

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **Coos**  
 Month/Year: **Jan-23**

Conventional or Direct Filtration

| System Name: | Powers, City of |            | ID#: 41-00672 |            |            |            | WTP :   | TP - A |
|--------------|-----------------|------------|---------------|------------|------------|------------|---|--------|
| Day          | Midnight [NTU]  | 0400 [NTU] | 0800 [NTU]    | NOON [NTU] | 1600 [NTU] | 2000 [NTU] | Highest Reading of the Day <sup>1</sup> [NTU] |        |
| 1            | 0.05            | 0.05       | 0.05          | 0.04       | 0.05       | 0.05       | 0.05  |        |
| 2            | 0.05            | 0.05       | 0.05          | 0.04       | 0.04       | 0.05       | 0.05  |        |
| 3            | 0.06            | 0.06       | 0.07          | 0.05       | 0.05       | 0.05       | 0.07  |        |
| 4            | 0.05            | 0.05       | 0.05          | 0.05       | 0.05       | 0.08       | 0.08  |        |
| 5            | 0.05            | 0.05       | 0.05          | 0.05       | 0.05       | 0.06       | 0.06  |        |
| 6            | 0.05            | 0.05       | 0.05          | OFF        | 0.07       | 0.07       | 0.07  |        |
| 7            | 0.05            | 0.05       | 0.05          | 0.05       | 0.05       | 0.05       | 0.05  |        |
| 8            | 0.05            | 0.05       | 0.05          | 0.05       | 0.05       | 0.05       | 0.05  |        |
| 9            | 0.08            | 0.08       | 0.08          | OFF        | 0.06       | 0.05       | 0.08  |        |
| 10           | 0.05            | 0.05       | 0.05          | 0.05       | 0.05       | 0.05       | 0.05  |        |
| 11           | 0.05            | 0.05       | 0.05          | 0.07       | 0.07       | 0.07       | 0.07  |        |
| 12           | 0.07            | 0.07       | 0.07          | OFF        | 0.06       | 0.06       | 0.07  |        |
| 13           | 0.07            | 0.07       | 0.07          | OFF        | OFF        | 0.07       | 0.07  |        |
| 14           | 0.05            | 0.05       | 0.05          | 0.05       | 0.05       | 0.05       | 0.05  |        |
| 15           | OFF             | OFF        | OFF           | OFF        | 0.10       | 0.08       | 0.10  |        |
| 16           | 0.06            | 0.06       | 0.06          | 0.09       | 0.06       | 0.05       | 0.09  |        |
| 17           | 0.05            | 0.05       | 0.05          | 0.06       | OFF        | 0.05       | 0.06  |        |
| 18           | 0.05            | 0.05       | OFF           | 0.04       | 0.05       | OFF        | 0.05  |        |
| 19           | 0.05            | 0.05       | OFF           | 0.05       | OFF        | 0.08       | 0.08  |        |
| 20           | 0.05            | OFF        | 0.05          | 0.06       | 0.05       | 0.05       | 0.06  |        |
| 21           | 0.05            | 0.05       | OFF           | 0.05       | 0.05       | OFF        | 0.05  |        |
| 22           | OFF             | 0.05       | OFF           | 0.05       | 0.05       | 0.05       | 0.05  |        |
| 23           | 0.05            | OFF        | 0.05          | 0.05       | 0.05       | 0.04       | 0.05  |        |
| 24           | OFF             | 0.05       | OFF           | OFF        | 0.05       | 0.05       | 0.05  |        |
| 25           | 0.05            | 0.05       | OFF           | 0.05       | 0.05       | OFF        | 0.05  |        |
| 26           | 0.05            | OFF        | OFF           | 0.05       | 0.06       | 0.07       | 0.07  |        |
| 27           | OFF             | 0.05       | 0.05          | 0.05       | 0.05       | OFF        | 0.05  |        |
| 28           | 0.05            | 0.04       | OFF           | 0.05       | 0.05       | 0.05       | 0.05  |        |
| 29           | 0.04            | 0.04       | 0.04          | 0.05       | 0.04       | 0.04       | 0.05  |        |
| 30           | 0.04            | OFF        | 0.04          | 0.05       | 0.05       | 0.05       | 0.05  |        |
| 31           | 0.04            | 0.04       | OFF           | OFF        | 0.05       | 0.05       | 0.05  |        |

| Conventional or Direct Filtration                             | Monthly Summary (Answer Yes or No)       |  |
|---|--|--|
| 95% of 4-hour turbidity readings ≤ 0.3 NTU? <b>Yes</b>        | CT's met everyday? (see back) <b>Yes</b> | All Cl2 residual at entry point ≥ 0.2 mg/l? <b>Yes</b> |
| All 4-hour turbidity readings ≤ 1 NTU? <b>Yes</b>             |  |  |
| All turbidity readings < IFE <sup>2</sup> triggers <b>Yes</b> |  |  |

|               |                                    |                         |
|---------------|------------------------------------|-------------------------|
| <b>Notes:</b> | <b>PRINTED NAME: Dave Terrusa</b>  |                         |
|               | <b>SIGNATURE: /S/ Dave Terrusa</b> | <b>DATE: 2 Feb 2023</b> |
|               | <b>PHONE #: ( 541 ) 253-7556</b>   | <b>CERT #: 6930</b>     |

<sup>1</sup> Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 2400 through 2000 may not correspond to continuous readings' maximum. <sup>2</sup> IFE = Indiv. Filter Effl. (333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - A

|              |                 |               |             |        |   |   |
|--------------|-----------------|---------------|-------------|--------|---|---|
| System Name: | Powers, City of | ID#: 41-00672 | Month/Year: | Jan-23 | Disinfection <i>Giardia</i> Log Inactive: | 1 |
|--------------|-----------------|---------------|-------------|--------|---|---|

| Date / Time       | Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup> | Contact Time (T) | Actual CT | Temp  | pH   | Required CT | CT Met? <sup>3</sup> | Peak Hourly Demand Flow | Minimum Res. Level |
|-------------------|---|------------------|-----------|-------|------|-------------|----------------------|-------------------------|--------------------|
| Daily about 09:30 | [ppm or mg/L]   | [minutes]        | C X T     | [° C] |      | formula     | Yes / No             | [GPM]                   | formula Feet       |
| 1                 | 0.99  | 449              | 445       | 13.4  | 7.22 | 33          | YES                  | 30                      | 214034.4 14.58     |
| 2                 | 0.93  | 511              | 475       | 12.8  | 7.2  | 34          | YES                  | 30                      | 243247.6 16.57     |
| 3                 | 0.9   | 849              | 764       | 10.7  | 7.3  | 41          | YES                  | 20                      | 269378 18.35       |
| 4                 | 0.7   | 799              | 559       | 9.5   | 7.53 | 46          | YES                  | 20                      | 253523.6 17.27     |
| 5                 | 0.61  | 958              | 584       | 11.4  | 7.53 | 41          | YES                  | 20                      | 304022.8 20.71     |
| 6                 | 0.62  | 997              | 618       | 10.6  | 7.77 | 47          | YES                  | 20                      | 316354 21.55       |
| 7                 | 0.8   | 1069             | 855       | 11.2  | 7.67 | 44          | YES                  | 20                      | 339254.8 23.11     |
| 8                 | 0.81  | 1186             | 960       | 10.6  | 7.46 | 43          | YES                  | 20                      | 376395.2 25.64     |
| 9                 | 0.58  | 1162             | 674       | 11.2  | 7.45 | 40          | YES                  | 20                      | 368761.6 25.12     |
| 10                | 0.63  | 1255             | 791       | 9.9   | 7.55 | 45          | YES                  | 20                      | 398415.2 27.14     |
| 11                | 0.67  | 1384             | 927       | 11.3  | 7.50 | 41          | YES                  | 20                      | 439372.4 29.93     |
| 12                | 0.54  | 1396             | 754       | 11.1  | 7.45 | 40          | YES                  | 20                      | 443042.4 30.18     |
| 13                | 0.56  | 1369             | 767       | 11.6  | 7.42 | 38          | YES                  | 20                      | 434528 29.6        |
| 14                | 0.57  | 1303             | 743       | 11.1  | 7.58 | 42          | YES                  | 20                      | 413535.6 28.17     |
| 15                | 0.54  | 1198             | 647       | 11.3  | 7.44 | 39          | YES                  | 20                      | 380212 25.9        |
| 16                | 0.73  | 1338             | 977       | 9.7   | 7.84 | 51          | YES                  | 20                      | 424839.2 28.94     |
| 17                | 0.49  | 1089             | 534       | 10.3  | 7.53 | 43          | YES                  | 25                      | 432326 29.45       |
| 18                | 0.65  | 1410             | 917       | 10.8  | 7.57 | 43          | YES                  | 20                      | 447740 30.5        |
| 19                | 0.62  | 1411             | 875       | 9.7   | 7.51 | 45          | YES                  | 20                      | 448033.6 30.52     |
| 20                | 0.61  | 1305             | 796       | 9.7   | 7.50 | 45          | YES                  | 20                      | 414269.6 28.22     |
| 21                | 0.7   | 1394             | 976       | 9.3   | 7.54 | 47          | YES                  | 20                      | 442602 30.15       |
| 22                | 0.7   | 941              | 659       | 10.1  | 7.51 | 44          | YES                  | 30                      | 448033.6 30.52     |
| 23                | 0.69  | 941              | 649       | 9.1   | 7.52 | 47          | YES                  | 30                      | 448033.6 30.52     |
| 24                | 0.66  | 1345             | 888       | 8.5   | 7.52 | 49          | YES                  | 20                      | 426894.4 29.08     |
| 25                | 0.62  | 1411             | 875       | 8.8   | 7.63 | 50          | YES                  | 20                      | 447886.8 30.51     |
| 26                | 0.61  | 1415             | 863       | 9.6   | 7.67 | 48          | YES                  | 20                      | 449061.2 30.59     |
| 27                | 0.59  | 1411             | 833       | 9.6   | 7.67 | 48          | YES                  | 20                      | 448033.6 30.52     |
| 28                | 0.63  | 1329             | 838       | 10.4  | 7.67 | 46          | YES                  | 20                      | 422050 28.75       |
| 29                | 0.69  | 911              | 629       | 9.9   | 7.79 | 50          | YES                  | 30                      | 433940.8 29.56     |
| 30                | 0.63  | 941              | 593       | 8.1   | 7.49 | 50          | YES                  | 30                      | 448033.6 30.52     |
| 31                | 0.59  | 622              | 367       | 6.8   | 7.68 | 58          | YES                  | 40                      | 395038.8 26.91     |

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

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Return by 10th of following month by email, fax, or mail to:  
 dwp.dmce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350  
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