

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk

Conventional or Direct Filtration

Month/Year: Feb-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	0.04	0.05	0.05	0.05	
7	0.05	0.05	0.05	0.04	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	0.45	0.05	0.05	0.05	
14	0.05	0.05	0.05	0.04	0.05	0.05	0.05	
15	0.05	0.05	0.05	0.04	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	0.04	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	0.04	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	0.04	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	0.04	0.05	0.05	0.05	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

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	<div style="border: 2px solid black; border-radius: 15px; padding: 5px; display: inline-block;">                     yes Yes Yes                 </div>
CT's met everyday? (see back)	<div style="border: 2px solid black; border-radius: 15px; padding: 5px; display: inline-block;">                     Yes                 </div>
All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l?	<div style="border: 2px solid black; border-radius: 15px; padding: 5px; display: inline-block;">                     Yes                 </div>

Notes:	Printed Darrel Lockard
	SIGNATURE: <i>Darrel Lockard</i> <span style="float: right;">03/08/22</span>
	Phone# 541- 222-9997 <span style="float: right;">CERT# 2853</span>

<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: Feb-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	1.31	60	78.6	5.6	7.80	35.7	YES	110
2 / 0800	1.33	60	79.8	5.5	7.80	36.1	YES	110
3 / 0800	1.41	60	84.6	5.8	7.80	35.7	YES	110
4 / 0800	1.45	60	87.0	5.8	7.90	37.2	YES	110
5 / 0800	1.51	60	90.6	7.0	7.90	34.5	YES	110
6 / 0800	1.36	60	81.6	6.3	8.00	36.9	YES	110
7 / 0800	1.27	60	76.2	6.8	7.80	32.8	YES	110
8 / 0800	1.61	60	96.6	6.1	7.90	37.1	YES	110
9 / 0800	1.53	60	91.8	6.6	7.90	35.5	YES	110
10 / 0800	1.52	60	91.2	6.4	8.00	37.3	YES	110
11 / 0800	1.45	60	87.0	6.8	7.90	34.7	YES	110
12 / 0800	1.43	60	85.8	6.9	7.90	34.4	YES	110
13 / 0800	1.31	60	78.6	6.6	7.90	34.6	YES	110
14 / 0800	1.42	60	85.2	7.5	8.10	35.4	YES	110
15 / 0800	1.7	60	102.0	7.1	7.90	35.0	YES	110
16 / 0800	1.39	60	83.4	7.2	7.90	33.5	YES	110
17 / 0800	1.66	60	99.6	7.1	7.70	32.4	YES	110
18 / 0800	1.29	60	77.4	7.7	7.70	29.8	YES	110
19 / 0800	1.22	60	73.2	7.3	7.70	30.4	YES	110
20 / 0800	1.45	60	87.0	7.7	7.70	30.3	YES	110
21 / 0800	1.5	60	90.0	7.2	7.80	32.7	YES	110
22 / 0800	1.45	60	87.0	7.5	7.70	30.8	YES	110
23 / 0800	1.76	60	105.6	6.5	7.70	34.1	YES	110
24 / 0800	1.6	60	96.0	6.2	7.70	34.2	YES	110
25 / 0800	1.61	60	96.6	6.9	7.70	32.6	YES	110
26 / 0800	1.7	60	102.0	6.0	7.60	33.8	YES	110
27 / 0800	1.61	60	96.6	7.6	7.60	30.0	YES	110
28 / 0800	1.71	60	102.6	7.1	7.50	30.3	YES	110
29 / 0800								
30 / 0800								
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.