

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk

Conventional or Direct Filtration

Month/Year: Nov-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												
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>12/10/22</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: Nov-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	1.38	60	82.8	13.8	7.90	21.5	YES	110
2 / 0800	1.36	60	81.6	12.7	7.90	23.1	YES	110
3 / 0800	1.41	60	84.6	12.3	7.90	23.8	YES	110
4 / 0800	1.43	60	85.8	12.1	7.90	24.2	YES	110
5 / 0800	1.81	60	108.6	11.8	7.80	24.9	YES	110
6 / 0800	1.51	60	90.6	11.4	7.90	25.6	YES	110
7 / 0800	1.44	60	86.4	10.6	7.80	25.8	YES	110
8 / 0800	1.6	60	96.0	10.5	7.80	26.5	YES	110
9 / 0800	1.55	60	93.0	10.1	7.80	27.1	YES	110
10 / 0800	1.28	60	76.8	8.8	7.80	28.6	YES	110
11 / 0800	1.33	60	79.8	8.5	7.80	29.4	YES	110
12 / 0800	1.4	60	84.0	8.4	7.80	29.8	YES	110
13 / 0800	1.51	60	90.6	8.1	7.80	30.8	YES	110
14 / 0800	1.28	60	76.8	8.6	7.70	28.0	YES	110
15 / 0800	1.3	60	78.0	7.5	7.70	30.2	YES	110
16 / 0800	1.26	60	75.6	7.2	7.90	33.0	YES	110
17 / 0800	1.29	60	77.4	6.9	7.90	33.8	YES	110
18 / 0800	1.44	60	86.4	6.2	7.90	36.1	YES	110
19 / 0800	1.66	60	99.6	6.1	7.80	36.0	YES	110
20 / 0800	1.51	60	90.6	5.8	7.90	37.4	YES	110
21 / 0800	1.38	60	82.8	6.1	7.70	33.6	YES	110
22 / 0800	1.29	60	77.4	6.3	7.80	34.0	YES	110
23 / 0800	1.21	60	72.6	6.2	7.70	32.7	YES	110
24 / 0800	1.33	60	79.8	6.3	7.70	32.9	YES	110
25 / 0800	1.67	60	100.2	5.7	7.90	38.4	YES	110
26 / 0800	1.6	60	96.0	5.9	7.70	34.9	YES	110
27 / 0800	1.28	60	76.8	6.5	7.60	31.1	YES	110
28 / 0800	1.43	60	85.8	6.6	7.80	33.8	YES	110
29 / 0800	1.55	60	93.0	5.6	7.80	36.7	YES	110
30 / 0800	1.3	60	78.0	6.3	7.80	34.0	YES	110
31 / 0800								

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