

OHA - Drinking Water Program - Surface Water Quality Data Form

County: Linn

Cartridge or Bag Filtration

Month/Year: Jul-23

System Name: USFS Big Lake ID#: 41 92802

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	5.00	10.00	-5.00	25.00	0.29	0.29
2	10.00	15.00	-5.00	25.00	0.32	0.32
3	10.00	20.00	-10.00	25.00	0.34	0.34
4	15.00	30.00	-15.00	25.00	0.32	0.32
5	25.00	40.00	-15.00	25.00	0.35	0.35
6	25.00	5.00	20.00	25.00	0.33	0.33
7	40.00	10.00	30.00	25.00	0.34	0.34
8	5.00	15.00	-10.00	25.00	0.34	0.34
9	10.00	20.00	-10.00	25.00	0.36	0.36
10	25.00	30.00	-5.00	25.00	0.37	0.37
11	0.00	0.00	0.00	25.00	0.43	0.43
12	25.00	5.00	20.00	25.00	0.44	0.44
13	30.00	10.00	20.00	25.00	0.41	0.41
14	40.00	15.00	25.00	25.00	0.32	0.32
15	0.00	25.00	-25.00	25.00	0.34	0.34
16	5.00	35.00	-30.00	25.00	0.38	0.38
17	10.00	0.00	10.00	25.00	0.38	0.38
18	15.00	10.00	5.00	25.00	0.37	0.37
19	25.00	20.00	5.00	25.00	0.42	0.42
20	30.00	25.00	5.00	25.00	0.39	0.39
21	35.00	25.00	10.00	25.00	0.49	0.49
22	0.00	30.00	-30.00	25.00	0.53	0.53
23	10.00	35.00	-25.00	25.00	0.71	0.71
24	20.00	0.00	20.00	25.00	0.68	0.68
25	30.00	10.00	20.00	25.00	0.60	0.60
26	0.00	20.00	-20.00	25.00	0.65	0.65
27	5.00	25.00	-20.00	25.00	0.63	0.63
28	15.00	30.00	-15.00	25.00	0.42	0.42
29	25.00	40.00	-15.00	25.00	0.54	0.54
30	30.00	0.00	30.00	25.00	0.41	0.41
31	0.00	5.00	-5.00	25.00	0.57	0.57

Cartridge & Bag Filtration		Monthly Summary (Answer Yes or No)	
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.

PRINTED NAME: William Dean  
 SIGNATURE: William Dean  
 801-602-8847 CERT #:

<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 Program - Surface Water Quality Data Form

<b>System Name:</b>	<b>USFS Big Lake</b>	<b>ID#: 41 - 92802</b>	<b>Month/Year:</b>	<b>Jul-23</b>	<b>WTP- :</b>
					<b>Disinfection Giardia Log Inactiv:</b>

Date / Time	Residual at 1st User ( C ) 2Minimum Cl <sub>2</sub>	Contact Time (T) Contact Time (T)	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? <sup>2CT</sup> Met? <sup>2CT</sup> Met? <sup>2</sup> yes / No
	Residual at 1st [ppm or mg/L]	Contact Time (T) [minutes]					
1	1.4	51	71.4	18.0	7.00	23.3	Yes
2	1.1	51	56.1	18.0	7.00	22.5	Yes
3	1.9	51	96.9	17.0	7.00	26.4	Yes
4	1.8	51	91.8	17.0	7.00	26.1	Yes
5	1.6	51	81.6	16.0	7.00	27.3	Yes
6	1.1	51	56.1	16.0	7.00	25.8	Yes
7	1.8	51	91.8	15.0	7.00	29.8	Yes
8	1.2	51	61.2	16.0	7.00	26.1	Yes
9	1	51	51.0	16.0	7.00	25.5	Yes
10	1	51	51.0	17.0	7.00	23.8	Yes
11	1.4	51	71.4	18.0	7.00	23.3	Yes
12	1.6	51	81.6	18.0	7.00	23.9	Yes
13	1.2	51	61.2	20.0	7.00	19.9	Yes
14	1.7	51	86.7	20.0	7.00	21.1	Yes
15	1.4	51	71.4	21.0	7.00	19.0	Yes
16	1.8	51	91.8	21.0	7.00	19.9	Yes
17	1.7	51	86.7	21	7	19.7	Yes
18	1.2	51	61.2	22	7	17.4	Yes
19	1.4	51	71.4	23	7	16.6	Yes
20	1	51	51.0	23	7	15.9	Yes
21	1.2	51	61.2	23	7	16.2	Yes
22	1.7	51	91.8	23	7	17.4	Yes
23	1.3	51	91.8	23	7	17.4	Yes
24	1.8	51	91.8	23	7	17.4	Yes
25	1.8	51	91.8	22	7	18.6	Yes
26	1.2	51	61.2	22	7	17.4	Yes
27	1.1	51	56.1	23	7	16.0	Yes
28	1	51	51.0	23	7	15.9	Yes
29	1.2	51	61.2	24	7	15.2	Yes
30	1.4	51	71.4	24	7	15.5	Yes
31	1.6	51	81.6	24	7	15.9	Yes