

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Sep-23

System Name: Lake Selmac - Keller's Landing ID#: 41 WTP ID: 94645 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 | 60 | 0 | 25 | 0.068 | 0.068 |
| 2 | 60 | 60 | 0 | 25 | 0.056 | 0.056 |
| 3 | 55 | 55 | 0 | 25 | 0.051 | 0.051 |
| 4 | 60 | 60 | 0 | 25 | 0.060 | 0.060 |
| 5 | 60 | 60 | 0 | 25 | 0.050 | 0.050 |
| 6 | 57 | 57 | 0 | 25 | 0.057 | 0.057 |
| 7 | 60 | 60 | 0 | 25 | 0.060 | 0.060 |
| 8 | 56 | 56 | 0 | 25 | 0.091 | 0.091 |
| 9 | 59 | 59 | 0 | 25 | 0.068 | 0.068 |
| 10 | 55 | 55 | 0 | 25 | 0.087 | 0.087 |
| 11 | 56 | 56 | 0 | 25 | 0.087 | 0.087 |
| 12 | 57 | 57 | 0 | 25 | 0.189 | 0.189 |
| 13 | 57 | 57 | 0 | 25 | 0.093 | 0.093 |
| 14 | 60 | 60 | 0 | 25 | 0.093 | 0.093 |
| 15 | 58 | 58 | 0 | 25 | 0.097 | 0.097 |
| 16 | 60 | 60 | 0 | 25 | 0.091 | 0.091 |
| 17 | 55 | 55 | 0 | 25 | 0.091 | 0.091 |
| 18 | 55 | 55 | 0 | 25 | 0.084 | 0.084 |
| 19 | 57 | 57 | 0 | 25 | 0.123 | 0.123 |
| 20 | 55 | 55 | 0 | 25 | 0.084 | 0.084 |
| 21 | 55 | 55 | 0 | 25 | 0.094 | 0.094 |
| 22 | 56 | 56 | 0 | 25 | 0.094 | 0.094 |
| 23 | 55 | 55 | 0 | 25 | 0.102 | 0.102 |
| 24 | 56 | 56 | 0 | 25 | 0.102 | 0.102 |
| 25 | 55 | 55 | 0 | 25 | 0.107 | 0.107 |
| 26 | 55 | 55 | 0 | 25 | 0.098 | 0.098 |
| 27 | 55 | 55 | 0 | 25 | 0.112 | 0.112 |
| 28 | 55 | 55 | 0 | 25 | 0.099 | 0.099 |
| 29 | 55 | 55 | 0 | 25 | 0.113 | 0.113 |
| 30 | 55 | 55 | 0 | 25 | 0.103 | 0.103 |
| 31 | | | | | | |

| Cartridge & Bag Filtration | Monthly Summary (Answer Yes or No) | |
|--|------------------------------------|---|
| 95% of daily turbidity readings ≤ 1 NTU? | Yes | CT's met everyday? (see back) |
| All daily turbidity readings ≤ 5 NTU? | Yes | All Cl2 residual at entry point ≥ 0.2 mg/l? |
| | | 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-: 94645

| | | | | |
|--|----------------|---------------------------|--|------------|
| System Name: Lake Selmac - Keller's Landing | ID#: 41 | Month/Year: Sep-23 | 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 | 1.4 | 136.318408 | 190.8 | 21.9 | 7.6 | 11.2 | YES | 4.02 |
| 2 | 2.1 | 156.5714286 | 328.8 | 21.8 | 8.2 | 15.3 | YES | 3.5 |
| 3 | 1.8 | 121.7777778 | 219.2 | 21.0 | 8.1 | 15.0 | YES | 4.5 |
| 4 | 1.7 | 130.4761905 | 221.8 | 21.0 | 8.1 | 14.9 | YES | 4.2 |
| 5 | 1.7 | 121.7777778 | 207.0 | 20.0 | 7.9 | 14.8 | YES | 4.5 |
| 6 | 1.5 | 81.42644874 | 122.1 | 19.1 | 8.7 | 20.6 | YES | 6.73 |
| 7 | 2.6 | 85.625 | 222.6 | 20.3 | 8.8 | 22.3 | YES | 6.4 |
| 8 | 1.5 | 121.7777778 | 182.7 | 20.0 | 8.1 | 15.5 | YES | 4.5 |
| 9 | 1.5 | 121.7777778 | 182.7 | 19.0 | 8.0 | 16.0 | YES | 4.5 |
| 10 | 1.6 | 137 | 219.2 | 22.0 | 8.3 | 14.8 | YES | 4 |
| 11 | 2.0 | 137 | 274.0 | 20.0 | 8.4 | 18.4 | YES | 4 |
| 12 | 1.1 | 107.4509804 | 118.2 | 20.0 | 8.6 | 17.9 | YES | 5.1 |
| 13 | 1.0 | 121.7777778 | 121.8 | 21.0 | 8.4 | 15.3 | YES | 4.5 |
| 14 | 1.4 | 121.7777778 | 170.5 | 20.7 | 7.7 | 12.6 | YES | 4.5 |
| 15 | 1.1 | 116.1016949 | 127.7 | 20.3 | 7.9 | 13.5 | YES | 4.72 |
| 16 | 1.8 | 129.5508274 | 233.2 | 20.6 | 8.2 | 16.0 | YES | 4.23 |
| 17 | 1.3 | 109.6 | 142.5 | 20.0 | 8.6 | 18.3 | YES | 5 |
| 18 | 2.0 | 137 | 274.0 | 20.0 | 8.4 | 18.4 | YES | 4 |
| 19 | 2.2 | 121.7777778 | 267.9 | 19.6 | 9.1 | 25.0 | YES | 4.5 |
| 20 | 1.5 | 137 | 205.5 | 19.0 | 8.7 | 20.7 | YES | 4 |
| 21 | 1.9 | 156.5714286 | 297.5 | 18.8 | 8.9 | 23.6 | YES | 3.5 |
| 22 | 2.4 | 166.0606061 | 398.5 | 18.1 | 8.4 | 21.8 | YES | 3.3 |
| 23 | 2.4 | 152.2222222 | 365.3 | 15.4 | 8.9 | 31.3 | YES | 3.6 |
| 24 | 0.9 | 127.4418605 | 114.7 | 17.4 | 8.0 | 16.6 | YES | 4.3 |
| 25 | 1.4 | 121.7777778 | 170.5 | 18.0 | 8.1 | 17.5 | YES | 4.5 |
| 26 | 1.9 | 195.7142857 | 371.9 | 18.3 | 8.0 | 17.5 | YES | 2.8 |
| 27 | 1.7 | 156.5714286 | 266.2 | 17.9 | 7.9 | 17.0 | YES | 3.5 |
| 28 | 1.9 | 166.0606061 | 315.5 | 17.8 | 7.7 | 16.2 | YES | 3.3 |
| 29 | 1.9 | 176.7741935 | 335.9 | 17.7 | 8.7 | 23.6 | YES | 3.1 |
| 30 | 1.8 | 156.5714286 | 281.8 | 16.6 | 7.8 | 18.0 | YES | 3.5 |
| 31 | | | | | | | | - |

² If Cl2 at entry point < 0.2 mg/l or CT not met, notify

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