

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **Polk**  
 Month/Year: **Mar-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 <sup>1</sup> [NTU]
1	0.09	0.09	0.09	0.09	0.09	0.09	0.09
2	0.10	0.10	0.10	0.10	0.10	0.10	0.10
3	0.09	0.09	0.09	0.09	0.09	0.09	0.09
4	0.09	0.09	0.09	0.09	0.09	0.09	0.09
5	0.09	0.09	0.09	0.09	0.09	0.09	0.09
6	0.09	0.09	0.09	0.09	0.09	0.09	0.09
7	0.09	0.09	0.09	0.09	0.09	0.09	0.09
8	0.09	0.09	0.09	0.09	0.09	0.09	0.09
9	0.08	0.08	0.08	0.08	0.08	0.08	0.08
10	0.08	0.08	0.08	0.08	0.08	0.08	0.08
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	0.08	0.08	0.08	0.08	0.08	0.08	0.08
14	0.07	0.07	0.07	0.07	0.07	0.07	0.07
15	0.05	0.05	0.05	0.05	0.05	0.05	0.05
16	0.06	0.06	0.06	0.06	0.06	0.06	0.06
17	0.06	0.06	0.06	0.06	0.06	0.06	0.06
18	0.07	0.07	0.07	0.07	0.07	0.07	0.07
19	0.07	0.07	0.07	0.07	0.07	0.07	0.07
20	0.07	0.07	0.07	0.07	0.07	0.07	0.07
21	0.06	0.06	0.06	0.06	0.06	0.06	0.06
22	0.06	0.06	0.06	0.06	0.06	0.06	0.06
23	0.07	0.07	0.07	0.07	0.07	0.07	0.07
24	0.07	0.07	0.07	0.07	0.07	0.07	0.07
25	0.07	0.07	0.07	0.07	0.07	0.07	0.07
26	0.07	0.07	0.07	0.07	0.07	0.07	0.07
27	0.07	0.07	0.07	0.07	0.07	0.07	0.07
28	0.07	0.07	0.07	0.07	0.07	0.07	0.07
29	0.07	0.07	0.07	0.07	0.07	0.07	0.07
30	0.07	0.07	0.07	0.07	0.07	0.07	0.07
31	0.07	0.07	0.07	0.07	0.07	0.07	0.07

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 <sup>2</sup> triggers	CT's met everyday? (see back) All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l?
yes Yes Yes	yes yes

Notes:

Printed Darrel Lockard

SIGNATURE: *Darrel Lockard* 4/7/23

Phone# 541- 222-9997 CERT# 2853

<sup>1</sup> 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. <sup>2</sup> 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: Mar-23

Disinfection *Giardia*  
Log Inactiv:

0.5

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	<b>C X T</b>	[° C]		formula	Yes / No	[GPM]
1 / 0800	1.64	60	98.4	6.5	7.90	36.2	YES	110
2 / 0800	1.74	60	104.4	6.7	7.90	36.1	YES	110
3 / 0800	1.63	60	97.8	6.5	7.90	36.2	YES	110
4 / 0800	1.51	60	90.6	6.9	7.90	34.7	YES	110
5 / 0800	1.49	60	89.4	6.8	7.90	34.9	YES	110
6 / 0800	1.54	60	92.4	6.6	7.90	35.5	YES	110
7 / 0800	1.43	60	85.8	7.0	7.90	34.1	YES	110
8 / 0800	1.58	60	94.8	7.3	7.90	34.0	YES	110
9 / 0800	1.61	60	96.6	7.6	7.80	32.3	YES	110
10 / 0800	1.63	60	97.8	7.4	7.90	34.0	YES	110
11 / 0800	1.47	60	88.2	7.4	7.90	33.4	YES	110
12 / 0800	1.36	60	81.6	7.7	7.90	32.3	YES	110
13 / 0800	1.4	60	84.0	7.9	7.90	32.0	YES	110
14 / 0800	1.61	60	96.6	8.4	7.70	29.5	YES	110
15 / 0800	1.66	60	99.6	8.0	7.80	31.6	YES	110
16 / 0800	1.44	60	86.4	7.7	7.90	32.6	YES	110
17 / 0800	1.39	60	83.4	7.8	7.80	31.0	YES	110
18 / 0800	1.38	60	82.8	7.8	7.90	32.1	YES	110
19 / 0800	1.25	60	75.0	9.1	7.90	29.0	YES	110
20 / 0800	1.47	60	88.2	9.2	7.90	29.5	YES	110
21 / 0800	1.58	60	94.8	8.8	7.90	30.7	YES	110
22 / 0800	1.41	60	84.6	9.2	7.90	29.3	YES	110
23 / 0800	1.29	60	77.4	9.4	7.90	28.5	YES	110
24 / 0800	1.38	60	82.8	8.6	7.90	30.4	YES	110
25 / 0800	1.37	60	82.2	8.5	7.90	30.6	YES	110
26 / 0800	1.4	60	84.0	8.3	7.90	31.1	YES	110
27 / 0800	1.33	60	79.8	7.4	7.80	31.7	YES	110
28 / 0800	1.28	60	76.8	7.8	7.90	31.8	YES	110
29 / 0800	1.44	60	86.4	7.9	7.80	31.0	YES	110
30 / 0800	1.42	60	85.2	7.9	7.90	32.1	YES	110
31 / 0800	1.55	60	93.0	7.9	7.90	32.6	YES	110

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.