

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Jan-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 <sup>1</sup> [NTU]
1	50	50	0	70	0.391	0.391
2	50	50	0	70	0.343	0.343
3	50	50	0	70	0.261	0.261
4	50	50	0	70	0.131	0.131
5	50	50	0	70	0.092	0.092
6	55	50	5	70	0.051	0.051
7	55	50	5	70	0.072	0.072
8	55	50	5	70	0.139	0.139
9	55	50	5	70	0.139	0.139
10	55	50	5	70	0.149	0.149
11	55	50	5	70	0.063	0.063
12	55	50	5	70	0.061	0.061
13	55	50	5	70	0.242	0.242
14	55	50	5	70	0.352	0.352
15	55	50	5	70	0.178	0.178
16	55	50	5	70	0.093	0.093
17	60	50	10	70	0.061	0.061
18	60	50	10	70	0.091	0.091
19	60	50	10	70	0.169	0.169
20	60	50	10	70	0.172	0.172
21	60	50	10	70	0.113	0.113
22	60	50	10	70	0.159	0.159
23	60	50	10	70	0.132	0.132
24	60	50	10	70	0.256	0.256
25	65	50	15	70	0.167	0.167
26	65	50	15	70	0.166	0.166
27	65	50	15	70	0.171	0.171
28	65	50	15	70	0.051	0.051
29	65	50	15	70	0.215	0.215
30	65	50	15	70	0.127	0.127
31	65	50	15	70	0.083	0.083

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

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

<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.

## OHA - Drinking Water Services - Surface Water Quality Data Form

WTP -: 94645

System Name:	Lake Selmac - Keller's Landing	ID#: 41	Month/Year:	Jan-23	Disinfection <i>Giardia</i> Log Inactiv:	1
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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	0.8	60	48.0	7.2	6.9	43.7	YES	0.069444
2	0.8	60	48.0	7.2	6.9	43.7	YES	0.069444
3	0.8	60	48.0	7.2	6.9	43.7	YES	0.069444
4	0.8	60	48.0	7.2	6.9	43.7	YES	0.145833
5	0.8	60	48.0	7.8	7.2	46.8	YES	0.118056
6	1.0	60	60.0	7.8	7.2	47.9	YES	0.118056
7	1.2	60	72.0	7.8	7.2	49.0	YES	0.838542
8	1.2	60	72.0	7.8	7.0	45.7	YES	0.838542
9	1.2	60	72.0	7.8	7.0	45.7	YES	0.838542
10	0.8	60	48.0	7.8	7.0	43.6	YES	0.838542
11	0.8	60	48.0	7.8	7.0	43.6	YES	0.953704
12	0.8	60	48.0	7.8	7.0	43.6	YES	0.953704
13	0.8	60	48.0	8.9	7.0	40.6	YES	0.953704
14	0.8	60	48.0	8.9	7.0	40.6	YES	0.088542
15	0.8	60	48.0	8.9	7.0	40.6	YES	0.088542
16	0.8	60	48.0	7.8	6.9	42.1	YES	0.088542
17	0.8	60	48.0	7.8	6.9	42.1	YES	0.088542
18	0.8	60	48.0	7.8	6.9	42.1	YES	0.111111
19	0.8	60	48.0	7.8	6.9	42.1	YES	0.399306
20	1.0	60	60.0	7.8	6.9	43.1	YES	0.399306
21	1.1	60	66.0	7.8	6.9	43.6	YES	0.0625
22	1.2	60	72.0	7.8	6.9	44.1	YES	0.0625
23	1.5	60	90.0	7.8	7.0	47.2	YES	0.0625
24	1.5	60	90.0	7.8	6.9	45.6	YES	0.0625
25	1.5	60	90.0	7.8	7.0	47.2	YES	0.185185
26	1.5	60	90.0	6.1	7.0	52.8	YES	0.185185
27	1.9	60	114.0	6.1	7.0	55.3	YES	0.185185
28	2.0	60	120.0	6.1	7.0	55.9	YES	0.219907
29	1.8	60	108.0	6.1	7.0	54.7	YES	0.219907
30	1.2	60	72.0	6.1	7.0	51.0	YES	0.219907
31	1.2	60	72.0	6.1	7.0	51.0	YES	0.219907

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