

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk

Conventional or Direct Filtration

Month/Year: Feb-23

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	0.02	0.05	0.05	0.05
3	0.05	0.05	0.05	0.07	0.05	0.05	0.05
4	0.05	0.05	0.05	0.07	0.05	0.05	0.07
5	0.05	0.05	0.05	0.07	0.05	0.05	0.07
6	0.05	0.05	0.05	0.07	0.05	0.05	0.07
7	0.05	0.05	0.05	0.07	0.05	0.05	0.07
8	0.05	0.05	0.05	0.07	0.05	0.05	0.07
9	0.05	0.05	0.05	0.07	0.05	0.05	0.07
10	0.05	0.05	0.05	0.07	0.05	0.05	0.07
11	0.05	0.05	0.05	0.07	0.05	0.05	0.07
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	0.06	0.05	0.05	0.06
15	0.05	0.05	0.05	0.07	0.05	0.05	0.07
16	0.05	0.05	0.05	0.08	0.05	0.05	0.08
17	0.05	0.05	0.05	0.07	0.05	0.05	0.07
18	0.05	0.05	0.05	0.09	0.05	0.05	0.09
19	0.05	0.05	0.05	0.08	0.05	0.05	0.08
20	0.05	0.05	0.05	0.09	0.05	0.05	0.09
21	0.05	0.05	0.05	0.09	0.05	0.05	0.09
22	0.05	0.05	0.05	0.08	0.05	0.05	0.08
23	0.05	0.05	0.05	0.08	0.05	0.05	0.08
24	0.05	0.05	0.05	0.08	0.05	0.05	0.08
25	0.05	0.05	0.05	0.08	0.05	0.05	0.08
26	0.05	0.05	0.05	0.08	0.05	0.05	0.08
27	0.05	0.05	0.05	0.09	0.05	0.05	0.09
28	0.05	0.05	0.05	0.09	0.05	0.05	0.09
29							
30							
31							

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)
<input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes
	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes

Notes:	Printed Darrel Lockard
	SIGNATURE: <i>Darrel Lockard</i> 03/10/23
	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: Feb-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	1.47	60	88.2	5.6	7.90	37.8	YES	110
2 / 0800	1.29	60	77.4	5.3	7.90	37.7	YES	110
3 / 0800	1.2	60	72.0	6.4	7.90	34.6	YES	110
4 / 0800	1.54	60	92.4	8.1	7.90	32.1	YES	110
5 / 0800	1.67	60	100.2	6.6	7.90	36.1	YES	110
6 / 0800	1.63	60	97.8	6.8	7.90	35.4	YES	110
7 / 0800	1.56	60	93.6	8.3	7.90	31.7	YES	110
8 / 0800	1.39	60	83.4	7.3	7.90	33.3	YES	110
9 / 0800	1.44	60	86.4	8.3	7.90	31.3	YES	110
10 / 0800	1.48	60	88.8	8.4	7.90	31.2	YES	110
11 / 0800	1.74	60	104.4	8.3	7.90	32.4	YES	110
12 / 0800	1.77	60	106.2	7.9	7.90	33.4	YES	110
13 / 0800	1.55	60	93.0	7.8	7.60	29.4	YES	110
14 / 0800	1.27	60	76.2	7.2	7.60	29.6	YES	110
15 / 0800	1.39	60	83.4	6.9	7.90	34.2	YES	110
16 / 0800	1.42	60	85.2	6.2	7.90	36.0	YES	110
17 / 0800	1.44	60	86.4	6.0	7.90	36.6	YES	110
18 / 0800	1.7	60	102.0	7.3	7.60	31.0	YES	110
19 / 0800	1.29	60	77.4	7.8	7.90	31.8	YES	110
20 / 0800	1.55	60	93.0	8.3	7.80	30.6	YES	110
21 / 0800	1.62	60	97.2	7.3	7.80	33.0	YES	110
22 / 0800	1.29	60	77.4	6.7	7.70	31.9	YES	110
23 / 0800	1.66	60	99.6	6.1	7.90	37.3	YES	110
24 / 0800	1.48	60	88.8	5.8	7.90	37.3	YES	110
25 / 0800	1.44	60	86.4	5.6	7.90	37.6	YES	110
26 / 0800	1.41	60	84.6	6.1	7.90	36.2	YES	110
27 / 0800	1.43	60	85.8	6.0	7.90	36.6	YES	110
28 / 0800	1.66	60	99.6	5.8	7.90	38.1	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.