

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Dec-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	45	40	5	60	0.278	0.278
2	45	40	5	60	0.244	0.244
3	45	40	5	60	0.231	0.231
4	45	40	5	60	0.341	0.341
5	45	40	5	60	0.141	0.141
6	45	40	5	60	0.160	0.160
7	45	40	5	60	0.221	0.221
8	45	40	5	60	0.171	0.171
9	45	40	5	60	0.189	0.189
10	45	40	5	60	0.219	0.219
11	45	40	5	60	0.197	0.197
12	45	40	5	60	0.383	0.383
13	45	40	5	60	0.237	0.237
14	45	40	5	60	0.279	0.279
15	45	40	5	60	0.262	0.262
16	45	40	5	60	0.281	0.281
17	50	40	10	60	0.272	0.272
18	50	40	10	60	0.184	0.184
19	50	40	10	60	0.565	0.565
20	50	40	10	60	0.191	0.191
21	50	40	10	60	0.241	0.241
22	50	40	10	60	0.137	0.137
23	50	40	10	60	0.185	0.185
24	50	40	10	60	0.176	0.176
25	50	40	10	60	0.248	0.248
26	50	40	10	60	0.184	0.184
27	50	40	10	60	0.208	0.208
28	50	40	10	60	0.618	0.618
29	50	40	10	60	0.514	0.514
30	50	40	10	60	0.287	0.287
31	50	40	10	60	0.218	0.218

<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>Dec-23</b>	<b>Disinfection <i>Giardia</i> 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	1.5	40	60.0	6.2	7.1	54.4	YES	1.041667
2	1.3	40	52.0	6.8	7.0	49.3	YES	1.041667
3	1.4	40	56.0	7.0	7.0	49.2	YES	1.041667
4	1.3	40	52.0	8.5	6.4	35.6	YES	0.789352
5	1.4	40	56.0	6.2	7.0	51.9	YES	0.789352
6	1.4	40	56.0	6.2	7.0	51.9	YES	0.789352
7	1.3	40	52.0	6.4	7.0	50.6	YES	0.789352
8	1.3	40	52.0	6.8	7.0	49.3	YES	0.789352
9	1.4	40	56.0	6.3	7.1	53.4	YES	0.789352
10	1.3	40	52.0	7.0	7.1	50.4	YES	0.789352
11	1.5	40	60.0	7.0	7.1	51.6	YES	0.766204
12	1.5	40	60.0	5.9	7.0	53.6	YES	0.766204
13	1.4	40	56.0	5.9	7.1	54.9	YES	0.766204
14	1.5	40	60.0	5.7	7.0	54.3	YES	0.858796
15	1.4	40	56.0	5.7	7.0	53.7	YES	0.858796
16	1.2	40	48.0	8.0	7.0	45.0	YES	0.858796
17	1.3	40	52.0	8.0	7.1	47.1	YES	0.858796
18	1.3	40	52.0	9.0	6.9	41.1	YES	0.858796
19	1.1	40	44.0	10.9	7.0	36.8	YES	0.738889
20	1.2	40	48.0	11.4	7.0	36.0	YES	0.738889
21	1.0	40	40.0	10.4	7.0	37.6	YES	1.1875
22	1.3	40	52.0	9.8	7.0	40.4	YES	0.726389
23	1.2	40	48.0	9.3	7.0	41.3	YES	0.726389
24	1.1	40	44.0	9.5	7.1	41.7	YES	0.726389
25	1.0	40	40.0	10.0	7.1	40.0	YES	0.726389
26	1.2	40	48.0	9.5	7.1	42.2	YES	0.726389
27	1.1	40	44.0	8.3	7.0	43.6	YES	0.726389
28	1.3	40	52.0	8.9	7.0	42.9	YES	0.726389
29	1.1	40	44.0	9.2	7.0	41.1	YES	0.726389
30	1.0	40	40.0	9.7	7.0	39.4	YES	0.726389
31	1.0	40	40.0	10.0	6.9	37.3	YES	0.726389

<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