

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk

Conventional or Direct Filtration

Month/Year: May-22

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	0.05	0.05	0.05	0.05	0.05	0.05	0.05
5	0.05	0.05	0.05	0.05	0.05	0.05	0.05
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	0.05	0.05	0.05	0.05	0.05	0.05	0.05
11	0.05	0.05	0.05	0.05	0.05	0.05	0.05
12	0.05	0.05	0.05	0.05	0.05	0.05	0.05
13	0.05	0.05	0.05	0.05	0.05	0.05	0.05
14	0.05	0.05	0.05	0.05	0.05	0.05	0.05
15	0.05	0.05	0.05	0.05	0.05	0.05	0.05
16	0.05	0.05	0.05	0.05	0.05	0.05	0.05
17	0.05	0.05	0.05	0.05	0.05	0.05	0.05
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	0.05	0.05	0.05	0.05	0.05	0.05	0.05

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

Notes:	Printed Darrel Lockard SIGNATURE: <i>Darrel Lockard</i> Phone# 541-222-9997	6/9/22 CERT# 2853
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<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-22**

**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	1.47	60	88.2	11.0	7.60	23.5	YES	110
2 / 0800	1.55	60	93.0	10.9	7.60	23.9	YES	110
3 / 0800	1.48	60	88.8	11.1	7.60	23.4	YES	110
4 / 0800	1.49	60	89.4	11.4	7.50	22.1	YES	110
5 / 0800	1.47	60	88.2	11.5	7.60	22.7	YES	110
6 / 0800	1.45	60	87.0	11.6	7.90	25.1	YES	110
7 / 0800	1.44	60	86.4	11.6	7.60	22.5	YES	110
8 / 0800	1.41	60	84.6	9.6	7.80	27.5	YES	110
9 / 0800	1.64	60	98.4	8.7	7.70	29.0	YES	110
10 / 0800	1.71	60	102.6	8.8	7.80	30.1	YES	110
11 / 0800	1.51	60	90.6	8.7	7.70	28.5	YES	110
12 / 0800	1.62	60	97.2	9.4	7.60	26.6	YES	110
13 / 0800	1.51	60	90.6	9.2	7.70	27.6	YES	110
14 / 0800	1.43	60	85.8	9.8	7.90	28.2	YES	110
15 / 0800	1.39	60	83.4	10.5	7.90	26.8	YES	110
16 / 0800	1.44	60	86.4	10.6	7.90	26.8	YES	110
17 / 0800	1.51	60	90.6	10.4	7.90	27.4	YES	110
18 / 0800	1.79	60	107.4	10.7	7.90	27.7	YES	110
19 / 0800	1.67	60	100.2	10.7	7.90	27.3	YES	110
20 / 0800	1.66	60	99.6	10.6	7.90	27.5	YES	110
21 / 0800	1.42	60	85.2	11.4	7.90	25.3	YES	110
22 / 0800	1.7	60	102.0	11.9	7.90	25.3	YES	110
23 / 0800	1.64	60	98.4	12.4	7.90	24.3	YES	110
24 / 0800	1.71	60	102.6	12.9	7.90	23.7	YES	110
25 / 0800	1.49	60	89.4	12.4	7.90	23.9	YES	110
26 / 0800	1.66	60	99.6	13.6	7.90	22.5	YES	110
27 / 0800	1.39	60	83.4	13.9	7.90	21.4	YES	110
28 / 0800	1.34	60	80.4	13.7	7.90	21.5	YES	110
29 / 0800	1.38	60	82.8	13.3	7.90	22.2	YES	110
30 / 0800	1.55	60	93.0	13.1	7.90	22.9	YES	110
31 / 0800	1.52	60	91.2	13.3	7.90	22.6	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.