

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: March 2024

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	SNOW				SNOW	N/A
2						
3						
4						
5						
6						
7						
8						
9						
10	20	12				
11	20	10			• 165	
12	20	4			• 220	
13	20	20	2	10	• 235	
14	20	17	2		• 222	
15	20	15	2		• 209	
16	20	13	2		• 175	
17	20	10	2		• 170	
18	20	0	2		• 166	
19	20	20	2		• 205	
20	20	19	2		• 215	
21	20	16	2		• 366	
22	20	11	2		• 471	
23	20	10	2		• 513	
24	20	4	2		• 646	
25	20	20	2		• 615	
26	20	18	2		• 545	
27	20	15	2		• 430	
28	20	13	2		• 429	
29	20	10	2		• 431	
30	20	5	2		• 428	
31	20	9	2		• 427	

Cartridge & Bag Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> 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: David John DATE: 04.03.2024
 PHONE #: (541) 692.2100 x2256 CERT #: D-09445

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: March 2024 Disinfection Giardia Log Inactiv: 1

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ² [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? ² Yes / No	Peak Hourly Demand Flow [GPM]
1	Snow	305		5.0	7.50			
2								
3								
4								
5								
6								
7								
8								
9	↓							
10	1.0	305	305	5.0	7.50	60	yes	
11	1.2	305	366	5.0	7.50	61	yes	7.29
12	1.3	305	396.5	5.0	7.50	61	yes	6.875
13	1.4	305	427	5.0	7.50	62	yes	6.6
14	1.4	305	427	5.0	7.50	62	yes	6.6
15	1.2	305	366	5.0	7.50	61	yes	7.29
16	1.0	305	305	5.0	7.50	60	yes	8.3
17	1.0	305	305	5.0	7.50	60	yes	8.3
18	1.0	305	305	5.0	7.50	60	yes	7.7
19	1.0	305	305	5.0	7.50	60	yes	8.75
20	1.0	305	305	5.0	7.50	60	yes	6.6
21	1.2	305	366	5.0	7.50	61	yes	5.21
22	1.8	305	549	5.0	7.50	65	yes	4.58
23	2.0	305	610	5.0	7.50	67	yes	3.96
24	1.5	305	457.5	5.0	7.50	65	yes	14.58
25	1.5	305	457.5	5.0	7.50	65	yes	8.3
26	1.4	305	427	5.0	7.50	62	yes	7.5
27	1.4	305	427	5.0	7.50	62	yes	6.7
28	1.4	305	427	5.0	7.50	62	yes	7.29
29	1.6	305	488	5.0	7.50	64	yes	6.46
30	1.2	305	366	5.0	7.50	61	yes	8.3
31	1.0	305	305	5.0	7.50	60	yes	6.7

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

Month March 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

74000 gal made

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													
2													snow event
3													
4													
5													
6													
7													
8													
9													snow event
10	JAL	1.0	1	1024	3	0	8.5	1.0	8547100				No change
11	JAL	1.2	1	1330	3	0	8.5	1.2	8556400	3500	.271	.165	No change
12	JAL	1.2	1	945	3	0	8.5	1.2	8553900	3300	.306	.220	No change
13	JAL	1.4	1	847	3	0	8.5	1.4	8557100	3200	.379	.235	changed Filters # 1,2,3,4
14	JAL	1.4	1	1045	3	0	8.5	1.4	8560300	3200	.386	.222	No change
15	JAL	1.2	1	1400	7	0	8.5	1.2	8563800	3500	.395	.209	No change
16	JAL	1.0	1	920	3	2000	8.5	1.0	8567800	4600	.407	.175	No change
17	JAL	1.0	1	1345	3	0	8.5	1.0	8571800	4000	.430	.170	No change
18	JAL	1.0	1	850	3	0	8.5	1.0	8575500	3700	.555	.166	no change
19	JAL	1.0	1	1000	3	0	8.5	1.0	8579700	4200	.565	.265	no change
20	JAL	1.0	1	1405	3	0	8.5	1.0	8582900	3200	.596	.215	No change
21	JAL	1.2	1	930	3	0	8.5	1.2	8589400	2500	.716	.366	No change
22	JAL	1.8	1	910	3	0	8.5	1.8	8587600	2200	.764	.471	no change
23	JAL	2.0	1	1300	3	1000	6.5	2.0	8589500	1900	.814	.513	Changed Filters # 3,4
24	JAL	1.5	1	1200	3	0	6.5	1.5	8596500	7000	.760	.646	changed Filters # 2,4
25	JAL	1.5	1	1615	3	0	6.5	1.5	8600500	4000	.706	.615	No change
26	JAL	1.4	1	1460	3	0	6.5	1.4	8604100	3600	.632	.545	no change
27	JAL	1.4	1	1200	3	0	6.5	1.4	8607300	3200	.572	.430	no change
28	JAL	1.4	1	1000	3	0	6.5	1.4	8610800	3500	.545	.429	No change
29	JAL	1.6	1	942	3	0	5	1.6	8613900	3100	.535	.431	changed Filters # 1,2,4
30	JAL	1.2	1	1330	3	0	5	1.2	8617900	4000	.526	.428	No change
31	JAL	1.0	1	1100	3	0	5	1.0	8621100	3200	.505	.407	NO change