

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **Polk**  
 Month/Year: **May-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	0.05	0.05	0.05	0.05	0.05	0.05	0.05
2	0.05	0.05	0.05	0.05	0.05	0.05	0.05
3	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4	0.06	0.06	0.06	0.06	0.06	0.06	0.06
5	0.06	0.06	0.06	0.06	0.06	0.06	0.06
6	0.05	0.05	0.05	0.05	0.05	0.05	0.05
7	0.05	0.05	0.05	0.05	0.05	0.05	0.05
8	0.05	0.05	0.05	0.05	0.05	0.05	0.05
9	0.05	0.05	0.05	0.05	0.05	0.05	0.05
10	0.06	0.06	0.06	0.06	0.06	0.06	0.06
11	0.06	0.06	0.06	0.06	0.06	0.06	0.06
12	0.06	0.06	0.06	0.06	0.06	0.06	0.06
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	0.07	0.07	0.07	0.07	0.07	0.07	0.07
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	0.07	0.07	0.07	0.07	0.07	0.07	0.07
22	0.07	0.07	0.07	0.07	0.07	0.07	0.07
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	0.08	0.08	0.08	0.08	0.08	0.08	0.08

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)
yes Yes Yes	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? Yes

Notes:

Printed Darrel Lockard

SIGNATURE *Darrel Lockard* 06/10/23

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: May-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	1.31	60	78.6	12.7	7.90	22.9	YES	110
2 / 0800	1.47	60	88.2	12.7	7.90	23.3	YES	110
3 / 0800	1.48	60	88.8	12.9	7.90	23.1	YES	110
4 / 0800	1.49	60	89.4	13.4	7.90	22.3	YES	110
5 / 0800	1.37	60	82.2	13.2	7.90	22.3	YES	110
6 / 0800	1.32	60	79.2	13.5	7.90	21.8	YES	110
7 / 0800	1.51	60	90.6	13.0	7.90	23.0	YES	110
8 / 0800	1.27	60	76.2	13.3	7.80	21.1	YES	110
9 / 0800	1.37	60	82.2	12.9	7.90	22.8	YES	110
10 / 0800	1.6	60	96.0	12.8	7.90	23.5	YES	110
11 / 0800	1.38	60	82.8	13.3	7.90	22.2	YES	110
12 / 0800	1.39	60	83.4	13.9	7.80	20.6	YES	110
13 / 0800	1.34	60	80.4	15.5	7.80	18.4	YES	110
14 / 0800	1.23	60	73.8	16.4	7.90	17.8	YES	110
15 / 0800	1.38	60	82.8	17.4	7.90	16.9	YES	110
16 / 0800	1.36	60	81.6	18.1	7.90	16.1	YES	110
17 / 0800	1.31	60	78.6	18.6	7.90	15.5	YES	110
18 / 0800	1.35	60	81.0	19.2	7.90	15.0	YES	110
19 / 0800	1.56	60	93.6	19.3	7.90	15.2	YES	110
20 / 0800	1.28	60	76.8	19.6	7.90	14.4	YES	110
21 / 0800	1.55	60	93.0	19.9	7.80	14.1	YES	110
22 / 0800	1.48	60	88.8	19.3	7.90	15.1	YES	110
23 / 0800	1.41	60	84.6	18.5	7.90	15.8	YES	110
24 / 0800	1.44	60	86.4	17.9	7.90	16.5	YES	110
25 / 0800	1.42	60	85.2	18.3	7.90	16.0	YES	110
26 / 0800	1.55	60	93.0	18.8	7.90	15.7	YES	110
27 / 0800	1.29	60	77.4	19.5	7.90	14.6	YES	110
28 / 0800	1.66	60	99.6	19.3	7.90	15.4	YES	110
29 / 0800	1.61	60	96.6	19.5	7.90	15.1	YES	110
30 / 0800	1.5	60	90.0	19.6	7.90	14.8	YES	110
31/0800	1.47	60	88.2	19.1	7.90	15.3	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.