

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Mar-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	50	40	10	20	0.379	0.379
2	50	40	10	20	0.214	0.214
3	50	40	10	20	0.214	0.214
4	55	40	15	20	0.248	0.248
5	55	40	15	20	0.317	0.317
6	55	40	15	20	0.417	0.417
7	55	40	15	20	0.316	0.316
8	55	40	15	20	0.213	0.213
9	55	40	15	20	0.218	0.218
10	55	40	15	20	0.217	0.217
11	60	40	20	20	0.221	0.221
12	40	40	0	20	0.319	0.319
13	40	40	0	20	0.242	0.242
14	40	40	0	20	0.252	0.252
15	40	40	0	20	0.341	0.341
16	40	40	0	20	0.257	0.257
17	40	40	0	20	0.431	0.431
18	40	40	0	20	0.418	0.418
19	40	40	0	20	0.419	0.419
20	40	40	0	20	0.432	0.432
21	45	40	5	20	0.441	0.441
22	45	40	5	20	0.420	0.420
23	45	40	5	20	0.400	0.400
24	45	40	5	20	0.319	0.319
25	45	40	5	20	0.307	0.307
26	45	40	5	20	0.341	0.341
27	45	40	5	20	0.209	0.209
28	45	40	5	20	0.202	0.202
29	45	40	5	20	0.156	0.156
30	45	40	5	20	0.129	0.129
31	50	40	10	20	0.142	0.142

<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>

**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.**

<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.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP-: 90186

<b>System Name:</b>	<b>Lake Selmac - Osprey</b>	<b>ID#: 41</b>	<b>Month/Year:</b>	<b>Mar-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]	C X T	[° C]		formula	Yes / No	[GPM]
1	2.1	40	84.0	9.0	7.8	62.1	YES	0.055556
2	2.0	40	80.0	9.0	7.6	57.1	YES	0.055556
3	2.1	40	84.0	10.0	7.5	52.1	YES	0.055556
4	2.0	40	80.0	9.0	7.6	57.1	YES	0.087963
5	2.0	40	80.0	9.0	7.8	61.4	YES	0.087963
6	2.0	40	80.0	9.0	7.8	61.4	YES	0.087963
7	1.9	40	76.0	9.0	7.6	56.5	YES	0.155093
8	1.8	40	72.0	9.0	7.7	57.9	YES	0.155093
9	1.8	40	72.0	9.0	7.8	60.0	YES	0.155093
10	2.0	40	80.0	9.0	7.2	49.5	YES	0.155093
11	1.9	40	76.0	10.0	7.3	47.4	YES	0.163194
12	2.3	40	92.0	10.0	7.1	46.3	YES	0.163194
13	2.6	40	104.0	10.0	7.3	51.4	YES	0.159722
14	3.4	40	136.0	10.0	7.4	58.4	YES	0.159722
15	3.8	40	152.0	10.0	7.4	61.2	YES	0.222222
16	3.5	40	140.0	10.3	7.7	64.6	YES	0.222222
17	3.3	40	132.0	10.0	7.6	62.1	YES	0.222222
18	3.3	40	132.0	11.0	7.6	58.0	YES	0.222222
19	3.0	40	120.0	10.0	7.6	59.9	YES	0.222222
20	3.2	40	128.0	11.0	7.3	51.5	YES	0.466667
21	3.2	40	128.0	10.9	7.4	53.7	YES	0.466667
22	3.1	40	124.0	10.5	7.4	54.6	YES	0.288194
23	3.0	40	120.0	10.0	7.4	55.8	YES	0.288194
24	3.1	40	124.0	10.0	7.2	52.5	YES	0.288194
25	2.9	40	116.0	10.0	7.1	49.5	YES	0.288194
26	2.9	40	116.0	10.8	7.2	48.7	YES	0.534722
27	2.7	40	108.0	10.7	7.4	51.4	YES	0.534722
28	2.4	40	96.0	9.0	7.4	55.7	YES	0.434028
29	2.5	40	100.0	8.0	7.2	56.1	YES	0.434028
30	2.7	40	108.0	10.0	7.5	55.8	YES	0.434028
31	2.6	40	104.0	10.0	7.2	49.6	YES	0.434028

<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