

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Sep-24

System Name: Lake Selmac - Osprey ID#: 41 WTP ID: 90186 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	40	40	0	20	0.066	0.066
2	40	40	0	20	0.067	0.067
3	40	40	0	20	0.069	0.069
4	40	40	0	20	0.070	0.070
5	40	40	0	20	0.070	0.070
6	40	40	0	20	0.068	0.068
7	40	40	0	20	0.070	0.070
8	40	40	0	20	0.070	0.070
9	40	40	0	20	0.072	0.072
10	40	40	0	20	0.068	0.068
11	40	40	0	20	0.068	0.068
12	40	40	0	20	0.070	0.070
13	40	40	0	20	0.068	0.068
14	45	40	5	20	0.071	0.071
15	45	40	5	20	0.072	0.072
16	45	40	5	20	0.069	0.069
17	45	40	5	20	0.073	0.073
18	45	40	5	20	0.081	0.081
19	45	40	5	20	0.084	0.084
20	45	40	5	20	0.069	0.069
21	45	40	5	20	0.070	0.070
22	45	40	5	20	0.071	0.071
23	45	40	5	20	0.066	0.066
24	45	40	5	20	0.083	0.083
25	45	40	5	20	0.076	0.076
26	45	40	5	20	0.078	0.078
27	45	40	5	20	0.121	0.121
28	45	40	5	20	0.071	0.071
29	45	40	5	20	0.069	0.069
30	45	40	5	20	0.071	0.071
31		40		20		

<b>Cartridge &amp; Bag Filtration</b>			
95% of daily turbidity readings ≤ 1 NTU?	<b>Yes</b>	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	<b>Yes</b>	<b>YES</b>	<b>YES</b>

<b>Notes: PSI = pounds per square inch</b> <b>PSID = pounds per square inch difference (before filter - after filter)</b> <b>PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter, at what PSID.</b>	<b>PRINTED NAME:</b>	
	<b>SIGNATURE:</b>	<b>DATE:</b>
	<b>PHONE #: (     )</b>	<b>CERT #: 2379</b>

<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.

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WTP-: 90186

<b>System Name:</b>	<b>Lake Selmac - Osprey</b>	<b>ID#: 41</b>	<b>Month/Year:</b>	<b>Sep-24</b>	<b>Disinfection Giardia Log Inactiv:</b>	<b>1</b>
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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]	<b>C X T</b>	[° C]		formula	Yes / No	[GPM]
1	1.7	40	68.0	20.0	7.3	23.6	YES	1.361111
2	1.6	40	64.0	20.0	7.4	24.2	YES	0.45833
3	1.6	40	64.0	21.0	7.7	25.3	YES	0.458333
4	1.2	40	48.0	21.0	7.8	25.1	YES	0.54167
5	1.3	40	52.0	21.0	7.2	20.3	YES	0.541667
6	1.3	40	52.0	20.0	7.2	21.7	YES	0.64236
7	1.2	40	48.0	20.0	7.3	22.3	YES	0.642361
8	1.2	40	48.0	20.0	7.4	23.1	YES	0.77431
9	1.3	40	52.0	20.0	7.4	23.4	YES	0.774306
10	1.2	40	48.0	19.0	7.5	25.7	YES	0.60764
11	1.1	40	44.0	19.0	7.2	22.7	YES	0.607639
12	1.2	40	48.0	18.0	7.2	24.6	YES	0.5625
13	1.2	40	48.0	18.0	7.2	24.6	YES	0.5625
14	1.1	40	44.0	18.0	7.4	26.2	YES	0.11458
15	1.3	40	52.0	19.0	7.5	26.0	YES	0.114583
16	1.1	40	44.0	18.0	7.2	24.3	YES	0.19792
17	1.0	40	40.0	16.0	7.2	27.4	YES	0.197917
18	1.0	40	40.0	17.0	7.5	28.7	YES	0.34375
19	1.0	40	40.0	18.0	7.3	24.9	YES	0.34375
20	1.1	40	44.0	17.0	7.3	26.9	YES	0.668056
21	1.2	40	48.0	18.0	7.4	26.5	YES	0.74931
22	1.2	40	48.0	18.0	7.5	27.5	YES	0.749306
23	1.0	40	40.0	18.0	7.3	24.9	YES	0.71528
24	1.2	40	48.0	19.0	7.5	25.7	YES	0.715278
25	1.3	40	52.0	19.0	7.3	24.1	YES	0.53125
26	1.2	40	48.0	18.0	7.6	28.5	YES	0.53125
27	1.0	40	40.0	18.0	7.4	25.9	YES	0.61458
28	1.2	40	48.0	18.0	7.4	26.5	YES	0.614583
29	1.1	40	44.0	17.0	7.4	28.0	YES	0.78819
30	1.1	40	44.0	17.0	7.5	29.0	YES	0.788194
31		40						

<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