

OHA - Drinking Water Services -Turbidity Monitoring Report Form
Conventional or Direct Filtration

County: **Polk**
 Month/Year: **Jul-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 ¹ [NTU]
1	0.04	0.04	0.04	0.04	0.04	0.04	0.04
2	0.04	0.04	0.04	0.04	0.04	0.04	0.04
3	0.04	0.04	0.04	0.04	0.04	0.04	0.04
4	0.04	0.04	0.04	0.04	0.04	0.04	0.04
5	0.04	0.04	0.04	0.04	0.04	0.04	0.04
6	0.04	0.04	0.04	0.04	0.04	0.04	0.04
7	0.04	0.04	0.04	0.04	0.04	0.04	0.04
8	0.04	0.04	0.04	0.04	0.04	0.04	0.04
9	0.06	0.06	0.06	0.06	0.06	0.06	0.06
10	0.06	0.06	0.06	0.06	0.06	0.06	0.06
11	0.07	0.07	0.07	0.07	0.07	0.07	0.07
12	0.07	0.07	0.07	0.07	0.07	0.07	0.07
13	0.07	0.07	0.07	0.07	0.07	0.07	0.07
14	0.07	0.07	0.07	0.07	0.07	0.07	0.07
15	0.07	0.07	0.07	0.07	0.07	0.07	0.07
16	0.03	0.03	0.03	0.03	0.03	0.03	0.03
17	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18	0.03	0.03	0.03	0.03	0.03	0.03	0.03
19	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20	0.03	0.03	0.03	0.03	0.03	0.03	0.03
21	0.03	0.03	0.03	0.03	0.03	0.03	0.03
22	0.03	0.03	0.03	0.03	0.03	0.03	0.03
23	0.03	0.03	0.03	0.03	0.03	0.03	0.03
24	0.03	0.03	0.03	0.03	0.03	0.03	0.03
25	0.04	0.04	0.04	0.04	0.04	0.04	0.04
26	0.04	0.04	0.04	0.04	0.04	0.04	0.04
27	0.04	0.04	0.04	0.04	0.04	0.04	0.04
28	0.04	0.04	0.04	0.04	0.04	0.04	0.04
29	0.04	0.04	0.04	0.04	0.04	0.04	0.04
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 ² triggers	yes Yes Yes	CT's met everyday? (see back) Yes
		All Cl2 residual at entry point ≥ 0.2 mg/l? Yes

Notes:	Printed Darrel Lockard SIGNATURE: Phone# 541- 222-9997
	8/10/23 CERT# 2853

¹ 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. ² 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: Jul-23 Disinfection *Giardia* Log Inactiv: 0.5

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1 / 0800	1.39	60	83.4	22.5	7.90	12.0	YES	110
2 / 0800	1.44	60	86.4	22.8	7.90	11.9	YES	110
3 / 0800	1.41	60	84.6	23.1	7.90	11.6	YES	110
4 / 0800	1.37	60	82.2	23.2	7.90	11.5	YES	110
5 / 0800	1.29	60	77.4	23.6	7.90	11.1	YES	110
6 / 0800	1.34	60	80.4	23.7	7.90	11.0	YES	110
7 / 0800	1.33	60	79.8	23.3	7.90	11.3	YES	110
8 / 0800	1.43	60	85.8	23.0	7.90	11.7	YES	110
9 / 0800	1.57	60	94.2	22.6	7.90	12.2	YES	110
10 / 0800	1.53	60	91.8	22.8	7.90	12.0	YES	110
11 / 0800	1.38	60	82.8	22.2	7.90	12.3	YES	110
12 / 0800	1.34	60	80.4	22.4	7.90	12.1	YES	110
13 / 0800	1.48	60	88.8	22.6	7.90	12.1	YES	110
14 / 0800	1.59	60	95.4	23.1	7.90	11.8	YES	110
15 / 0800	1.56	60	93.6	23.6	7.90	11.4	YES	110
16 / 0800	1.31	60	78.6	23.9	7.90	10.9	YES	110
17 / 0800	1.42	60	85.2	23.9	7.90	11.0	YES	110
18 / 0800	1.38	60	82.8	23.6	7.90	11.2	YES	110
19 / 0800	1.39	60	83.4	23.9	7.90	11.0	YES	110
20 / 0800	1.28	60	76.8	23.8	7.90	10.9	YES	110
21 / 0800	1.33	60	79.8	24.0	7.90	10.8	YES	110
22 / 0800	1.27	60	76.2	24.1	7.90	10.7	YES	110
23 / 0800	1.31	60	78.6	24.4	7.90	10.5	YES	110
24 / 0800	1.33	60	79.8	24.3	7.90	10.6	YES	110
25 / 0800	1.29	60	77.4	23.9	7.90	10.8	YES	110
26 / 0800	1.22	60	73.2	23.7	7.90	10.9	YES	110
27 / 0800	1.36	60	81.6	23.8	7.90	11.0	YES	110
28 / 0800	1.33	60	79.8	23.3	7.90	11.3	YES	110
29 / 0800	1.22	60	73.2	23.6	7.90	11.0	YES	110
30 / 0800	1.32	60	79.2	23.3	7.90	11.3	YES	110
31 / 0800	1.39	60	83.4	23.4	7.90	11.3	YES	110

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.