

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: May-24

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	55	55	0	25	0.045	0.045
2	55	55	0	25	0.026	0.026
3	55	55	0	25	0.028	0.028
4	55	55	0	25	0.027	0.027
5	55	55	0	25	0.031	0.031
6	50	50	0	25	0.026	0.026
7	55	55	0	25	0.022	0.022
8	55	55	0	25	0.022	0.022
9	55	55	0	25	0.094	0.094
10	50	50	0	25	0.020	0.020
11	55	55	0	25	0.033	0.033
12	54	54	0	25	0.026	0.026
13	55	55	0	25	0.025	0.025
14	55	55	0	25	0.024	0.024
15	55	55	0	25	0.027	0.027
16	55	55	0	25	0.038	0.038
17	55	55	0	25	0.022	0.022
18	55	55	0	25	0.024	0.024
19	55	55	0	25	0.026	0.026
20	50	50	0	25	0.031	0.031
21	55	55	0	25	0.021	0.021
22	55	55	0	25	0.023	0.023
23	55	55	0	25	0.026	0.026
24	55	55	0	25	0.023	0.023
25	55	55	0	25	0.027	0.027
26	50	50	0	25	0.031	0.031
27	55	55	0	25	0.027	0.027
28	55	55	0	25	0.024	0.024
29	55	55	0	25	0.025	0.025
30	55	55	0	25	0.025	0.025
31	55	55	0	25	0.033	0.033

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

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.

PRINTED NAME: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PHONE #: ( ) \_\_\_\_\_ CERT #: 2379

<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> May-24	<b>Disinfection <i>Giardia</i> Log Inactiv:</b> 0.5
--	----------------	---------------------------	---

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	1.9	84.30769231	160.2	1.4	7.9	53.2	YES	6.5
2	1.7	88.38709677	150.3	13.3	7.6	20.6	YES	6.2
3	1.9	80.58823529	153.1	13.8	7.8	22.0	YES	6.8
4	1.8	88.38709677	159.1	13.0	8.3	27.5	YES	6.2
5	1.3	78.28571429	101.8	12.0	7.9	24.0	YES	7
6	1.6	91.33333333	146.1	12.0	8.1	26.7	YES	6
7	1.1	86.98412698	95.7	11.2	7.8	23.9	YES	6.3
8	1.9	121.7777778	231.4	12.8	7.6	21.8	YES	4.5
9	2.3	137	315.1	15.5	7.5	18.4	YES	4
10	1.7	144.2105263	245.2	14.6	7.8	20.4	YES	3.8
11	1.4	80.58823529	112.8	16.4	8.4	21.8	YES	6.8
12	1.5	84.30769231	126.5	16.0	8.4	22.6	YES	6.5
13	1.7	78.28571429	133.1	17.0	7.4	15.0	YES	7
14	2.3	94.48275862	217.3	17.0	7.2	14.9	YES	5.8
15	1.7	88.38709677	150.3	18.0	7.6	15.1	YES	6.2
16	1.5	121.7777778	182.7	18.2	7.5	14.0	YES	4.5
17	0.7	140.5128205	98.4	18.7	7.6	12.8	YES	3.9
18	1.8	77.18309859	138.9	16.6	7.5	16.1	YES	7.1
19	1.6	78.28571429	125.3	17.0	8.1	19.2	YES	7
20	1.8	84.30769231	151.8	16.0	8.2	21.7	YES	6.5
21	1.7	78.28571429	133.1	15.1	8.0	21.2	YES	7
22	1.2	77.18309859	92.6	15.7	7.5	16.0	YES	7.1
23	1.8	86.98412698	156.6	14.0	8.3	25.7	YES	6.3
24	1.9	92.88135593	176.5	16.2	7.6	17.4	YES	5.9
25	2.2	101.4814815	223.3	17.1	8.3	21.9	YES	5.4
26	2.1	84.30769231	177.0	16.0	8.9	29.1	YES	6.5
27	1.7	148.1081081	251.8	17.0	8.8	25.1	YES	3.7
28	1.1	121.7777778	134.0	18.0	8.3	18.3	YES	4.5
29	1.0	114.1666667	114.2	17.3	8.5	20.4	YES	4.8
30	1.2	88.38709677	106.1	17.7	8.0	16.9	YES	6.2
31	1.8	80.58823529	145.1	16.5	8.3	21.8	YES	6.8

<sup>2</sup> If Cl2 at entry point < 0.2 mg/l or CT not met, notify

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