

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

County: **Polk**
 Month/Year: **Aug-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 ¹ [NTU]
1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
2	0.04	0.04	0.04	0.04	0.04	0.04	0.04
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	0.06	0.06	0.06	0.06	0.06	0.06	0.06
8	0.06	0.06	0.06	0.06	0.06	0.06	0.06
9	0.06	0.06	0.06	0.06	0.06	0.06	0.06
10	0.05	0.05	0.05	0.05	0.05	0.05	0.05
11	0.06	0.06	0.06	0.06	0.06	0.06	0.06
12	0.06	0.06	0.06	0.06	0.06	0.06	0.06
13	0.06	0.06	0.06	0.06	0.06	0.06	0.06
14	0.06	0.06	0.06	0.06	0.06	0.06	0.06
15	0.06	0.06	0.06	0.06	0.06	0.06	0.06
16	0.06	0.06	0.06	0.06	0.06	0.06	0.06
17	0.06	0.06	0.06	0.06	0.06	0.06	0.06
18	0.05	0.05	0.05	0.05	0.05	0.05	0.05
19	0.04	0.04	0.04	0.04	0.04	0.04	0.04
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	0.06	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	0.06	0.06	0.06	0.06	0.06	0.06	0.06
29	0.06	0.06	0.06	0.06	0.06	0.06	0.06
30	0.04	0.04	0.04	0.04	0.04	0.04	0.04
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 \leq 0.3 NTU? **Yes**
 All 4-hour turbidity readings \leq 1 NTU? **Yes**
 All turbidity readings < IFE² triggers **Yes**

CT's met everyday? (see back) **Yes**
 All Cl₂ residual at entry point \geq 0.2 mg/l? **Yes**

Notes:

Printed Darrel Lockard
 SIGNATURE: *Darrel Lockard* 09/06/23
 Phone# 541-222-9997 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

System Name: Buell Red Prairie Water District ID# 41-01174	Month/Year: Aug-22	WTP - : A	Disinfection Giardia Log Inactiv: 0.5
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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	1.31	60	78.6	23.2	7.90	11.4	YES	110
2 / 0800	1.44	60	86.4	23.3	7.90	11.5	YES	110
3 / 0800	1.32	60	79.2	23.5	7.90	11.2	YES	110
4 / 0800	1.28	60	76.8	23.6	7.90	11.0	YES	110
5 / 0800	1.29	60	77.4	23.5	7.90	11.1	YES	110
6 / 0800	1.38	60	82.8	23.6	7.90	11.2	YES	110
7 / 0800	1.25	60	75.0	23.8	7.90	10.9	YES	110
8 / 0800	1.4	60	84.0	23.9	7.90	11.0	YES	110
9 / 0800	1.47	60	88.2	23.8	7.90	11.1	YES	110
10 / 0800	1.25	60	75.0	23.6	7.90	11.0	YES	110
11 / 0800	1.26	60	75.6	23.6	7.90	11.0	YES	110
12 / 0800	1.37	60	82.2	23.7	7.90	11.1	YES	110
13 / 0800	1.22	60	73.2	23.9	7.90	10.7	YES	110
14 / 0800	1.34	60	80.4	24.4	7.90	10.5	YES	110
15 / 0800	1.35	60	81.0	24.9	7.90	10.2	YES	110
16 / 0800	1.28	60	76.8	25.1	7.90	10.0	YES	110
17 / 0800	1.29	60	77.4	25.3	7.90	9.9	YES	110
18 / 0800	1.34	60	80.4	24.6	7.90	10.4	YES	110
19 / 0800	1.66	60	99.6	23.8	7.90	11.4	YES	110
20 / 0800	1.33	60	79.8	24.2	7.90	10.7	YES	110
21 / 0800	1.32	60	79.2	23.5	7.90	11.2	YES	110
22 / 0800	1.54	60	92.4	23.1	7.90	11.8	YES	110
23 / 0800	1.51	60	90.6	22.3	7.90	12.4	YES	110
24 / 0800	1.48	60	88.8	22.7	7.90	12.0	YES	110
25 / 0800	1.38	60	82.8	22.9	7.90	11.7	YES	110
26 / 0800	1.67	60	100.2	22.7	7.90	12.3	YES	110
27 / 0800	1.28	60	76.8	22.8	7.90	11.7	YES	110
28 / 0800	1.29	60	77.4	22.7	7.90	11.7	YES	110
29 / 0800	1.32	60	79.2	22.3	7.90	12.1	YES	110
30 / 0800	1.31	60	78.6	21.9	7.90	12.4	YES	110
31 / 0800	1.42	60	85.2	21.9	7.90	12.6	YES	110

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