

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk

Conventional or Direct Filtration

Month/Year: Mar-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	0.05	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	0.05	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	0.05	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	0.05	0.05	0.05	0.05		
14	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
15	0.05	0.05	0.05	0.05	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	0.05	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	0.05	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	0.05	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	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
	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?					<input checked="" type="checkbox"/> yes		CT's met everyday? (see back)		All Cl ₂ residual at entry point ≥ 0.2 mg/l?
All 4-hour turbidity readings ≤ 1 NTU?					<input checked="" type="checkbox"/> Yes		<input checked="" type="checkbox"/> Yes		<input checked="" type="checkbox"/> Yes
All turbidity readings < IFE ² triggers					<input checked="" type="checkbox"/> Yes				
Notes:					Printed Darrel Lockard				
					SIGNATURE: <i>Darrel Lockard</i>			04/10/22	
					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

WTP - : A

System Name: Buell Red Prairie Water District ID# 41-01174

Month/Year: Mar-22

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	1.64	60	98.4	7.7	7.60	29.9	YES	110
2 / 0800	1.66	60	99.6	7.7	7.60	30.0	YES	110
3 / 0800	1.54	60	92.4	7.7	7.60	29.6	YES	110
4 / 0800	1.58	60	94.8	7.3	7.60	30.5	YES	110
5 / 0800	1.49	60	89.4	7.4	7.60	30.0	YES	110
6 / 0800	1.55	60	93.0	7.5	7.70	31.1	YES	110
7 / 0800	1.61	60	96.6	7.5	7.70	31.3	YES	110
8 / 0800	1.7	60	102.0	7.6	7.70	31.4	YES	110
9 / 0800	1.63	60	97.8	7.6	7.70	31.2	YES	110
10 / 0800	1.55	60	93.0	7.4	7.60	30.2	YES	110
11 / 0800	1.28	60	76.8	7.9	7.60	28.3	YES	110
12 / 0800	1.42	60	85.2	7.7	7.50	28.1	YES	110
13 / 0800	1.39	60	83.4	7.7	7.60	29.1	YES	110
14 / 0800	1.38	60	82.8	8.1	7.60	28.3	YES	110
15 / 0800	1.44	60	86.4	8.3	7.60	28.1	YES	110
16 / 0800	1.68	60	100.8	7.9	7.50	28.6	YES	110
17 / 0800	1.52	60	91.2	8.0	7.50	27.9	YES	110
18 / 0800	1.49	60	89.4	8.1	7.50	27.6	YES	110
19 / 0800	1.6	60	96.0	8.8	7.50	26.7	YES	110
20 / 0800	1.77	60	106.2	9.1	7.60	27.6	YES	110
21 / 0800	1.39	60	83.4	9.0	7.60	26.6	YES	110
22 / 0800	1.49	60	89.4	9.3	7.60	26.4	YES	110
23 / 0800	1.48	60	88.8	9.2	7.60	26.5	YES	110
24 / 0800	1.59	60	95.4	9.0	7.60	27.2	YES	110
25 / 0800	1.44	60	86.4	9.1	7.60	26.6	YES	110
26 / 0800	1.5	60	90.0	9.5	7.50	25.2	YES	110
27 / 0800	1.49	60	89.4	9.8	7.60	25.5	YES	110
28 / 0800	1.51	60	90.6	9.8	7.60	25.6	YES	110
29 / 0800	1.68	60	100.8	9.8	7.60	26.1	YES	110
30 / 0800	1.61	60	96.6	9.8	7.60	25.9	YES	110
31 / 0800	1.62	60	97.2	9.9	7.60	25.7	YES	110

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