OHA - Drinking Water Services - Surface Water Quality Data Form

Cartridge or Bag Filtration

County: Baker

Month/Year: May-25

System Name: Richland, City of ID#: 41 00703 WTP ID: TP- A

| Day | PSI Before Filter | PSI After Filter | PSID | PSID When to Change Filter | Daily Turbidity Reading [NTU] | Highest Reading of the day [1] [NTU] |
|---|---|---|---|---|---|---|
| 1 | 22.30 | 21.60 | 0.70 | 25.00 | 0.15 | |
| 2 | 20.70 | 19.00 | 1.70 | 25.00 | 0.13 | |
| 3 | 21.10 | 19.20 | 1.90 | 25.00 | 0.11 | |
| 4 | 20.90 | 18.50 | 2.40 | 25.00 | 0.10 | |
| 5 | 20.70 | 17.70 | 3.00 | 25.00 | 0.12 | |
| 6 | 20.10 | 19.10 | 1.00 | 25.00 | 0.10 | |
| 7 | 21.90 | 21.40 | 0.50 | 25.00 | 0.15 | |
| 8 | 22.40 | 21.30 | 1.10 | 25.00 | 0.11 | |
| 9 | 22.70 | 22.10 | 0.60 | 25.00 | 0.17 | |
| 10 | 21.90 | 21.10 | 0.80 | 25.00 | 0.20 | |
| 11 | 17.30 | 5.00 | 12.30 | 25.00 | 0.15 | |
| 12 | 22.50 | 21.80 | 0.70 | 25.00 | 0.12 | |
| 13 | 21.70 | 20.60 | 1.10 | 25.00 | 0.19 | |
| 14 | 20.80 | 19.00 | 1.80 | 25.00 | 0.11 | |
| 15 | 20.90 | 5.00 | 15.90 | 25.00 | 0.15 | |
| 16 | 21.00 | 19.90 | 1.10 | 25.00 | 0.11 | |
| 17 | 21.40 | 19.60 | 1.80 | 25.00 | 0.10 | |
| 18 | 22.30 | 22.30 | 0.00 | 25.00 | 0.11 | |
| 19 | 22.40 | 22.30 | 0.10 | 25.00 | 0.09 | |
| 20 | 16.70 | 4.40 | 12.30 | 25.00 | 0.10 | |
| 21 | 20.90 | 20.00 | 0.90 | 25.00 | 0.16 | |
| 22 | 21.20 | 20.30 | 0.90 | 25.00 | 0.08 | |
| 23 | 20.60 | 19.20 | 1.40 | 25.00 | 0.11 | |
| 24 | 20.80 | 19.50 | 1.30 | 25.00 | 0.17 | |
| 25 | 21.00 | 19.50 | 1.50 | 25.00 | 0.28 | |
| 26 | 23.10 | 22.10 | 1.00 | 25.00 | 0.14 | |
| 27 | 28.50 | 4.60 | 23.90 | 25.00 | 0.19 | |
| 28 | 20.40 | 17.80 | 2.60 | 25.00 | 0.17 | |
| 29 | 21.40 | 19.60 | 1.80 | 25.00 | 0.11 | |
| 30 | 22.40 | 22.30 | 0.10 | 25.00 | 0.16 | |
| 31 | | | | 25.00 | | |

| Cartridge & Bag Filtration | | Monthly Summary (Answer Yes or No) | |
|---|---|---|---|
| 95% of daily turbidity readings ≤ 1 NTU? | Yes / No | CT's met everyday? (see back) | All Cl2 residual at entry point ≥ 0.2 mg/l? |
| All daily turbidity readings ≤ 5 NTU? | Yes / No | Yes / No | Yes / No |

**Notes:** PSI = pounds per square inch

PSID = pounds per square inch difference (before filter - after filter)

PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter, at what PSID.

PRINTED NAME: Gary Ringbeck

SIGNATURE: 30/06/2025

PHONE #: (541) 893-6141 CERT #: 7025

[1] Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in Daily Turbidity Reading column may not correspond to continuous readings' maximum.

OHA - Drinking Water Services - Surface Water Quality Data Form

| WTP- : | A |
|---|---|

| System Name: | Richland, City of | ID#: 41 | 00703 | ~~Aug/2024~~ 06/2025 | Disinfection *Giardia* Log Inactiv: | 0.5 |
|---|---|---|---|---|---|---|

| Date / Time | Minimum $Cl_2$ Residual at 1st User ( C ) [2] | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? [2] | Peak Hourly Demand Flow |
|---|---|---|---|---|---|---|---|---|
| | [ppm or mg/L] | [minutes] | C X T | [° C] | | formula | Yes / No | [GPM] |
| 1 | 0.69 | 348 | 240.1 | 14.9 | 7.40 | 15.4 | YES | 400 |
| 2 | 0.77 | 379 | 291.8 | 14.3 | 7.40 | 16.1 | YES | 410 |
| 3 | 0.84 | 418 | 351.1 | 13.7 | 7.50 | 17.6 | YES | 405 |
| 4 | 1.07 | 523 | 559.6 | 13.7 | 7.40 | 17.4 | YES | 413 |
| 5 | 0.92 | 470 | 432.4 | 13.6 | 7.40 | 17.2 | YES | 395 |
| 6 | 0.81 | 411 | 332.9 | 15.8 | 7.50 | 15.2 | YES | 398 |
| 7 | 0.74 | 372 | 275.3 | 14.3 | 7.40 | 16.1 | YES | 401 |
| 8 | 0.69 | 352 | 242.9 | 15.0 | 7.40 | 15.2 | YES | 395 |
| 9 | 0.25 | 128 | 32.0 | 18.0 | 7.30 | 11.4 | YES | 392 |
| 10 | 0.34 | 176 | 59.8 | 17.0 | 7.40 | 12.8 | YES | 396 |
| 11 | 0.39 | 198 | 77.2 | 16.1 | 7.30 | 13.2 | YES | 396 |
| 12 | 0.52 | 262 | 136.2 | 15.6 | 7.40 | 14.4 | YES | 400 |
| 13 | 0.66 | 330 | 217.8 | 15.7 | 7.40 | 14.5 | YES | 404 |
| 14 | 0.69 | 343 | 236.7 | 15.1 | 7.40 | 15.1 | YES | 406 |
| 15 | 0.82 | 407 | 333.7 | 14.9 | 7.40 | 15.6 | YES | 406 |
| 16 | 0.57 | 295 | 168.2 | 15.9 | 7.40 | 14.2 | YES | 390 |
| 17 | 0.64 | 316 | 202.2 | 15.5 | 7.40 | 14.7 | YES | 409 |
| 18 | 0.75 | 385 | 288.8 | 15.5 | 7.40 | 14.9 | YES | 393 |
| 19 | 0.63 | 312 | 196.6 | 16.1 | 7.40 | 14.1 | YES | 407 |
| 20 | 0.71 | 356 | 252.8 | 16.1 | 7.40 | 14.2 | YES | 402 |
| 21 | 0.87 | 444 | 386.3 | 14.1 | 7.50 | 17.2 | YES | 395 |
| 22 | 0.75 | 378 | 283.5 | 14.1 | 7.50 | 16.9 | YES | 400 |
| 23 | 0.63 | 328 | 206.6 | 13.9 | 7.50 | 16.9 | YES | 387 |
| 24 | 0.52 | 270 | 140.4 | 10.9 | 7.50 | 20.5 | YES | 388 |
| 25 | 0.52 | 274 | 142.5 | 17.4 | 7.30 | 12.3 | YES | 383 |
| 26 | 0.51 | 256 | 130.6 | 15.9 | 7.50 | 14.6 | YES | 401 |
| 27 | 0.37 | 188 | 69.6 | 16.3 | 7.40 | 13.5 | YES | 396 |
| 28 | 0.53 | 277 | 146.8 | 15.7 | 7.40 | 14.3 | YES | 386 |
| 29 | 0.62 | 315 | 195.3 | 15.7 | 7.40 | 14.4 | YES | 397 |
| 30 | 0.49 | 255 | 125.0 | 16.0 | 7.40 | 13.9 | YES | 387 |
| 31 | | | | | | | | |

[2] If Cl2 at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised 3/29/24

**Return by 10th of following month by email, fax, or mail to:**

dwp.dmce@odhsoha.oregon.gov; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350