

OHA - Drinking Water Services - Surface Water Quality Data Form
Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County: **Josephine**
 Month/Year: **Dec-23**

System Name: **Siskiyou Field Institute** ID#: **41 95360** WTP : **TP - Takelma Creek**

| Day | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest Reading of the day ¹ [NTU] |
|-----|-------------|------------|------------|------------|------------|------------|---|
| 1 | | | | 0.04 | | | |
| 2 | | | | 0.04 | | | |
| 3 | | | | 0.04 | | | |
| 4 | | | | 0.04 | | | |
| 5 | | | | 0.04 | | | |
| 6 | | | | 0.04 | | | |
| 7 | | | | 0.04 | | | |
| 8 | | | | 0.04 | | | |
| 9 | | | | 0.04 | | | |
| 10 | | | | 0.04 | | | |
| 11 | | | | 0.04 | | | |
| 12 | | | | 0.04 | | | |
| 13 | | | | 0.04 | | | |
| 14 | | | | 0.06 | | | |
| 15 | | | | 0.05 | | | |
| 16 | | | | 0.05 | | | |
| 17 | | | | 0.05 | | | |
| 18 | | | | 0.05 | | | |
| 19 | | | | 0.05 | | | |
| 20 | | | | 0.05 | | | |
| 21 | | | | 0.05 | | | |
| 22 | | | | 0.05 | | | |
| 23 | | | | 0.05 | | | |
| 24 | | | | 0.05 | | | |
| 25 | | | | 0.05 | | | |
| 26 | | | | 0.05 | | | |
| 27 | | | | 0.05 | | | |
| 28 | | | | 0.09 | | | |
| 29 | | | | 0.08 | | | |
| 30 | | | | 0.08 | | | |
| 31 | | | | 0.08 | | | |

| Slow Sand/Membrane/DE Filtration/Unfiltered | Monthly Summary (Answer Yes or No) | |
|--|--|--|
| 95% of daily turbidity readings ≤ 1 NTU? ² YES | CT's met everyday? (see back) YES | All Cl ₂ residual at entry point ≥ 0.2 mg/l? YES |
| All daily turbidity readings ≤ 5 NTU? YES | | |
| Dec 4-8...Storm created erosion and obstruction on creek upstream of intake valves....Water was delivered and tank filled. System was drained, flushed and restarted. | Lillie Hazelton | |
| | LEH | 1.1.2024 |
| | 5414159788 | CERT #: |

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. ² Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- : Takelma Creek

System Name: Siskiyou Field Institute ID#: 41 95360 Month/Year: Dec.2023 Disinfection *Giardia* Log Inactiv: 0.5

| Date / Time | Minimum Cl ₂ Residual at 1st User (C) ³ [ppm or mg/L] | Contact Time (T) [minutes] | Actual CT C X T | Temp [° C] | pH | Required CT formula | CT Met? ³ Yes / No | Peak Hourly Demand Flow [GPM] |
|-------------|--|-------------------------------|--------------------|---------------|------|------------------------|----------------------------------|----------------------------------|
| 1 | 0.5 | 76.17 | 38.1 | 10.0 | 8.20 | 27.9 | YES | 3.4 |
| 2 | 0.5 | 74 | 37.0 | 10.0 | 8.20 | 27.9 | YES | 3.5 |
| 3 | 0.5 | 75.73 | 37.9 | 10.0 | 8.20 | 27.9 | YES | 3.42 |
| 4 | 0.5 | 76.62 | 38.3 | 10.0 | 8.20 | 27.9 | YES | 3.38 |
| 5 | 0.5 | 78.48 | 39.2 | 10.0 | 8.20 | 27.9 | YES | 3.3 |
| 6 | 0.5 | 78.48 | 39.2 | 10.0 | 8.20 | 27.9 | YES | 3.3 |
| 7 | 0.5 | 86.33 | 43.2 | 5.0 | 8.20 | 39.2 | YES | 3 |
| 8 | 0.5 | 86.33 | 43.2 | 5.0 | 8.20 | 39.2 | YES | 3.5 |
| 9 | 0.5 | 70 | 35.0 | 5.0 | 8.20 | 39.2 | YES | 3.7 |
| 10 | 0.5 | 74 | 37.0 | 5.0 | 8.20 | 39.2 | YES | 3.5 |
| 11 | 0.5 | 64.75 | 32.4 | 5.0 | 8.20 | 39.2 | YES | 4 |
| 12 | 0.5 | 78.48 | 39.2 | 5.0 | 8.20 | 39.2 | YES | 3.3 |
| 13 | 0.5 | 74.42 | 37.2 | 5.0 | 8.20 | 39.2 | YES | 3.48 |
| 14 | 0.5 | 74 | 37.0 | 5.0 | 8.20 | 39.2 | YES | 3.5 |
| 15 | 0.5 | 70 | 35.0 | 5.0 | 8.20 | 39.2 | YES | 3.7 |
| 16 | 0.5 | 74 | 37.0 | 5.0 | 8.20 | 39.2 | YES | 3.5 |
| 17 | 0.5 | 80.93 | 40.5 | 5.0 | 8.20 | 39.2 | YES | 3.2 |
| 18 | 0.5 | 71.94 | 36.0 | 5.0 | 8.20 | 39.2 | YES | 3.6 |
| 19 | 0.5 | 76.62 | 38.3 | 10.0 | 8.20 | 27.9 | YES | 3.38 |
| 20 | 0.5 | 74 | 37.0 | 10.0 | 8.20 | 27.9 | YES | 3.5 |
| 21 | 0.5 | 71.94 | 36.0 | 5.0 | 8.20 | 39.2 | YES | 3.6 |
| 22 | 0.5 | 80.92 | 40.5 | 5.0 | 8.20 | 39.2 | YES | 3.2 |
| 23 | 0.5 | 78.48 | 39.2 | 5.0 | 8.20 | 39.2 | YES | 3.3 |
| 24 | 0.5 | 80.93 | 40.5 | 5.0 | 8.20 | 39.2 | YES | 3.2 |
| 25 | 0.5 | 74 | 37.0 | 5.0 | 8.20 | 39.2 | YES | 3.5 |
| 26 | 0.5 | 70 | 35.0 | 5.0 | 8.20 | 39.2 | YES | 3.7 |
| 27 | 0.5 | 71.94 | 36.0 | 10.0 | 8.20 | 27.9 | YES | 3.6 |
| 28 | 0.5 | 74 | 37.0 | 15.0 | 8.20 | 20.1 | YES | 3.5 |
| 29 | 0.5 | 74.42 | 37.2 | 15.0 | 8.20 | 20.1 | YES | 3.48 |
| 30 | 0.5 | 73.57 | 36.8 | 15.0 | 8.20 | 20.1 | YES | 3.52 |
| 31 | 0.5 | 70.95 | 35.5 | 15.0 | 8.20 | 20.1 | YES | 3.65 |

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

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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