

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

Jan-22

| DAY | psi | PSID | PSID | PSI | Slow Sand Turbidity WTP A1 | | | | | | HIGHEST |
|-----|-----------------|------------|--------|---------|----------------------------|-------|-------|-------|--------|-------|----------------|
| | supply press | ppp 520 | finals | when to | 12-4 | 4-8 | 8-12 | 12-16 | 16-20 | 20-24 | READING NTU |
| 1 | | <15 | <2.5 | 20,3 | 0.099 | 0.106 | 0.099 | 0.099 | 0.128 | 0.106 | 0.128 |
| 2 | 6 | 6 | 6 | 20,3 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 |
| 3 | | <15 | <2.5 | 20,3 | 0.099 | 0.099 | 0.099 | 0.099 | 0.106 | 0.106 | 0.106 |
| 4 | | <15 | <2.5 | 20,3 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 |
| 5 | | <15 | <2.5 | 20,3 | 0.099 | 0.099 | 0.099 | 0.128 | 0.144 | 0.128 | 0.144 |
| 6 | | <15 | <2.5 | 20,3 | 0.099 | 0.099 | 0.238 | 0.238 | 0.194 | 0.458 | 0.458 |
| 7 | 6 | 6 | 6 | 20,3 | 0.114 | 0.148 | 0.153 | 0.128 | 0.128 | 0.128 | 0.153 |
| 8 | | <15 | <2.5 | 20,3 | 0.114 | 0.114 | 0.114 | 0.128 | 0.128 | 0.114 | 0.128 |
| 9 | | <15 | <2.5 | 20,3 | 0.114 | 0.114 | 0.187 | 0.143 | 0.114 | 0.114 | 0.187 |
| 10 | 6 | 6 | 6 | 20,3 | 0.114 | 0.114 | 0.114 | 0.114 | 0.114 | 0.114 | 0.114 |
| 11 | | <15 | <2.5 | 20,3 | 0.114 | 0.108 | 0.114 | 0.114 | 0.114 | 0.114 | 0.114 |
| 12 | | <15 | <2.5 | 20,3 | 0.108 | 0.108 | 0.108 | 0.108 | 0.114 | 0.114 | 0.114 |
| 13 | | <15 | <2.5 | 20,3 | 0.114 | 0.114 | 0.114 | 0.114 | 0.114 | 0.114 | 0.114 |
| 14 | | <15 | <2.5 | 20,3 | 0.106 | 0.106 | 0.106 | 0.106 | 0.114 | 0.138 | 0.138 |
| 15 | 6 | 6 | 6 | 20,3 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 | 0.144 | 0.144 |
| 16 | | <15 | <2.5 | 20,3 | 0.114 | 0.114 | 0.114 | 0.114 | 0.114 | 0.114 | 0.114 |
| 17 | | <15 | <2.5 | 20,3 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 |
| 18 | 6 | 6 | 6 | 20,3 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 |
| 19 | | <15 | <2.5 | 20,3 | 0.099 | 0.099 | 0.099 | 0.099 | 0.106 | 0.099 | 0.106 |
| 20 | | <15 | <2.5 | 20,3 | 0.099 | 0.099 | 0.099 | 0.099 | 0.0143 | 0.172 | 0.172 |
| 21 | 7 | 7 | 7 | 20,3 | 0.128 | 0.128 | 0.114 | 0.114 | 0.114 | 0.114 | 0.128 |
| 22 | | <15 | <2.5 | 20,3 | 0.106 | 0.106 | 0.106 | 0.114 | 0.114 | 0.114 | 0.114 |
| 23 | | <15 | <2.5 | 20,3 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 | 0.106 |
| 24 | 7 | 7 | 7 | 20,3 | 0.106 | 0.099 | 0.099 | 0.099 | 0.106 | 0.114 | 0.114 |
| 25 | | <15 | <2.5 | 20,3 | 0.099 | 0.099 | 0.099 | 0.099 | 0.099 | 0.099 | 0.099 |
| 26 | | <15 | <2.5 | 20,3 | 0.106 | 0.355 | 0.106 | 0.106 | 0.158 | 0.106 | 0.355 |
| 27 | | <15 | <2.5 | 20,3 | 0.106 | 0.106 | | | | | 0.106 |
| 28 | 7 | 7 | 7 | 20,3 | | | | | | 0.114 | 0.114 |
| 29 | | <15 | <2.5 | 20,3 | 0.114 | 0.128 | 0.114 | 0.114 | 0.114 | 0.128 | 0.128 |
| 30 | | <15 | <2.5 | 20,3 | 0.128 | 0.128 | 0.128 | 0.128 | 0.128 | 0.128 | 0.128 |
| 31 | 6 | 6 | 6 | 20,3 | 0.166 | 0.134 | 0.128 | 0.128 | 0.128 | 0.128 | 0.166 |

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 RHODODENDRON WATER ASSOCIATION PWS ID# 4100702
 SURFACE WATER QUALITY DATA

Jan-22

| DATE | TIME | CHLORINE | CONTACT TIME | ACTUAL CT | WATER TEMP | WATER PH | CT REQUIRE | PEAK HOURLY FLOW | CT MET |
|---|-------|----------|--------------|-----------|------------|---|------------|------------------|--------|
| | | PPM | minutes | C x T | C° | -log(h) | reg equ | GPM | YES/NO |
| 1/1/2022 | 10:00 | 1.00 | 346 | 347 | 1.6 | 7.7 | 88 | 87 | YES |
| 1/2/2022 | 10:00 | 1.02 | 427 | 435 | 2.3 | 7.8 | 86 | 70 | YES |
| 1/3/2022 | 10:00 | 1.02 | 286 | 293 | 2.6 | 7.8 | 83 | 105 | YES |
| 1/4/2022 | 23:00 | 0.98 | 435 | 425 | 2.8 | 7.7 | 81 | 69 | YES |
| 1/5/2022 | 8:00 | 0.97 | 390 | 377 | 2.9 | 7.8 | 81 | 77 | YES |
| 1/6/2022 | 22:00 | 0.80 | 429 | 342 | 2.9 | 7.9 | 83 | 70 | YES |
| 1/7/2022 | 8:00 | 0.75 | 384 | 288 | 3.3 | 8.3 | 94 | 78 | YES |
| 1/8/2022 | 21:00 | 0.89 | 342 | 304 | 3.6 | 7.7 | 74 | 88 | YES |
| 1/9/2022 | 9:00 | 0.76 | 336 | 256 | 3.7 | 7.7 | 72 | 89 | YES |
| 1/10/2022 | 22:00 | 0.74 | 423 | 311 | 3.8 | 7.6 | 71 | 71 | YES |
| 1/11/2022 | 11:00 | 0.78 | 368 | 286 | 3.8 | 7.6 | 71 | 82 | YES |
| 1/12/2022 | 18:00 | 0.74 | 448 | 333 | 3.9 | 7.6 | 70 | 67 | YES |
| 1/13/2022 | 13:00 | 0.71 | 375 | 266 | 3.9 | 7.6 | 69 | 80 | YES |
| 1/14/2022 | 19:00 | 0.72 | 420 | 304 | 4.0 | 7.6 | 69 | 72 | YES |
| 1/15/2022 | 12:00 | 0.73 | 352 | 256 | 3.9 | 7.6 | 68 | 85 | YES |
| 1/16/2022 | 17:00 | 0.70 | 415 | 289 | 3.9 | 7.5 | 68 | 72 | YES |
| 1/17/2022 | 9:00 | 0.68 | 358 | 244 | 3.9 | 7.5 | 68 | 84 | YES |
| 1/18/2022 | 16:00 | 0.68 | 445 | 304 | 3.9 | 7.5 | 67 | 67 | YES |
| 1/19/2022 | 12:00 | 0.55 | 391 | 215 | 4.0 | 7.4 | 64 | 77 | YES |
| 1/20/2022 | 0:00 | 0.47 | 454 | 211 | 4.1 | 7.5 | 64 | 66 | YES |
| 1/21/2022 | 21:00 | 0.44 | 415 | 182 | 4.2 | 8.0 | 77 | 72 | YES |
| 1/22/2022 | 17:00 | 0.73 | 449 | 326 | 4.1 | 7.5 | 67 | 67 | YES |
| 1/23/2022 | 11:00 | 0.70 | 384 | 270 | 4.1 | 7.6 | 68 | 78 | YES |
| 1/24/2022 | 1:00 | 0.70 | 469 | 329 | 4.0 | 7.6 | 68 | 64 | YES |
| 1/25/2022 | 14:00 | 0.74 | 428 | 316 | 4.0 | 7.6 | 68 | 70 | YES |
| 1/26/2022 | 6:00 | 0.72 | 496 | 358 | 3.8 | 7.6 | 71 | 61 | YES |
| 1/27/2022 | 18:00 | 0.72 | 403 | 291 | 3.8 | 7.6 | 71 | 74 | YES |
| 1/28/2022 | 10:00 | 0.74 | 412 | 304 | 3.7 | 7.6 | 71 | 73 | YES |
| 1/29/2022 | 10:00 | 0.76 | 447 | 338 | 3.6 | 7.6 | 70 | 67 | YES |
| 1/30/2022 | 12:00 | 0.75 | 458 | 345 | 3.6 | 7.6 | 71 | 66 | YES |
| 1/31/2022 | 19:00 | 0.75 | 418 | 314 | 3.6 | 7.6 | 70 | 72 | YES |
| 95% of Daily Turbidity Readings < 1 ntu | | | | | yes | CL ₂ RESID AT Entry Point 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 4-Feb-22 CERT # 3675