

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Dec 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						N/A
2						
3						
4						
5						
6	20	15	2	10	.061	
7	20	12	2	10	.105	
8	20	10	2	10	.097	
9	20	20	2	10	.060	
10	20	14	2	10	.056	
11	20	12	2	10	.053	
12	20	20	2	10	.050	
13	20	15	2	10	.049	
14	20	12	2	10	.046	
15	20	10	2	10	.043	
16	20	20	2	10	.049	
17	20	18	2	10	.054	
18	20	15	2	10	.054	
19	20	13	2	10	.052	
20	20	10	2	10	.051	
21	20	20	2	10	.051	
22	20	19	2	10	.042	
23	20	20	2	10	.132	
24	20	18	2	10	.134	
25	20	15	2	10	.146	
26	20	13	2	10	.132	
27	20	10	2	10	.122	
28	20	20	2	10	.125	
29	20	15	2	10	.055	
30	20	20	2	10	.089	
31	20	18	2	10	.076	

Cartridge & Bag Filtration	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
All daily turbidity readings ≤ 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> 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: 01.04.24  
 PHONE #: (541) 592.210<sup>ex</sup> 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: Dec 2023

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		305		5.0	7.50			
2								
3								
4								
5								
6 900	1.2	305	366	5.0	7.50	61	yes	
7 1300	1.2		366			61	yes	4.16
8 1000	1.0		305			60	yes	3.54
9 1200	1.0		305			60	yes	3.54
10 930	1.2		366			61	yes	3.3
11 1330	1.2		366			61	yes	3.3
12 1400	1.1		335.5			60	yes	3.12
13 1100	1.0		305			60	yes	3.75
14 945	1.0		305			60	yes	3.3
15 1000	1.0		305			60	yes	4.16
16 1300	1.2		366			61	yes	3.54
17 1200	1.0		305			60	yes	3.75
18 930	1.2		366			61	yes	3.95
19 1045	1.4		427			62	yes	4.58
20 1300	1.7		518.5			64	yes	6.04
21 8:45	2.0		610			67	yes	7.91
22 1200	1.0		305			60	yes	24.58
23 1000	1.2		366			61	yes	7.70
24 900	1.3		396.5			61	yes	4.16
25 1230	1.5		457.5			62	yes	3.33
26 1645	1.2		366			61	yes	3.95
27 1100	1.0		305			60	yes	3.75
28 900	1.0		305			60	yes	4.37
29 945	1.4		427			62	yes	5
30	1.0		305			60	yes	4.16
31	1.2		366			61	yes	4.16

<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 December 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													
2													
3													
4													
5													
6	JAL	1.2	1	900	3	0	10	1.2	8302400		.228	.061	Changed Filters #1,2,3,4
7	JAL	1.2	1	1300	3	0	10	1.2	8304400	2000	.248	.106	no change snow
8	JAL	1.0	1	1000	3	0	10	1.0	8306100	1700	.456	.097	no change
9	JAL	1.0	1	1200	3	0	10	1.0	8307800	1700	.703	.060	no change
10	JAL	1.2	1	930	3	0	10	1.2	8309400	1600	.620	.056	no change
11	JAL	1.2	1	1330	3	0	10	1.2	8311000	1600	.436	.055	no change
12	JAL	1.1	1	1400	3	0	10	1.1	8312500	1500	.333	.050	no change
13	JAL	1.0	1	1100	3	0	10	1.0	8314300	1800	.283	.049	no change
14	JAL	1.0	1	945	3	0	10	1.0	8315900	1600	.209	.046	no change
15	JAL	1.0	1	1000	3	0	10	1.0	8317900	2000	.189	.043	changed Filter #4
16	JAL	1.2	1	1300	3	0	10	1.2	8319600	1700	.189	.049	no change
17	JAL	1.0	1	1200	3	0	10	1.0	8321400	1800	.189	.054	changed Filters #1,2,3,4
18	JAL	1.2	1	930	3	0	10	1.2	8323300	1900	.176	.054	no change
19	JAL	1.4	1	1045	3	0	10	1.4	8325500	2200	.156	.052	no change
20	JAL	1.7	1	1300	3	0	10	1.7	8328400	2900	.122	.051	no change
21	JAL	2.0	1	845	3	0	10	2.0	8332200	3800	.107	.051	changed Filter #1 twice, 2,3 & 4
22	JAL	1.0	1	1200	3	0	10	1.0	8341000	11800	1.59	.042	changed Filter #1 Float / CIA-Val. <sup>stuck</sup> not working
23	JAL	1.2	1	1000	3	0	10	1.2	8347700	3700	1.36	.132	changed Filters #1,2,3,4
24	JAL	1.3	1	900	3	5000	10	1.3	8349700	2000	1.38	.134	no change
25	JAL	1.5	1	1230	3	0	10	1.5	8351300	1600	1.42	.146	no change
26	JAL	1.2	1	1045	3	0	10	1.2	8353200	1900	1.69	.132	no change
27	JAL	1.0	1	1100	3	0	10	1.0	8355000	1800	1.76	.122	no change
28	JAL	1.0	1	900	3	0	10	1.0	8357000	2100	1.89	.125	changed Filters #1,2,4
29	JAL	1.4	1	945	3	0	10	1.4	8359500	7400	.514	.055	no change
30	JAL	1.0	1	930	3	0	10	1.0	8361500	2000	.239	.089	changed Filters #3,4
31	JAL	1.2	1	1200	3	0	10	1.2	8363500	2000	.245	.076	no change