

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: 9-2023 SEP

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	20	2	10	.045	N/A
2	20	19	2	10	.046	
3	20	17	2	10	.047	
4	20	16	2	10	.045	
5	20	14	2	10	.045	
6	20	12	2	10	.046	
7	20	10	2	10	.029	
8	20	20	2	10	.035	
9	20	18	2	10	.045	
10	20	17	2	10	.046	
11	20	15	2	10	.045	
12	20	14	2	10	.047	
13	20	12	2	10	.056	
14	20	10	2	10	.067	
15	20	20	2	10	.072	
16	20	18	2	10	.075	
17	20	15	2	10	.061	
18	20	12	2	10	.060	
19	20	10	2	10	.045	
20	20	20	2	10	.042	
21	20	10	2	10	.036	
22	20	0	2	10	.046	
23	20	0	2	10	.064	
24	20	20	2	10	.061	
25	20	18	2	10	.061	
26	20	16	2	10	.055	
27	20	12	2	10	.059	
28	20	10	2	10	.058	
29	20	20	2	10	.058	
30	20	18	2	10	.066	
31	20	16	2	10	.069	N/A

Oct 1

Cartridge & Bag Filtration 95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No		Monthly Summary (Answer Yes or No) CT's met everyday? (see back) <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	
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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 M. John SIGNATURE: <i>David M. John</i> PHONE #: (541) 532-2100 ^{ext} 2256	DATE: 9-30-23 CERT #:
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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: Sep 2023	Disinfection <i>Giardia</i> Log Inactiv: 1
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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]
949 1	1.0	305	305	5.0	7.50	60	Yes	3.54
1200 2	1.0	305	305	5.0	7.50	60	Yes	3.3
1000 3	1.0	305	305	5.0	7.50	60	Yes	2.5
1130 4	1.0	305	305	5.0	7.50	60	Yes	3.75
930 5	1.0	305	305	5.0	7.50	60	Yes	3.54
1000 6	1.0	305	305	5.0	7.50	60	Yes	3.75
1030 7	1.0	305	305	5.0	7.50	60	Yes	3.95
845 8	1.0	305	305	5.0	7.50	60	Yes	3.12
1100 9	1.0	305	305	5.0	7.50	60	Yes	3.3
930 10	1.0	305	305	5.0	7.50	60	Yes	3.3
1045 11	1.10	305	335.5	5.0	7.50	60	Yes	2.5
1100 12	1.10	305	335.5	5.0	7.50	60	Yes	2.5
900 13	1.20	305	366	5.0	7.50	61	Yes	3.95
1245 14	1.0	305	305	5.0	7.50	60	Yes	4.16
1010 15	1.0	305	305	5.0	7.50	60	Yes	3.75
900 16	1.0	305	305	5.0	7.50	60	Yes	3.75
1200 17	1.0	305	305	5.0	7.50	60	Yes	3.12
945 18	1.0	305	305	5.0	7.50	60	Yes	4.58
1200 19	1.20	305	366	5.0	7.50	61	Yes	2.71
1200 20	1.10	305	335.5	5.0	7.50	60	Yes	2.71
1123 21	1.03	305	314.15	5.0	7.50	60	Yes	3.54
900 22	1.0	305	305	5.0	7.50	60	Yes	2.0
1100 23	1.0	305	305	5.0	7.50	60	Yes	0
820 24	1.0	305	305	5.0	7.50	60	Yes	6.25
1200 25	1.0	305	305	5.0	7.50	60	Yes	4.58
945 26	1.0	305	305	5.0	7.50	60	Yes	4.16
848 27	1.0	305	305	5.0	7.50	60	Yes	5.41
1330 28	1.12	305	341.6	5.0	7.50	60	Yes	3.12
841 29	1.20	305	366	5.0	7.50	61	Yes	3.3
1000 30	1.20	305	366	5.0	7.50	61	Yes	6.6
950 31	1.20	305	366	5.0	7.50	61	Yes	0.42

out
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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 September 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	1.0	1	949	3	Ø	3	1.0	8133400	1700	.210	.045	changed Filters # 1,2,
2	JAL	1.0	1	1200	3	Ø	3	1.0	8135000	1600	.210	.046	no change
3	JAL	1.0	1	1000	3	Ø	3	1.0	8136200	1200	.211	.047	no change
4	JAL	1.0	1	1130	3	Ø	3	1.0	8138000	1800	.211	.045	no change
5	JAL	1.0	1	930	3	Ø	3	1.0	8139700	1700	.212	.045	no change
6	JAL	1.0	1	1000	3	Ø	3	1.0	8141500	1800	.213	.046	no change
7	JAL	1.0	1	1030	3	4000	3	1.0	8143400	1900	.213	.029	Changed Filters # 3,4
8	JAL	1.0	1	845	3	Ø	3	1.0	8144900	1500	.215	.035	no change
9	JAL	1.0	1	1100	3	Ø	3	1.0	8146500	1600	.217	.045	no change
10	JAL	1.0	1	930	3	Ø	3	1.0	8148100	1600	.213	.046	no change
11	JAL	1.1	1	1045	3	Ø	3	1.1	8149300	1200	.210	.045	no change
12	JAL	1.1	1	1100	3	Ø	3	1.1	8150500	1200	.210	.047	no change
13	JAL	1.2	1	900	3	Ø	3	1.2	8152400	1900	.209	.056	no change
14	JAL	1.2	1	1245	3	Ø	3	1.2	8154400	2000	.207	.067	no change
15	JAL	1.2	1	1010	3	Ø	3	1.2	8156200	1800	.205	.072	Changed Filters # 1,2,3,4
16	JAL	1.2	1	900	3	Ø	3	1.2	8158000	1800	.205	.075	no change
17	JAL	1.2	1	1200	3	Ø	3	1.2	8159500	1500	.138	.061	no change
18	JAL	1.2	1	945	3	Ø	3	1.2	8161700	2200	.120	.060	no change
19	JAL	1.2	1	1200	3	Ø	3	1.2	8163000	1300	.117	.045	no change
20	JAL	1.10	1	1200	3	4000	3	1.10	8164300	1300	1.09	.042	Changed filters # 2,3,4
21	JAL	1.03	1	1123	3	Ø	3	1.03	8166000	1700	1.26	.036	intake Empty stream Dry
22	JAL	1.0	1	900	3	Ø	3	1.0	8175600	9600	1.25	.046	no change
23	JAL	1.0	1	1100	3	Ø	3	1.0	8175600	0	1.25	.064	changed Filters # 1,4
24	JAL	1.0	1	820	3	Ø	3	1.0	8178600	3000	1.45	.061	changed Filters # 2,3 Rain start
25	JAL	1.0	1	1200	3	Ø	3	1.0	8180800	2200	1.42	.061	no change
26	JAL	1.0	1	945	3	Ø	3	1.0	8182800	2000	1.33	.055	no change
27	JAL	1.0	1	848	3	Ø	3	1.0	8185400	2600	1.36	.059	no change
28	JAL	1.12	1	1330	3	Ø	3	1.12	8186900	1500	1.36	.058	no change
29	JAL	1.2	1	841	3	4000	3	1.2	8189500	1600	1.32	.058	changed #1234 Filters
30	JAL	1.2	1	1000	3	Ø	3	1.2	8191700	3200	1.30	.066	no change
31	JAL	1.2	1	950	3	Ø	3	1.2	8191900	200	1.29	.069	no change Rain stop