

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Jun-23

System Name: Lake Selmac - Keller's Landing ID#: 41 WTP ID: 94645 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	60	50	10	70	0.390	0.390
2	60	50	10	70	0.028	0.028
3	60	50	10	70	0.079	0.079
4	65	50	15	70	0.355	0.355
5	65	50	15	70	0.316	0.316
6	65	50	15	70	0.191	0.191
7	65	50	15	70	0.096	0.096
8	70	50	20	70	0.071	0.071
9	50	50	0	70	0.375	0.375
10	50	50	0	70	0.213	0.213
11	50	50	0	70	0.124	0.124
12	50	50	0	70	0.106	0.106
13	50	50	0	70	0.115	0.115
14	50	50	0	70	0.198	0.198
15	50	50	0	70	0.112	0.112
16	50	50	0	70	0.111	0.111
17	50	50	0	70	0.104	0.104
18	55	50	5	70	0.189	0.189
19	55	50	5	70	0.176	0.176
20	55	50	5	70	0.258	0.258
21	55	50	5	70	0.120	0.120
22	55	50	5	70	0.721	0.721
23	55	50	5	70	0.114	0.114
24	55	50	5	70	0.184	0.184
25	55	50	5	70	0.197	0.197
26	55	50	5	70	0.231	0.231
27	55	50	5	70	0.138	0.138
28	60	50	10	70	0.102	0.102
29	60	50	10	70	0.075	0.075
30	60	50	10	70	0.219	0.219
31		50		70		

Cartridge & Bag Filtration	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? Yes	CT's met everyday? (see back) YES	All Cl2 residual at entry point ≥ 0.2 mg/l? YES
All daily turbidity readings ≤ 5 NTU? Yes		

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: _____

SIGNATURE: _____ **DATE:** _____

PHONE #: () _____ **CERT #: 2379**

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-: 94645

System Name: Lake Selmac - Keller's Landing	ID#: 41	Month/Year: Jun-23	Disinfection Giardia 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	1.1	60	66.0	18.9	7.0	21.2	YES	0.184028
2	1.2	60	72.0	18.9	7.0	21.5	YES	0.664352
3	1.2	60	72.0	20.0	7.0	19.9	YES	0.664352
4	1.2	60	72.0	20.0	7.0	19.9	YES	0.664352
5	1.2	60	72.0	20.0	7.1	20.7	YES	0.324074
6	1.2	60	72.0	20.0	7.0	19.9	YES	0.324074
7	1.2	60	72.0	20.0	7.1	20.7	YES	0.324074
8	1.5	60	90.0	20.6	7.1	20.6	YES	0.335069
9	1.5	60	90.0	20.6	7.1	20.6	YES	0.335069
10	1.6	60	96.0	20.6	7.1	20.8	YES	0.335069
11	1.7	60	101.4	21.7	7.1	19.5	YES	0.335069
12	1.6	60	96.0	21.7	7.0	18.6	YES	0.282407
13	1.5	60	90.0	21.1	7.1	19.8	YES	0.282407
14	1.6	60	96.6	21.1	7.1	20.1	YES	0.282407
15	1.6	60	96.0	21.7	7.1	19.3	YES	0.935764
16	1.5	60	90.0	22.2	7.1	18.4	YES	0.935764
17	1.5	60	90.0	22.2	7.1	18.4	YES	0.935764
18	1.5	60	90.0	21.7	7.1	19.1	YES	0.935764
19	1.5	60	90.0	21.7	7.0	18.4	YES	0.277778
20	1.1	60	66.0	20.0	7.1	20.4	YES	0.277778
21	1.1	60	66.0	20.6	7.1	19.7	YES	0.819444
22	1.1	60	66.0	21.1	7.0	18.3	YES	0.819444
23	1.2	60	72.0	21.1	7.0	18.5	YES	1.997685
24	1.2	60	72.0	21.1	7.0	18.5	YES	1.997685
25	1.0	60	60.0	21.7	7.0	17.4	YES	1.997685
26	1.0	60	60.0	21.7	7.0	17.4	YES	0.178241
27	1.0	60	60.0	22.8	7.1	16.7	YES	0.178241
28	0.5	60	30.0	23.3	7.1	15.2	YES	0.178241
29	0.6	60	36.0	22.8	7.1	16.0	YES	0.178241
30	0.6	60	36.0	23.9	7.1	14.8	YES	0.178241
31		60						0

² If Cl₂ at entry point < 0.2 mg/l or CT not met, notify

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