

OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Josephine Cartridge or Bag Filtration

System Name: **NPS OREGON CAVES NATL MON ID #: OR4191998** WTP: **WTP-A** Month/Year:

| DAY | PSI Before Filter | PSI After Filter | PSID | PSID When to Change Filter | Daily Turbidity Reading [NTU] | Highest Reading of the Day [NTU] |
|-----|-------------------|------------------|------|----------------------------|-------------------------------|----------------------------------|
| 1 | 41 | 32 | 9 | 25 | .720 | .780 |
| 2 | 41 | 30 | 11 | 25 | .720 | .785 |
| 3 | 41 | 26 | 15 | 25 | .720 | .250 |
| 4 | 40 | 20 | 10 | 25 | .720 | .400 |
| 5 | 41 | 25 | 16 | 25 | .721 | .525 |
| 6 | 41 | 25 | 16 | 25 | .722 | .487 |
| 7 | 41 | 32 | 9 | 25 | .722 | .630 |
| 8 | 41 | 26 | 15 | 25 | .722 | .70 |
| 9 | 41 | 26 | 15 | 25 | .722 | .75 |
| 10 | 41 | 35 | 6 | 25 | .722 | .80 |
| 11 | 41 | 35 | 6 | 25 | .722 | .925 |
| 12 | 41 | 34 | 7 | 25 | .724 | .750 |
| 13 | 41 | 31 | 10 | 25 | .724 | .725 |
| 14 | 41 | 30 | 11 | 25 | .724 | .450 |
| 15 | 41 | 34 | 7 | 25 | .724 | .525 |
| 16 | 42 | 24 | 16 | 25 | .724 | .750 |
| 17 | 42 | 35 | 7 | 25 | .724 | .425 |
| 18 | 41 | 30 | 11 | 25 | .724 | .55 |
| 19 | 41 | 28 | 13 | 25 | .724 | .52 |
| 20 | 41 | 25 | 16 | 25 | .724 | .525 |
| 21 | 41 | 31 | 10 | 25 | .724 | .485 |
| 22 | 41 | 28 | 13 | 25 | .724 | .40 |
| 23 | 41 | 26 | 15 | 25 | .724 | .505 |
| 24 | 41 | 25 | 16 | 25 | .724 | .350 |
| 25 | 41 | 31 | 10 | 25 | .724 | .40 |
| 26 | 41 | 30 | 11 | 25 | .725 | .45 |
| 27 | 41 | 27 | 14 | 25 | .726 | .45 |
| 28 | 41 | 35 | 6 | 25 | .726 | .425 |
| 29 | 41 | 32 | 9 | 25 | .726 | .385 |
| 30 | 41 | 29 | 12 | 25 | .726 | .30 |
| 31 | | | | | | |

| | | |
|---|---|---|
| Cartridge Filtration | Monthly Summary (Answer Yes or No) | |
| 95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes / No | CT's met everyday? (see back) <input checked="" type="radio"/> Yes / No | All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / No |
| All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / No | | |
| Notes: PSI = pounds per square inch PSID = pounds per square inch difference (before filter - after filter) PSID When to Change Filter = Manufacturer's recommendation; may need to look in manual for manufacturer's specifications when to change the filter, at what PSID. <div style="text-align: center; color: red; font-weight: bold;">AUG 04 2021</div> <div style="text-align: center; color: blue; font-weight: bold;">Data Mgmt & Compliance Drinking Water Program</div> | PRINTED NAME: ARAC MONTALE | DATE: 6.30.2021 |
| | SIGNATURE: | CERT #: D-09444 |
| | PHONE #: (541) 892-2100 EXT. 2755 | |

Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in "Daily Turbidity Reading" Column may not correspond to continuous readings' maximum

OHA - Drinking Water Program - Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP:- WTP-A Month/Year:

| Date / Time | Minimum Cl ₂ Residual at 1 st User (C) ² | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? ² | Peak Hourly Demand Flow |
|-------------|---|------------------|-----------|------|-----|-------------|----------------------|-------------------------|
| | [ppm or mg/L] | [minutes] | CXT | [°C] | | Use tables | Yes / No | [GPM] |
| 1 / 1100 | 1.50 | 300 | 450 | 17 | 7.7 | 30 | YES | 25 |
| 2 / 1115 | 1.00 | 300 | 300 | 17 | 7.7 | 30 | YES | 25 |
| 3 / 1215 | .75 | 300 | 225 | 13 | 7.7 | 30 | YES | 25 |
| 4 / 1245 | .80 | 300 | 240 | 13 | 7.7 | 30 | YES | 25 |
| 5 / 0900 | .75 | 300 | 225 | 13 | 7.7 | 30 | YES | 25 |
| 6 / 0900 | .75 | 300 | 225 | 13 | 7.7 | 30 | YES | 25 |
| 7 / 0900 | .75 | 290 | 225 | 13 | 7.7 | 30 | YES | 25 |
| 8 / 0900 | .75 | 300 | 225 | 13 | 7.7 | 30 | YES | 25 |
| 9 / 1015 | .50 | 300 | 150 | 13 | 7.7 | 30 | YES | 25 |
| 10 / 0900 | .50 | 300 | 150 | 13 | 7.7 | 30 | YES | 25 |
| 11 / 1030 | .50 | 300 | 150 | 13 | 7.7 | 30 | YES | 25 |
| 12 / 0900 | .50 | 300 | 150 | 13 | 7.7 | 30 | YES | 25 |
| 13 / 0900 | .50 | 300 | 150 | 13 | 7.7 | 30 | YES | 25 |
| 14 / 0900 | .50 | 300 | 150 | 13 | 7.7 | 30 | YES | 25 |
| 15 / 1030 | .50 | 300 | 150 | 13 | 7.7 | 30 | YES | 25 |
| 16 / 0930 | .75 | 300 | 225 | 13 | 7.7 | 30 | YES | 25 |
| 17 / 1000 | .75 | 300 | 225 | 13 | 7.7 | 30 | YES | 25 |
| 18 / 1030 | .50 | 300 | 150 | 13 | 7.7 | 30 | YES | 25 |
| 19 / 1030 | .75 | 300 | 225 | 13 | 7.7 | 30 | YES | 25 |
| 20 / 1030 | 1.00 | 300 | 300 | 13 | 7.7 | 30 | YES | 25 |
| 21 / 1030 | 1.50 | 300 | 450 | 13 | 7.7 | 30 | YES | 25 |
| 22 / 1100 | 1.50 | 300 | 450 | 13 | 7.7 | 30 | YES | 25 |
| 23 / 1030 | 1.50 | 300 | 450 | 13 | 7.7 | 30 | YES | 25 |
| 24 / 1030 | 1.50 | 300 | 450 | 13 | 7.7 | 30 | YES | 25 |
| 25 / 1030 | 1.50 | 300 | 450 | 13 | 7.7 | 30 | YES | 25 |
| 26 / 1030 | 1.50 | 300 | 450 | 13 | 7.7 | 30 | YES | 25 |
| 27 / 1030 | 1.50 | 300 | 450 | 13 | 7.7 | 30 | YES | 25 |
| 28 / 1100 | 1.50 | 300 | 450 | 13 | 7.7 | 30 | YES | 25 |
| 29 / 1030 | 1.50 | 300 | 450 | 13 | 7.7 | 30 | YES | 25 |
| 30 / 1030 | 1.50 | 300 | 450 | 13 | 7.7 | 30 | YES | 25 |
| 31 / | | | | | | | | |

² If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.

