

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Mar-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 ¹ [NTU]
1	65	50	15	70	0.051	0.051
2	65	50	15	70	0.071	0.071
3	65	50	15	70	0.092	0.092
4	65	50	15	70	0.038	0.038
5	65	50	15	70	0.025	0.025
6	65	50	15	70	0.041	0.041
7	65	50	15	70	0.131	0.131
8	65	50	15	70	0.037	0.037
9	65	50	15	70	0.057	0.057
10	65	50	15	70	0.093	0.093
11	65	50	15	70	0.162	0.162
12	65	50	15	70	0.131	0.131
13	65	50	15	70	0.080	0.080
14	65	50	15	70	0.241	0.241
15	65	50	15	70	0.072	0.072
16	65	50	15	70	0.231	0.231
17	65	50	15	70	0.141	0.141
18	65	50	15	70	0.014	0.014
19	65	50	15	70	0.312	0.312
20	65	50	15	70	0.121	0.121
21	65	50	15	70	0.112	0.112
22	65	50	15	70	0.103	0.103
23	65	50	15	70	0.195	0.195
24	65	50	15	70	0.199	0.199
25	65	50	15	70	0.180	0.180
26	65	50	15	70	0.196	0.196
27	65	50	15	70	0.292	0.292
28	65	50	15	70	0.277	0.277
29	65	50	15	70	0.341	0.341
30	65	50	15	70	0.060	0.060
31	65	50	15	70	0.054	0.054

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

¹ 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

System Name:	Lake Selmac - Keller's Landing	ID#: 41	Month/Year:	Mar-23	Disinfection <i>Giardia</i> Log Inactiv:	1
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Date / Time	Minimum Cl ₂ Residual at 1st User (C) ²	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ²	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.8	60	108.0	5.6	7.2	61.0	YES	0.149306
2	4.3	60	258.0	5.8	7.1	77.4	YES	0.149306
3	3.0	60	180.0	5.6	7.2	70.2	YES	0.149306
4	2.9	60	174.0	5.6	7.2	69.4	YES	0.149306
5	2.8	60	168.0	5.6	7.2	68.6	YES	0.149306
6	2.8	60	168.0	5.6	7.2	68.6	YES	0.149306
7	2.5	60	150.0	5.0	7.2	68.8	YES	0.149306
8	2.1	60	126.0	4.4	7.2	68.2	YES	0.149306
9	2.3	60	138.0	4.4	7.2	69.8	YES	0.253472
10	2.3	60	138.0	4.4	7.2	69.8	YES	0.253472
11	2.7	60	162.0	4.4	7.2	73.1	YES	0.104167
12	2.6	60	156.0	4.4	7.0	67.2	YES	0.038194
13	2.4	60	144.0	4.4	7.0	65.6	YES	0.038194
14	2.2	60	132.0	4.7	7.1	65.5	YES	1.027778
15	2.1	60	126.0	5.0	7.1	63.3	YES	0.034722
16	2.1	60	126.0	5.6	7.1	60.9	YES	0.034722
17	2.1	60	126.0	6.1	7.1	58.7	YES	0.204861
18	2.5	60	150.0	6.1	7.1	61.5	YES	0.204861
19	2.3	60	138.0	7.2	7.1	55.7	YES	0.024306
20	2.3	60	138.0	6.8	7.1	57.4	YES	0.024306
21	2.3	60	138.0	7.2	7.1	55.7	YES	0.100694
22	2.5	60	150.0	7.2	7.1	57.0	YES	0.100694
23	2.5	60	150.0	7.8	7.1	54.9	YES	0.114583
24	2.5	60	150.0	7.8	7.1	54.9	YES	0.114583
25	2.5	60	150.0	7.8	7.1	54.9	YES	0.534722
26	2.3	60	138.0	7.8	7.1	53.7	YES	0.534722
27	2.2	60	132.0	8.3	7.0	49.3	YES	0.534722
28	2.1	60	126.0	6.7	7.0	54.5	YES	3.552083
29	2.0	60	120.0	5.6	7.1	60.2	YES	3.552083
30	4.1	60	246.0	5.6	7.1	77.0	YES	3.552083
31	4.0	60	240.0	6.7	7.1	70.5	YES	3.552083

² If Cl₂ 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