

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Oct-23

System Name: Lake Selmac - Keller's Landing ID#: 41 WTP ID: 94645 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	60	60	0	25	0.155	0.155
2	52	52	0	25	0.136	0.136
3	55	55	0	25	0.131	0.131
4	55	55	0	25	0.102	0.102
5	52	52	0	25	0.101	0.101
6	50	50	0	25	0.112	0.112
7	55	55	0	25	1.910	1.910
8	55	55	0	25	0.105	0.105
9	55	55	0	25	0.105	0.105
10	55	55	0	25	0.113	0.113
11	52	52	0	25	0.169	0.169
12	50	50	0	25	0.133	0.133
13	55	55	0	25	0.110	0.110
14	55	55	0	25	0.118	0.118
15	53	53	0	25	0.169	0.169
16	55	55	0	25	0.168	0.168
17	60	60	0	25	0.152	0.152
18	55	55	0	25	0.170	0.170
19	55	55	0	25	0.116	0.116
20	53	53	0	25	0.168	0.168
21	55	55	0	25	0.168	0.168
22	55	55	0	25	0.161	0.161
23	52	52	0	25	0.172	0.172
24	60	60	0	25	0.161	0.161
25	55	55	0	25	0.163	0.163
26	50	50	0	25	0.157	0.157
27	53	53	0	25	0.165	0.165
28	55	55	0	25	0.150	0.150
29	55	55	0	25	0.142	0.142
30	54	54	0	25	0.181	0.181
31	55	55	0	25	0.155	0.155

Cartridge & Bag Filtration	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU?	Yes	CT's met everyday? (see back)
All daily turbidity readings ≤ 5 NTU?	Yes	All Cl2 residual at entry point ≥ 0.2 mg/l?
		YES
		YES

<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.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP-: 94645

<b>System Name:</b> Lake Selmac - Keller's Landing	<b>ID#: 41</b>	<b>Month/Year:</b> Oct-23	<b>Disinfection <i>Giardia</i> Log Inactiv:</b> 0.5
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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	1.8	109.6	197.3	15.0	7.8	20.1	YES	5
2	1.2	84.96124031	102.0	14.6	7.5	17.2	YES	6.45
3	1.8	156.5714286	281.8	18.3	8.1	18.0	YES	3.5
4	1.6	188.9655172	302.3	18.4	7.8	15.6	YES	2.9
5	1.9	182.6666667	347.1	18.5	7.7	15.5	YES	3
6	1.2	219.2	263.0	18.8	7.7	14.0	YES	2.5
7	1.6	130.4761905	208.8	16.1	7.8	18.2	YES	4.2
8	1.5	182.6666667	274.0	18.6	7.8	15.3	YES	3
9	1.5	182.6666667	274.0	18.5	7.8	15.4	YES	3
10	1.9	182.6666667	347.1	17.3	8.3	20.9	YES	3
11	2.1	182.6666667	383.6	17.0	7.6	16.9	YES	3
12	1.8	219.2	394.6	16.0	7.6	17.4	YES	2.5
13	1.9	166.0606061	315.5	16.6	8.0	19.6	YES	3.3
14	1.8	133.6585366	240.6	16.4	7.5	16.4	YES	4.1
15	1.8	156.5714286	281.8	16.0	7.9	19.5	YES	3.5
16	1.6	130.4761905	208.8	16.0	7.9	19.0	YES	4.2
17	1.4	156.5714286	219.2	16.1	8.1	19.9	YES	3.5
18	1.3	219.2	285.0	16.0	8.0	19.1	YES	2.5
19	2.0	161.1764706	322.4	18.5	8.6	21.8	YES	3.4
20	1.8	156.5714286	281.8	17.0	8.0	18.9	YES	3.5
21	2.1	137	287.7	17.0	7.9	18.9	YES	4
22	1.5	156.5714286	234.9	16.0	8.0	19.5	YES	3.5
23	1.8	109.6	197.3	16.0	7.8	18.8	YES	5
24	1.3	156.5714286	203.5	17.0	8.1	18.5	YES	3.5
25	1.5	156.5714286	234.9	16.0	8.3	21.8	YES	3.5
26	1.6	99.63636364	159.4	12.7	8.4	28.5	YES	5.5
27	0.9	99.63636364	89.7	11.0	8.2	27.3	YES	5.5
28	1.6	176.7741935	282.8	12.9	7.8	22.5	YES	3.1
29	1.6	91.33333333	146.1	14.0	8.1	23.4	YES	6
30	1.4	99.63636364	139.5	14.0	7.9	21.2	YES	5.5
31	2.1	182.6666667	383.6	12.0	7.5	22.8	YES	3

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

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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