

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: May-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 | 55 | 40 | 15 | 20 | 0.062 | 0.062 |
| 2 | 55 | 40 | 15 | 20 | 0.061 | 0.061 |
| 3 | 55 | 40 | 15 | 20 | 0.061 | 0.061 |
| 4 | 55 | 40 | 15 | 20 | 0.063 | 0.063 |
| 5 | 55 | 40 | 15 | 20 | 0.062 | 0.062 |
| 6 | 55 | 40 | 15 | 20 | 0.068 | 0.068 |
| 7 | 55 | 40 | 15 | 20 | 0.061 | 0.061 |
| 8 | 55 | 40 | 15 | 20 | 0.064 | 0.064 |
| 9 | 55 | 40 | 15 | 20 | 0.068 | 0.068 |
| 10 | 55 | 40 | 15 | 20 | 0.065 | 0.065 |
| 11 | 55 | 40 | 15 | 20 | 0.069 | 0.069 |
| 12 | 55 | 40 | 15 | 20 | 0.067 | 0.067 |
| 13 | 55 | 40 | 15 | 20 | 0.070 | 0.070 |
| 14 | 55 | 40 | 15 | 20 | 0.065 | 0.065 |
| 15 | 55 | 40 | 15 | 20 | 0.062 | 0.062 |
| 16 | 55 | 40 | 15 | 20 | 0.066 | 0.066 |
| 17 | 40 | 40 | 0 | 20 | 0.067 | 0.067 |
| 18 | 40 | 40 | 0 | 20 | 0.064 | 0.064 |
| 19 | 40 | 40 | 0 | 20 | 0.069 | 0.069 |
| 20 | 40 | 40 | 0 | 20 | 0.071 | 0.071 |
| 21 | 40 | 40 | 0 | 20 | 0.066 | 0.066 |
| 22 | 40 | 40 | 0 | 20 | 0.068 | 0.068 |
| 23 | 40 | 40 | 0 | 20 | 0.064 | 0.064 |
| 24 | 40 | 40 | 0 | 20 | 0.066 | 0.066 |
| 25 | 40 | 40 | 0 | 20 | 0.074 | 0.074 |
| 26 | 40 | 40 | 0 | 20 | 0.063 | 0.063 |
| 27 | 40 | 40 | 0 | 20 | 0.074 | 0.074 |
| 28 | 40 | 40 | 0 | 20 | 0.065 | 0.065 |
| 29 | 40 | 40 | 0 | 20 | 0.067 | 0.067 |
| 30 | 40 | 40 | 0 | 20 | 0.063 | 0.063 |
| 31 | 40 | 40 | 0 | 20 | 0.065 | 0.065 |

| | | | |
|--|------------|----------------------------------|---|
| 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: | May-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 | 2.5 | 40 | 100.0 | 10.5 | 7.2 | 47.4 | YES | 0.546296 |
| 2 | 3.0 | 40 | 120.0 | 13.1 | 7.4 | 45.0 | YES | 0.546296 |
| 3 | 2.8 | 40 | 112.0 | 14.0 | 7.6 | 44.6 | YES | 0.546296 |
| 4 | 2.7 | 40 | 108.0 | 14.0 | 7.5 | 42.5 | YES | 0.349537 |
| 5 | 2.8 | 40 | 112.0 | 12.0 | 7.3 | 46.0 | YES | 0.349537 |
| 6 | 2.7 | 40 | 108.0 | 12.0 | 7.5 | 48.8 | YES | 0.349537 |
| 7 | 2.6 | 40 | 104.0 | 11.3 | 7.5 | 50.6 | YES | 0.385417 |
| 8 | 2.8 | 40 | 112.0 | 12.5 | 7.7 | 51.1 | YES | 0.385417 |
| 9 | 2.3 | 40 | 92.0 | 12.9 | 7.4 | 42.1 | YES | 0.385417 |
| 10 | 2.6 | 40 | 104.0 | 14.0 | 7.7 | 45.2 | YES | 0.385417 |
| 11 | 2.9 | 40 | 116.0 | 14.7 | 7.5 | 41.5 | YES | 1.224537 |
| 12 | 2.7 | 40 | 108.0 | 14.0 | 7.2 | 38.0 | YES | 1.224537 |
| 13 | 2.7 | 40 | 108.0 | 15.0 | 7.2 | 35.6 | YES | 1.224537 |
| 14 | 2.5 | 40 | 100.0 | 17.9 | 7.4 | 30.9 | YES | 0.44213 |
| 15 | 2.8 | 40 | 112.0 | 17.7 | 7.8 | 37.6 | YES | 0.44213 |
| 16 | 2.6 | 40 | 104.0 | 18.3 | 7.6 | 32.8 | YES | 0.44213 |
| 17 | 2.0 | 40 | 80.0 | 17.1 | 7.2 | 28.6 | YES | 0.578704 |
| 18 | 2.2 | 40 | 88.0 | 17.5 | 7.4 | 30.7 | YES | 0.578704 |
| 19 | 2.2 | 40 | 88.0 | 17.0 | 7.3 | 30.5 | YES | 0.578704 |
| 20 | 2.2 | 40 | 88.0 | 16.0 | 7.3 | 32.7 | YES | 0.958333 |
| 21 | 2.0 | 40 | 80.0 | 15.1 | 7.2 | 32.7 | YES | 0.958333 |
| 22 | 2.3 | 40 | 92.0 | 15.4 | 7.4 | 35.7 | YES | 1.131944 |
| 23 | 1.9 | 40 | 76.0 | 16.2 | 7.4 | 32.3 | YES | 1.131944 |
| 24 | 1.6 | 40 | 64.0 | 16.5 | 7.6 | 33.0 | YES | 0.621528 |
| 25 | 2.0 | 40 | 80.0 | 17.4 | 7.4 | 30.2 | YES | 0.621528 |
| 26 | 1.7 | 40 | 68.0 | 18.0 | 7.0 | 24.1 | YES | 0.621528 |
| 27 | 1.8 | 40 | 72.0 | 17.0 | 7.1 | 27.1 | YES | 0.621528 |
| 28 | 1.7 | 40 | 68.0 | 16.4 | 7.0 | 26.9 | YES | 0.243056 |
| 29 | 1.9 | 40 | 76.0 | 16.7 | 7.3 | 30.1 | YES | 0.243056 |
| 30 | 1.9 | 40 | 76.0 | 16.4 | 7.1 | 28.5 | YES | 0.243056 |
| 31 | 1.8 | 40 | 72.0 | 17.1 | 7.3 | 29.0 | YES | 0.243056 |

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

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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