

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk

Conventional or Direct Filtration

Month/Year: Nov-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	0.05	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	0.06	0.06	0.06	0.06	0.06	0.06	0.06	
5	0.06	0.06	0.06	0.06	0.06	0.06	0.06	
6	0.07	0.07	0.07	0.07	0.07	0.07	0.07	
7	0.07	0.07	0.07	0.07	0.07	0.07	0.07	
8	0.07	0.07	0.07	0.07	0.07	0.07	0.07	
9	0.07	0.07	0.07	0.07	0.07	0.07	0.07	
10	0.06	0.06	0.06	0.07	0.07	0.06	0.07	
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	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
14	0.05	0.05	0.05	0.06	0.06	0.06	0.06	
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	0.04	0.04	0.05	
18	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
19	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
20	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
21	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
22	0.04	0.04	0.04	0.03	0.04	0.04	0.04	
23	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
24	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
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	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
31								

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	CT's met everyday? (see back)
<input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes
All Cl ₂ residual at entry point ≥ 0.2 mg/l?	<input checked="" type="checkbox"/> yes
CT revised as requested for day 1,3,4 CT time were met	Printed Darrel Lockard SIGNATURE <i>Darrel Lockard</i> Phone# 541- 222-9997
	01/02/24 CERT# 2853

¹CT times were met

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: Nov-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	0.7	60	42.0	17.0	8.00	16.7	YES	110
2 / 0800	1.1	60	66.0	16.0	8.00	18.7	YES	110
3 / 0800	0.7	60	42.0	12.0	8.00	23.2	YES	110
4 / 0800	0.9	60	54.0	12.0	8.00	23.7	YES	110
5 / 0800	1.3	60	78.0	12.0	8.00	24.9	YES	110
6 / 0800	1.2	60	72.0	12.5	8.00	23.8	YES	110
7 / 0800	1.1	60	66.0	12.0	8.00	24.3	YES	110
8 / 0800	1.1	60	66.0	15.0	8.00	19.9	YES	110
9 / 0800	1.2	60	72.0	15.0	8.00	20.2	YES	110
10 / 0800	1.5	60	90.0	10.0	8.00	29.1	YES	110
11 / 0800	1.6	60	96.0	15.0	7.60	18.2	YES	110
12 / 0800	1.2	60	72.0	12.0	7.50	20.6	YES	110
13 / 0800	1.1	60	66.0	12.0	7.50	20.4	YES	110
14 / 0800	1.15	60	69.0	12.0	7.50	20.5	YES	110
15 / 0800	1.1	60	66.0	12.5	7.50	19.6	YES	110
16 / 0800	1	60	60.0	12.0	8.00	24.0	YES	110
17 / 0800	1.2	60	72.0	12.0	7.50	20.6	YES	110
18 / 0800	1.1	60	66.0	12.5	8.00	23.5	YES	110
19 / 0800	1.2	60	72.0	12.0	8.00	24.6	YES	110
20 / 0800	1.05	60	63.0	12.5	8.00	23.4	YES	110
21 / 0800	1.15	60	69.0	12.0	8.00	24.4	YES	110
22 / 0800	1.1	60	66.0	12.5	8.00	23.5	YES	110
23 / 0800	1	60	60.0	11.0	8.00	25.7	YES	110
24 / 0800	1.2	60	72.0	10.5	8.00	27.2	YES	110
25 / 0800	1.3	60	78.0	11.0	7.50	22.3	YES	110
26 / 0800	1.2	60	72.0	10.0	7.50	23.5	YES	110
27 / 0800	1	60	60.0	10.0	7.50	23.0	YES	110
28 / 0800	1.2	60	72.0	10.5	7.50	22.7	YES	110
29 / 0800	1.1	60	66.0	10.0	7.50	23.2	YES	110
30 / 0800	1.1	60	66.0	10.5	7.50	22.5	YES	110
31 / 0800		60	#VALUE!			#VALUE!	#VALUE!	110

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