

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Jul-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	55	40	15	20	0.069	0.069
2	55	40	15	20	0.062	0.062
3	55	40	15	20	0.065	0.065
4	40	40	0	20	0.069	0.069
5	40	40	0	20	0.063	0.063
6	40	40	0	20	0.062	0.062
7	40	40	0	20	0.059	0.059
8	40	40	0	20	0.061	0.061
9	45	40	5	20	0.063	0.063
10	45	40	5	20	0.075	0.075
11	45	40	5	20	0.062	0.062
12	45	40	5	20	0.072	0.072
13	45	40	5	20	0.062	0.062
14	45	40	5	20	0.063	0.063
15	45	40	5	20	0.063	0.063
16	50	40	10	20	0.062	0.062
17	50	40	10	20	0.061	0.061
18	50	40	10	20	0.064	0.064
19	50	40	10	20	0.059	0.059
20	50	40	10	20	0.061	0.061
21	50	40	10	20	0.060	0.060
22	50	40	10	20	0.054	0.054
23	50	40	10	20	0.047	0.047
24	50	40	10	20	0.059	0.059
25	50	40	10	20	0.059	0.059
26	50	40	10	20	0.057	0.057
27	50	40	10	20	0.069	0.069
28	55	40	15	20	0.057	0.057
29	55	40	15	20	0.059	0.059
30	55	40	15	20	0.059	0.059
31	55	40	15	20	0.058	0.058

<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>Jul-24</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	3.4	40	136.0	21.0	7.4	27.8	YES	0.770833
2	3.7	40	148.0	21.0	7.4	28.8	YES	0.625
3	3.5	40	140.0	21.0	7.3	27.1	YES	0.604167
4	3.2	40	128.0	21.0	7.3	26.2	YES	0.916667
5	2.7	40	108.0	22.0	7.4	24.0	YES	1.608333
6	2.8	40	112.0	22.0	7.3	23.4	YES	0.745833
7	2.9	40	116.0	22.0	7.3	23.7	YES	2.104167
8	3.1	40	124.0	23.0	7.3	22.6	YES	0.479167
9	2.9	40	116.0	24.0	7.3	20.7	YES	1.680556
10	3.0	40	120.0	24.0	7.3	20.9	YES	0.270833
11	3.0	40	120.0	23.0	7.3	22.4	YES	2.013889
12	2.9	40	116.0	23.0	7.4	23.0	YES	2.319444
13	2.9	40	116.0	24.0	7.4	21.5	YES	0.951389
14	3.3	40	132.0	24.0	7.5	23.3	YES	1.225694
15	3.1	40	124.0	24.0	7.3	21.2	YES	0.774306
16	3.3	40	132.0	25.0	7.3	20.3	YES	1.229167
17	3.6	40	144.0	25.0	7.3	21.0	YES	0.722222
18	3.4	40	136.0	24.0	7.3	21.9	YES	1.234722
19	3.6	40	144.0	24.0	7.3	22.4	YES	0.841667
20	3.2	40	128.0	24.0	7.4	22.2	YES	1.298611
21	3.7	40	148.0	24.0	7.4	23.6	YES	0.777778
22	3.4	40	136.0	24.0	7.4	22.8	YES	0.763889
23	2.8	40	112.0	24.0	7.3	20.5	YES	1.652778
24	2.3	40	92.0	23.0	7.3	20.7	YES	3.590278
25	2.5	40	100.0	24.0	7.5	21.3	YES	3.258333
26	2.0	40	80.0	24.0	7.3	18.6	YES	1.622222
27	2.0	40	80.0	23.0	7.4	20.7	YES	3.543056
28	2.2	40	88.0	24.0	7.3	19.1	YES	2.381944
29	2.2	40	88.0	24.0	7.3	19.1	YES	1.388889
30	1.9	40	76.0	24.0	7.1	17.1	YES	0.888889
31	1.9	40	76.0	24.0	7.3	18.4	YES	0.88333

<sup>2</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

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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