

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine  
 Month/Year: Oct/2015

Cartridge or Bag Filtration

System Name: ORCA Lake Creek ID#: 41 91998 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	45	25	20	10	0.033	0.058
2	45	25	20		0.032	0.067
3	45	24	21		0.042	0.055
4	45	23	22		0.050	0.061
5	45	21	24		0.041	0.062
6	45	20	25		0.034	0.049
7	45	27	18		0.045	0.084
8	45	27	18		0.045	0.052
9	45	27	18		0.036	0.050
10	45	26	19		0.037	0.061
11	45	26	19		0.049	0.080
12	45	24	21		0.035	0.060
13	45	23	22		0.051	0.066
14	45	22	23		0.038	0.053
15	45	22	23		0.050	0.060
16	45	21	24		0.033	0.047
17	45	28	17		0.033	0.102
18	45	27	18		0.042	0.058
19	45	26	19		0.036	0.057
20	45	24	21		0.037	0.051
21	45	24	21		0.049	0.058
22	45	24	21		0.039	0.054
23	45	33	12		0.035	0.068
24	45	33	12		0.037	0.061
25	45	32	13		0.036	0.055
26	45	31	14		0.033	0.051
27	45	30	15		0.047	0.091
28	45	30	15		0.032	0.062
29	45	30	15		0.041	0.065
30	45	28	17		0.045	0.059
31	45	28	17	✓	0.048	0.074

Cartridge & Bag Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes <input type="radio"/> 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="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<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: 11.12.25  
 PHONE #: (541) 592-2100 CERT #:

<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.

D-09445

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- :

System Name: ORCA Lake Geer ID#: 41 91998 Month/Year: Oct/2025 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	2.59	28	72.5	18	8.0	43	Y	7.7
2	2.61		73.1	18	8.0	44	Y	8.12
3	2.67		74.8	18	8.0	44	Y	11.67
4	2.77		77.6	18	8.0	44	Y	8.96
5	2.90		81.2	18	8.0	45	Y	11.25
6	3.03		84.8	18	8.0	45	Y	10.84
7	3.15		88.2	18	8.0	45	Y	8.96
8	3.17		88.8	18	8.0	45	Y	10.21
9	3.21		89.9	18	8.0	45	Y	11.25
10	3.04		85.1	17	8.0	45	Y	9.17
11	2.94		82.3	17	8.0	45	Y	8.75
12	2.72		70.2	17	8.0	44	Y	10.83
13	2.70		75.6	17	8.0	44	Y	11.46
14	2.60		72.8	17	8.0	43	Y	10.83
15	2.53		70.8	17	8.0	43	Y	10.00
16	2.41		67.5	17	8.0	43	Y	10.21
17	2.19		61.3	17	8.0	41	Y	11.88
18	2.21		61.88	17	8.0	42	Y	9.17
19	2.17		60.8	17	8.0	41	Y	8.34
20	2.15		60.2	17	7.8	41	Y	9.79
21	2.11		59.08	17	7.8	41	Y	10.21
22	2.20		61.6	17	7.8	41	Y	10.62
23	2.22		62.2	17	7.8	42	Y	10.00
24	2.27		63.6	17	7.8	42	Y	9.79
25	2.19		61.3	17	7.8	41	Y	8.96
26	2.21		61.88	17	7.8	42	Y	7.50
27	2.29		64.1	17	7.8	42	Y	8.12
28	2.32		65.0	17	7.8	42	Y	8.33
29	2.40		67.2	17	7.8	42	Y	7.92
30	2.43		68.1	17	7.8	43	Y	N/A
31	2.42		67.8	17	7.8	43	Y	N/A

Revised July 2018

<sup>2</sup> If Cl<sub>2</sub> 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

SOURCE NAME: LAKE CREEK

MONTH Oct YEAR 2025

TEST LOCATION CODES:

1 - INFORMATION BOOTH

2 - Chalet

3 - WATER FOUNTAIN

4 - V.C

5 - CHATEAU

6 - GUIDE HOUSE

Total  
131,100

ADDRESS: OREGON CAVES NATIONAL MONUMENT

19000 CAVES HIGHWAY

CAVE JUNCTION, OREGON 97523

1-541-592-2100

PSW ID#: 419 1998

DAY	INITIALS	CHLORINE RESIDUAL		TIME	TEST LOCATION	B TANK CHLORINE ADDED	CHLORINE		METER READING +54,000,000	GAL USED	TURBIDITY		REMARKS
		4	SYS				Set.	Res.			RAW	FINISHED	
		1	SB				2.59	2			0800	2	
2	SB	2.61		0930		—	6.0	2.61	844400	3900	0.485	0.032	Gov Shut down. Starts
3	SB	2.67		1000		—	6.0	2.67	850000	5600	0.317	0.042	
4	SB	2.77		1100		—	6.0	2.77	854300	4300	0.200	0.050	
5	SB	2.90		1015		—	6.0	2.90	859700	5400	0.315	0.041	
6	SB	3.03		1100		—	6.0	3.03	864900	5200	0.228	0.034	
7	SB	3.15		1030		—	4.5	3.15	869200	4300	0.235	0.045	Changed #1
8	SB	3.17		1100		—	4.5	3.17	874100	4900	0.266	0.045	
9	SB	3.21		1130		—	4.5	3.21	879600	5400	0.323	0.036	
10	SB	3.04		1130		—	4.5	3.04	883900	4400	0.289	0.037	
11	SB	2.94		1130		+10ml 2cl	4.5	2.94	888100	4200	0.348	0.049	
12	SB	2.72		1200		—	4.5	2.72	893300	5200	0.320	0.035	
13	SB	2.70		1200		—	4.5	2.70	898800	5500	0.308	0.051	
14	SB	2.60		1145		—	4.5	2.60	904000	5200	0.327	0.038	
15	SB	2.53		1230		—	4.5	2.53	908800	4800	0.297	0.050	
16	SB	2.41		1200		—	4.5	2.41	913700	4900	0.268	0.033	
17	SB	2.14		1130		—	5.0	2.14	919400	5700	0.276	0.033	Changed #3, #4
18	SB	2.21		1230		—	5.0	2.21	923800	4400	0.331	0.042	
19	SB	2.17		1200		—	5.0	2.17	927800	4000	0.341	0.036	
20	SB	2.15		1145		—	5.0	2.15	932500	4700	0.253	0.037	
21	SB	2.11		1200		—	5.0	2.11	937400	4500	0.322	0.049	
22	SB	2.20		1245		+4gal Str	5.0	2.20	942500	5100	0.345	0.039	
23	SB	2.22		1330		—	5.5	2.22	947300	4800	0.279	0.035	Changed #1, 2
24	SB	2.27		1100		—	5.5	2.27	952000	4700	0.260	0.037	
25	SB	2.19		1130		+1.2cl Str	6.5	2.19	956300	4300	0.246	0.030	
26	SB	2.21		1015		—	6.5	2.21	959900	3600	0.218	0.033	
27	SB	2.21		1400		—	6.5	2.21	963800	3900	0.280	0.047	
28	SB	2.32		1100		—	6.5	2.32	967800	4000	0.298	0.032	
29	SB	2.40		1145		—	6.5	2.40	971600	3800	0.335	0.041	Water off. Replacing leaking line in plant
30	SB	2.43		1200		—	6.5	2.43	971600	0	0.230	0.045	
31	SB	2.42		1500		+1.5cl Str	6.5	2.42	971600	0	0.280	0.048	Water on