

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk

Conventional or Direct Filtration

Month/Year: Jul-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	
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	0.05	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					Monthly Summary (Answer Yes or No)			
					CT's met everyday? (see back)		All Cl ₂ residual at entry point ≥ 0.2 mg/l?	
					<input checked="" type="checkbox"/> Yes		<input checked="" type="checkbox"/> Yes	
Notes:					Printed Darrel Lockard			
					SIGNATURE: <i>Darrel Lockard</i>			08/10/22
					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: Jul-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	1.66	60	99.6	19.0	7.80	15.1	YES	110
2 / 0800	1.5	60	90.0	19.3	7.90	15.1	YES	110
3 / 0800	1.47	60	88.2	19.2	7.90	15.2	YES	110
4 / 0800	1.62	60	97.2	19.1	7.90	15.5	YES	110
5 / 0800	1.64	60	98.4	19.3	7.90	15.4	YES	110
6 / 0800	1.48	60	88.8	19.1	7.80	14.7	YES	110
7 / 0800	1.55	60	93.0	19.0	7.90	15.5	YES	110
8 / 0800	1.44	60	86.4	18.9	7.90	15.4	YES	110
9 / 0800	1.54	60	92.4	19.1	7.90	15.4	YES	110
10 / 0800	1.44	60	86.4	19.5	7.90	14.8	YES	110
11 / 0800	1.49	60	89.4	19.9	7.90	14.5	YES	110
12 / 0800	1.41	60	84.6	20.7	7.90	13.6	YES	110
13 / 0800	1.52	60	91.2	21.1	7.90	13.4	YES	110
14 / 0800	1.63	60	97.8	21.2	7.90	13.5	YES	110
15 / 0800	1.53	60	91.8	21.2	7.90	13.4	YES	110
16 / 0800	1.66	60	99.6	21.5	7.90	13.3	YES	110
17 / 0800	1.71	60	102.6	21.2	7.80	13.1	YES	110
18 / 0800	1.61	60	96.6	20.9	7.80	13.2	YES	110
19 / 0800	1.55	60	93.0	21.1	7.80	13.0	YES	110
20 / 0800	1.58	60	94.8	21.6	7.90	13.1	YES	110
21 / 0800	1.44	60	86.4	21.8	7.80	12.2	YES	110
22 / 0800	1.46	60	87.6	22.0	7.80	12.1	YES	110
23 / 0800	1.49	60	89.4	21.9	7.80	12.2	YES	110
24 / 0800	1.53	60	91.8	21.7	7.80	12.4	YES	110
25 / 0800	1.48	60	88.8	22.3	7.80	11.9	YES	110
26 / 0800	1.56	60	93.6	22.8	7.80	11.6	YES	110
27 / 0800	1.51	60	90.6	23.2	7.80	11.2	YES	110
28 / 0800	1.44	60	86.4	23.4	7.80	11.0	YES	110
29 / 0800	1.47	60	88.2	23.9	7.80	10.7	YES	110
30 / 0800	1.51	60	90.6	24.3	7.80	10.4	YES	110
31 / 0800	1.55	60	93.0	24.4	7.80	10.4	YES	110

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