

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk

Conventional or Direct Filtration

Month/Year: Oct-22

<b>System Name:</b>		<b>Buell Red Prairie Water District</b>			<b>ID #41-01174</b>		<b>WTP : TP -</b>					
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					
95% of 4-hour turbidity readings ≤ 0.3 NTU? All 4-hour turbidity readings ≤ 1 NTU? All turbidity readings < IFE <sup>2</sup> triggers					<b>yes</b>				<b>Yes</b>			
					<b>Yes</b>				<b>Yes</b>			
					<b>Yes</b>				<b>Yes</b>			
<b>Notes:</b>					<b>Monthly Summary (Answer Yes or No)</b>							
					CT's met everyday? (see back)				All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l?			
					<b>Yes</b>				<b>Yes</b>			
					<b>Printed Darrel Lockard</b>							
					<b>SIGNATURE:</b> <i>Darrel Lockard</i>				<b>11/09/22</b>			
					<b>Phone# 541- 222-9997</b>				<b>CERT# 2853</b>			

<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:** Oct-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	1.49	60	89.4	18.9	7.80	14.9	YES	110
2 / 0800	1.44	60	86.4	18.7	7.80	15.0	YES	110
3 / 0800	1.55	60	93.0	18.6	7.90	15.9	YES	110
4 / 0800	1.5	60	90.0	18.7	7.80	15.2	YES	110
5 / 0800	1.52	60	91.2	18.6	7.90	15.9	YES	110
6 / 0800	1.41	60	84.6	18.6	7.80	15.1	YES	110
7 / 0800	1.48	60	88.8	18.3	7.80	15.5	YES	110
8 / 0800	1.42	60	85.2	18.3	7.90	16.0	YES	110
9 / 0800	1.46	60	87.6	18.3	7.90	16.1	YES	110
10 / 0800	1.47	60	88.2	18.2	7.80	15.6	YES	110
11 / 0800	1.53	60	91.8	18.4	7.80	15.5	YES	110
12 / 0800	1.44	60	86.4	18.2	7.90	16.1	YES	110
13 / 0800	1.39	60	83.4	17.9	7.90	16.4	YES	110
14 / 0800	1.48	60	88.8	18.0	7.80	15.8	YES	110
15 / 0800	1.5	60	90.0	17.6	7.90	16.9	YES	110
16 / 0800	1.64	60	98.4	17.4	7.90	17.4	YES	110
17 / 0800	1.52	60	91.2	17.2	7.90	17.4	YES	110
18 / 0800	1.44	60	86.4	17.1	7.80	16.7	YES	110
19 / 0800	1.5	60	90.0	17.3	7.90	17.3	YES	110
20 / 0800	1.51	60	90.6	17.4	7.80	16.5	YES	110
21 / 0800	1.44	60	86.4	17.2	7.80	16.6	YES	110
22 / 0800	1.43	60	85.8	16.5	7.90	18.1	YES	110
23 / 0800	1.41	60	84.6	16.2	7.90	18.4	YES	110
24 / 0800	1.47	60	88.2	15.2	7.90	19.8	YES	110
25 / 0800	1.42	60	85.2	14.5	7.90	20.6	YES	110
26 / 0800	1.38	60	82.8	13.9	7.90	21.3	YES	110
27 / 0800	1.39	60	83.4	13.6	7.90	21.8	YES	110
28 / 0800	1.38	60	82.8	13.4	7.90	22.1	YES	110
29 / 0800	1.53	60	91.8	13.4	7.90	22.4	YES	110
30 / 0800	1.44	60	86.4	13.4	7.90	22.2	YES	110
31 / 0800	1.43	60	85.8	13.4	7.90	22.2	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.