

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk
 Month/Year: Oct-23

Conventional or Direct Filtration

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	OFF	OFF	OFF	OFF	OFF	OFF	OFF
2	OFF	OFF	OFF	OFF	OFF	OFF	OFF
3	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4	0.03	0.03	0.03	0.03	0.03	0.03	0.03
5	0.03	0.03	0.03	0.03	0.03	0.03	0.03
6	0.03	0.03	0.03	0.03	0.03	0.02	0.03
7	0.03	0.03	0.03	0.03	0.03	0.03	0.03
8	0.02	0.02	0.02	0.02	0.02	0.02	0.02
9	0.03	0.03	0.03	0.03	0.03	0.03	0.03
10	0.03	0.03	0.03	0.03	0.03	0.03	0.03
11	0.03	0.03	0.03	0.03	0.03	0.03	0.03
12	0.02	0.02	0.02	0.02	0.02	0.02	0.02
13	0.02	0.02	0.02	0.02	0.02	0.02	0.02
14	0.02	0.02	0.02	0.02	0.02	0.02	0.02
15	0.02	0.02	0.02	0.02	0.02	0.02	0.02
16	0.02	0.02	0.02	0.02	0.02	0.02	0.02
17	0.02	0.02	0.02	0.02	0.02	0.02	0.02
18	0.02	0.02	0.02	0.02	0.02	0.02	0.02
19	0.02	0.02	0.02	0.02	0.02	0.02	0.02
20	0.02	0.02	0.02	0.02	0.02	0.02	0.02
21	0.02	0.02	0.02	0.02	0.02	0.02	0.02
22	0.02	0.02	0.02	0.02	0.02	0.02	0.02
23	0.02	0.02	0.02	0.02	0.02	0.02	0.02
24	0.02	0.02	0.02	0.02	0.02	0.02	0.02
25	0.02	0.02	0.02	0.02	0.02	0.02	0.02
26	0.02	0.02	0.02	0.02	0.02	0.02	0.02
27	0.03	0.03	0.03	0.03	0.03	0.03	0.03
28	0.03	0.03	0.03	0.03	0.03	0.03	0.03
29	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30	0.03	0.03	0.03	0.03	0.03	0.03	0.03
31	0.03	0.03	0.03	0.03	0.03	0.03	0.03

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

Notes:

Printed Darrel Lockard

SIGNATURE *Darrel Lockard* 11/10/23

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: Oct-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	OFF	60	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	110
2 / 0800	OFF	60	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	110
3 / 0800	1.05	60	63.0	17.6	7.71	15.0	YES	110
4 / 0800	1.05	60	63.0	17.6	7.71	15.0	YES	110
5 / 0800	1	60	60.0	18.7	8.52	18.7	YES	110
6 / 0800	0.8	60	48.0	20.0	8.07	14.2	YES	110
7 / 0800	1.16	60	69.6	18.5	8.07	16.3	YES	110
8 / 0800	1.38	60	82.8	18.3	7.60	14.3	YES	110
9 / 0800	1.25	60	75.0	18.5	8.07	16.5	YES	110
10 / 0800	1.6	60	96.0	17.7	8.06	18.0	YES	110
11 / 0800	1.6	60	96.0	18.9	8.00	16.3	YES	110
12 / 0800	1	60	60.0	14.2	8.00	20.8	YES	110
13 / 0800	1.7	60	102.0	17.3	8.30	20.5	YES	110
14 / 0800	1.83	60	109.8	13.3	8.20	26.1	YES	110
15 / 0800	1.8	60	108.0	16.0	7.80	18.8	YES	110
16 / 0800	1.6	60	96.0	18.0	8.00	17.3	YES	110
17 / 0800	1.9	60	114.0	17.0	8.00	19.1	YES	110
18 / 0800	0.9	60	54.0	15.0	8.00	19.5	YES	110
19 / 0800	1.9	60	114.0	15.0	8.00	21.8	YES	110
20 / 0800	0.4	60	24.0	16.0	8.00	17.2	YES	110
21 / 0800	2.02	60	121.2	18.0	7.90	17.5	YES	110
22 / 0800	0.4	60	24.0	17.0	8.00	16.1	YES	110
23 / 0800	2.05	60	123.0	17.5	8.00	18.8	YES	110
24 / 0800	2.02	60	121.2	18.0	8.00	18.1	YES	110
25 / 0800	1.8	60	108.0	17.5	8.00	18.3	YES	110
26 / 0800	1.6	60	96.0	16.0	8.00	19.7	YES	110
27 / 0800	1.5	60	90.0	17.0	8.00	18.3	YES	110
28 / 0800	0.5	60	30.0	16.0	8.00	17.4	YES	110
29 / 0800	2	60	120.0	12.5	8.00	26.0	YES	110
30 / 0800	1.15	60	69.0	13.5	8.00	22.2	YES	110
31 / 0800	1.1	60	66.0	9.4	8.00	28.9	YES	110

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