

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Oct 2023

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 <sup>1</sup> [NTU]
1	20	20	2	10	.069	N/A
2	20	17	2	10	.066	
3	20	12	2	10	.061	
4	20	20	2	10	.056	
5	20	13	2	10	.065	
6	20	15	2	10	.055	
7	20	10	2	10	.050	
8	20	20	2	10	.044	
9	20	16	2	10	.046	
10	20	12	2	10	.059	
11	20	10	2	10	.071	
12	20	20	2	10	.079	
13	20	19	2	10	.076	
14	20	17	2	10	.061	
15	20	16	2	10	.084	
16	20	15	2	10	.072	
17	20	10	2	10	.070	
18	20	20	2	10	.060	
19	20	13	2	10	.056	
20	20	15	2	10	.051	
21	20	10	2	10	.047	
22	20	20	2	10	.058	
23	20	14	2	10	.059	
24	20	14	2	10	.065	
25	20	12	2	10	.072	
26	20	10	2	10	.084	
27	20	20	2	10	.076	
28	20	13	2	10	.036	
29	20	16	2	10	.042	
30	20	13	2	10	.045	
31	20	10	2	10	.045	

<b>Cartridge &amp; Bag Filtration</b>		<b>Monthly Summary (Answer Yes or No)</b>	
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.	PRINTED NAME: David John	
	SIGNATURE: David John	DATE: 11/01/2023
	PHONE #: (541) 592-2100 ext 2256	CERT #: D-09445

<sup>1</sup> 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: Oct 2023	Disinfection <i>Giardia</i> Log Inactiv:	1
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Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>2</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>2</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1 950	1.2	305	366	5.0	7.50	61	Yes	0.42
2 1700	1.2	305	366	5.0	7.50	61	Yes	2.5
3 1130	1.4	305	427	5.0	7.50	62	Yes	3.54
4 1347	1.5	305	457.5	5.0	7.50	62	Yes	4.58
5 845	1.5	305	457.5	5.0	7.50	62	Yes	2.91
6 1200	1.5	305	457.5	5.0	7.50	62	Yes	2.5
7 930	1.5	305	457.5	5.0	7.50	62	Yes	2.91
8 1000	1.6	305	488	5.0	7.50	64	Yes	3.75
9 1200	1.5	305	457.5	5.0	7.50	62	Yes	3.3
10 1145	1.2	305	366	5.0	7.50	61	Yes	2.71
11 915	1.0	305	305	5.0	7.50	60	Yes	3.3
12 1341	1.0	305	305	5.0	7.50	60	Yes	4.16
13 1100	1.0	305	305	5.0	7.50	60	Yes	3.12
14 939	1.0	305	305	5.0	7.50	60	Yes	3.3
15 1023	1.0	305	305	5.0	7.50	60	Yes	3.3
16 1330	1.0	305	305	5.0	7.50	60	Yes	3.96
17 1200	1.0	305	305	5.0	7.50	60	Yes	3.75
18 800	1.3	305	396.5	5.0	7.50	61	Yes	4.37
19 930	1.2	305	366	5.0	7.50	61	Yes	3.95
20 1015	1.5	305	457.5	5.0	7.50	62	Yes	4.37
21 1200	1.8	305	549	5.0	7.50	65	Yes	4.79
22 1200	2.0	305	610	5.0	7.50	67	Yes	4.16
23 845	1.6	305	488	5.0	7.50	64	Yes	3.12
24 1100	1.3	305	396.5	5.0	7.50	61	Yes	3.54
25 1330	1.1	305	335.5	5.0	7.50	61	Yes	2.91
26 1130	1.0	305	305	5.0	7.50	60	Yes	5
27 1154	1.0	305	305	5.0	7.50	60	Yes	3.3
28 1024	1.0	305	305	5.0	7.50	60	Yes	3.3
29 1235	1.0	305	305	5.0	7.50	60	Yes	3.54
30 900	1.0	305	305	5.0	7.50	60	Yes	4.16
31 1010	1.0	305	305	5.0	7.50	60	Yes	3.54

<sup>2</sup> If Cl<sub>2</sub> 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 October Year 2023

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	JAL	1.2	1	950	3	Ø	3	1.2	8191900	200	1.29	.069	no change Rain stop
2	JAL	1.2	1	1200	3	Ø	3	1.2	8193100	1200	1.29	.066	no change
3	JAL	1.4	1	1130	3	Ø	3	1.4	814800	1700	1.36	.061	no change
4	JAL	1.5	1	1347	3	Ø	2	1.5	8197000	2200	1.38	.056	Changed Filters # 2,3,4
5	JAL	1.5	1	845	3	Ø	2	1.5	8198100	1400	1.43	.065	no change
6	JAL	1.5	1	1200	3	Ø	2	1.5	8149600	1200	1.33	.055	no change
7	JAL	1.5	1	930	3	Ø	2	1.5	8201000	1400	1.21	.050	no change
8	JAL	1.6	1	1000	3	Ø	2	1.6	8202800	1800	.773	.044	Changed Filters # 1,3,4
9	JAL	1.5	1	1200	3	Ø	1	1.5	8204400	1600	.665	.046	no change
10	JAL	1.2	1	1145	3	Ø	1	1.2	8205700	1300	.595	.059	no change
11	JAL	1.0	1	915	3	Ø	1	1.0	8207300	1600	.569	.071	no change
12	JAL	1.0	1	1341	3	Ø	1	1.0	8209300	2000	.457	.079	Changed Filters # 1,3,4
13	JAL	1.0	1	1100	3	Ø	1	1.0	8210900	1500	.409	.076	no change
14	JAL	1.0	1	939	3	Ø	1	1.0	8212400	1600	.212	.061	no change
15	JAL	1.0	1	1023	2	Ø	1	1.0	8214000	1600	1.30	.084	no change
16	JAL	1.0	1	1330	3	Ø	1	1.0	8215900	1900	.565	.072	no change
17	JAL	1.0	1	1200	3	Ø	1	1.0	8217700	1800	.371	.070	no change
18	JAL	1.3	1	800	3	Ø	1	1.3	8219300	2100	.209	.060	Changed Filters # 2,3
19	JAL	1.2		930	3	Ø	3	1.2	8221700	1900	.266	.056	no change
20	JAL	1.5		1015	3	Ø	3	1.5	8223800	2100	.298	.051	no change
21	JAL	1.8		1200	2	Ø	3	1.8	8226100	2300	.303	.047	changed Filters 1,3,4
22	JAL	2.0		1200	2	2000	3	2.0	8228100	2000	3.12	.058	changed filter # 2 Rain
23	JAL	1.6		845	3	Ø	2	1.6	8229600	1500	2.22	.059	no change
24	JAL	1.3		1100	3	Ø	2	1.3	8231300	1700	1.98	.065	no change
25	JAL	1.1		1330	3	Ø	2	1.1	8232700	1400	.669	.072	no change
26	JAL	1.0		1130	3	Ø	2	1.0	8235100	2400	.444	.084	changed Filters # 3,4
27	JAL	1.0		1154	3	Ø	2	1.0	8236700	1600	.526	.076	no change
28	JAL	1.0		1024	3	Ø	2	1.0	8238300	1600	.611	.036	no change
29	JAL	1.0		1235	3	Ø	2	1.0	8240000	1700	.546	.042	no change
30	JAL	1.0		900	3	3000	2	1.0	8242000	2000	.446	.045	no change
31	JAL	1.0		1010	3	Ø	2	1.0	8243700	1700	.409	.045	no change