OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Dec /2025

System Name: ORCA Lake Creek **ID#:** 41 41998 **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	45	32	13	10	0.031	0.108
2	45	32	13		0.032	0.103
3	45	30	15		0.030	0.114
4	45	30	15		N/A	N/A
5	45	34	11		0.043	0.103
6	45	33	12		0.046	0.110
7	45	34	11		0.042	0.104
8	45	33	12		0.051	0.120
9	45	33	12		0.056	0.132
10	45	34	11		0.060	0.130
11	45	32	13		0.062	0.125
12	45	32	13		0.044	0.132
13	45	30	15		0.038	0.143
14	45	32	13		0.045	0.146
15	45	32	13		0.048	0.132
16	45	32	13		0.053	0.142
17	45	33	12		0.067	0.148
18	45	32	13		0.069	0.151
19	45	30	15		0.071	0.162
20	45	27	18		0.042	~~0.106~~ 0.106
21	45	25	20		0.044	0.091
22	45	30	15		0.057	0.114
23	45	28	17		0.041	0.133
24	45	27	18		0.051	0.090
25	45	27	18		0.045	0.120
26	45	32	13		0.055	0.134
27	45	24	16		0.058	0.103
28	45	27	18		0.057	0.133
29	45	25	20		0.056	0.096
30	45	21	24		0.041	0.131
31	40	21	14		0.092	0.127

Cartridge & Bag Filtration		Monthly Summary (Answer Yes or No)	
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: [signature] **DATE:** 01.03.26

PHONE #: (541) 415.2429 **CERT #:**

D-09445

	WTP- :

System Name: ORCA LakeCreek **ID#:** 41 91998 **Month/Year:** Dec/2025 **Disinfection *Giardia* Log Inactiv:** 1

Date / Time	Minimum Cl₂ 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	2.50	28	70.00	11	7.5	53	Y	9.37
2	2.55		71.40	11	7.5	53	Y	9.37
3	2.50		70.00	11	7.5	53	Y	7.71
4	2.45		68.60	11	7.5	53	Y	0
5	2.40		67.20	11	7.5	52	Y	21.67
6	2.38		66.64	11	7.5	52	Y	8.33
7	2.36		66.08	11	7.5	52	Y	7.29
8	2.32		64.96	11	7.5	52	Y	9.37
9	2.35		65.80	11	7.5	52	Y	8.33
10	2.35		65.80	11	7.5	52	Y	11.67
11	2.20		61.60	11	7.5	51	Y	25.00
12	2.62		73.36	11	7.5	54	Y	8.33
13	2.63		73.64	11	7.5	54	Y	10.83
14	2.65		74.20	11	7.5	54	Y	11.67
15	2.60		72.80	11	7.5	53	Y	11.25
16	2.70		75.60	11	7.5	54	Y	5.83
17	2.65		74.20	11	7.5	54	Y	8.96
18	2.60		72.80	11	7.5	53	Y	8.54
19	2.85		79.80	11	7.5	55	Y	14.17
20	2.79		78.12	11	7.5	54	Y	7.08
21	2.48		69.44	11	7.5	53	Y	4.79
22	2.32		64.96	11	7.5	52	Y	3.54
23	2.36		66.08	11	7.5	52	Y	22.71
24	2.43		68.04	11	7.5	53	Y	12.50
25	2.49		69.72	11	7.5	53	Y	14.80
26	2.45		68.6	11	7.5	53	Y	13.34
27	2.50		70.0	11	7.5	53	Y	13.96
28	2.61		73.08	11	7.5	54	Y	13.34
29	2.66		74.48	11	7.5	54	Y	7.24
30	2.64		75.32	11	7.5	54	Y	8.13
31	2.47		69.16	11	7.5	53	Y	7.09

² If Cl2 at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Return by 10th of following month by email, fax, or mail to:

dwp.dmce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350

Revised July 2018

SOURCE NAME: LAKE CREEK
MONTH December YEAR 2025
TEST LOCATION CODES:
1 - INFORMATION BOOTH   4 - V. C
2 - Chalet   5 - CHATEAU
3 - WATER FOUNTAIN   6 - GUIDE HOUSE

Total: 152,100

ADDRESS: OREGON CAVES NATIONAL MONUMENT
19000 CAVES HIGHWAY
CAVE JUNCTION, OREGON 97523
1-541-592-2100

PSW ID#: 419 1998

DAY	INITIALS	CHLORINE RESIDUAL 4	SYS	TIME	TEST LOCATION	B TANK CHLORINE ADDED	CHLORINE Set.	CHLORINE Res.	METER READING +55,000,000	GAL USED	TURBIDITY RAW	TURBIDITY FINISHED	REMARKS
1	SB	2.50	2	1230	2	+10gal 4:1	6.0	2.50	15.1800	4500	0.146	0.031	
2	SB	2.55	2		2	—	6.0	2.55	156300	4500	0.143	0.030	
3	SB	2.50	2	1220	2	—	6.0	2.50	160000	3700	0.133	0.032	Plant off, Clean intake
4	SB	2.45	2	1600	2	—	7.0	2.45	160000	0	N/A	N/A	Change #3, Plant on.
5	SB	2.40	1	1330		—	8.5	2.40	170400	10400	0.220	0.043	Change #1, 2, 4
6	DmJ	2.38		1100		—	8.5	2.38	174400	4000	0.210	0.046	
7	DmJ	2.36		0900		—	8.5	2.36	177900	3500	0.203	0.042	
8	DmJ	2.32		1000		—	8.5	2.32	182400	4500	0.190	0.051	
9	DmJ	2.35		1200		—	8.5	2.35	186400	4000	0.182	0.056	
10	DmJ	2.35		0900		—	8.5	2.35	55192000	5600	0.160	0.060	
11	DmJ	2.20		1200		—	8.5	2.20	55204000	12000	0.152	0.062	
12	DmJ	2.62		1000		—	8.5	2.62	55208000	4000	0.139	0.044	
13	DmJ	2.63		1000		—	8.5	2.63	55213200	5200	0.136	0.038	
14	DmJ	2.65		0800		—	8.5	2.65	55218800	5600	0.132	0.045	
15	DmJ	2.60		1200		—	8.5	2.60	55224200	5400	0.135	0.048	Changed #2,3,4 Filters
16	DmJ	2.70		1200		+10 gals 4:1	8.5	2.70	55227000	2800	0.144	0.053	Changed #1 Filter
17	DmJ	2.65		0800		—	8.5	2.65	55231300	4300	0.165	0.067	
18	DmJ	2.60		1200		—	8.5	2.60	55235400	4100	0.173	0.069	Changed #1,2,3,4 Filters
19	DmJ	2.85		1030		—	8.5	2.85	55242200	6800	0.171	0.071	Changed #3 Filter
20	SB	2.79		1000		—	8.5	2.79	55245500	3400	0.198	0.042	Heavy Rains Starting
21	SB	2.48		1100		—	8.5	2.48	55247900	2300	0.154	0.044	
22	SB	2.32		1030		+1gal Cl	9.0	2.32	55249600	1700	0.169	0.057	Changed 1,2,3,4 Plant Flushed +2,3
23	SB	2.36		1130		—	4.0	2.36	55260500	10900	0.155	0.041	#1,2,3,4 @1530
24	SB	2.43		0900		—	4.0	2.43	55266500	6000	0.171	0.051	
25	SB	2.44		1400		—	9.0	2.44	55273600	7100	0.159	0.045	
26	SB	2.45		1530		—	9.0	2.45	55280000	6400	0.170	0.055	3,4
27	SB	2.50		1100		—	9.0	2.50	55286700	6700	0.163	0.058	
28	SB	2.61		1000		—	9.0	2.61	55293100	6400	0.172	0.057	
29	SB	2.66		1200		—	9.0	2.66	55296600	3500	0.189	0.056	
30	SB	2.69	8	1000	✓	—	8.0	2.69	55300500	3900	0.191	0.041	
31	SB	2.47	2	1200	2	—	8.5	2.47	55303900	3400	0.266	0.042	3,4