

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: 08/23

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	18	2	10	.062	
2	20	14	2	10	.060	
3	20	10	2	10	.063	
4	20	9	2	10	.051	
5	20	20	2	10	.055	
6	20	19	2	10	.051	
7	20	16	2	10	.051	
8	20	15	2	10	.048	
9	20	14	2	10	.046	
10	20	13	2	10	.051	
11	20	11	2	10	.052	
12	20	10	2	10	.055	
13	20	20	2	10	.056	
14	20	19	2	10	.055	
15	20	20	2	10	.055	
16	20	18	2	10	.053	
17	20	17	2	10	.053	
18	20	15	2	10	.039	
19	20	20	2	10	.036	
20	20	19	2	10	.035	
21	20	17	2	10	.035	
22	20	13	2	10	.036	
23	20	20	2	10	.036	
24	20	19	2	10	.042	
25	20	15	2	10	.049	
26	20	10	2	10	.045	
27	20	20	2	10	.044	
28	20	19	2	10	.044	
29	20	17	2	10	.038	
30	20	15	2	10	.034	
31	20	12	2	10	.046	

Cartridge & Bag Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU?	<input checked="" type="checkbox"/> Yes / 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="checkbox"/> Yes / No	<input checked="" type="checkbox"/> Yes / No	<input checked="" type="checkbox"/> 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	DATE: 9/1/23
		SIGNATURE: <i>David John</i>	CERT #: D-09445
		PHONE #: (541) 592-2100	

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: 08/23	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]
1 900	1.0	305	305	5.0	7.50	60	Yes	3.95
2 1400	1.0	305	305	5.0	7.50	60	Yes	6.87
3 1000	1.0	305	305	5.0	7.50	60	Yes	3.3
4 1355	1.0	305	305	5.0	7.50	60	Yes	2.5
5 1130	1.0	305	305	5.0	7.50	60	Yes	3.3
6 1431	1.0	305	305	5.0	7.50	60	Yes	2.29
7 857	1.1	305	335.5	5.0	7.50	60	Yes	3.12
8 900	1.1	305	335.5	5.0	7.50	60	Yes	2.5
9 1000	1.0	305	305	5.0	7.50	60	Yes	3.3
10 1314	1.0	305	305	5.0	7.50	60	Yes	6.6
11 900	1.9	305	579.5	5.0	7.50	60	Yes	2.70
12 1222	1.9	305	579.5	5.0	7.50	60	Yes	3.95
13 1300	1.0	305	305	5.0	7.50	60	Yes	4.37
14 836	1.0	305	305	5.0	7.50	60	Yes	3.3
15 1000	1.1	305	335.5	5.0	7.50	60	Yes	2.29
16 1018	1.1	305	335.5	5.0	7.50	60	Yes	3.54
17 900	1.1	305	335.5	5.0	7.50	60	Yes	2.5
18 959	1.1	305	335.5	5.0	7.50	60	Yes	4.58
19 1251	1.0	305	305	5.0	7.50	60	Yes	4.37
20 1100	1.0	305	305	5.0	7.50	60	Yes	4.16
21 900	1.0	305	305	5.0	7.50	60	Yes	4.37
22 1030	1.0	305	305	5.0	7.50	60	Yes	3.3
23 1129	1.0	305	305	5.0	7.50	60	Yes	2.08
24 1245	1.4	305	335.5	5.0	7.50	60	Yes	3.3
25 1000	1.2	305	366	5.0	7.50	61	Yes	3.54
26 924	1.0	305	305	5.0	7.50	60	Yes	3.125
27 1400	1.0	305	305	5.0	7.50	60	Yes	4.16
28 1100	1.0	305	305	5.0	7.50	60	Yes	5.20
29 1300	1.0	305	305	5.0	7.50	60	Yes	3.125
30 1454	1.0	305	305	5.0	7.50	60	Yes	2.70
31 930	0.98	305	298.9	5.0	7.50	60	Yes	2.5

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 August 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	0900	3	0	3	1.0	8079900	1900	.245	.062	No change
2	JAL	1.0	1	1400	3	0	3	1.0	8083200	3300	.246	.060	No change
3	JAL	1.0	1	1000	3	0	3	1.0	8084800	1600	.244	.063	No change
4	JAL	1.0	1	1355	3	0	3	1.0	8086500	1200	.248	.051	changed # 1,2,3,4,
5	JAL	1.0	1	11:30	3	0	2.5	1.0	8088100	1600	.246	.055	No change
6	JAL	1.0	1	1431	3	0	2.5	1.0	8089200	1100	.248	.051	No change
7	JAL	1.1	1	857	3	0	2.5	1.1	8090700	1500	.245	.051	No change
8	JAL	1.1	1	900	3	0	2.5	1.1	8091900	1200	.234	.048	No change
9	JAL	1.0	1	1000	3	0	2.5	1.0	8093500	1600	.229	.046	no change
10	JAL	1.0	1	1314	3	0	2.5	1.0	8096700	3200	.226	.051	No change
11	JAL	1.9	1	900	3	0	2.5	1.9	8098000	1300	.146	.052	No change
12	JAL	1.9	1	1222	3	0	2.5	1.9	8099900	1900	.137	.055	change # 2,3,4
13	JAL	1.0	1	1300	3	0	2.5	1.0	8102000	2100	.140	.056	No change
14	JAL	1.0	1	836	3	0	2.5	1.0	8103600	1600	.138	.055	no change
15	JAL	1.1	1	1000	3	0	2.5	1.1	8104700	1100	.137	.055	no change
16	JAL	1.1	1	1018	3	0	2.5	1.1	8106400	1700	.135	.053	change # 2
17	JAL	1.1	1	900	3	0	2.5	1.1	8107600	1200	.134	.053	no change
18	JAL	1.1	1	959	3	0	2.5	1.1	8109800	2200	.148	.039	No change
19	JAL	1.0	1	1251	3	0	2.5	1.0	8111900	2100	.216	.036	changed # 3,4.
20	JAL	1.0	1	11:00	3	0	2.5	1.0	8113900	2000	.200	.035	No change
21	JAL	1.0	1	900	3	0	2.5	1.0	8116000	2100	.164	.035	no change
22	JAL	1.0	1	1030	3	0	2.5	1.0	8117600	1600	.160	.036	no change
23	JAL	1.0	1	1129	3	0	2.5	1.0	8118600	1000	.155	.036	changed # 1,2
24	JAL	1.4	1	1245	3	0	2.5	1.4	8120200	1600	.134	.042	no change
25	JAL	1.2	1	1000	3	0	2.5	1.2	8121900	1700	.128	.049	no change
26	JAL	1.0	1	924	3	0	2	1.0	8123400	1500	.135	.045	no change
27	JAL	1.0	1	1400	3	0	2	1.0	8125400	2000	.146	.044	changed Filters # 3,4
28	JAL	1.0	1	1100	3	0	2	1.0	8127900	2500	.145	.044	No change
29	JAL	1.0	1	1300	3	0	2	1.0	8129200	1300	.154	.038	no change
30	JAL	1.0	1	1454	3	0	2	1.0	8130500	1300	.209	.034	no change
31	JAL	0.98	1	930	3	0	2	0.98	8131700	1200	.215	.046	No change