

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **Coos**  
 Month/Year: **Mar-24**

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   | OFF            | OFF        | OFF        | OFF        | 0.04       | 0.04       | 0.09  |
| 2   | 0.05           | 0.05       | 0.04       | 0.04       | OFF        | OFF        | 0.05  |
| 3   | OFF            | OFF        | OFF        | OFF        | 0.04       | 0.04       | 0.04  |
| 4   | 0.04           | OFF        | OFF        | 0.06       | 0.04       | 0.04       | 0.06  |
| 5   | 0.04           | 0.04       | 0.05       | OFF        | OFF        | OFF        | 0.09  |
| 6   | OFF            | OFF        | OFF        | 0.04       | 0.03       | 0.03       | 0.04  |
| 7   | 0.03           | OFF        | OFF        | 0.04       | 0.03       | 0.03       | 0.07  |
| 8   | 0.08           | 0.07       | OFF        | 0.09       | 0.04       | 0.04       | 0.09  |
| 9   | OFF            | OFF        | OFF        | 0.04       | 0.04       | 0.03       | 0.04  |
| 10  | 0.04           | 0.04       | 0.04       | 0.04       | 0.04       | 0.04       | 0.04  |
| 11  | 0.04           | 0.04       | 0.04       | 0.04       | 0.04       | 0.04       | 0.04  |
| 12  | OFF            | OFF        | OFF        | OFF        | OFF        | 0.04       | 0.04  |
| 13  | 0.04           | 0.04       | 0.04       | 0.04       | 0.04       | OFF        | 0.04  |
| 14  | OFF            | OFF        | OFF        | 0.04       | 0.04       | 0.04       | 0.04  |
| 15  | 0.04           | 0.03       | OFF        | 0.04       | OFF        | OFF        | 0.04  |
| 16  | OFF            | 0.04       | 0.03       | 0.04       | 0.03       | OFF        | 0.05  |
| 17  | OFF            | OFF        | OFF        | 0.08       | 0.04       | 0.03       | 0.09  |
| 18  | OFF            | OFF        | OFF        | 0.04       | 0.03       | 0.03       | 0.09  |
| 19  | 0.03           | 0.03       | 0.04       | 0.04       | 0.03       | 0.03       | 0.04  |
| 20  | 0.03           | OFF        | OFF        | 0.03       | 0.03       | OFF        | 0.04  |
| 21  | OFF            | OFF        | OFF        | OFF        | OFF        | OFF        | 0.06  |
| 22  | 0.04           | 0.04       | 0.04       | 0.04       | 0.04       | 0.04       | 0.04  |
| 23  | 0.05           | 0.09       | OFF        | OFF        | 0.08       | 0.06       | 0.09  |
| 24  | 0.04           | 0.04       | 0.04       | OFF        | 0.04       | 0.04       | 0.05  |
| 25  | OFF            | OFF        | 0.04       | 0.04       | OFF        | 0.04       | 0.04  |
| 26  | OFF            | OFF        | OFF        | OFF        | 0.03       | 0.03       | 0.05  |
| 27  | 0.03           | 0.03       | 0.03       | 0.03       | OFF        | OFF        | 0.04  |
| 28  | OFF            | OFF        | 0.03       | 0.03       | 0.03       | 0.03       | 0.04  |
| 29  | OFF            | OFF        | OFF        | OFF        | 0.04       | 0.04       | 0.04  |
| 30  | 0.03           | OFF        | OFF        | OFF        | 0.04       | 0.03       | 0.04  |
| 31  | OFF            | OFF        | OFF        | OFF        | 0.04       | OFF        | 0.04  |

| 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?<br>(see back)   | All Cl2 residual at entry point<br>≥ 0.2 mg/l? |
| All 4-hour turbidity readings ≤ 1 NTU?             | <b>Yes</b> |  | <b>Yes</b>                         | <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: 3/6/24</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 = Individ. 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: | Mar-24 | 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                 | 0.59  | 490              | 289       | 9.6   | 7.40 | 44          | YES                  | 50                      | 389166.8 26.51     |
| 2                 | 0.68  | 440              | 299       | 9.1   | 7.9  | 55          | YES                  | 60                      | 418673.6 28.52     |
| 3                 | 0.78  | 451              | 352       | 10.1  | 7.8  | 49          | YES                  | 60                      | 429977.2 29.29     |
| 4                 | 0.73  | 363              | 265       | 9.5   | 7.77 | 51          | YES                  | 70                      | 402819.2 27.44     |
| 5                 | 0.68  | 329              | 224       | 9.0   | 7.97 | 56          | YES                  | 80                      | 418233.2 28.49     |
| 6                 | 0.57  | 352              | 201       | 9.4   | 7.88 | 52          | YES                  | 70                      | 391515.6 26.67     |
| 7                 | 0.43  | 287              | 124       | 9.5   | 7.45 | 44          | YES                  | 85                      | 387552 26.4        |
| 8                 | 0.75  | 269              | 202       | 8.8   | 7.82 | 54          | YES                  | 80                      | 341750.4 23.28     |
| 9                 | 0.83  | 263              | 219       | 9.6   | 7.71 | 50          | YES                  | 80                      | 334410.4 22.78     |
| 10                | 0.84  | 268              | 225       | 10.0  | 7.79 | 50          | YES                  | 85                      | 361715.2 24.64     |
| 11                | 0.75  | 333              | 250       | 9.9   | 7.72 | 49          | YES                  | 80                      | 422784 28.8        |
| 12                | 0.72  | 358              | 258       | 10.7  | 7.61 | 44          | YES                  | 70                      | 397387.6 27.07     |
| 13                | 0.83  | 350              | 291       | 10.1  | 7.66 | 47          | YES                  | 75                      | 417205.6 28.42     |
| 14                | 0.8   | 333              | 266       | 10.3  | 7.64 | 46          | YES                  | 80                      | 422784 28.8        |
| 15                | 0.81  | 330              | 267       | 10.1  | 7.67 | 47          | YES                  | 80                      | 418526.8 28.51     |
| 16                | 0.78  | 310              | 242       | 10.3  | 7.65 | 46          | YES                  | 85                      | 418380 28.5        |
| 17                | 0.56  | 278              | 156       | 10.4  | 7.70 | 46          | YES                  | 85                      | 375074 25.55       |
| 18                | 0.37  | 275              | 102       | 11.1  | 7.76 | 44          | YES                  | 80                      | 348943.6 23.77     |
| 19                | 0.91  | 344              | 313       | 11.0  | 7.70 | 46          | YES                  | 70                      | 382120.4 26.03     |
| 20                | 0.87  | 397              | 345       | 11.1  | 7.66 | 45          | YES                  | 70                      | 440693.6 30.02     |
| 21                | 0.81  | 292              | 237       | 11.5  | 7.64 | 43          | YES                  | 75                      | 348209.6 23.72     |
| 22                | 0.77  | 356              | 274       | 11.4  | 7.78 | 45          | YES                  | 75                      | 424105.2 28.89     |
| 23                | 0.68  | 368              | 250       | 11.0  | 7.88 | 47          | YES                  | 70                      | 408984.8 27.86     |
| 24                | 0.76  | 339              | 258       | 10.6  | 7.98 | 51          | YES                  | 80                      | 430711.2 29.34     |
| 25                | 0.76  | 397              | 302       | 10.6  | 7.77 | 47          | YES                  | 70                      | 440987.2 30.04     |
| 26                | 0.75  | 347              | 260       | 11.0  | 7.68 | 45          | YES                  | 70                      | 385056.4 26.23     |
| 27                | 0.97  | 381              | 369       | 11.1  | 7.60 | 44          | YES                  | 70                      | 423224.4 28.83     |
| 28                | 0.9   | 264              | 237       | 11.8  | 7.63 | 42          | YES                  | 100                     | 418380 28.5        |
| 29                | 0.83  | 315              | 261       | 10.9  | 7.68 | 45          | YES                  | 85                      | 424545.6 28.92     |
| 30                | 0.83  | 345              | 286       | 11.2  | 7.58 | 43          | YES                  | 80                      | 438198 29.85       |
| 31                | 0.8   | 316              | 253       | 11.8  | 7.65 | 42          | YES                  | 85                      | 426307.2 29.04     |

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

Revised April 2020

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