

OHA - Drinking Water Program - Surface Water Quality Data Form

County: **Columbia**

Cartridge or Bag Filtration

Month/Year: **Oct. 21**

System Name: **PGE - BEAVER GENERATING STATION** ID#: **41 05246** 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 <sup>1</sup> [NTU] |
|-----|-------------------|------------------|------|----------------------------|-------------------------------|---|
| 1   | 31.00             | 30.00            | 1.00 |                            | 0.07                          | 0.121   |
| 2   | 31.00             | 30.00            | 1.00 |                            | 0.08                          | 0.135   |
| 3   | 31.00             | 30.00            | 1.00 |                            | 0.07                          | 0.124   |
| 4   | 31.00             | 30.00            | 1.00 |                            | 0.08                          | 0.164   |
| 5   | 29.00             | 28.00            | 1.00 |                            | 0.06                          | 0.324   |
| 6   | 30.00             | 28.00            | 2.00 |                            | 0.07                          | 0.277   |
| 7   | 31.00             | 30.00            | 1.00 |                            | 0.07                          | 0.219   |
| 8   | 32.00             | 30.00            | 2.00 |                            | 0.07                          | 0.263   |
| 9   | 32.00             | 30.00            | 2.00 |                            | 0.06                          | 0.271   |
| 10  | 32.00             | 30.00            | 2.00 |                            | 0.06                          | 0.264   |
| 11  | 31.00             | 30.00            | 1.00 |                            | 0.08                          | 0.216   |
| 12  | 32.00             | 29.00            | 3.00 |                            | 0.06                          | 0.101   |
| 13  | 32.00             | 29.00            | 3.00 |                            | 0.07                          | 0.212   |
| 14  | 30.00             | 28.00            | 2.00 |                            | 0.08                          | 0.211   |
| 15  | 30.00             | 28.00            | 2.00 |                            | 0.06                          | 0.315   |
| 16  | 30.00             | 29.00            | 1.00 |                            | 0.08                          | 0.28  |
| 17  | 30.00             | 28.00            | 2.00 |                            | 0.08                          | 0.422   |
| 18  | 31.00             | 30.00            | 1.00 |                            | 0.08                          | 0.35  |
| 19  | 31.00             | 29.00            | 2.00 |                            | 0.06                          | 0.345   |
| 20  | 31.00             | 30.00            | 1.00 |                            | 0.14                          | 0.189   |
| 21  | 32.00             | 31.00            | 1.00 |                            | 0.07                          | 0.198   |
| 22  | 32.00             | 30.00            | 2.00 |                            | 0.06                          | 0.189   |
| 23  | 31.00             | 30.00            | 1.00 |                            | 0.07                          | 0.338   |
| 24  | 31.00             | 30.00            | 1.00 |                            | 0.08                          | 0.269   |
| 25  | 31.00             | 30.00            | 1.00 |                            | 0.06                          | 0.259   |
| 26  | 31.00             | 30.00            | 1.00 |                            | 0.16                          | 0.412   |
| 27  | 31.00             | 30.00            | 1.00 |                            | 0.06                          | 0.217   |
| 28  | 31.00             | 30.00            | 1.00 |                            | 0.03                          | 0.176   |
| 29  | 31.00             | 30.00            | 1.00 |                            | 0.05                          | 0.223   |
| 30  | 31.00             | 30.00            | 1.00 |                            | 0.04                          | 0.208   |
| 31  | 31.00             | 30.00            | 1.00 |                            | 0.05                          | 0.19  |

|  |   |   |
|--|---|---|
| <b>Cartridge &amp; Bag Filtration</b>  | <b>Monthly Summary (Answer Yes or No)</b>   |   |
| 95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No | CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No | All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No |
| All daily turbidity readings ≤ 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No    |   |   |

|  |                                  |                                 |
|--|----------------------------------|---------------------------------|
| Notes: PSI = pounds per square inch<br>PSID = pounds per square inch difference (before filter - after filter)<br>PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter, at what PSID. | PRINTED NAME: <b>Neal Conley</b> |                                 |
|  | SIGNATURE: <i>Neal Conley</i>    | <b>11/4/2021</b>                |
|  | PHONE #: <b>(503)728-7256</b>    | CERT#: <b>T425323 /D-425323</b> |

<sup>1</sup> Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in Daily Turbidity Reading column may not

correspond to continuous readings' maximum.

Oregon Health Authority, Drinking Water Services

Monthly UV Disinfection Report for Surface Water Systems Requiring 4-log Viral Inactivation

System Name:

PGE - BEAVER GENERATING STATION

ID#: 41

05246

Month/Year:

Oct. 21

Entry Point

Required Minimum Dosage 186 mJ/cm<sup>2</sup>

| Day | Time | Source(s) in Use | Uninterrupted UV Operation? (i.e., No Alarms = Yes) | Notes |
|-----|------|------------------|---|-------|
| 1   | 5:55 | Entry Point A    | YES   |       |
| 2   | 6:00 | Entry Point A    | YES   |       |
| 3   | 6:30 | Entry Point A    | YES   |       |
| 4   | 6:45 | Entry Point A    | YES   |       |
| 5   | 5:20 | Entry Point A    | YES   |       |
| 6   | 5:35 | Entry Point A    | YES   |       |
| 7   | 6:25 | Entry Point A    | YES   |       |
| 8   | 8:20 | Entry Point A    | YES   |       |
| 9   | 5:35 | Entry Point A    | YES   |       |
| 10  | 6:35 | Entry Point A    | YES   |       |
| 11  | 6:10 | Entry Point A    | YES   |       |
| 12  | 8:15 | Entry Point A    | YES   |       |
| 13  | 5:50 | Entry Point A    | YES   |       |
| 14  | 7:20 | Entry Point A    | YES   |       |
| 15  | 7:55 | Entry Point A    | YES   |       |
| 16  | 7:30 | Entry Point A    | YES   |       |
| 17  | 5:55 | Entry Point A    | YES   |       |
| 18  | 6:50 | Entry Point A    | YES   |       |
| 19  | 6:45 | Entry Point A    | YES   |       |
| 20  | 6:50 | Entry Point A    | YES   |       |
| 21  | 6:10 | Entry Point A    | YES   |       |
| 22  | 5:25 | Entry Point A    | YES   |       |
| 23  | 5:45 | Entry Point A    | YES   |       |
| 24  | 5:30 | Entry Point A    | YES   |       |
| 25  | 6:55 | Entry Point A    | YES   |       |
| 26  | 7:30 | Entry Point A    | YES   |       |
| 27  | 7:35 | Entry Point A    | YES   |       |
| 28  | 6:45 | Entry Point A    | YES   |       |
| 29  | 6:20 | Entry Point A    | YES   |       |
| 30  | 6:55 | Entry Point A    | YES   |       |
| 31  | 5:20 | Entry Point A    | YES   |       |

If answered no above, what was the longest time period until UV operation was restored? \_\_\_\_\_ hrs

If UV stopped working during water production, was DWS contacted?

Was a boil notice (Tier 1 Public Notice) issued?

If not, please explain:

|   |  |
|---|--|
| Date & time UV reactor failed:<br>/ / : : | Date & time it was returned to service:<br>/ / : : |
|---|--|