

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Aug-23

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	50	40	10	60	0.104	0.104
2	50	40	10	60	0.111	0.111
3	55	40	15	60	0.080	0.080
4	55	40	15	60	0.071	0.071
5	55	40	15	60	0.052	0.052
6	55	40	15	60	0.178	0.178
7	55	40	15	60	0.097	0.097
8	55	40	15	60	0.078	0.078
9	55	40	15	60	0.096	0.096
10	55	40	15	60	0.110	0.110
11	55	40	15	60	0.042	0.042
12	55	40	15	60	0.057	0.057
13	55	40	15	60	0.189	0.189
14	55	40	15	60	0.214	0.214
15	60	40	20	60	0.071	0.071
16	40	40	0	60	0.460	0.460
17	40	40	0	60	0.157	0.157
18	40	40	0	60	0.179	0.179
19	45	40	5	60	0.181	0.181
20	45	40	5	60	0.166	0.166
21	45	40	5	60	0.232	0.232
22	45	40	5	60	0.166	0.166
23	45	40	5	60	0.099	0.099
24	50	40	10	60	0.136	0.136
25	50	40	10	60	0.097	0.097
26	50	40	10	60	0.162	0.162
27	50	40	10	60	0.187	0.187
28	55	40	15	60	0.167	0.167
29	55	40	15	60	0.094	0.094
30	55	40	15	60	0.121	0.121
31	55	40	15	60	0.443	0.443

<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>Aug-23</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]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.4	40	56.0	22.8	7.1	17.5	YES	1.784722
2	1.5	40	60.0	23.3	7.1	17.1	YES	3.410131
3	1.5	40	60.0	23.3	7.1	17.1	YES	3.410131
4	1.5	40	60.0	23.9	7.1	16.4	YES	3.410131
5	1.3	40	52.0	23.9	7.1	16.1	YES	3.410131
6	1.2	40	48.0	24.4	7.2	15.9	YES	3.410131
7	1.3	40	52.0	24.4	7.0	14.9	YES	3.410131
8	1.3	40	52.0	23.9	7.1	16.1	YES	3.410131
9	1.0	40	40.0	23.3	7.1	16.1	YES	3.410131
10	1.0	40	40.0	23.9	7.1	15.5	YES	3.410131
11	1.0	40	40.0	24.4	7.1	14.9	YES	3.410131
12	0.9	40	36.0	23.9	7.1	15.3	YES	3.410131
13	0.9	40	36.0	23.3	7.2	16.5	YES	3.410131
14	0.8	40	32.0	24.4	7.2	15.1	YES	3.410131
15	0.8	40	32.0	23.9	7.1	15.1	YES	3.410131
16	0.9	40	36.0	25.0	7.1	14.2	YES	3.410131
17	0.9	40	36.0	25.0	7.0	13.7	YES	3.410131
18	0.7	40	28.0	24.4	7.1	14.4	YES	3.410131
19	0.6	40	24.0	23.9	7.1	14.8	YES	1.090278
20	0.6	40	24.0	23.9	7.2	15.4	YES	1.090278
21	0.6	40	24.0	23.3	7.0	14.8	YES	1.090278
22	0.6	40	24.0	22.2	7.1	16.6	YES	0.636574
23	0.5	40	20.0	22.2	7.1	16.4	YES	0.423611
24	0.6	40	24.0	22.8	7.2	16.6	YES	0.423611
25	0.7	40	28.0	22.2	8.0	23.5	YES	0.986111
26	0.7	40	28.0	21.7	7.2	18.1	YES	0.986111
27	0.6	40	24.0	21.7	7.1	17.2	YES	0.986111
28	0.5	40	20.0	21.7	7.0	16.4	YES	0.895833
29	0.6	40	24.0	22.8	7.1	16.0	YES	0.895833
30	0.7	40	28.0	22.2	7.2	17.4	YES	0.895833
31	0.6	40	24.0	20.0	7.0	18.6	YES	0.877315

<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