

# OHA - Drinking Water Services - Turbidity Monitoring Report Form

**County: Multnomah**

Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

**Portland Water Bureau**

**ID #: OR 4100657**

**WTP-A**

**Month/Year: 01/2025**

| DAY | 12 AM<br>(NTU) | 4 AM<br>(NTU) | 8 AM<br>(NTU) | 12PM<br>(NTU) | 4 PM<br>(NTU) | 8 PM<br>(NTU) | Highest<br>Reading<br>(NTU) |
|-----|----------------|---------------|---------------|---------------|---------------|---------------|-----------------------------|
| 1   | 0.46           | 0.46          | 0.45          | 0.47          | 0.48          | 0.48          | 0.48                        |
| 2   | 0.48           | 0.47          | 0.47          | 0.47          | 0.46          | 0.47          | 0.48                        |
| 3   | 0.47           | 0.47          | 0.45          | 0.45          | 0.46          | 0.46          | 0.47                        |
| 4   | 0.46           | 0.45          | 0.46          | 0.46          | 0.45          | 0.43          | 0.46                        |
| 5   | 0.43           | 0.46          | 0.44          | 0.42          | 0.42          | 0.43          | 0.46                        |
| 6   | 0.42           | 0.41          | 0.41          | 0.40          | 0.41          | 0.42          | 0.42                        |
| 7   | 0.41           | 0.42          | 0.42          | 0.42          | 0.38          | 0.38          | 0.42                        |
| 8   | 0.36           | 0.36          | 0.37          | 0.37          | 0.40          | 0.38          | 0.40                        |
| 9   | 0.39           | 0.38          | 0.39          | 0.39          | 0.37          | 0.38          | 0.39                        |
| 10  | 0.37           | 0.38          | 0.39          | 0.38          | 0.38          | 0.38          | 0.39                        |
| 11  | 0.38           | 0.38          | 0.39          | 0.37          | 0.38          | 0.37          | 0.39                        |
| 12  | 0.37           | 0.37          | 0.37          | 0.38          | 0.37          | 0.36          | 0.38                        |
| 13  | 0.36           | 0.36          | 0.36          | 0.36          | 0.36          | 0.37          | 0.37                        |
| 14  | 0.37           | 0.35          | 0.35          | 0.36          | 0.35          | 0.35          | 0.37                        |
| 15  | 0.35           | 0.36          | 0.36          | 0.36          | 0.36          | 0.36          | 0.36                        |
| 16  | 0.34           | 0.33          | 0.34          | 0.33          | 0.32          | 0.32          | 0.34                        |
| 17  | 0.33           | 0.33          | 0.32          | 0.32          | 0.32          | 0.32          | 0.33                        |
| 18  | 0.31           | 0.32          | 0.33          | 0.33          | 0.33          | 0.32          | 0.33                        |
| 19  | 0.32           | 0.32          | 0.33          | 0.32          | 0.37          | 0.32          | 0.37                        |
| 20  | 0.32           | 0.32          | 0.32          | 0.33          | 0.32          | 0.33          | 0.33                        |
| 21  | 0.33           | 0.33          | 0.33          | 0.32          | 0.31          | 0.30          | 0.33                        |
| 22  | 0.30           | 0.31          | 0.30          | 0.30          | 0.28          | 0.28          | 0.31                        |
| 23  | 0.29           | 0.29          | 0.28          | 0.28          | 0.28          | 0.28          | 0.29                        |
| 24  | 0.29           | 0.28          | 0.28          | 0.32          | 0.28          | 0.28          | 0.32                        |
| 25  | 0.28           | 0.28          | 0.29          | 0.28          | 0.29          | 0.29          | 0.29                        |
| 26  | 0.28           | 0.28          | 0.28          | 0.27          | 0.27          | 0.27          | 0.28                        |
| 27  | 0.27           | 0.27          | 0.27          | 0.27          | 0.27          | 0.31          | 0.31                        |
| 28  | 0.29           | 0.28          | 0.28          | 0.29          | 0.28          | 0.28          | 0.29                        |
| 29  | 0.28           | 0.28          | 0.28          | 0.27          | 0.28          | 0.28          | 0.28                        |
| 30  | 0.27           | 0.28          | 0.27          | 0.28          | 0.27          | 0.28          | 0.28                        |
| 31  | 0.27           | 0.26          | 0.28          | 0.26          | 0.27          | 0.26          | 0.28                        |

| Slow Sand/Membrane/DE Filtration/Unfiltered                |     |                    | Monthly summary                                          |                                                            |
|------------------------------------------------------------|-----|--------------------|----------------------------------------------------------|------------------------------------------------------------|
| 95% of daily turbidity readings $\leq$ 1 NTU? <sup>1</sup> | N/A | CT's met everyday? | Chlorine residual at entry point always $\geq$ 0.2 mg/L? | Chlorine residual measured in 95% of distribution samples? |
| All daily turbidity readings $\leq$ 5 NTU?                 | Yes |                    | Yes                                                      | Yes                                                        |

<sup>1</sup>Filtered systems only

Signature: Anna Vosa  
Anna Vosa, P.E.

Date: 2/5/25

# OHA - Drinking Water Services

## Surface Water Quality Data Conduit 2

Portland Water Bureau

ID#: OR 4100657

WTP-A

Month/Year: 01/2025

| Date / Time | Peak Hourly Flow | Minimum Hourly Average Free Chlorine (C) | Contact Time (T) | Actual CT | Temp | pH   | Req'd CT | CT Met? | Min. Hourly Average Total Chlorine at First User |
|-------------|------------------|------------------------------------------|------------------|-----------|------|------|----------|---------|--------------------------------------------------|
|             | MGD              | ppm or mg/L                              | min.             | C x T     | °C   |      | Tables   | Y/N     | ppm or mg/L                                      |
| 1 / 14      | 24.01            | 2.55                                     | 238.9            | 609.5     | 6.2  | 6.40 | 132.6    | Y       | 2.49                                             |
| 2 / 15      | 24.38            | 2.55                                     | 235.3            | 598.9     | 6.2  | 6.38 | 131.9    | Y       | 2.50                                             |
| 3 / 8       | 23.98            | 2.53                                     | 239.2            | 606.1     | 6.2  | 6.38 | 131.7    | Y       | 2.47                                             |
| 4 / 0       | 23.22            | 2.57                                     | 245.4            | 631.2     | 6.2  | 6.37 | 132.8    | Y       | 2.51                                             |
| 5 / 4       | 21.65            | 2.55                                     | 267.2            | 681.3     | 6.2  | 6.39 | 132.9    | Y       | 2.49                                             |
| 6 / 15      | 23.94            | 2.52                                     | 242.5            | 611.8     | 6.2  | 6.45 | 134.8    | Y       | 2.50                                             |
| 7 / 7       | 23.96            | 2.52                                     | 242.3            | 610.6     | 6.1  | 6.40 | 132.9    | Y       | 2.49                                             |
| 8 / 4       | 23.95            | 2.55                                     | 242.5            | 618.1     | 6.0  | 6.42 | 135.7    | Y       | 2.54                                             |
| 9 / 9       | 23.68            | 2.57                                     | 245.1            | 629.0     | 5.9  | 6.43 | 136.6    | Y       | 2.55                                             |
| 10 / 23     | 23.37            | 2.55                                     | 248.0            | 632.2     | 5.9  | 6.43 | 136.6    | Y       | 2.54                                             |
| 11 / 21     | 23.55            | 2.55                                     | 246.4            | 628.4     | 5.9  | 6.44 | 137.1    | Y       | 2.53                                             |
| 12 / 11     | 23.69            | 2.52                                     | 245.2            | 618.3     | 5.9  | 6.45 | 137.0    | Y       | 2.58                                             |
| 13 / 3      | 23.59            | 2.49                                     | 245.9            | 612.8     | 5.9  | 6.44 | 136.2    | Y       | 2.55                                             |
| 14 / 6      | 23.22            | 2.24                                     | 248.9            | 558.0     | 5.8  | 6.48 | 134.4    | Y       | 2.25                                             |
| 15 / 18     | 23.46            | 2.15                                     | 247.5            | 532.1     | 5.7  | 6.51 | 134.9    | Y       | 2.15                                             |
| 16 / 5      | 23.32            | 2.22                                     | 248.8            | 552.9     | 5.7  | 6.51 | 136.0    | Y       | 2.24                                             |
| 17 / 7      | 22.78            | 2.27                                     | 254.7            | 577.7     | 5.6  | 6.54 | 138.9    | Y       | 2.26                                             |
| 18 / 6      | 22.71            | 2.23                                     | 255.8            | 569.2     | 5.6  | 6.53 | 138.3    | Y       | 2.05                                             |
| 19 / 14     | 22.71            | 2.21                                     | 255.5            | 563.7     | 5.5  | 6.53 | 138.6    | Y       | 2.23                                             |
| 20 / 5      | 22.69            | 2.23                                     | 255.8            | 569.5     | 5.4  | 6.53 | 139.3    | Y       | 2.25                                             |
| 21 / 19     | 24.70            | 2.24                                     | 235.8            | 527.7     | 5.2  | 6.53 | 141.3    | Y       | 2.24                                             |
| 22 / 18     | 26.75            | 2.22                                     | 217.9            | 483.6     | 5.2  | 6.54 | 141.3    | Y       | 2.19                                             |
| 23 / 3      | 26.68            | 2.25                                     | 218.3            | 490.5     | 5.1  | 6.55 | 142.7    | Y       | 2.26                                             |
| 24 / 3      | 26.53            | 2.19                                     | 219.6            | 479.9     | 5.0  | 6.55 | 142.5    | Y       | 2.19                                             |
| 25 / 3      | 24.15            | 2.20                                     | 240.7            | 530.1     | 4.9  | 6.56 | 144.5    | Y       | 2.20                                             |
| 26 / 6      | 23.99            | 2.13                                     | 241.6            | 513.5     | 4.8  | 6.57 | 146.0    | Y       | 2.12                                             |
| 27 / 22     | 23.91            | 2.23                                     | 242.9            | 540.6     | 4.7  | 6.57 | 148.6    | Y       | 2.20                                             |
| 28 / 6      | 23.96            | 2.23                                     | 242.5            | 540.6     | 4.7  | 6.60 | 151.3    | Y       | 2.22                                             |
| 29 / 13     | 24.05            | 2.22                                     | 241.5            | 535.3     | 4.7  | 6.63 | 152.1    | Y       | 2.19                                             |
| 30 / 13     | 23.96            | 2.23                                     | 242.5            | 539.7     | 4.6  | 6.62 | 153.0    | Y       | 2.20                                             |
| 31 / 23     | 23.98            | 2.21                                     | 241.6            | 532.8     | 4.6  | 6.58 | 151.2    | Y       | 2.17                                             |

### Notes for Conduit 2 (C2):

January 1 to 31, 2025: Conduit 2 out of service from Headworks to Hudsons Intertie; Conduit 4 feeding Conduit 2 at Hudsons Intertie, Conduit 2 in service from Hudsons through Lusted and on to town.

Signature: Anna Vosa  
Anna Vosa, P.E., Water Quality Engineer

Date: 2/5/25

# OHA - Drinking Water Services

## Surface Water Quality Data Conduit 3

Portland Water Bureau

ID#: OR 4100657

WTP-A

Month/Year: 01/2025

| Date / Time | Peak Hourly Flow | Minimum Hourly Average Free Chlorine (C) | Contact Time (T) | Actual CT | Temp | pH   | Req'd CT | CT Met? | Min. Hourly Average Total Chlorine at First User |
|-------------|------------------|------------------------------------------|------------------|-----------|------|------|----------|---------|--------------------------------------------------|
|             | MGD              | ppm or mg/L                              | min.             | C x T     | °C   |      | Tables   | Y/N     | ppm or mg/L                                      |
| 1 / 6       | 18.48            | 2.49                                     | 527.1            | 1313.2    | 6.2  | 6.29 | 126.9    | Y       | 2.53                                             |
| 2 / 15      | 18.69            | 2.49                                     | 520.4            | 1297.2    | 6.2  | 6.27 | 126.1    | Y       | 2.50                                             |
| 3 / 1       | 18.45            | 2.48                                     | 527.5            | 1307.6    | 6.2  | 6.27 | 126.1    | Y       | 2.50                                             |
| 4 / 20      | 18.45            | 2.56                                     | 534.1            | 1368.3    | 6.2  | 6.28 | 128.0    | Y       | 2.57                                             |
| 5 / 4       | 18.42            | 2.59                                     | 534.3            | 1381.3    | 6.2  | 6.28 | 128.6    | Y       | 2.58                                             |
| 6 / 13      | 18.52            | 2.52                                     | 531.6            | 1340.4    | 6.2  | 6.33 | 129.4    | Y       | 2.37                                             |
| 7 / 18      | 23.03            | 2.53                                     | 427.1            | 1078.6    | 6.1  | 6.29 | 128.2    | Y       | 2.46                                             |
| 8 / 9       | 23.04            | 2.55                                     | 427.0            | 1089.1    | 6.0  | 6.30 | 130.1    | Y       | 2.56                                             |
| 9 / 5       | 18.06            | 2.48                                     | 545.4            | 1355.2    | 5.9  | 6.31 | 129.7    | Y       | 2.48                                             |
| 10 / 23     | 17.88            | 2.50                                     | 550.6            | 1377.2    | 5.9  | 6.31 | 130.2    | Y       | 2.50                                             |
| 11 / 23     | 18.00            | 2.53                                     | 547.4            | 1382.4    | 5.9  | 6.32 | 131.3    | Y       | 2.50                                             |
| 12 / 4      | 18.05            | 2.52                                     | 545.4            | 1372.7    | 5.9  | 6.33 | 131.4    | Y       | 2.50                                             |
| 13 / 0      | 18.02            | 2.52                                     | 546.8            | 1377.7    | 5.9  | 6.33 | 131.6    | Y       | 2.48                                             |
| 14 / 0      | 17.83            | 2.24                                     | 552.5            | 1236.5    | 5.8  | 6.32 | 127.4    | Y       | 2.20                                             |
| 15 / 21     | 17.90            | 2.21                                     | 550.1            | 1214.7    | 5.7  | 6.39 | 130.5    | Y       | 2.18                                             |
| 16 / 0      | 17.83            | 2.23                                     | 552.4            | 1234.0    | 5.7  | 6.39 | 131.0    | Y       | 2.18                                             |
| 17 / 9      | 17.46            | 2.26                                     | 564.0            | 1276.5    | 5.6  | 6.44 | 133.9    | Y       | 2.19                                             |
| 18 / 9      | 17.39            | 2.24                                     | 566.2            | 1268.4    | 5.6  | 6.43 | 133.8    | Y       | 2.05                                             |
| 19 / 3      | 17.40            | 2.21                                     | 565.6            | 1250.7    | 5.5  | 6.42 | 133.3    | Y       | 2.14                                             |
| 20 / 4      | 17.40            | 2.23                                     | 565.9            | 1261.0    | 5.4  | 6.42 | 134.5    | Y       | 2.15                                             |
| 21 / 1      | 17.23            | 2.25                                     | 571.2            | 1282.5    | 5.2  | 6.43 | 136.6    | Y       | 2.16                                             |
| 22 / 21     | 17.24            | 2.20                                     | 570.9            | 1256.7    | 5.2  | 6.45 | 136.5    | Y       | 2.15                                             |
| 23 / 3      | 17.20            | 2.19                                     | 571.8            | 1254.2    | 5.1  | 6.45 | 137.1    | Y       | 2.18                                             |
| 24 / 21     | 17.15            | 2.20                                     | 574.2            | 1264.7    | 5.0  | 6.45 | 137.8    | Y       | 2.17                                             |
| 25 / 2      | 17.13            | 2.20                                     | 575.0            | 1265.2    | 4.9  | 6.46 | 139.3    | Y       | 2.25                                             |
| 26 / 1      | 17.11            | 2.13                                     | 575.8            | 1227.4    | 4.8  | 6.46 | 140.4    | Y       | 2.16                                             |
| 27 / 22     | 17.02            | 2.18                                     | 579.0            | 1261.7    | 4.7  | 6.46 | 142.1    | Y       | 2.20                                             |
| 28 / 21     | 17.02            | 2.24                                     | 578.4            | 1296.1    | 4.7  | 6.50 | 145.5    | Y       | 2.23                                             |
| 29 / 13     | 17.06            | 2.22                                     | 576.6            | 1279.0    | 4.7  | 6.54 | 146.6    | Y       | 2.20                                             |
| 30 / 2      | 17.02            | 2.23                                     | 578.6            | 1287.5    | 4.6  | 6.51 | 146.4    | Y       | 2.20                                             |
| 31 / 23     | 17.07            | 2.19                                     | 576.1            | 1261.4    | 4.6  | 6.48 | 145.4    | Y       | 2.19                                             |

### Notes for Conduit 3 (C3):

January 1 to 31, 2025: Conduit 3 in service from Headworks through Lusted and on to town.

Signature: Anna Vosa  
Anna Vosa, P.E., Water Quality Engineer

Date: 2/5/25

# OHA - Drinking Water Services

## Surface Water Quality Data Conduit 4

Portland Water Bureau

ID#: OR 4100657

WTP-A

Month/Year: 01/2025

| Date / Time | Peak Hourly Flow | Minimum Hourly Average Free Chlorine (C) | Contact Time (T) | Actual CT | Temp | pH   | Req'd CT | CT Met? | Min. Hourly Average Total Chlorine at First User |
|-------------|------------------|------------------------------------------|------------------|-----------|------|------|----------|---------|--------------------------------------------------|
|             | MGD              | ppm or mg/L                              | min.             | C x T     | °C   |      | Tables   | Y/N     | ppm or mg/L                                      |
| 1 / 6       | 36.41            | 2.51                                     | 246.3            | 617.4     | 6.2  | 6.40 | 131.8    | Y       | 2.52                                             |
| 2 / 15      | 36.80            | 2.49                                     | 243.1            | 606.0     | 6.2  | 6.39 | 131.1    | Y       | 2.53                                             |
| 3 / 21      | 36.33            | 2.53                                     | 246.7            | 624.7     | 6.2  | 6.37 | 131.5    | Y       | 2.52                                             |
| 4 / 0       | 35.34            | 2.56                                     | 252.7            | 646.8     | 6.2  | 6.39 | 133.1    | Y       | 2.55                                             |
| 5 / 22      | 33.20            | 2.53                                     | 274.2            | 694.8     | 6.2  | 6.40 | 133.1    | Y       | 2.51                                             |
| 6 / 21      | 36.34            | 2.52                                     | 249.8            | 630.5     | 6.2  | 6.42 | 133.1    | Y       | 2.52                                             |
| 7 / 7       | 36.37            | 2.52                                     | 249.6            | 628.1     | 6.1  | 6.42 | 133.5    | Y       | 2.53                                             |
| 8 / 3       | 36.33            | 2.53                                     | 249.9            | 632.4     | 6.0  | 6.43 | 135.7    | Y       | 2.52                                             |
| 9 / 8       | 36.01            | 2.54                                     | 252.4            | 640.1     | 5.9  | 6.43 | 136.1    | Y       | 2.53                                             |
| 10 / 23     | 35.62            | 2.53                                     | 255.1            | 645.5     | 5.9  | 6.44 | 136.5    | Y       | 2.53                                             |
| 11 / 21     | 35.80            | 2.51                                     | 253.7            | 637.4     | 5.9  | 6.44 | 136.3    | Y       | 2.52                                             |
| 12 / 22     | 36.03            | 2.50                                     | 252.4            | 630.1     | 5.9  | 6.45 | 136.2    | Y       | 2.50                                             |
| 13 / 3      | 35.82            | 2.45                                     | 253.3            | 620.8     | 5.9  | 6.45 | 135.6    | Y       | 2.48                                             |
| 14 / 14     | 35.34            | 2.25                                     | 256.2            | 576.7     | 5.8  | 6.52 | 136.5    | Y       | 2.20                                             |
| 15 / 22     | 35.66            | 2.16                                     | 254.9            | 551.0     | 5.7  | 6.50 | 134.7    | Y       | 2.11                                             |
| 16 / 6      | 35.46            | 2.23                                     | 256.2            | 571.6     | 5.7  | 6.51 | 136.1    | Y       | 2.19                                             |
| 17 / 3      | 34.70            | 2.27                                     | 262.1            | 595.6     | 5.6  | 6.53 | 138.7    | Y       | 2.20                                             |
| 18 / 5      | 34.61            | 2.23                                     | 263.1            | 586.2     | 5.6  | 6.53 | 138.0    | Y       | 2.03                                             |
| 19 / 5      | 34.61            | 2.21                                     | 262.8            | 581.1     | 5.5  | 6.52 | 137.6    | Y       | 2.20                                             |
| 20 / 9      | 34.62            | 2.23                                     | 263.0            | 587.5     | 5.4  | 6.53 | 139.7    | Y       | 2.21                                             |
| 21 / 20     | 37.34            | 2.24                                     | 243.2            | 546.0     | 5.2  | 6.53 | 140.9    | Y       | 2.21                                             |
| 22 / 22     | 40.25            | 2.22                                     | 225.2            | 500.8     | 5.2  | 6.54 | 141.4    | Y       | 2.21                                             |
| 23 / 3      | 40.07            | 2.25                                     | 225.8            | 509.0     | 5.1  | 6.55 | 142.8    | Y       | 2.23                                             |
| 24 / 3      | 39.76            | 2.21                                     | 227.4            | 502.2     | 5.0  | 6.55 | 142.8    | Y       | 2.17                                             |
| 25 / 7      | 36.57            | 2.21                                     | 248.2            | 548.8     | 4.9  | 6.56 | 144.5    | Y       | 2.16                                             |
| 26 / 19     | 36.47            | 2.13                                     | 248.8            | 530.3     | 4.8  | 6.56 | 146.0    | Y       | 2.11                                             |
| 27 / 22     | 36.29            | 2.23                                     | 250.2            | 558.3     | 4.7  | 6.56 | 148.4    | Y       | 2.16                                             |
| 28 / 20     | 36.40            | 2.25                                     | 249.7            | 561.2     | 4.7  | 6.60 | 151.6    | Y       | 2.18                                             |
| 29 / 13     | 36.44            | 2.22                                     | 249.0            | 552.0     | 4.7  | 6.65 | 153.0    | Y       | 2.15                                             |
| 30 / 21     | 36.38            | 2.23                                     | 249.8            | 556.4     | 4.6  | 6.58 | 150.9    | Y       | 2.16                                             |
| 31 / 23     | 36.46            | 2.22                                     | 248.8            | 551.2     | 4.6  | 6.58 | 151.5    | Y       | 2.15                                             |

### Notes for Conduit 4 (C4):

January 1 to 31, 2025: Conduit 4 in service from Headworks through Lusted and on to town; Conduit 4 feeding Conduit 2 at Hudsons Interite.

Signature: Anna Vosa  
Anna Vosa, P.E., Water Quality Engineer

Date: 2/5/25

## OHA Drinking Water Services - Raw Coliform Data (Unfiltered)

**Portland Water Bureau**

**ID#: OR 4100657**

**Month/Year: 01/2025**

| Date      | Fecal Coliform<br>(CFU/100mL) | Comments |
|-----------|-------------------------------|----------|
| 1/1/2025  | 1                             |          |
| 1/2/2025  | 1                             |          |
| 1/3/2025  | 1                             |          |
| 1/4/2025  | 1                             |          |
| 1/5/2025  | 2                             |          |
| 1/6/2025  | 2                             |          |
| 1/7/2025  | 2                             |          |
| 1/8/2025  | <1                            |          |
| 1/9/2025  | <1                            |          |
| 1/10/2025 | 1                             |          |
| 1/11/2025 | 1                             |          |
| 1/12/2025 | 2                             |          |
| 1/13/2025 | <1                            |          |
| 1/14/2025 | 1                             |          |
| 1/15/2025 | 1                             |          |
| 1/16/2025 | 1                             |          |
| 1/17/2025 | <1                            |          |
| 1/18/2025 | 2                             |          |
| 1/19/2025 | <1                            |          |
| 1/20/2025 | <1                            |          |
| 1/21/2025 | 1                             |          |
| 1/22/2025 | <1                            |          |
| 1/23/2025 | 1                             |          |
| 1/24/2025 | <1                            |          |
| 1/25/2025 | 1                             |          |
| 1/26/2025 | <1                            |          |
| 1/27/2025 | <1                            |          |
| 1/28/2025 | 1                             |          |
| 1/29/2025 | <1                            |          |
| 1/30/2025 | 1                             |          |
| 1/31/2025 | <1                            |          |

Note: Fecal Coliform sampled at active Headworks Raw Water Intake (either 2P or 2PIS)

### Six Month Summary:

|                                  |      |
|----------------------------------|------|
| # of Samples For Fecal Coliform: | 182  |
| # of Samples > 20 CFU/100mL:     | 1    |
| Percent:                         | 0.5% |