

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Douglas

Cartridge or Bag Filtration

Month/Year: Jun-24

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 | 20.00 | 0.00 | 20.00 | 30.00 | 0.85 | 0.85 |
| 2 | 22.00 | 0.00 | 22.00 | 30.00 | 0.85 | 0.85 |
| 3 | 22.00 | 0.00 | 22.00 | 30.00 | 0.82 | 0.82 |
| 4 | 24.00 | 0.00 | 24.00 | 30.00 | 0.81 | 0.81 |
| 5 | 24.00 | 0.00 | 24.00 | 30.00 | 0.78 | 0.78 |
| 6 | 24.00 | 0.00 | 24.00 | 30.00 | 0.83 | 0.83 |
| 7 | 25.00 | 0.00 | 25.00 | 30.00 | 0.82 | 0.82 |
| 8 | 25.00 | 0.00 | 25.00 | 30.00 | 0.82 | 0.82 |
| 9 | 26.00 | 0.00 | 26.00 | 30.00 | 0.86 | 0.86 |
| 10 | 0.00 | 0.00 | 0.00 | 30.00 | 0.78 | 0.78 |
| 11 | 0.00 | 0.00 | 0.00 | 30.00 | 0.76 | 0.76 |
| 12 | 0.00 | 0.00 | 0.00 | 30.00 | 0.80 | 0.80 |
| 13 | 5.00 | 0.00 | 5.00 | 30.00 | 0.79 | 0.79 |
| 14 | 5.00 | 0.00 | 5.00 | 30.00 | 0.82 | 0.82 |
| 15 | 7.00 | 0.00 | 7.00 | 30.00 | 0.84 | 0.84 |
| 16 | 7.00 | 0.00 | 7.00 | 30.00 | 0.82 | 0.82 |
| 17 | 7.00 | 0.00 | 7.00 | 30.00 | 0.81 | 0.81 |
| 18 | 7.00 | 0.00 | 7.00 | 30.00 | 0.84 | 0.84 |
| 19 | 8.00 | 0.00 | 8.00 | 30.00 | 0.81 | 0.81 |
| 20 | 8.00 | 0.00 | 8.00 | 30.00 | 0.79 | 0.79 |
| 21 | 10.00 | 0.00 | 10.00 | 30.00 | 0.76 | 0.76 |
| 22 | 10.00 | 0.00 | 10.00 | 30.00 | 0.79 | 0.79 |
| 23 | 10.00 | 0.00 | 10.00 | 30.00 | 0.84 | 0.84 |
| 24 | 12.00 | 0.00 | 12.00 | 30.00 | 0.84 | 0.84 |
| 25 | 12.00 | 0.00 | 12.00 | 30.00 | 0.81 | 0.81 |
| 26 | 14.00 | 0.00 | 14.00 | 30.00 | 0.79 | 0.79 |
| 27 | 14.00 | 0.00 | 14.00 | 30.00 | 0.85 | 0.85 |
| 28 | 14.00 | 0.00 | 14.00 | 30.00 | 0.86 | 0.86 |
| 29 | 15.00 | 0.00 | 15.00 | 30.00 | 0.82 | 0.82 |
| 30 | 15.00 | 0.00 | 15.00 | 30.00 | 0.82 | 0.82 |
| 31 | | 0.00 | 0.00 | | | |

| | | | |
|--|----------|---|---|
| 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. | Jill Snow | |
| | SIGNATURE: <i>Jill Snow</i> | 7/7/2024 |
| | 541-599-2244 | 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: :

| | | | | | | | |
|---------------------|---------------------------|----------------|--------------|--------------------|---------------|--|------------|
| System Name: | Loon Lake Lodge #1 | ID#: 41 | 92122 | Month/Year: | Jun-24 | 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 | 10 | 20.0 | 21.2 | 7.10 | 10.5 | YES | 6 |
| 2 | 1.8 | 10 | 18.0 | 21.6 | 7.20 | 10.3 | YES | 6 |
| 3 | 1.8 | 10 | 18.0 | 21.4 | 7.60 | 12.2 | YES | 6 |
| 4 | 2 | 10 | 20.0 | 21.7 | 7.80 | 13.1 | YES | 6 |
| 5 | 1.8 | 10 | 18.0 | 21.9 | 8.00 | 13.6 | YES | 6 |
| 6 | 1.6 | 10 | 16.0 | 22.3 | 8.20 | 14.0 | YES | 6 |
| 7 | 1.6 | 10 | 16.0 | 22.4 | 7.90 | 12.4 | YES | 6 |
| 8 | 1.8 | 10 | 18.0 | 22.6 | 7.60 | 11.2 | YES | 6 |
| 9 | 2 | 10 | 20.0 | 22.1 | 7.30 | 10.6 | YES | 6 |
| 10 | 2 | 10 | 20.0 | 22.4 | 7.40 | 10.8 | YES | 6 |
| 11 | 1.8 | 10 | 18.0 | 22.7 | 7.70 | 11.6 | YES | 6 |
| 12 | 1.8 | 10 | 18.0 | 22.5 | 7.20 | 9.7 | YES | 6 |
| 13 | 1.8 | 10 | 18.0 | 22.8 | 7.60 | 11.1 | YES | 6 |
| 14 | 1.6 | 10 | 16.0 | 22.6 | 7.90 | 12.3 | YES | 6 |
| 15 | 1.8 | 10 | 18.0 | 22.9 | 8.20 | 13.7 | YES | 6 |
| 16 | 1.8 | 10 | 18.0 | 23.1 | 8.20 | 13.6 | YES | 6 |
| 17 | 2 | 10 | 20.0 | 23.6 | 7.80 | 11.6 | YES | 6 |
| 18 | 2 | 10 | 20.0 | 23.4 | 8.10 | 13.1 | YES | 6 |
| 19 | 2 | 10 | 20.0 | 23.1 | 7.40 | 10.3 | YES | 6 |
| 20 | 1.8 | 10 | 18.0 | 23.4 | 7.80 | 11.4 | YES | 6 |
| 21 | 1.8 | 10 | 18.0 | 23.7 | 7.80 | 11.2 | YES | 6 |
| 22 | 2 | 10 | 20.0 | 23.5 | 7.20 | 9.3 | YES | 6 |
| 23 | 1.8 | 10 | 18.0 | 23.6 | 7.60 | 10.5 | YES | 6 |
| 24 | 1.6 | 10 | 16.0 | 23.7 | 7.30 | 9.1 | YES | 6 |
| 25 | 1.6 | 10 | 16.0 | 23.4 | 7.90 | 11.6 | YES | 6 |
| 26 | 1.8 | 10 | 18.0 | 23.5 | 7.50 | 10.2 | YES | 6 |
| 27 | 1.6 | 10 | 16.0 | 23.2 | 7.80 | 11.3 | YES | 6 |
| 28 | 1.6 | 10 | 16.0 | 23.4 | 8.20 | 13.0 | YES | 6 |
| 29 | 1.8 | 10 | 18.0 | 23.7 | 8.10 | 12.5 | YES | 6 |
| 30 | 1.8 | 10 | 18.0 | 23.8 | 7.80 | 11.1 | YES | 6 |
| 31 | 0 | 10 | 0.0 | 0.0 | 0.00 | 4.2 | YES | 6 |

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