

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Douglas

Cartridge or Bag Filtration

Month/Year: Sep-21

System Name: Loon Lake Lodge #1 ID#: 41 92122 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 | 22.00 | 0.00 | 22.00 | 30.00 | 0.81 | 0.81 |
| 2 | 22.00 | 0.00 | 22.00 | 30.00 | 0.80 | 0.80 |
| 3 | 22.00 | 0.00 | 22.00 | 30.00 | 0.80 | 0.80 |
| 4 | 23.00 | 0.00 | 23.00 | 30.00 | 0.80 | 0.80 |
| 5 | 23.00 | 0.00 | 23.00 | 30.00 | 0.79 | 0.79 |
| 6 | 23.00 | 0.00 | 23.00 | 30.00 | 0.78 | 0.78 |
| 7 | 24.00 | 0.00 | 24.00 | 30.00 | 0.79 | 0.79 |
| 8 | 24.00 | 0.00 | 24.00 | 30.00 | 0.80 | 0.80 |
| 9 | 24.00 | 0.00 | 24.00 | 30.00 | 0.80 | 0.80 |
| 10 | 26.00 | 0.00 | 26.00 | 30.00 | 0.79 | 0.79 |
| 11 | 26.00 | 0.00 | 26.00 | 30.00 | 0.78 | 0.78 |
| 12 | 26.00 | 0.00 | 26.00 | 30.00 | 0.80 | 0.80 |
| 13 | 27.00 | 0.00 | 27.00 | 30.00 | 0.81 | 0.81 |
| 14 | 0.00 | 0.00 | 0.00 | 30.00 | 0.78 | 0.78 |
| 15 | 0.00 | 0.00 | 0.00 | 30.00 | 0.77 | 0.77 |
| 16 | 0.00 | 0.00 | 0.00 | 30.00 | 0.78 | 0.78 |
| 17 | 5.00 | 0.00 | 5.00 | 30.00 | 0.80 | 0.80 |
| 18 | 5.00 | 0.00 | 5.00 | 30.00 | 0.82 | 0.82 |
| 19 | 5.00 | 0.00 | 5.00 | 30.00 | 0.80 | 0.80 |
| 20 | 5.00 | 0.00 | 5.00 | 30.00 | 0.78 | 0.78 |
| 21 | 7.00 | 0.00 | 7.00 | 30.00 | 0.80 | 0.80 |
| 22 | 7.00 | 0.00 | 7.00 | 30.00 | 0.79 | 0.79 |
| 23 | 7.00 | 0.00 | 7.00 | 30.00 | 0.77 | 0.77 |
| 24 | 8.00 | 0.00 | 8.00 | 30.00 | 0.78 | 0.78 |
| 25 | 8.00 | 0.00 | 8.00 | 30.00 | 0.80 | 0.80 |
| 26 | 8.00 | 0.00 | 8.00 | 30.00 | 0.81 | 0.81 |
| 27 | 8.00 | 0.00 | 8.00 | 30.00 | 0.78 | 0.78 |
| 28 | 10.00 | 0.00 | 10.00 | 30.00 | 0.79 | 0.79 |
| 29 | 10.00 | 0.00 | 10.00 | 30.00 | 0.77 | 0.77 |
| 30 | 10.00 | 0.00 | 10.00 | 30.00 | 0.78 | 0.78 |
| 31 | | | | | | |

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

Notes: PSI = pounds per square inch
 PSID = pounds per square inch difference (before filter - after filter)

Jill Snow
 SIGNATURE: *Jill Snow* 10/10/2021

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- :

| | | | | |
|--|----------------------|---------------------------|--|------------|
| System Name: Loon Lake Lodge #1 | ID#: 41 92122 | Month/Year: Sep-21 | 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 | 2 | 11 | 22.0 | 20.9 | 7.90 | 14.4 | YES | |
| 2 | 2.2 | 11 | 24.2 | 20.8 | 8.00 | 15.4 | YES | |
| 3 | 2.2 | 11 | 24.2 | 20.9 | 8.10 | 15.8 | YES | |
| 4 | 2 | 11 | 22.0 | 21.0 | 7.90 | 14.3 | YES | |
| 5 | 2 | 11 | 22.0 | 21.2 | 8.00 | 14.6 | YES | |
| 6 | 1.8 | 11 | 19.8 | 21.3 | 8.00 | 14.2 | YES | |
| 7 | 1.8 | 11 | 19.8 | 21.5 | 8.00 | 14.0 | YES | |
| 8 | 2 | 11 | 22.0 | 21.4 | 7.90 | 13.9 | YES | |
| 9 | 2 | 11 | 22.0 | 20.9 | 7.90 | 14.4 | YES | |
| 10 | 2 | 11 | 22.0 | 20.8 | 8.00 | 15.0 | YES | |
| 11 | 2 | 11 | 22.0 | 21.2 | 8.10 | 15.2 | YES | |
| 12 | 2 | 11 | 22.0 | 21.1 | 8.20 | 15.9 | YES | |
| 13 | 1.8 | 11 | 19.8 | 20.9 | 8.10 | 15.1 | YES | |
| 14 | 1.8 | 11 | 19.8 | 20.7 | 8.10 | 15.3 | YES | |
| 15 | 2 | 11 | 22.0 | 21.1 | 7.90 | 14.2 | YES | |
| 16 | 2 | 11 | 22.0 | 21.5 | 7.90 | 13.8 | YES | |
| 17 | 2 | 11 | 22.0 | 21.2 | 8.00 | 14.6 | YES | |
| 18 | 2.2 | 11 | 24.2 | 20.9 | 8.10 | 15.8 | YES | |
| 19 | 2.2 | 11 | 24.2 | 20.7 | 8.20 | 16.7 | YES | |
| 20 | 2 | 11 | 22.0 | 20.9 | 8.10 | 15.5 | YES | |
| 21 | 2 | 11 | 22.0 | 20.9 | 8.00 | 14.9 | YES | |
| 22 | 1.8 | 11 | 19.8 | 21.5 | 7.90 | 13.5 | YES | |
| 23 | 1.8 | 11 | 19.8 | 21.3 | 7.90 | 13.7 | YES | |
| 24 | 2 | 11 | 22.0 | 21.6 | 8.10 | 14.8 | YES | |
| 25 | 2.2 | 11 | 24.2 | 21.6 | 8.10 | 15.1 | YES | |
| 26 | 2.2 | 11 | 24.2 | 21.2 | 8.00 | 15.0 | YES | |
| 27 | 2 | 11 | 22.0 | 21.4 | 8.00 | 14.4 | YES | |
| 28 | 2.2 | 11 | 24.2 | 21.5 | 7.90 | 14.1 | YES | |
| 29 | 2.2 | 11 | 24.2 | 21.4 | 7.90 | 14.2 | YES | |
| 30 | 2.2 | 11 | 24.2 | 21.1 | 8.10 | 15.6 | YES | |
| 31 | | | #VALUE! | | | #VALUE! | | |

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

Revised October 2013