

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: June/24

System Name:	Oregon Caves National Monument O&M	ID#:	4195706	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	15	5	10	.330	NA
2	20	19	1	10	.165	
3	20	18	2	10	.142	
4	20	18	2	10	.219	
5	20	16	4	10	.283	
6	20	14	6	10	.122	
7	20	15	5	10	.210	
8	20	15	5	10	.155	
9	20	17	3	10	.168	
10	20	18	2	10	.280	
11	20	16	4	10	.105	
12	20	15	5	10	.080	
13	20	15	5	10	.046	
14	20	15	5	10	.039	
15	20	15	5	10	.036	
16	20	15	5	10	.040	
17	20	15	5	10	.036	
18	20	15	5	10	.090	
19	20	14	6	10	.036	
20	20	13	7	10	0.041	
21	20	22	2	10	0.053	
22	20	22	2	10	.039	
23	20	22	2	10	.032	
24	20	22	2	10	.058	
25	20	20	0	10	.046	
26	20	20	0	10	.058	
27	20	20	0	10	.054	
28	20	18	2	10	.055	
29	20	22	2	10	.061	
30	20	20	0	10	.098	
31						

Cartridge & Bag Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU?	Yes / No <input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back)	Yes / No <input checked="" type="radio"/> Yes / <input type="radio"/> No
All daily turbidity readings ≤ 5 NTU?	Yes / No <input checked="" type="radio"/> Yes / <input type="radio"/> No	All Cl2 residual at entry point ≥ 0.2 mg/l?	Yes / No <input checked="" type="radio"/> Yes / <input type="radio"/> 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: David John SIGNATURE: <i>David John</i> PHONE #: (541) 502-2100 x2510 DATE: 7.8.24 CERT #: D-08445	

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: Oregon Caves O&M

ID#: 4195706

Month/Year: June/2024

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 0800	1.20	305	366	5.0	7.50	61	Yes	6.25
2 1100	1.0	305	305			60	Yes	7.91
3 1000	1.2	306	366			61	Yes	7.5
4 0800	1.0	305	305			60	Yes	7.70
5 0700	1.3	305	396.5			61	Yes	7.29
6 0800	1.2	305	366			61	Yes	6.88
7 0830	1.2	305	366			61	Yes	6.25
8 0830	1.0	305	305			60	Yes	5.83
9 1000	1.0	305	305			60	Yes	6.45
10 0930	1.0	305	305			60	Yes	5.62
11 1000	1.2	305	366			61	Yes	7.5
12 1100	1.2	305	366			61	Yes	7.29
13 0800	1.2	306	366			61	Yes	6.67
14 1100	1.0	305	305			60	Yes	8.13
15 0900	1.5	305	457.5			62	Yes	6.25
16 0800	1.5	305	457.5			62	Yes	6.88
17 0900	1.5	305	457.5			62	Yes	6.67
18 1200	1.5	305	457.5			62	Yes	8.33
19 1300	1.5	305	457.5			62	Yes	7.08
20 1100	1.6	305	488			62	Yes	6.04
21 1000	1.5	305	457.5			62	Yes	6.88
22 1300	1.3	305	274.5			60	Yes	8.13
23 0900	1.1	305	335.5			60	Yes	6.25
24 0800	1.0	305	305			60	Yes	4.79
25 0915	1.1	305	335.5			60	Yes	7.29
26 0800	1.0	305	305			60	Yes	7.50
27 0830	1.0	305	305			60	Yes	7.08
28 1300	1.0	305	305			60	Yes	7.70
29 1100	1.1	305	335.5			60	Yes	5.42
30 1100	1.0	305	305	↓	↓	60	Yes	5.83
31								

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

Revised November 2022

Return by 10th of following month by email, fax, or mail to:

dwp.dmc@oha.oregon.gov; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350

Month 6 Year 2024

Test location codes: 1. Concrete Tank 2. HQ Bldg 3. Maint shop
4. Yellow house 5. Upper Duplex 6. Lower Duplex

NPS Oregon Caves NM O/M
PWS ID: OR4195706

Day	Initials	Chlorine Residual		Time	Test Location	B Tank Chlorine Added	Chlorine		Meter Reading	GAL Used	Turbidity		REMARKS
		4	SYS				Set.	Res.			RAW	Finished	
1	DmJ	1.2	1	0800	3	⊕	4.0	1.2	8822800	3000	.557	.452	No Changes
2	DmJ	1.0	1	1100	3	⊕	4.0	1.0	8826600	3800	.486	.384	No Changes
3	DmJ	1.2	1	1000	3	⊕	4.0	1.2	8830200	3600	.458	.231	No Changes
4	DmJ	1.0	1	0800	3	⊕	4.0	1.0	8833900	3700	.328	.140	No Changes
5	DmJ	1.3	1	0700	3	⊕	4.0	1.3	8837400	3500	.325	.258	No Changes
6	DmJ	1.2	1	0800	3	⊕	4.0	1.2	8840700	3300	.289	.149	No Changes
7	DmJ	1.2	1	0830	3	⊕	3.0	1.2	8843700	3000	.125	.189	Change # 2 Filter
8	DmJ	1.0	1	0830	3	⊕	3.0	1.0	8846500	2800	.186	.231	No Changes
9	DmJ	1.0	1	1000	3	⊕	3.0	1.0	8849600	3100	.205	.210	No Changes
10	DmJ	1.0	1	0930	3	⊕	3.0	1.0	8852300	2700	.108	.128	No Changes
11	DmJ	1.2	1	1000	3	⊕	3.0	1.2	8855900	3600	.105	.136	No Changes
12	DmJ	1.2	1	1100	3	⊕	2.0	1.2	8859400	3500	.080	.104	No Changes
13	DmJ	1.0	1	0800	3	⊕	2.0	1.0	8862600	3200	.165	.046	No Changes
14	DmJ	1.0	1	1100	3	⊕	2.0	1.0	8866500	3900	.167	.039	No Changes
15	DmJ	1.5	1	0900	3	⊕	1.5	1.5	8869500	3000	.209	.036	No Changes
16	DmJ	1.5	1	0800	3	⊕	1.5	1.5	8872800	3300	.208	.040	No Changes
17	DmJ	1.5	1	0900	3	⊕	1.5	1.5	8876000	3200	.210	.036	No Changes
18	SB	1.5	1	1200	3	—	1.5	1.4	8880000	4000	.230	.040	No Changes
19	SB	1.5	1	1300	3	—	1.5	1.5	8883400	3400	.210	.036	No Changes
20	SB	1.6	1	1100	3	—	1.5	1.5	8886300	2900	.210	.041	No Changes
21	SB	1.5	1	1000	3	—	1.5	1.5	8889600	3300	.310	0.053	No Changes
22	SB	1.3	1	1300	3	—	1.75	1.3	8893500	3100	.410	.034	Change 1, 2, 3, 4 w/ Cl Pump 1.5 → 1.75
23	SB	1.1	1	0900	3	—	1.75	1.1	8896500	3000	.270	.032	No Changes
24	DmJ	1.0	1	0800	3	⊕	1.5	1.0	8899800	2300	.120	.058	No Changes
25	SB	1.1	1	0915	3	—	2.0	0.8	8902300	3500	.225	.054	Cl P 1.75 → 2.00
26	DmJ	1.0	1	0800	3	⊕	2.0	1.0	8905900	3600	.158	.058	No Changes
27	DmJ	1.0	1	0830	3	⊕	2.0	1.0	8909300	3400	.156	.054	No Changes
28	DmJ	1.0	1	1300	3	⊕	2.0	1.0	8913000	3700	.157	.055	No Changes
29	SB	1.1	1	1100	3	—	2.5	1.1	8915500	2600	.159	.061	Cl P 2.00 → 2.50, changed 3, 4
30	SB	1.0	1	1100	3	—	3.0	1.0	8918400	2800	.220	.048	Cl P 2.50 → 3.00
31													