

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Feb 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 <sup>1</sup> [NTU]
1	20	10	2	10	0261	N/A
2	20	20	2		0102	
3	20	18	2		0103	
4	20	14	2		0067	
5	20	12	2		0078	
6	20	10	2		0096	
7	20	20	2		0109	
8	20	19	2		0082	
9	20	17	2		0084	
10	20	13	2		0086	
11	20	10	2		0087	
12	20	20	2		0089	
13	20	19	2		0091	
14	20	15	2		0049	
15	20	12	2		0169	
16	20	10	2		0310	
17	20	20	2		0099	
18	20	18	2		0110	
19	20	13	2		0123	
20	20	12	2		0371	
21	20	10	2		0540	
22	20	20	2		0258	
23	20	19	2		0265	
24	20	17	2		0287	
25	20	15	2		0342	
26	20	13	2		0176	
27	20	12	2		0122	
28	20	10	2		0090	
29	20	20	2	↓	0084	
30						
31						

<b>Cartridge &amp; Bag Filtration</b>		<b>Monthly Summary (Answer Yes or No)</b>	
95% of daily turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back)	<input checked="" type="radio"/> Yes / <input type="radio"/> No
All daily turbidity readings ≤ 5 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	All Cl2 residual at entry point ≥ 0.2 mg/l?	<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: 3-13-24  
 PHONE #: (541) 592-2100 x2256 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: Feb 2024

Disinfection Giardia  
Log Inactiv:

1

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 1144	1.0	305	305	5.0	7.50	60	yes	5
2 1146	1.0		305			60	yes	5.2
3 1228	1.0		305			60	yes	4.79
4 1420	1.0		305			60	yes	5.625
5 910	1.0		305			60	yes	5.2
6 1030	1.0		305			60	yes	4.58
7 1100	1.0		305			60	yes	4.375
8 1305	1.0		305			60	yes	5.42
9 1245	1.0		305			60	yes	4.79
10 926	1.0		305			60	yes	4.79
11 1300	1.0		305			60	yes	5.83
12 1400	1.0		305			60	yes	5.41
13 1245	1.0		305			60	yes	5.2
14 854	1.0		305			60	yes	4.375
15 1330	1.2		366			61	yes	5
16 942	1.2		366			61	yes	6.25
17 1025	1.2		366			61	yes	6.25
18 1245	1.2		366			61	yes	5.625
19 900	1.1		335.5			60	yes	5
20 1130	1.0		305			60	yes	5.42
21 1333	1.0		305			60	yes	6.45
22 1306	1.0		305			60	yes	6.45
23 1200	1.2		366			61	yes	6.25
24 930	1.2		366			61	yes	5
25 830	1.0		305			60	yes	7.08
26 1125	1.0		305			60	yes	7.5
27 900	1.2		366			61	yes	7.29
28 1351	1.2		366			61	yes	7.29
29 1400	1.1		335.5			60	yes	6.875
<del>30</del>								
<del>31</del>								

<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 February 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	JAL	1.0	1	1144	3	Ø	6.5	1.0	8438600	2400	.300	.261	changed Filters # 2,4
2	JAL	1.0	1	1146	3	Ø	6.5	1.0	8441100	2500	.446	.102	changed Filter # 3
3	JAL	1.0	1	1228	3	Ø	7.5	1.0	8443400	2300	.222	.103	no change
4	JAL	1.0	1	1420	3	Ø	8	1.0	8446100	2700	.274	.067	changed Filter # 2,3,4
5	JAL	1.0	1	910	3	Ø	8	1.0	8448600	2500	.269	.078	no change
6	JAL	1.0	1	1030	3	Ø	8	1.0	8450800	2200	.199	.096	no change
7	JAL	1.0	1	1100	3	Ø	8	1.0	8452900	2100	.198	.109	no change
8	JAL	1.0	1	1305	3	Ø	8	1.0	8455500	2600	.181	.082	no change
9	JAL	1.0	1	1245	3	Ø	8	1.0	8457800	2300	.099	.084	no change
10	JAL	1.0	1	926	3	Ø	8	1.0	8460100	2300	.250	.086	no change
11	JAL	1.0	1	1300	3	Ø	8	1.0	8462900	2800	.206	.087	changed Filters # 2,3,4
12	JAL	1.0	1	1400	2	Ø	8	1.0	8465500	2600	.196	.089	no change
13	JAL	1.0	1	1245	3	Ø	8	1.0	8468000	2500	.172	.091	no change
14	JAL	1.0	1	854	3	Ø	8	1.0	8470100	2100	.216	.049	no change
15	JAL	1.2	1	1330	3	Ø	8	1.2	8472500	2400	.246	.109	no change
16	JAL	1.2	1	942	3	Ø	8	1.2	8475500	3000	.514	.310	changed Filters # 2,3,4
17	JAL	1.2	1	1025	3	Ø	8	1.2	8478500	3000	.464	.099	no change
18	JAL	1.2	1	1245	3	Ø	8	1.2	8481200	2700	.489	.110	no change
19	JAL	1.1	1	900	3	Ø	8	1.1	8483600	2400	.545	.123	no change
20	JAL	1.0	1	1130	3	Ø	8.5	1.0	8486200	2600	.615	.371	no change
21	JAL	1.0	1	1333	3	Ø	8.5	1.0	8489300	3100	.635	.540	changed Filters # 3,4
22	JAL	1.0	1	1306	3	Ø	8.5	1.0	8492400	3100	.470	.258	no change
23	JAL	1.2	1	1200	3	Ø	8.5	1.2	8495400	3000	.405	.265	no change
24	JAL	1.2	1	930	3	Ø	8.5	1.2	8497800	2400	.324	.287	no change
25	JAL	1.0	1	830	3	Ø	8.5	1.0	8501200	3400	.154	.342	changed Filters # 3,4
26	JAL	1.0	1	1125	3	Ø	8.5	1.0	8504800	3600	.167	.176	no change
27	JAL	1.2	1	900	3	Ø	8.5	1.2	8508300	3500	.267	.122	no change
28	JAL	1.2	1	1351	3	Ø	8.5	1.2	8511800	3500	.307	.090	changed Filters # 1,2,3,4
29	JAL	1.1	1	1400	3	Ø	8.5	1.1	8515100	3300	.265	.084	snow no change
30	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X