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

**Cartridge or Bag Filtration**

County: Josephine

Month/Year: Jan/2026

System Name: ORCA Lake Creek ID#: 41 91998 WTP ID: 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 | 40 | 26 | 14 | 10 | 0.062 | 0.131 |
| 2 | 40 | 26 | 14 | | 0.079 | 0.117 |
| 3 | 40 | 25 | 15 | | 0.077 | 0.100 |
| 4 | 40 | 25 | 15 | | 0.063 | 0.098 |
| 5 | 40 | 23 | 17 | | 0.056 | 0.092 |
| 6 | 40 | 22 | 18 | | 0.058 | 0.079 |
| 7 | 40 | 30 | 10 | | 0.069 | 0.087 |
| 8 | 40 | 30 | 10 | | 0.060 | 0.096 |
| 9 | 40 | 29 | 11 | | 0.055 | 0.101 |
| 10 | 40 | 27 | 13 | | 0.053 | 0.077 |
| 11 | 40 | 27 | 13 | | 0.057 | 0.092 |
| 12 | 40 | 26 | 14 | | 0.049 | 0.089 |
| 13 | 40 | 26 | 14 | | 0.038 | 0.080 |
| 14 | 40 | 22 | 18 | | 0.087 | 0.176 |
| 15 | 40 | 21 | 19 | | 0.047 | 0.077 |
| 16 | 40 | 29 | 11 | | 0.064 | 0.103 |
| 17 | 40 | 28 | 12 | | 0.061 | 0.076 |
| 18 | 40 | 27 | 13 | | 0.073 | 0.103 |
| 19 | 40 | 27 | 13 | | 0.037 | 0.094 |
| 20 | 40 | 25 | 15 | | 0.052 | 0.089 |
| 21 | 40 | 24 | 16 | | 0.055 | 0.095 |
| 22 | 40 | 20 | 20 | | 0.048 | 0.168 |
| 23 | 40 | 20 | 20 | | 0.051 | 0.086 |
| 24 | 40 | 19 | 21 | | 0.056 | 0.101 |
| 25 | 40 | 18 | 22 | | 0.047 | 0.089 |
| 26 | 40 | 27 | 13 | | 0.042 | 0.076 |
| 27 | 40 | 26 | 14 | | 0.040 | 0.081 |
| 28 | 40 | 23 | 17 | | 0.037 | 0.080 |
| 29 | 40 | 23 | 17 | | 0.045 | 0.078 |
| 30 | 40 | 22 | 18 | | 0.039 | 0.095 |
| 31 | 40 | 22 | 18 | | 0.060 | 0.088 |

| 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: David John

SIGNATURE: David John DATE: 2.3.26

PHONE #: (541) 592-2100 x2256 CERT #:

[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.

D-09445

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

WTP- :

System Name: ORCA Lake Creek ID#: 41 91998 Month/Year: Jan/2025 Disinfection *Giardia* 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 | 2.43 | 28 | 68.04 | 11 | 7.5 | 53 | Y | 12.92 |
| 2 | 2.40 | | 67.2 | 11 | 7.5 | 52 | Y | 12.50 |
| 3 | 2.36 | | 66.08 | 11 | 7.5 | 52 | Y | 10.63 |
| 4 | 2.30 | | 64.4 | 11 | 7.5 | 52 | Y | 10.63 |
| 5 | 2.27 | | 63.56 | 11 | 7.5 | 52 | Y | 10.42 |
| 6 | 2.21 | | 61.88 | 11 | 7.5 | 52 | Y | 10.63 |
| 7 | 2.23 | | 62.44 | 11 | 7.5 | 52 | Y | 10.42 |
| 8 | 2.28 | | 63.84 | 11 | 7.5 | 52 | Y | 11.05 |
| 9 | 2.29 | | 64.12 | 11 | 7.5 | 52 | Y | 10.84 |
| 10 | 2.33 | | 65.24 | 11 | 7.5 | 52 | Y | 10.21 |
| 11 | 2.36 | | 66.08 | 11 | 7.5 | 52 | Y | 11.67 |
| 12 | 2.40 | | 67.2 | 11 | 7.5 | 52 | Y | 11.05 |
| 13 | 2.42 | | 67.76 | 11 | 7.5 | 53 | Y | 12.50 |
| 14 | 2.49 | | 69.72 | 11 | 7.5 | 53 | Y | 11.05 |
| 15 | 2.32 | | 64.96 | 11 | 7.5 | 52 | Y | 10.42 |
| 16 | 2.24 | | 62.72 | 11 | 7.5 | 52 | Y | 6.88 |
| 17 | 2.26 | | 63.28 | 11 | 7.5 | 52 | Y | 11.67 |
| 18 | 2.28 | | 63.84 | 11 | 7.5 | 52 | Y | 9.38 |
| 19 | 2.27 | | 63.56 | 11 | 7.5 | 52 | Y | 9.99 |
| 20 | 2.24 | | 65.52 | 11 | 7.5 | 52 | Y | 10.00 |
| 21 | 2.51 | | 70.28 | 11 | 7.5 | 53 | Y | 9.17 |
| 22 | 2.70 | | 75.6 | 11 | 7.5 | 54 | Y | 9.79 |
| 23 | 2.81 | | 78.68 | 11 | 7.5 | 55 | Y | 9.58 |
| 24 | 2.89 | | 80.92 | 11 | 7.5 | 55 | Y | 10.21 |
| 25 | 2.95 | | 74.2 | 11 | 7.5 | 55 | Y | 9.79 |
| 26 | 3.10 | | 86.8 | 11 | 7.5 | 55 | Y | 9.59 |
| 27 | 3.14 | | 87.92 | 11 | 7.5 | 55 | Y | 11.05 |
| 28 | 3.20 | | 89.6 | 11 | 7.5 | 55 | Y | 12.30 |
| 29 | 2.94 | | 83.72 | 11 | 7.5 | 55 | Y | 8.13 |
| 30 | 2.88 | | 80.64 | 11 | 7.5 | 55 | Y | 7.71 |
| 31 | 2.81 | | 78.68 | 11 | 7.5 | 55 | Y | 7.92 |

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

Revised July 2018

**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

SOURCE NAME: LAKE CREEK

MONTH Jan YEAR 2026

TEST LOCATION CODES:

1 - INFORMATION BOOTH
2 - Chalet
3 - WATER FOUNTAIN
4 - V. C
5 - CHATEAU
6 - GUIDE HOUSE

Total: 147,000

ADDRESS: OREGON CAVES NATIONAL MONUMENT
19000 CAVES HIGHWAY
CAVE JUNCTION, OREGON 97523
1-541-592-2100

PSW ID#: 419 1998

55303900

| DAY | INITIALS | CHLORINE RESIDUAL | | TIME | TEST LOCATION | B TANK CHLORINE ADDED | CHLORINE | | METER READING | GAL USED | TURBIDITY | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4 | SYS | | | | Set. | Res. | | | RAW | FINISHED | |
| 1 | SB | 2.43 | 2 | 1100 | 2 | — | 4.5 | 2.43 | 55310100 | 6200 | 0.107 | 0.062 | — |
| 2 | SB | 2.40 | 2 | 1300 | 2 | +6gal SH | 4.5 | 2.40 | 55316100 | 6000 | 0.100 | 0.079 | — |
| 3 | SB | 2.36 | 2 | 1000 | 2 | — | 4.5 | 2.36 | 55320900 | 4800 | 0.115 | 0.077 | — |
| 4 | SB | 2.30 | 2 | 1115 | 2 | — | 4.5 | 2.30 | 55326000 | 5100 | 0.119 | 0.063 | — |
| 5 | SB | 2.27 | 2 | 1000 | 2 | — | 4.5 | 2.27 | 55331000 | 5000 | 0.108 | 0.056 | — |
| 6 | SB | 2.21 | 2 | 1030 | 2 | — | 4.5 | 2.21 | 55336100 | 5100 | 0.123 | 0.058 | — |
| 7 | SB | 2.23 | 2 | 1100 | 2 | — | 4.5 | 2.23 | 55341100 | 5000 | 0.119 | 0.069 | — |
| 8 | SB | 2.28 | 2 | 1130 | 2 | — | 4.5 | 2.28 | 55346400 | 5300 | 0.115 | 0.060 | Changed # 3, 6 |
| 9 | SB | 2.29 | 2 | 1000 | 2 | — | 4.5 | 2.29 | 55351600 | 5200 | 0.106 | 0.055 | — |
| 10 | SB | 2.33 | 2 | 1015 | 2 | — | 4.5 | 2.33 | 55356500 | 4900 | 0.113 | 0.053 | — |
| 11 | SB | 2.36 | 2 | 1000 | 2 | — | 4.5 | 2.36 | 55362100 | 5600 | 0.121 | 0.057 | — |
| 12 | SB | 2.40 | 2 | 1045 | 2 | — | 4.5 | 2.40 | 55367400 | 5300 | 0.124 | 0.049 | — |
| 13 | SB | 2.42 | 2 | 1100 | 2 | — | 4.5 | 2.42 | 55373400 | 6000 | 0.111 | 0.038 | Changed #2 |
| 14 | SB | 2.44 | 2 | 1130 | 2 | — | 4.5 | 2.44 | 55378700 | 5300 | 0.108 | 0.087 | — |
| 15 | SB | 2.32 | 2 | 1400 | 2 | — | 4.5 | 2.32 | 55383700 | 5000 | 0.113 | 0.047 | — |
| 16 | SB | 2.24 | 2 | 1100 | 2 | +2gal SH | 4.5 | 2.24 | 55387000 | 3300 | — | 0.064 | 3, 4. Raw Turb Clogged. Cleaned |
| 17 | SB | 2.26 | 2 | 1300 | 2 | — | 4.5 | 2.26 | 55392600 | 5600 | 0.130 | 0.061 | — |
| 18 | SB | 2.28 | 2 | 1100 | 2 | — | 4.5 | 2.28 | 55397100 | 4500 | 1.107 | 0.073 | — |
| 19 | SB | 2.27 | 2 | 1230 | 2 | — | 4.5 | 2.27 | 55401800 | 4700 | 0.094 | 0.037 | — |
| 20 | SB | 2.24 | 2 | 1500 | 2 | +2gal SH | 4.5 | 2.24 | 55406600 | 4800 | 0.106 | 0.052 | — |
| 21 | SB | 2.51 | 2 | 1400 | 2 | — | 4.5 | 2.51 | 55411000 | 4400 | 0.110 | 0.055 | — |
| 22 | SB | 2.70 | 2 | 1430 | 2 | +2gal 2:1 | 4.5 | 2.70 | 55415700 | 4700 | 0.118 | 0.048 | Changed #2 |
| 23 | SB | 2.81 | 2 | 1000 | 2 | — | 4.5 | 2.81 | 55420300 | 4600 | 0.122 | 0.051 | — |
| 24 | SB | 2.89 | 2 | 1100 | 2 | — | 4.5 | 2.89 | 55425200 | 4900 | 0.117 | 0.056 | — |
| 25 | SB | 2.95 | 2 | 1030 | 2 | — | 4.5 | 2.95 | 55429900 | 4700 | 0.112 | 0.047 | — |
| 26 | SB | 3.10 | 2 | 0900 | 2 | — | 4.5 | 3.10 | 55434500 | 4600 | 0.115 | 0.042 | — |
| 27 | SB | 3.14 | 2 | 1100 | 2 | — | 4.5 | 3.14 | 55439800 | 5300 | 0.119 | 0.040 | — |
| 28 | SB | 3.20 | 2 | 1330 | 2 | +10gal 1:1 | 7.0 | 3.20 | 55445700 | 5900 | 0.117 | 0.037 | Changed to Hasa mm Hi Chlor |
| 29 | SB | 2.99 | 2 | 1530 | 2 | — | 7.0 | 2.99 | 55449600 | 3900 | 0.114 | 0.045 | — |
| 30 | SB | 2.88 | 2 | 1000 | 2 | — | 7.0 | 2.88 | 55453300 | 3700 | 0.104 | 0.039 | — |
| 31 | SB | 2.81 | 2 | 1100 | 2 | — | 7.0 | 2.81 | 55457100 | 3800 | 0.105 | 0.060 | — |