

OHA - Drinking Water Program - Turbidity Monitoring Report form County Clackamas  
 RHODODENDRON WATER ASSOCIATION PWS ID# 4100702  
 TURBIDITY MONITORING REPORT FORM (slow sand)

SYSTEM NAME RHODODENDRON WATER ID# 4100702

Mar-25

| DAY | psi             | PSID       | PSID   | when to<br>change | Slow Sand Turbidity WTP A1 |       |       |       |       |       | HIGHEST<br>READING |
|-----|-----------------|------------|--------|-------------------|----------------------------|-------|-------|-------|-------|-------|--------------------|
|     | supply<br>press | ppp<br>520 | finals |                   | 12-4                       | 4-8   | 8-12  | 12-16 | 16-20 | 20-24 | NTU                |
| 1   |                 | <15        | <2.5   | 20,3              | 0.062                      | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062              |
| 2   |                 | <15        | <2.5   | 20,3              | 0.062                      | 0.062 | 0.062 | 0.048 | 0.048 | 0.062 | 0.062              |
| 3   |                 | <15        | <2.5   | 20,3              | 0.062                      | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062              |
| 4   | 6               | 6          | 6      | 20,3              | 0.062                      | 0.061 | 0.048 | 0.049 | 0.062 | 0.048 | 0.062              |
| 5   |                 | <15        | <2.5   | 20,3              | 0.048                      | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048              |
| 6   |                 | <15        | <2.5   | 20,3              | 0.048                      | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048              |
| 7   | 6               | 6          | 6      | 20,3              | 0.048                      | 0.040 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048              |
| 8   |                 | <15        | <2.5   | 20,3              | 0.048                      | 0.048 | 0.048 | 0.048 | 0.048 | 0.041 | 0.048              |
| 9   |                 | <15        | <2.5   | 20,3              | 0.048                      | 0.045 | 0.040 | 0.041 | 0.048 | 0.048 | 0.048              |
| 10  | 7               | 7          | 7      | 20,3              | 0.048                      | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048              |
| 11  |                 | <15        | <2.5   | 20,3              | 0.048                      | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048              |
| 12  |                 | <15        | <2.5   | 20,3              | 0.048                      | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048              |
| 13  |                 | <15        | <2.5   | 20,3              | 0.048                      | 0.048 | 0.048 | 0.041 | 0.048 | 0.048 | 0.048              |
| 14  | 6               | 6          | 6      | 20,3              | 0.048                      | 0.040 | 0.040 | 0.042 | 0.047 | 0.040 | 0.048              |
| 15  |                 | <15        | <2.5   | 20,3              | 0.040                      | 0.041 | 0.048 | 0.041 | 0.040 | 0.048 | 0.048              |
| 16  |                 | <15        | <2.5   | 20,3              | 0.048                      | 0.048 | 0.048 | 0.062 | 0.048 | 0.048 | 0.062              |
| 17  | 6               | 6          | 6      | 20,3              | 0.048                      | 0.048 | 0.048 | 0.048 | 0.043 | 0.048 | 0.048              |
| 18  |                 | <15        | <2.5   | 20,3              | 0.048                      | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048              |
| 19  |                 | <15        | <2.5   | 20,3              | 0.048                      | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048              |
| 20  |                 | <15        | <2.5   | 20,3              | 0.048                      | 0.048 | 0.048 | 0.048 | 0.048 | 0.048 | 0.048              |
| 21  | 6               | 6          | 6      | 20,3              | 0.048                      | 0.048 | 0.048 | 0.052 | 0.056 | 0.062 | 0.062              |
| 22  |                 | <15        | <2.5   | 20,3              | 0.062                      | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062              |
| 23  |                 | <15        | <2.5   | 20,3              | 0.048                      | 0.048 | 0.048 | 0.062 | 0.050 | 0.048 | 0.062              |
| 24  | 7               | 7          | 7      | 20,3              | 0.062                      | 0.062 | 0.062 | 0.070 | 0.070 | 0.062 | 0.070              |
| 25  |                 | <15        | <2.5   | 20,3              | 0.062                      | 0.062 | 0.062 | 0.061 | 0.062 | 0.062 | 0.062              |
| 26  |                 | <15        | <2.5   | 20,3              | 0.062                      | 0.062 | 0.063 | 0.070 | 0.069 | 0.070 | 0.070              |
| 27  |                 | <15        | <2.5   | 20,3              | 0.070                      | 0.087 | 0.071 | 0.087 | 0.077 | 0.066 | 0.087              |
| 28  | 6               | 6          | 6      | 20,3              | 0.070                      | 0.077 | 0.070 | 0.084 | 0.078 | 0.070 | 0.084              |
| 29  |                 | <15        | <2.5   | 20,3              | 0.062                      | 0.062 | 0.062 | 0.068 | 0.062 | 0.048 | 0.068              |
| 30  |                 | <15        | <2.5   | 20,3              | 0.062                      | 0.054 | 0.056 | 0.070 | 0.069 | 0.062 | 0.070              |
| 31  | 6               | 6          | 6      | 20,3              | 0.062                      | 0.062 | 0.062 | 0.070 | 0.070 | 0.040 | 0.070              |

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RHODODENDRON WATER ASSOCIATION PWS ID# 4100702  
SURFACE WATER QUALITY DATA

Mar-25

| DATE                                    | TIME  | NE<br>RESIDU | CONTACT<br>TIME | ACTUAL<br>CT | WATER<br>TEMP | WATER<br>PH                                              | REQUIRE<br>D | PEAK<br>HOURLY<br>FLOW | CT<br>MET |
|-----------------------------------------|-------|--------------|-----------------|--------------|---------------|----------------------------------------------------------|--------------|------------------------|-----------|
|                                         |       | PPM          | minutes         | C x T        | C°            | -log(h)                                                  | reg equ      | GPM                    | YES/NO    |
| 3/1/2025                                | 0:00  | 1.23         | 509             | 628          | 4.8           | 7.4                                                      | 65           | 59                     | YES       |
| 3/2/2025                                | 10:00 | 1.19         | 460             | 546          | 5.1           | 7.5                                                      | 66           | 65                     | YES       |
| 3/3/2025                                | 0:00  | 1.18         | 531             | 629          | 5.2           | 7.4                                                      | 63           | 57                     | YES       |
| 3/4/2025                                | 18:00 | 1.16         | 500             | 582          | 5.2           | 7.4                                                      | 62           | 60                     | YES       |
| 3/5/2025                                | 7:00  | 1.16         | 518             | 600          | 4.9           | 7.5                                                      | 66           | 58                     | YES       |
| 3/6/2025                                | 19:00 | 1.18         | 476             | 563          | 4.7           | 7.4                                                      | 65           | 63                     | YES       |
| 3/7/2025                                | 10:00 | 1.22         | 505             | 615          | 4.6           | 7.5                                                      | 68           | 59                     | YES       |
| 3/8/2025                                | 20:00 | 1.22         | 464             | 567          | 4.6           | 7.4                                                      | 65           | 65                     | YES       |
| 3/9/2025                                | 13:00 | 1.24         | 440             | 545          | 4.6           | 7.5                                                      | 68           | 68                     | YES       |
| 3/10/2025                               | 12:00 | 1.26         | 645             | 814          | 4.8           | 7.4                                                      | 65           | 47                     | YES       |
| 3/11/2025                               | 9:00  | 1.27         | 476             | 605          | 4.8           | 7.5                                                      | 68           | 63                     | YES       |
| 3/12/2025                               | 10:00 | 1.28         | 676             | 861          | 4.9           | 7.4                                                      | 65           | 44                     | YES       |
| 3/13/2025                               | 13:00 | 1.52         | 503             | 761          | 4.7           | 7.5                                                      | 70           | 60                     | YES       |
| 3/14/2025                               | 19:00 | 1.37         | 655             | 898          | 4.5           | 7.4                                                      | 67           | 46                     | YES       |
| 3/15/2025                               | 18:00 | 1.12         | 465             | 523          | 4.2           | 7.5                                                      | 69           | 65                     | YES       |
| 3/16/2025                               | 1:00  | 0.92         | 537             | 492          | 4.2           | 7.4                                                      | 64           | 56                     | YES       |
| 3/17/2025                               | 18:00 | 0.80         | 505             | 406          | 4.2           | 7.4                                                      | 65           | 59                     | YES       |
| 3/18/2025                               | 19:00 | 0.83         | 557             | 462          | 4.2           | 7.3                                                      | 62           | 54                     | YES       |
| 3/19/2025                               | 17:00 | 0.86         | 498             | 428          | 4.1           | 7.5                                                      | 68           | 60                     | YES       |
| 3/20/2025                               | 5:00  | 0.93         | 560             | 519          | 4.2           | 7.4                                                      | 64           | 54                     | YES       |
| 3/21/2025                               | 18:00 | 0.87         | 478             | 416          | 4.3           | 7.5                                                      | 67           | 63                     | YES       |
| 3/22/2025                               | 8:00  | 0.82         | 489             | 403          | 4.3           | 7.6                                                      | 67           | 61                     | YES       |
| 3/23/2025                               | 18:00 | 0.82         | 468             | 385          | 4.6           | 7.6                                                      | 66           | 64                     | YES       |
| 3/24/2025                               | 6:00  | 0.90         | 526             | 475          | 5.1           | 7.5                                                      | 63           | 57                     | YES       |
| 3/25/2025                               | 20:00 | 0.91         | 471             | 430          | 5.4           | 7.5                                                      | 61           | 64                     | YES       |
| 3/26/2025                               | 7:00  | 0.88         | 482             | 426          | 5.6           | 7.5                                                      | 60           | 62                     | YES       |
| 3/27/2025                               | 19:00 | 1.20         | 491             | 589          | 5.8           | 7.4                                                      | 60           | 61                     | YES       |
| 3/28/2025                               | 7:00  | 1.10         | 504             | 555          | 5.8           | 7.0                                                      | 52           | 60                     | YES       |
| 3/29/2025                               | 16:00 | 1.05         | 472             | 496          | 5.6           | 7.1                                                      | 54           | 64                     | YES       |
| 3/30/2025                               | 8:00  | 1.10         | 484             | 532          | 5.4           | 7.1                                                      | 54           | 62                     | YES       |
| 3/31/2025                               | 20:00 | 1.00         | 494             | 494          | 5.5           | 7.1                                                      | 53           | 61                     | YES       |
| 95% of Daily Turbidity Readings < 1 ntu |       |              |                 |              | yes           | CL <sub>2</sub> RESID AT Entry Point<br>ALWAYS >0.2 MG/L |              |                        | yes       |
| All Daily Turbidity Readings < 5 NTU    |       |              |                 |              | yes           | CT's Met Everyday?                                       |              |                        | yes       |

phone 503-310-9262

SIGNATURE:

David Jacob

PRINT NAME

David Jacob

DATE

3-Apr-25

CERT # 3675