

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Aug-24

System Name: Lake Selmac - Osprey ID#: 41 WTP ID: 90186 TP-

| 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 | 60 | 40 | 20 | 20 | 0.055 | 0.055 |
| 2 | 40 | 40 | 0 | 20 | 0.061 | 0.061 |
| 3 | 40 | 40 | 0 | 20 | 0.060 | 0.060 |
| 4 | 45 | 40 | 5 | 20 | 0.057 | 0.057 |
| 5 | 45 | 40 | 5 | 20 | 0.059 | 0.059 |
| 6 | 45 | 40 | 5 | 20 | 0.060 | 0.060 |
| 7 | 45 | 40 | 5 | 20 | 0.068 | 0.068 |
| 8 | 50 | 40 | 10 | 20 | 0.068 | 0.068 |
| 9 | 50 | 40 | 10 | 20 | 0.068 | 0.068 |
| 10 | 50 | 40 | 10 | 20 | 0.065 | 0.065 |
| 11 | 55 | 40 | 15 | 20 | 0.062 | 0.062 |
| 12 | 55 | 40 | 15 | 20 | 0.068 | 0.068 |
| 13 | 60 | 40 | 20 | 20 | 0.060 | 0.060 |
| 14 | 40 | 40 | 0 | 20 | 0.055 | 0.055 |
| 15 | 40 | 40 | 0 | 20 | 0.068 | 0.068 |
| 16 | 40 | 40 | 0 | 20 | 0.057 | 0.057 |
| 17 | 40 | 40 | 0 | 20 | 0.058 | 0.058 |
| 18 | 45 | 40 | 5 | 20 | 0.059 | 0.059 |
| 19 | 45 | 40 | 5 | 20 | 0.062 | 0.062 |
| 20 | 45 | 40 | 5 | 20 | 0.063 | 0.063 |
| 21 | 45 | 40 | 5 | 20 | 0.069 | 0.069 |
| 22 | 45 | 40 | 5 | 20 | 0.071 | 0.071 |
| 23 | 50 | 40 | 10 | 20 | 0.070 | 0.070 |
| 24 | 50 | 40 | 10 | 20 | 0.069 | 0.069 |
| 25 | 50 | 40 | 10 | 20 | 0.058 | 0.058 |
| 26 | 55 | 40 | 15 | 20 | 0.059 | 0.059 |
| 27 | 55 | 40 | 15 | 20 | 0.069 | 0.069 |
| 28 | 55 | 40 | 15 | 20 | 0.068 | 0.068 |
| 29 | 60 | 40 | 20 | 20 | 0.071 | 0.071 |
| 30 | 40 | 40 | 0 | 20 | 0.064 | 0.064 |
| 31 | 40 | 40 | 0 | 20 | 0.064 | 0.064 |

| | | | |
|--|------------|----------------------------------|---|
| Cartridge & Bag Filtration | | | |
| 95% of daily turbidity readings ≤ 1 NTU? | Yes | CT's met everyday? (see back) | All Cl2 residual at entry point ≥ 0.2 mg/l? |
| All daily turbidity readings ≤ 5 NTU? | Yes | YES | YES |

| | | |
|---|-------------------------|---------------------|
| 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: | |
| | SIGNATURE: | DATE: |
| | PHONE #: () | CERT #: 2379 |

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-: 90186

| | | | | | | |
|---------------------|-----------------------------|----------------|--------------------|---------------|---|----------|
| System Name: | Lake Selmac - Osprey | ID#: 41 | Month/Year: | Aug-24 | Disinfection <i>Giardia</i> Log Inactiv: | 1 |
|---------------------|-----------------------------|----------------|--------------------|---------------|---|----------|

| 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 | 2.1 | 40 | 84.0 | 24.0 | 7.2 | 18.2 | YES | 1.375 |
| 2 | 2.2 | 40 | 88.0 | 24.0 | 7.2 | 18.4 | YES | 3.666667 |
| 3 | 2.0 | 40 | 80.0 | 24.0 | 7.1 | 17.3 | YES | 3.66667 |
| 4 | 1.7 | 40 | 68.0 | 24.0 | 7.2 | 17.3 | YES | 3.66667 |
| 5 | 1.5 | 40 | 60.0 | 24.0 | 7.3 | 17.6 | YES | 0.465278 |
| 6 | 1.5 | 40 | 60.0 | 23.0 | 7.5 | 20.3 | YES | 0.046528 |
| 7 | 1.6 | 40 | 64.0 | 24.0 | 7.3 | 17.8 | YES | 0.046528 |
| 8 | 1.5 | 40 | 60.0 | 24.0 | 7.3 | 17.6 | YES | 1.143056 |
| 9 | 1.5 | 40 | 60.0 | 24.0 | 7.4 | 18.3 | YES | 2.904167 |
| 10 | 1.7 | 40 | 68.0 | 24.0 | 7.4 | 18.7 | YES | 2.90417 |
| 11 | 1.9 | 40 | 76.0 | 24.0 | 7.3 | 18.4 | YES | 3.086806 |
| 12 | 2.2 | 40 | 88.0 | 24.0 | 7.3 | 19.1 | YES | 3.0861 |
| 13 | 2.5 | 40 | 100.0 | 23.0 | 7.4 | 21.9 | YES | 2.475694 |
| 14 | 2.4 | 40 | 96.0 | 22.0 | 7.3 | 22.4 | YES | 2.47569 |
| 15 | 2.6 | 40 | 104.0 | 22.0 | 7.1 | 21.2 | YES | 0.760417 |
| 16 | 2.3 | 40 | 92.0 | 22.0 | 7.3 | 22.1 | YES | 0.76042 |
| 17 | 1.7 | 40 | 68.0 | 21.0 | 7.4 | 22.9 | YES | 1.020833 |
| 18 | 1.6 | 40 | 64.0 | 20.0 | 7.5 | 25.1 | YES | 1.02083 |
| 19 | 1.8 | 40 | 72.0 | 20.0 | 7.5 | 25.7 | YES | 0.284722 |
| 20 | 1.8 | 40 | 72.0 | 20.0 | 7.4 | 24.8 | YES | 0.423611 |
| 21 | 1.5 | 40 | 60.0 | 19.0 | 7.3 | 24.7 | YES | 0.042361 |
| 22 | 1.7 | 40 | 68.0 | 20.0 | 7.2 | 22.7 | YES | 0.256944 |
| 23 | 1.6 | 40 | 64.0 | 20.0 | 7.3 | 23.3 | YES | 0.25694 |
| 24 | 1.8 | 40 | 72.0 | 20.0 | 7.2 | 23.0 | YES | 0.53125 |
| 25 | 1.8 | 40 | 72.0 | 19.0 | 7.2 | 24.6 | YES | 0.53125 |
| 26 | 1.9 | 40 | 76.0 | 19.0 | 7.5 | 27.8 | YES | 0.354167 |
| 27 | 1.6 | 40 | 64.0 | 19.0 | 7.5 | 26.9 | YES | 0.35417 |
| 28 | 1.7 | 40 | 68.0 | 19.0 | 7.3 | 25.2 | YES | 0.25417 |
| 29 | 1.8 | 40 | 72.0 | 20.0 | 7.5 | 25.7 | YES | 0.743056 |
| 30 | 1.6 | 40 | 64.0 | 20.0 | 7.5 | 25.1 | YES | 0.74306 |
| 31 | 1.5 | 40 | 60.0 | 20.0 | 7.3 | 23.1 | YES | 0.74306 |

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

Revised November 2022

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

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