

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Jefferson

Cartridge or Bag Filtration

Month/Year: 7/2022

| 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 | 24 | 12 | 12 | 15.00 | 0.10 | |
| 2 | ↑ | | | ↑ | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | off | | | off | | |
| 6 | off | | | off | | |
| 7 | | | | | | |
| 8 | ↓ | | | ↓ | | |
| 9 | | | | | | |
| 10 | 25 | 12 | 13 | 15.00 | 0.07 | |
| 11 | ↑ | | | ↑ | | |
| 12 | | | | | | |
| 13 | off | | | off | | |
| 14 | off | | | off | | |
| 15 | | | | | | |
| 16 | ↓ | | | ↓ | | |
| 17 | | | | | | |
| 18 | 26 | 12 | 14 | 15.00 | 0.06 | |
| 19 | ↑ | | | ↑ | | |
| 20 | off | | | off | | |
| 21 | 26 | 12 | 14 | 15.00 | 0.12 | |
| 22 | ↑ | | | ↑ | | |
| 23 | off | | | off | | |
| 24 | off | | | off | | |
| 25 | 26 | 12 | 14 | 15.00 | 0.10 | |
| 26 | | | | | | |
| 27 | ↑ | | | ↑ | | |
| 28 | off | | | off | | |
| 29 | | | | | | |
| 30 | ↓ | | | ↓ | | |
| 31 | | | | | | |

Cartridge & Bag Filtration

Monthly Summary (Answer Yes or No)

95% of daily turbidity readings ≤ 1 NTU? Yes No
 All daily turbidity readings ≤ 5 NTU? Yes No

CT's met everyday? (see back) Yes No
 All Cl2 residual at entry point ≥ 0.2 mg/l? 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: Diane Whitfield

SIGNATURE: *Diane Whitfield* DATE: 8/2/22

PHONE #: (503) 853-3481 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.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP: A

System Name: Otallie Lake Resort

ID#: 41 94426

Month/Year: 7/2022

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 | 1.5 | 37.2 | 55.8 | 11°C | 7.01 | 39 | | |
| 2 | 1.5 | | | 51°F | 7.01 | | | |
| 3 | 1.5 | | | | | | | |
| 4 | 1.5 | | | | | | | |
| 5 | 1.5 | | | | | | | |
| 6 | 1.5 | | | | | | | |
| 7 | 1.5 | | | | | | | |
| 8 | 1.4 | | | | | | | |
| 9 | 1.4 | 37.2 | 52.08 | 56°F | 6.60 | | | |
| 10 | 1.4 | 37.2 | 52.08 | 14°C | 6.60 | 25 | | |
| 11 | 1.5 | | | | | | | |
| 12 | 1.6 | | | | | | | |
| 13 | 1.6 | | | | | | | |
| 14 | 1.6 | | | | | | | |
| 15 | 1.6 | | | | | | | |
| 16 | 1.5 | | | | | | | |
| 17 | 1.5 | | | 61°F | | | | |
| 18 | 1.5 | 37.2 | 55.8 | 15°C | 6.70 | 24 | | |
| 19 | 1.6 | | | | | | | |
| 20 | 1.6 | | | 58°F | | | | |
| 21 | 1.6 | 37.2 | 59.52 | 15°C | 7.02 | 27 | | |
| 22 | 1.6 | | | | | | | |
| 23 | 1.5 | | | | | | | |
| 24 | 1.5 | | | 60°F | | | | |
| 25 | 1.5 | 37.2 | 55.8 | 15°C | 6.98 | 26 | | |
| 26 | 1.5 | | | | | | | |
| 27 | 1.5 | | | | | | | |
| 28 | 1.4 | | | | | | | |
| 29 | 1.4 | | | | | | | |
| 30 | 1.4 | | | | | | | |
| 31 | 1.4 | | | | | | | |

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

Revised October 2013

$$\frac{5}{9} \left(\frac{61}{56} - 32 \right) = \frac{5}{9} \left(\frac{29}{26} \right) = 15^\circ\text{C}$$