

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: **Polk**

Conventional or Direct Filtration

Month/Year: **May-21**

System Name:	Buell Red Prairie Water District		ID #41-01174	WTP : TP -				A
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	0.05	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	0.06	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	0.06	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	0.06	0.05	0.05	0.05	
10	0.05	0.05	0.05	0.06	0.05	0.05	0.05	
11	0.05	0.05	0.05	0.06	0.05	0.05	0.05	
12	0.05	0.05	0.05	0.06	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	0.05	
15	0.05	0.05	0.05	0.06	0.05	0.05	0.05	
16	0.05	0.05	0.05	0.06	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	0.06	0.05	
20	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
21	0.05	0.05	0.05	0.06	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	0.06	0.05	0.05	0.05	
25	0.05	0.05	0.05	0.06	0.06	0.05	0.05	
26	0.05	0.05	0.05	0.06	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	0.06	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	0.06	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 \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*

06/09/21

Phone# 541-222-8997

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 = Indivd. Filter Eff. (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: May-21

Disinfection *Giardia*
Log Inactiv:

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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	1.41	60	84.6	13.8	7.40	35.9	YES	110
2	1.7	60	102.0	13.7	7.30	36.0	YES	110
3	1.63	60	97.8	13.9	7.30	35.2	YES	110
4	1.79	60	107.4	14.2	7.30	35.1	YES	110
5	1.78	60	106.8	14.5	7.40	35.7	YES	110
6	1.81	60	108.6	14.9	7.40	34.9	YES	110
7	1.74	60	104.4	14.9	7.40	34.6	YES	110
8	1.62	60	97.2	14.9	7.40	34.1	YES	110
9	1.71	60	102.6	14.6	7.40	35.2	YES	110
10	1.84	60	110.4	14.5	7.40	35.9	YES	110
11	1.81	60	108.6	14.9	7.40	34.9	YES	110
12	1.74	60	104.4	14.9	7.40	34.6	YES	110
13	1.61	60	96.6	15.4	7.50	34.2	YES	110
14	1.83	60	109.8	16.2	7.50	33.3	YES	110
15	1.88	60	112.8	16.7	7.50	32.4	YES	110
16	1.59	60	95.4	17.3	7.50	30.1	YES	110
17	1.63	60	97.8	17.8	7.50	29.2	YES	110
18	1.54	60	92.4	17.5	7.50	29.5	YES	110
19	1.78	60	106.8	17.2	7.50	30.9	YES	110
20	1.69	60	101.4	17.0	7.50	31.0	YES	110
21	1.68	60	100.8	16.4	7.50	32.3	YES	110
22	1.75	60	105.0	16.4	7.60	32.5	YES	110
23	1.81	60	108.6	17.1	7.50	31.3	YES	110
24	1.53	60	91.8	16.8	7.50	30.9	YES	110
25	1.51	60	90.6	16.9	7.50	30.6	YES	110
26	1.77	60	106.2	16.6	7.60	33.4	YES	110
27	1.66	60	99.6	17.2	7.60	31.7	YES	110
28	1.65	60	99.0	16.8	7.60	32.5	YES	110
29	1.4	60	84.0	17.1	7.60	31.0	YES	110
30	1.55	60	93.0	17.7	7.60	30.3	YES	110
31	1.8	60	108.0	18.4	7.60	29.7	YES	110

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

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