

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk

Conventional or Direct Filtration

Month/Year: Jan-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	0.05	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	0.06	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					
29	0.05	0.05	0.05	0.05	0.05	0.05	0.05					
30	0.05	0.05	0.05	0.05	0.06	0.05	0.05					
31	0.05	0.05	0.05	0.05	0.05	0.05	0.05					
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				Yes		Yes	
					Yes				Yes		Yes	
Notes:					Printed Darrel Lockard							
					SIGNATURE: <i>Darrel Lockard</i>				2/10/23			
					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

WTP - : A

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

Month/Year: Jan-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	1.38	60	82.8	5.6	7.50	32.3	YES	110
2 / 0800	1.44	60	86.4	5.5	7.60	34.0	YES	110
3 / 0800	1.73	60	103.8	5.6	7.80	37.5	YES	110
4 / 0800	1.4	60	84.0	8.6	7.90	30.5	YES	110
5 / 0800	1.8	60	108.0	8.4	7.90	32.4	YES	110
6 / 0800	1.4	60	84.0	8.8	7.90	30.1	YES	110
7 / 0800	1.51	60	90.6	9.1	7.90	29.9	YES	110
8 / 0800	1.6	60	96.0	9.4	7.90	29.6	YES	110
9 / 0800	1.49	60	89.4	8.9	7.90	30.2	YES	110
10 / 0800	1.44	60	86.4	8.9	7.90	30.0	YES	110
11 / 0800	1.61	60	96.6	9.1	7.80	29.1	YES	110
12 / 0800	1.54	60	92.4	9.3	7.90	29.6	YES	110
13 / 0800	1.52	60	91.2	9.6	7.90	28.9	YES	110
14 / 0800	1.53	60	91.8	9.7	7.90	28.7	YES	110
15 / 0800	1.68	60	100.8	9.7	7.80	28.2	YES	110
16 / 0800	1.5	60	90.0	9.3	7.90	29.4	YES	110
17 / 0800	1.55	60	93.0	9.1	7.90	30.0	YES	110
18 / 0800	1.41	60	84.6	9.0	7.90	29.7	YES	110
19 / 0800	1.43	60	85.8	8.5	7.90	30.8	YES	110
20 / 0800	1.63	60	97.8	8.2	7.90	32.2	YES	110
21 / 0800	1.39	60	83.4	8.0	7.90	31.7	YES	110
22 / 0800	1.44	60	86.4	8.4	7.90	31.1	YES	110
23 / 0800	1.33	60	79.8	8.3	7.90	30.9	YES	110
24 / 0800	1.73	60	103.8	8.0	7.90	33.0	YES	110
25 / 0800	1.66	60	99.6	8.4	7.90	31.9	YES	110
26 / 0800	1.61	60	96.6	9.0	7.90	30.4	YES	110
27 / 0800	1.44	60	86.4	8.8	7.90	30.2	YES	110
28 / 0800	1.7	60	102.0	8.1	7.90	32.7	YES	110
29 / 0800	1.61	60	96.6	7.7	7.80	32.1	YES	110
30 / 0800	1.63	60	97.8	7.4	7.90	34.0	YES	110
31 / 0800	1.62	60	97.2	6.2	7.90	36.9	YES	110

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