## OHA - Drinking Water Services - Surface Water Quality Data Form

**Cartridge or Bag Filtration**

County: Grant

Month/Year: Nov-24

System Name: Monument, City of ID#: 41 00541 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 | 0.00 | 0.00 | 0.00 | 25 | 0.31 | 0.31 |
| 2 | 12.00 | 8.00 | 4.00 | 25 | 0.20 | 0.20 |
| 3 | 0.00 | 0.00 | 0.00 | 25 | 0.18 | 0.18 |
| 4 | 14.00 | 8.00 | 6.00 | 25 | 0.18 | 0.18 |
| 5 | 0.00 | 0.00 | 0.00 | 25 | 0.19 | 0.19 |
| 6 | 16.00 | 8.00 | 8.00 | 25 | 0.30 | 0.30 |
| 7 | 0.00 | 0.00 | 0.00 | 25 | 0.22 | 0.22 |
| 8 | 0.00 | 0.00 | 0.00 | 25 | 0.28 | 0.28 |
| 9 | 0.00 | 0.00 | 0.00 | 25 | 0.16 | 0.16 |
| 10 | 20.00 | 8.00 | 12.00 | 25 | 0.17 | 0.17 |
| 11 | 0.00 | 0.00 | 0.00 | 25 | 0.17 | 0.17 |
| 12 | 22.00 | 8.00 | 14.00 | 25 | 0.28 | 0.28 |
| 13 | 0.00 | 0.00 | 0.00 | 25 | 0.16 | 0.16 |
| 14 | 0.00 | 0.00 | 0.00 | 25 | 0.19 | 0.19 |
| 15 | 0.00 | 0.00 | 0.00 | 25 | 0.20 | 0.20 |
| 16 | 0.00 | 0.00 | 0.00 | 25 | 0.19 | 0.19 |
| 17 | 0.00 | 0.00 | 0.00 | 25 | 0.23 | 0.23 |
| 18 | 0.00 | 0.00 | 0.00 | 25 | 0.20 | 0.20 |
| 19 | 0.00 | 0.00 | 0.00 | 25 | 0.16 | 0.16 |
| 20 | 0.00 | 0.00 | 0.00 | 25 | 0.19 | 0.19 |
| 21 | 40.00 | 8.00 | 32.00 | 25 | 0.15 | 0.15 |
| 22 | 0.00 | 0.00 | 0.00 | 25 | 0.16 | 0.16 |
| 23 | 0.00 | 0.00 | 0.00 | 25 | 0.30 | 0.30 |
| 24 | 0.00 | 0.00 | 0.00 | 25 | 0.30 | 0.30 |
| 25 | 0.00 | 0.00 | 0.00 | 25 | 0.18 | 0.18 |
| 26 | 0.00 | 0.00 | 0.00 | 25 | 0.21 | 0.21 |
| 27 | 30.00 | 8.00 | 22.00 | 25 | 0.21 | 0.21 |
| 28 | 0.00 | 0.00 | 0.00 | 25 | 0.22 | 0.22 |
| 29 | 0.00 | 0.00 | 0.00 | 25 | 0.27 | 0.27 |
| 30 | 40.00 | 8.00 | 32.00 | 25 | 0.24 | 0.24 |
| 31 | 0.00 | 0.00 | 0.00 | 25 | 0.23 | 0.23 |

| 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: Pat Goodwin S

SIGNATURE: Pat G DATE: 1-6-25

PHONE #: 541/4082437 CERT #: C9045

[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: | Monument, City of | ID#: | 41 00541 | Month/Ye | Dec-24 | Disinfection *Giardia* Log Inactiv: | 0.5 |
|---|---|---|---|---|---|---|---|

$CT_{actual} = C_{well}(53\ min.) + C_{reservoir}(69\ min.)$

| Date | $Cl_2$ Residual before filters ($C_{well}$) | $Cl_2$ Residual at res. outlet ($C_{reservoir}$) [2] | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? [2] | Peak Hourly Demand Flow |
|---|---|---|---|---|---|---|---|---|---|
| | [ppm or mg/L] | [ppm or mg/L] | [minutes] | formula | [° C] | | formula | Yes / No | [GPM] |
| 1 | 0.1 | 0.8 | 53/69 | 60.5 | 14.0 | 6.70 | 12.7 | YES | NA |
| 2 | 0.2 | 0.8 | 53/69 | 65.8 | 13.0 | 6.90 | 13.7 | YES | 21 |
| 3 | 0.2 | 0.8 | 53/69 | 65.8 | 13.0 | 7.00 | 14.2 | YES | 25 |
| 4 | 0.2 | 0.7 | 53/69 | 58.9 | 14.0 | 7.10 | 13.8 | YES | 19 |
| 5 | 0.2 | 0.8 | 53/69 | 65.8 | 13.0 | 7.10 | 14.7 | YES | NA |
| 6 | 0.2 | 1 | 53/69 | 79.6 | 13.0 | 7.00 | 14.2 | YES | 20 |
| 7 | 0.1 | 0.8 | 53/69 | 60.5 | 13.0 | 7.10 | 14.6 | YES | NA |
| 8 | 0.1 | 0.7 | 53/69 | 53.6 | 14.0 | 7.00 | 13.1 | YES | NA |
| 9 | 0.1 | 0.7 | 53/69 | 53.6 | 13.0 | 7.10 | 14.6 | YES | 18 |
| 10 | 0.1 | 0.8 | 53/69 | 60.5 | 11.0 | 7.00 | 16.4 | YES | 30 |
| 11 | 0.2 | 0.9 | 53/69 | 72.7 | 11.0 | 7.00 | 16.6 | YES | 16 |
| 12 | 0.1 | 0.6 | 53/69 | 46.7 | 11.0 | 6.90 | 15.8 | YES | NA |
| 13 | 0.1 | 0.7 | 53/69 | 53.6 | 11.0 | 7.10 | 17.0 | YES | NA |
| 14 | 0.1 | 0.6 | 53/69 | 46.7 | 13.0 | 6.90 | 13.5 | YES | 26 |
| 15 | 0.1 | 0.8 | 53/69 | 60.5 | 14.0 | 6.90 | 12.7 | YES | 19 |
| 16 | 0.2 | 0.9 | 53/69 | 72.7 | 13.0 | 7.00 | 14.2 | YES | NA |
| 17 | 0.2 | 0.9 | 53/69 | 72.7 | 13.0 | 6.90 | 13.7 | YES | 23 |
| 18 | 0.2 | 1 | 53/69 | 79.6 | 13.0 | 7.00 | 14.2 | YES | 20 |
| 19 | 0.2 | 0.9 | 53/69 | 72.7 | 14.0 | 7.00 | 13.3 | YES | NA |
| 20 | 0.2 | 0.9 | 53/69 | 72.7 | 13.0 | 7.10 | 14.7 | YES | 18 |
| 21 | 0.1 | 0.7 | 53/69 | 53.6 | 14.0 | 6.90 | 12.7 | YES | NA |
| 22 | 0.1 | 0.7 | 53/69 | 53.6 | 13.0 | 6.90 | 13.5 | YES | NA |
| 23 | 0.2 | 0.8 | 53/69 | 65.8 | 13.0 | 6.90 | 13.7 | YES | 20 |
| 24 | 0.2 | 0.7 | 53/69 | 58.9 | 14.0 | 6.90 | 12.8 | YES | 18 |
| 25 | 0.2 | 0.9 | 53/69 | 72.7 | 14.0 | 7.20 | 14.3 | YES | NA |
| 26 | 0.2 | 0.7 | 53/69 | 58.9 | 13.0 | 7.00 | 14.2 | YES | NA |
| 27 | 0.2 | 0.9 | 53/69 | 72.7 | 14.0 | 7.10 | 13.8 | YES | 24 |
| 28 | 0.1 | 0.7 | 53/69 | 53.6 | 14.0 | 7.10 | 13.6 | YES | NA |
| 29 | 0.1 | 0.6 | 53/69 | 46.7 | 13.0 | 6.90 | 13.5 | YES | NA |
| 30 | 0.1 | 0.6 | 53/69 | 46.7 | 13.0 | 6.90 | 13.5 | YES | NA |
| 31 | 0.2 | 0.7 | 53/69 | 58.9 | 13.0 | 7.00 | 14.2 | YES | NA |

[2] If $Cl_2$ at entry point < 0.2 mg/l or CT not met, notify D 0

Revised Aug. 24, 2022

**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