

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **Coos**

Conventional or Direct Filtration

Month/Year: **Dec-22**

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 ¹ [NTU] |
|-----|----------------|------------|------------|------------|------------|------------|---|
| 1 | 0.05 | OFF | OFF | OFF | OFF | 0.07 | 0.07 |
| 2 | 0.06 | 0.06 | 0.06 | 0.06 | OFF | 0.06 | 0.06 |
| 3 | OFF | 0.06 | OFF | 0.06 | 0.05 | OFF | 0.06 |
| 4 | 0.05 | OFF | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| 5 | 0.05 | OFF | 0.05 | OFF | 0.05 | OFF | 0.05 |
| 6 | OFF | 0.05 | OFF | OFF | 0.05 | 0.05 | 0.05 |
| 7 | OFF | 0.05 | OFF | 0.05 | OFF | 0.05 | 0.05 |
| 8 | OFF | 0.05 | OFF | OFF | 0.05 | OFF | 0.05 |
| 9 | OFF | OFF | OFF | OFF | 0.05 | 0.05 | 0.05 |
| 10 | 0.06 | OFF | OFF | OFF | 0.11 | 0.07 | 0.11 |
| 11 | 0.07 | 0.07 | OFF | 0.07 | 0.05 | 0.05 | 0.07 |
| 12 | 0.05 | OFF | 0.05 | OFF | 0.05 | OFF | 0.05 |
| 13 | 0.04 | OFF | 0.09 | 0.04 | OFF | 0.04 | 0.09 |
| 14 | OFF | 0.05 | OFF | 0.04 | 0.04 | 0.04 | 0.05 |
| 15 | 0.05 | OFF | 0.04 | OFF | 0.04 | OFF | 0.05 |
| 16 | OFF | OFF | OFF | 0.05 | 0.04 | 0.04 | 0.05 |
| 17 | 0.04 | OFF | 0.07 | 0.04 | OFF | 0.04 | 0.07 |
| 18 | OFF | 0.05 | OFF | 0.05 | OFF | 0.04 | 0.05 |
| 19 | OFF | OFF | 0.04 | OFF | 0.05 | OFF | 0.05 |
| 20 | 0.04 | OFF | OFF | 0.05 | OFF | 0.04 | 0.05 |
| 21 | OFF | 0.05 | OFF | OFF | 0.05 | 0.06 | 0.06 |
| 22 | 0.06 | OFF | 0.07 | OFF | 0.06 | OFF | 0.07 |
| 23 | 0.05 | OFF | 0.07 | 0.05 | OFF | OFF | 0.07 |
| 24 | 0.08 | 0.06 | OFF | 0.06 | 0.05 | OFF | 0.08 |
| 25 | OFF | OFF | OFF | 0.06 | 0.06 | 0.05 | 0.06 |
| 26 | OFF | OFF | OFF | 0.05 | 0.05 | 0.05 | 0.05 |
| 27 | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 28 | OFF | OFF | OFF | OFF | 0.06 | 0.06 | 0.06 |
| 29 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| 30 | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 31 | OFF | OFF | OFF | OFF | OFF | 0.05 | 0.05 |

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

| | | |
|---------------------------------------|------------------------------------|-----------------------|
| Notes: Plant off 27th and 30th | PRINTED NAME: Dave Terrusa | |
| | SIGNATURE: JS/ Dave Terrusa | DATE: 1/5/2023 |
| | PHONE #: (541) 253-7556 | CERT #: 6930 |

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 2400 through 2000 may not correspond to continuous readings' maximum. ² 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: | Dec-22 | Disinfection <i>Giardia</i> Log Inactive: | 1 |
|--------------|-----------------|---------------|-------------|--------|---|---|

| Date / Time | Minimum Cl ₂ Residual at 1st User (C) ³ | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? ³ | 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 | 0.46 | 1243 | 572 | 10.1 | 7.31 | 40 | YES | 20 | 394745.2 26.89 |
| 2 | 0.65 | 1411 | 917 | 8.5 | 7.5 | 50 | YES | 20 | 448033.6 30.52 |
| 3 | 0.64 | 1411 | 903 | 8.8 | 7.8 | 53 | YES | 20 | 448033.6 30.52 |
| 4 | 0.66 | 1351 | 891 | 8.3 | 7.54 | 50 | YES | 20 | 428802.8 29.21 |
| 5 | 0.74 | 1413 | 1045 | 8.8 | 7.45 | 47 | YES | 20 | 448474 30.55 |
| 6 | 0.72 | 1411 | 1016 | 9.1 | 7.55 | 48 | YES | 20 | 448033.6 30.52 |
| 7 | 0.71 | 1411 | 1002 | 9.0 | 7.55 | 48 | YES | 20 | 448033.6 30.52 |
| 8 | 0.65 | 1411 | 917 | 9.5 | 7.50 | 46 | YES | 20 | 447886.8 30.51 |
| 9 | 0.55 | 996 | 548 | 8.8 | 7.53 | 48 | YES | 25 | 395332.4 26.93 |
| 10 | 0.52 | 1183 | 615 | 10.1 | 7.40 | 42 | YES | 20 | 375514.4 25.58 |
| 11 | 0.66 | 862 | 569 | 9.7 | 7.33 | 43 | YES | 30 | 410599.6 27.97 |
| 12 | 0.92 | 1412 | 1299 | 9.8 | 7.26 | 42 | YES | 20 | 448327.2 30.54 |
| 13 | 0.97 | 1411 | 1369 | 10.1 | 7.29 | 42 | YES | 20 | 448033.6 30.52 |
| 14 | 0.92 | 941 | 866 | 9.9 | 7.35 | 43 | YES | 30 | 448327.2 30.54 |
| 15 | 0.98 | 1412 | 1384 | 8.2 | 7.22 | 47 | YES | 20 | 448327.2 30.54 |
| 16 | 0.74 | 1296 | 959 | 7.5 | 7.10 | 46 | YES | 20 | 411480.4 28.03 |
| 17 | 0.65 | 1411 | 917 | 6.7 | 7.63 | 58 | YES | 20 | 447886.8 30.51 |
| 18 | 0.64 | 1410 | 903 | 7.0 | 7.65 | 57 | YES | 20 | 447740 30.5 |
| 19 | 0.62 | 941 | 583 | 7.5 | 7.51 | 52 | YES | 30 | 448033.6 30.52 |
| 20 | 0.56 | 1410 | 790 | 6.6 | 7.53 | 55 | YES | 20 | 447740 30.5 |
| 21 | 0.62 | 1059 | 656 | 9.2 | 7.60 | 48 | YES | 25 | 420141.6 28.62 |
| 22 | 0.51 | 1411 | 720 | 10.6 | 7.63 | 44 | YES | 20 | 448033.6 30.52 |
| 23 | 0.54 | 1411 | 762 | 10.7 | 7.63 | 44 | YES | 20 | 448033.6 30.52 |
| 24 | 0.52 | 941 | 489 | 10.5 | 7.68 | 45 | YES | 30 | 448033.6 30.52 |
| 25 | 0.48 | 820 | 394 | 11.9 | 7.46 | 38 | YES | 30 | 390488 26.6 |
| 26 | 0.5 | 1187 | 594 | 12.5 | 7.61 | 38 | YES | 20 | 376982.4 25.68 |
| 27 | OFF | 0 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | 20 | 0 |
| 28 | 0.8 | 1041 | 833 | 12.1 | 7.47 | 39 | YES | 20 | 330446.8 22.51 |
| 29 | 0.83 | 1018 | 845 | 11.9 | 7.28 | 37 | YES | 20 | 323106.8 22.01 |
| 30 | OFF | 0 | #VALUE! | OFF | OFF | #VALUE! | #VALUE! | 20 | 0 |
| 31 | 0.95 | 600 | 570 | 12.4 | 7.33 | 37 | YES | 20 | 190399.6 12.97 |

³ If Cl₂ 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