

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk

Conventional or Direct Filtration

Month/Year: Apr-23

System Name: Buell Red Prairie Water District ID #41-01174 WTP : TP -

Day	24:00 [NTU]	04:00 [NTU]	08:00 [NTU]	12:00 [NTU]	16:00 [NTU]	20:00 [NTU]	Highest Reading of the Day ¹ [NTU]
1	0.07	0.07	0.07	0.07	0.07	0.07	0.07
2	0.07	0.07	0.07	0.07	0.07	0.07	0.07
3	0.07	0.07	0.07	0.07	0.07	0.07	0.07
4	0.07	0.07	0.07	0.07	0.07	0.07	0.07
5	0.07	0.07	0.07	0.07	0.07	0.07	0.07
6	0.07	0.07	0.07	0.07	0.07	0.07	0.07
7	0.07	0.07	0.07	0.07	0.07	0.07	0.07
8	0.07	0.07	0.07	0.07	0.07	0.07	0.07
9	0.07	0.07	0.07	0.07	0.07	0.07	0.07
10	0.07	0.07	0.07	0.07	0.07	0.07	0.07
11	0.08	0.08	0.08	0.08	0.08	0.08	0.08
12	0.08	0.08	0.08	0.08	0.08	0.08	0.08
13	0.07	0.07	0.07	0.07	0.07	0.07	0.07
14	0.07	0.07	0.07	0.07	0.07	0.07	0.07
15	0.07	0.07	0.07	0.07	0.07	0.07	0.07
16	0.07	0.07	0.07	0.07	0.07	0.07	0.07
17	0.08	0.08	0.08	0.08	0.08	0.08	0.08
18	0.05	0.05	0.05	0.05	0.05	0.05	0.05
19	0.05	0.05	0.05	0.05	0.05	0.05	0.05
20	0.05	0.05	0.05	0.05	0.05	0.05	0.05
21	0.05	0.05	0.05	0.05	0.05	0.05	0.05
22	0.05	0.05	0.05	0.05	0.05	0.05	0.05
23	0.05	0.05	0.05	0.05	0.05	0.05	0.05
24	0.05	0.05	0.05	0.05	0.05	0.05	0.05
25	0.05	0.05	0.05	0.05	0.05	0.05	0.05
26	0.05	0.05	0.05	0.05	0.05	0.05	0.05
27	0.05	0.05	0.05	0.05	0.05	0.05	0.05
28	0.05	0.05	0.05	0.05	0.05	0.05	0.05
29	0.05	0.05	0.05	0.05	0.05	0.05	0.05
30	0.05	0.05	0.05	0.05	0.05	0.05	0.05
31							

Monthly Summary (Answer Yes or No)		
95% of 4-hour turbidity readings ≤ 0.3 NTU?	yes	CT's met everyday? (see back)
All 4-hour turbidity readings ≤ 1 NTU?	Yes	All Cl ₂ residual at entry point ≥ 0.2 mg/l?
All turbidity readings < IFE ² triggers	Yes	Yes

Notes:

Printed Darrel Lockard

SIGNATURE: *Darrel Lockard* 05/08/23

Phone# 541- 222-9997 CERT# 2853

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. ² IFE = Individ. Filter Effl. (333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - : A

System Name: Buell Red Prairie Water District ID# 41-01174

Month/Year: Apr-23

Disinfection *Giardia*
Log Inactiv:

0.5

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1 / 0800	1.43	60	85.8	7.9	7.90	32.1	YES	110
2 / 0800	1.25	60	75.0	8.4	7.90	30.4	YES	110
3 / 0800	1.39	60	83.4	7.4	7.90	33.1	YES	110
4 / 0800	1.49	60	89.4	8.1	7.90	31.9	YES	110
5 / 0800	1.86	60	111.6	8.0	7.90	33.5	YES	110
6 / 0800	1.62	60	97.2	7.8	7.90	33.1	YES	110
7 / 0800	1.4	60	84.0	8.2	7.90	31.3	YES	110
8 / 0800	1.33	60	79.8	8.3	7.90	30.9	YES	110
9 / 0800	1.42	60	85.2	8.4	7.90	31.0	YES	110
10 / 0800	1.38	60	82.8	8.5	7.90	30.6	YES	110
11 / 0800	1.44	60	86.4	8.2	7.90	31.5	YES	110
12 / 0800	1.71	60	102.6	7.9	7.90	33.2	YES	110
13 / 0800	1.37	60	82.2	7.6	7.90	32.5	YES	110
14 / 0800	1.4	60	84.0	7.8	7.90	32.2	YES	110
15 / 0800	1.65	60	99.0	8.3	7.90	32.1	YES	110
16 / 0800	1.48	60	88.8	8.5	7.90	31.0	YES	110
17 / 0800	1.36	60	81.6	8.6	7.90	30.4	YES	110
18 / 0800	1.5	60	90.0	8.5	7.90	31.1	YES	110
19 / 0800	1.3	60	78.0	8.4	7.90	30.6	YES	110
20 / 0800	1.51	60	90.6	8.3	7.90	31.5	YES	110
21 / 0800	1.67	60	100.2	7.9	7.90	33.0	YES	110
22 / 0800	1.39	60	83.4	7.9	7.90	32.0	YES	110
23 / 0800	1.33	60	79.8	8.9	7.90	29.6	YES	110
24 / 0800	1.41	60	84.6	8.9	7.90	29.9	YES	110
25 / 0800	1.37	60	82.2	9.2	7.90	29.2	YES	110
26 / 0800	1.36	60	81.6	9.4	7.90	28.8	YES	110
27 / 0800	1.34	60	80.4	9.9	7.90	27.7	YES	110
28 / 0800	1.42	60	85.2	9.9	7.90	28.0	YES	110
29 / 0800	1.31	60	78.6	12.1	7.90	23.9	YES	110
30 / 0800	1.25	60	75.0	12.8	7.90	22.6	YES	110

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.