.4       | 8.1            | 8.0       | 177.00  | 171.00     | 0.00                                   | 0.00      | 126.00     | 123.00     | 4.00                        |
| 8          | 7.4                                  | 7.4       | 8.1            | 7.8       | 176.00  | 185.00     | 0.00                                   | 0.00      | 123.00     | 126.00     | 4.00                        |
| 9          | 7.4                                  | 7.4       | 7.9            | 7.8       | 185.00  | 170.00     | 0.00                                   | 0.00      | 126.00     | 118.00     | 8.00                        |
| 10         | 7.4                                  | 7.4       | 7.8            | 7.8       | 176.00  | 177.00     | 0.00                                   | 0.00      | 120.00     | 118.00     | 7.00                        |
| 11         | 7.4                                  | 7.3       | 7.8            | 7.7       | 173.00  | 169.00     | 0.00                                   | 0.00      | 119.00     | 117.00     | 2.00                        |
| 12         | 7.3                                  | 7.3       | 7.7            | 7.7       | 172.00  | 168.00     | 0.00                                   | 0.00      | 116.00     | 112.00     | 1.00                        |
| 13         | 7.3                                  | 7.3       | 7.7            | 7.7       | 172.00  | 165.00     | 0.00                                   | 0.00      | 114.00     | 115.00     | 2.00                        |
| 14         | 7.3                                  | 7.3       | 7.7            | 7.7       | 167.00  | 163.00     | 0.00                                   | 0.00      | 115.00     | 116.00     | 0.00                        |
| 15         | 7.3                                  | 7.3       | 7.8            | 7.7       | 168.00  | 159.00     | 0.00                                   | 0.00      | 114.00     | 109.00     | 2.00                        |
| 16         | 7.3                                  | 7.3       | 7.8            | 7.8       | 164.00  | 168.00     | 0.00                                   | 0.00      | 112.00     | 107.00     | 3.00                        |
| 17         | 7.3                                  | 7.2       | 7.8            | 7.8       | 164.00  | 164.00     | 0.00                                   | 0.00      | 116.00     | 111.00     | 5.00                        |
| 18         | 7.2                                  | 7.2       | 7.8            | 7.8       | 164.00  | 164.00     | 0.00                                   | 0.00      | 110.00     | 110.00     | 4.00                        |
| 19         | 7.3                                  | 7.2       | 7.8            | 7.8       | 164.00  | 159.00     | 0.00                                   | 0.00      | 113.00     | 107.00     | 6.00                        |
| 20         | 7.4                                  | 7.3       | 7.8            | 7.8       | 166.00  | 155.00     | 0.00                                   | 0.00      | 111.00     | 112.00     | 2.00                        |
| 21         | 7.4                                  | 7.4       | 7.8            | 7.8       | 161.00  | 165.00     | 0.00                                   | 0.00      | 107.00     | 111.00     | 2.00                        |
| 22         | 7.4                                  | 7.4       | 7.8            | 7.8       | 158.00  | 155.00     | 0.00                                   | 0.00      | 108.00     | 109.00     | 1.00                        |
| 23         | 7.4                                  | 7.4       | 7.8            | 7.8       | 162.00  | 151.00     | 0.00                                   | 0.00      | 107.00     | 106.00     | 0.00                        |
| 24         | 7.4                                  | 7.4       | 7.8            | 7.8       | 158.00  | 157.00     | 0.00                                   | 0.00      | 107.00     | 103.00     | 0.00                        |
| 25         | 7.4                                  | 7.4       | 7.8            | 7.7       | 156.00  | 160.00     | 0.00                                   | 0.00      | 108.00     | 101.00     | 4.00                        |
| 26         | 7.4                                  | 7.4       | 7.7            | 7.7       | 155.00  | 153.00     | 0.00                                   | 0.00      | 104.00     | 103.00     | -3.00                       |
| 27         | 7.4                                  | 7.4       | 7.8            | 7.7       | 148.00  | 148.00     | 0.00                                   | 0.00      | 103.00     | 103.00     | 1.00                        |
| 28         | 7.4                                  | 7.4       | 7.8            | 7.7       | 153.00  | 148.00     | 0.00                                   | 0.00      | 106.00     | 101.00     | 1.00                        |
| 29         | 7.4                                  | 7.3       | 7.8            | 7.7       | 152.00  | 147.00     | 0.00                                   | 0.00      | 100.00     | 101.00     | 2.00                        |
| 30         | 7.3                                  | 7.3       | 7.8            | 7.7       | 154.00  | 145.00     | 0.00                                   | 0.00      | 104.00     | 101.00     | -1.00                       |
| 31         |                                      |           |                |           |   |            |  |           |            |            |                             |
| <b>AVG</b> |                                      |           |                |           | <b>168</b>  | <b>164</b> | <b>0</b>                               | <b>0</b>  | <b>115</b> | <b>113</b> | <b>3</b>                    |
| <b>MAX</b> | 7.9                                  | 7.7       | 8.2            | 8.1       | 192   | 185        | 0                                      | 0         | 132        | 127        | 12                          |
| <b>MIN</b> | 7.2                                  | 7.2       | 7.7            | 7.7       | 148   | 145        | 0                                      | 0         | 100        | 101        | -3                          |

| 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  | 0.03        | 0.03        | 0.07        | 0.03        | 0.03        | 3.58  | 3.57       | 3.58       | 3.57       | 3.56       | 3.57       |
| 2          | 0.02  | 0.03        | 0.07        | 0.02        | 0.02        | 0.02        | 3.55  | 3.55       | 3.57       | 3.52       | 3.58       | 3.53       |
| 3          | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        | 3.56  | 3.58       | 3.59       | 3.62       | 3.62       | 3.58       |
| 4          | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        | 3.60  | 3.61       | 3.64       | 3.63       | 3.62       | 3.62       |
| 5          | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        | 3.58  | 3.58       | 3.59       | 3.59       | 3.60       | 3.59       |
| 6          | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        | 3.67  | 3.63       | 3.63       | 3.64       | 3.66       | 3.67       |
| 7          | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        | 3.62  | 3.68       | 3.68       | 3.67       | 3.67       | 3.66       |
| 8          | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.05        | 3.63  | 3.55       | 3.68       | 3.67       | 3.66       | 3.62       |
| 9          | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        | 3.63  | 3.55       | 3.65       | 3.57       | 3.66       | 3.70       |
| 10         | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        | 3.62  | 3.64       | 3.65       | 3.49       | 3.60       | 3.63       |
| 11         | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        | 3.53  | 3.60       | 3.56       | 3.53       | 3.51       | 3.50       |
| 12         | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        | 3.42  | 3.53       | 3.50       | 3.54       | 3.52       | 3.43       |
| 13         | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        | 3.53  | 3.41       | 3.51       | 3.62       | 3.55       | 3.53       |
| 14         | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        | 3.42  | 3.56       | 3.57       | 3.61       | 3.47       | 3.45       |
| 15         | 0.02  | 0.02        | 0.02        | 0.02        | 0.02        | 0.02        | 3.59  | 3.33       | 3.31       | 3.30       | 3.36       | 3.52       |
| 16         | 0.03  | 0.02        | 0.03        | 0.02        | 0.02        | 0.02        | 3.40  | 3.54       | 3.49       | 3.47       | 3.43       | 3.40       |
| 17         | 0.02  | 0.03        | 0.03        | 0.02        | 0.02        | 0.03        | 3.38  | 3.35       | 3.43       | 3.51       | 3.44       | 3.43       |
| 18         | 0.03  | 0.03        | 0.02        | 0.02        | 0.03        | 0.03        | 3.57  | 3.49       | 3.61       | 3.63       | 3.64       | 3.60       |
| 19         | 0.03  | 0.02        | 0.02        | 0.02        | 0.03        | 0.02        | 3.47  | 3.56       | 3.55       | 3.43       | 3.54       | 3.51       |
| 20         | 0.03  | 0.02        | 0.03        | 0.03        | 0.03        | 0.02        | 3.59  | 3.48       | 3.50       | 3.52       | 3.52       | 3.56       |
| 21         | 0.03  | 0.02        | 0.03        | 0.02        | 0.02        | 0.06        | 3.57  | 3.63       | 3.61       | 3.59       | 3.58       | 3.58       |
| 22         | 0.03  | 0.02        | 0.03        | 0.03        | 0.03        | 0.02        | 3.51  | 3.55       | 3.54       | 3.54       | 3.53       | 3.41       |
| 23         | 0.03  | 0.03        | 0.06        | 0.02        | 0.03        | 0.02        | 3.48  | 3.52       | 3.54       | 3.55       | 3.55       | 3.54       |
| 24         | 0.03  | 0.02        | 0.03        | 0.02        | 0.02        | 0.02        | 3.69  | 3.48       | 3.54       | 3.58       | 3.65       | 3.67       |
| 25         | 0.02  | 0.03        | 0.02        | 0.03        | 0.02        | 0.02        | 3.41  | 3.65       | 3.61       | 3.55       | 3.51       | 3.43       |
| 26         | 0.03  | 0.02        | 0.03        | 0.03        | 0.02        | 0.02        | 3.41  | 3.44       | 3.52       | 3.52       | 3.38       | 3.41       |
| 27         | 0.03  | 0.03        | 0.02        | 0.03        | 0.03        | 0.02        | 3.32  | 3.41       | 3.42       | 3.41       | 3.34       | 3.33       |
| 28         | 0.03  | 0.02        | 0.03        | 0.03        | 0.03        | 0.03        | 3.46  | 3.35       | 3.44       | 3.49       | 3.49       | 3.49       |
| 29         | 0.03  | 0.02        | 0.03        | 0.03        | 0.02        | 0.02        | 3.48  | 3.46       | 3.43       | 3.41       | 3.41       | 3.42       |
| 30         | 0.03  | 0.02        | 0.02        | 0.03        | 0.03        | 0.02        | 3.53  | 3.52       | 3.55       | 3.58       | 3.55       | 3.52       |
| 31         |   |             |             |             |             |             |   |            |            |            |            |            |
| <b>AVG</b> | <b>0.02</b>                                       | <b>0.02</b> | <b>0.03</b> | <b>0.03</b> | <b>0.02</b> | <b>0.02</b> | <b>3.5</b>  | <b>3.5</b> | <b>3.5</b> | <b>3.5</b> | <b>3.5</b> | <b>3.5</b> |
| <b>MAX</b> | <b>0.03</b>                                       | <b>0.03</b> | <b>0.07</b> | <b>0.07</b> | <b>0.03</b> | <b>0.06</b> | <b>3.7</b>  | <b>3.7</b> | <b>3.7</b> | <b>3.7</b> | <b>3.7</b> | <b>3.7</b> |
| <b>MIN</b> | <b>0.02</b>                                       | <b>0.02</b> | <b>0.02</b> | <b>0.02</b> | <b>0.02</b> | <b>0.02</b> | <b>3.3</b>  | <b>3.3</b> | <b>3.3</b> | <b>3.3</b> | <b>3.3</b> | <b>3.3</b> |

**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 |
|-----------------------------------|-----|

PWSID 1021508

SYSTEM

COBA WTP

MONTH April

\*Type of Material Applied

**Hydrofluosilicic Acid**

YEAR 2026

| Date  | Water Treated<br>1,000s of Gallons | APPLIED |          | RESIDUAL F, ppm (RAW) |      | RESIDUAL F, ppm (FINISHED WATER) |      |
|-------|------------------------------------|---------|----------|-----------------------|------|----------------------------------|------|
|       |                                    | LBS/DAY | PPM of F | AM                    | PM   | AM                               | PM   |
| 1     | 11,340                             | 38      | 0.41     | 0.24                  | 0.53 | 0.43                             | 0.93 |
| 2     | 10,487                             | 36      | 0.42     | 0.32                  | 0.16 | 0.55                             | 0.38 |
| 3     | 10,279                             | 35      | 0.41     | 0.28                  | 0.45 | 0.30                             | 0.33 |
| 4     | 10,000                             | 34      | 0.41     | 0.27                  | 0.26 | 0.23                             | 0.12 |
| 5     | 9,566                              | 33      | 0.41     | 0.24                  | 0.39 | 0.77                             | 0.35 |
| 6     | 9,944                              | 0       | 0.00     | 0.40                  | 0.38 | 0.07                             | 0.18 |
| 7     | 10,927                             | 0       | 0.00     | 0.28                  | 0.24 | 0.38                             | 0.12 |
| 8     | 10,942                             | 0       | 0.00     | 0.31                  | 0.18 | 0.13                             | 0.08 |
| 9     | 12,081                             | 0       | 0.00     | 0.18                  | 0.19 | 0.08                             | 0.08 |
| 10    | 11,030                             | 0       | 0.00     | 0.22                  | 0.22 | 0.12                             | 0.17 |
| 11    | 8,942                              | 0       | 0.00     | 0.25                  | 0.23 | 0.15                             | 0.13 |
| 12    | 9,100                              | 0       | 0.00     | 0.23                  | 0.42 | 0.13                             | 0.18 |
| 13    | 10,297                             | 0       | 0.00     | 0.10                  | 0.23 | 0.04                             | 0.07 |
| 14    | 10,532                             | 0       | 0.00     | 0.31                  | 0.31 | 0.18                             | 0.24 |
| 15    | 9,756                              | 0       | 0.00     | 0.12                  | 0.29 | 0.19                             | 0.16 |
| 16    | 9,219                              | 0       | 0.00     | 0.25                  | 0.41 | 0.15                             | 0.19 |
| 17    | 9,348                              | 0       | 0.00     | 0.27                  | 0.30 | 0.11                             | 0.15 |
| 18    | 9,831                              | 0       | 0.00     | 0.29                  | 0.13 | 0.14                             | 0.09 |
| 19    | 9,590                              | 0       | 0.00     | 0.20                  | 0.32 | 0.16                             | 0.21 |
| 20    | 10,339                             | 0       | 0.00     | 0.23                  | 0.16 | 0.08                             | 0.14 |
| 21    | 10,706                             | 0       | 0.00     | 0.45                  | 0.23 | 0.34                             | 0.11 |
| 22    | 10,423                             | 0       | 0.00     | 0.27                  | 0.28 | 0.16                             | 0.16 |
| 23    | 10,511                             | 0       | 0.00     | 0.24                  | 0.37 | 0.04                             | 0.20 |
| 24    | 10,171                             | 0       | 0.00     | 0.24                  | 0.17 | 0.15                             | 0.09 |
| 25    | 9,091                              | 0       | 0.00     | 0.57                  | 0.41 | 0.37                             | 0.35 |
| 26    | 9,293                              | 0       | 0.00     | 0.27                  | 0.69 | 0.14                             | 0.33 |
| 27    | 10,309                             | 0       | 0.00     | 0.44                  | 0.25 | 0.23                             | 0.03 |
| 28    | 10,995                             | 0       | 0.00     | 0.20                  | 0.37 | 0.06                             | 0.19 |
| 29    | 10,826                             | 0       | 0.00     | 0.24                  | 0.17 | 0.13                             | 0.01 |
| 30    | 11,189                             | 0       | 0.00     | 0.17                  | 0.19 | 0.09                             | 0.08 |
| 31    |                                    |         |          |                       |      |                                  |      |
| Total | 307,062                            | 178     |          |                       |      |                                  |      |
| Avg.  | 10,235                             | 6       | 0.07     | 0.27                  | 0.30 | 0.20                             | 0.20 |

\*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:** Fluoride system offline for FRP tank inspection and repairs.

| Date | Distribution Total Chlorine mg/L<br>A.M. Sample |                         |      |         | Distribution Total Chlorine mg/L<br>P.M. Sample |                         |      |         |
|------|---|-------------------------|------|---------|---|-------------------------|------|---------|
|      | Time  | Location                | mg/L | Sampler | Time  | Location                | mg/L | Sampler |
| 1    | 08:48   | 7900 E. Norman St.      | 3.30 | M.L     | 13:16   | 1729 S. Pine Ave        | 3.70 | M.L     |
| 2    | 9:12  | 6601 S. Elder Ave.      | 3.40 | ML      | 1:06  | 613 E. Fargo St.        | 3.80 | ML      |
| 3    | 11:52   | 1116 W Granger St.      | 3.20 | ME      | 12:38   | 6575 369th E Ave.       | 3.40 | ME      |
| 4    | 11:32   | 2513 E. Dallas St.      | 3.40 | S.B     | 12:14   | 1301 N. 53rd St.        | 3.60 | S.B     |
| 5    | 11:45   | 2700 N. 7th St.         | 3.60 | T.R.    | 12:40   | 300 S. Dogwood Ave.     | 3.30 | T.R.    |
| 6    | 9:43  | 1817 S. Date Ave.       | 3.40 | ML      | 12:28   | 3706 S. Orange Cir.     | 3.10 | ML      |
| 7    | 10:29   | 608 E. Pensacola St.    | 3.30 | ML      | 12:12   | 702 E. Madison Dr.      | 3.50 | ML      |
| 8    | 08:58   | 1005 N. Willow Ave.     | 3.20 | M.L.    | 12:04   | 7213 S. Dennis Blvd.    | 3.60 | M.L.    |
| 9    | 10:17   | 1425 N. Asspen Ave.     | 2.80 | ML      | 12:00   | 1407 E. New Orleans Pl. | 3.50 | ML      |
| 10   | 9:58  | 1004 N 31st St.         | 3.50 | ML      | 12:17   | 3401 S Elder Ave.       | 3.30 | ML      |
| 11   | 11:30   | 4001 S. Chestnut Ave    | 3.50 | R.F     | 12:20   | 1309 E. Reno St.        | 3.30 | R.F     |
| 12   | 11:55   | 2909 E. Montpelier St.  | 3.20 | R.M.    | 12:47   | 1817 S. Date Ave.       | 2.90 | R.M.    |
| 13   | 10:18   | 4121 E. Omaha St.       | 2.70 | ML      | 12:47   | 1817 S Date Ave.        | 2.50 | ML      |
| 14   | 9:15  | 608 E. Pensacola St.    | 2.60 | ML      | 12:28   | 1116 W. Granger St.     | 2.70 | ML      |
| 15   | 8:20  | 620 S. Elder Ave.       | 2.50 | ML      | 12:03   | 12314 E. 126th Pl.      | 2.50 | ML      |
| 16   | 08:16   | 2611 W. New Orleans Pl. | 2.70 | M.L     | 12:21   | 1414 E. Boise Pl.       | 2.70 | M.L     |
| 17   | 09:56   | S. Poplar Ave           | 2.90 | M.L     | 12:55   | 2513 E. Dallas St.      | 3.40 | M.L     |
| 18   | 11:40   | 1817 S. Willow Ave      | 3.40 | S.B     | 12:16   | 2513 E. Dallas St.      | 3.40 | S.B     |
| 19   | 11:38   | 137 W. Jefferson St.    | 3.40 | TR      | 12:21   | 2700 N. 7th St.         | 3.40 | TR      |
| 20   | 9:30  | 4205 E. Omaha St.       | 3.00 | ML      | 1:11  | 1217 E. Houston St.     | 2.70 | ML      |
| 21   | 8:57  | 1301 N. 53rd St.        | 3.00 | ML      | 12:40   | 708 W. Waco St.         | 3.30 | ML      |
| 22   | 10:49   | 13725 S. 124th E. Ave.  | 2.60 | ML      | 1:27  | 1116 W. Granger St.     | 3.00 | ML      |
| 23   | 9:12  | 1005 N. Willow Ave.     | 3.00 | ML      | 12:17   | 515 W. Quannah Pl.      | 3.10 | ML      |
| 24   | 8:55  | 3913 W South Park Blvd  | 2.90 | ML      | 14:07   | 1113 S Fern Ave.        | 3.40 | ML      |
| 25   | 11:58   | 322 W Detroit St.       | 3.10 | ME      | 12:24   | 708 W Waco St.          | 3.00 | ME      |
| 26   | 11:50   | 2909 E. Montpelier St.  | 2.80 | R.M.    | 12:43   | 3706 S. Orange Cir.     | 2.50 | R.M.    |
| 27   | 7:58  | 4950 W. Kenosha         | 2.50 | JS      | 12:26   | 2306 S. Beech Ct.       | 2.60 | AR      |
| 28   | 9:27  | 2821 N. Juniper Pl.     | 2.90 | AR      | 1:04  | 6805 S. 5th Ave.        | 2.80 | AR      |
| 29   | 9:41  | 11602 E. 151st St.      | 2.30 | ML      | 1:48  | 3701 N. 29th Pl.        | 3.20 | ML      |
| 30   | 9:46  | 4226 S Redwood Pl.      | 2.80 | ML      | 2:27  | 221 N. 10th St.         | 2.70 | ML      |

Average 3.03

Average 3.13

Min. 2.30

Min. 2.50

Max. 3.60

Max. 3.80