

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk

Conventional or Direct Filtration

Month/Year: Jun-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	0.08	0.08	0.08	0.08	0.08	0.08	0.08		
2	0.07	0.07	0.07	0.07	0.07	0.07	0.07		
3	0.07	0.07	0.07	0.07	0.07	0.07	0.07		
4	0.07	0.07	0.07	0.07	0.07	0.07	0.07		
5	0.08	0.08	0.08	0.08	0.08	0.08	0.08		
6	0.08	0.08	0.08	0.08	0.08	0.08	0.08		
7	0.08	0.08	0.08	0.08	0.08	0.08	0.08		
8	0.08	0.08	0.08	0.08	0.08	0.08	0.08		
9	0.06	0.06	0.06	0.06	0.06	0.06	0.06		
10	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
11	0.07	0.07	0.07	0.07	0.07	0.07	0.07		
12	0.07	0.07	0.07	0.07	0.07	0.07	0.07		
13	0.06	0.06	0.06	0.06	0.06	0.06	0.06		
14	0.08	0.08	0.08	0.08	0.08	0.08	0.08		
15	0.08	0.08	0.08	0.08	0.08	0.08	0.08		
16	0.08	0.08	0.08	0.08	0.08	0.08	0.08		
17	0.08	0.08	0.08	0.08	0.08	0.08	0.08		
18	0.08	0.08	0.08	0.08	0.08	0.08	0.08		
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	0.07	0.07	0.07	0.07	0.07	0.07	0.07		
22	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
23	0.05	0.05	0.05	0.05	0.05	0.05	0.05		
24	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
25	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
26	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
27	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
28	0.03	0.03	0.03	0.03	0.03	0.03	0.03		
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					Monthly Summary (Answer Yes or No)				
95% of 4-hour turbidity readings ≤ 0.3 NTU?			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?			Yes		Yes		Yes		
All turbidity readings < IFE ² triggers			Yes						
Notes:					Printed Darrel Lockard				
					SIGNATURE: <i>Darrel Lockard</i>			07/10/23	
					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: Jun-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	1.54	60	92.4	18.7	7.90	15.8	YES	110
2 / 0800	1.41	60	84.6	18.7	7.90	15.6	YES	110
3 / 0800	1.65	60	99.0	18.9	7.90	15.8	YES	110
4 / 0800	1.55	60	93.0	19.1	7.90	15.4	YES	110
5 / 0800	1.61	60	96.6	19.3	7.90	15.3	YES	110
6 / 0800	1.56	60	93.6	19.7	7.90	14.8	YES	110
7 / 0800	1.38	60	82.8	19.8	7.90	14.4	YES	110
8 / 0800	1.44	60	86.4	19.8	7.90	14.5	YES	110
9 / 0800	1.42	60	85.2	19.9	7.90	14.4	YES	110
10 / 0800	1.49	60	89.4	19.4	7.90	15.0	YES	110
11 / 0800	1.29	60	77.4	19.9	7.90	14.2	YES	110
12 / 0800	1.33	60	79.8	20.6	7.90	13.6	YES	110
13 / 0800	1.42	60	85.2	21.1	7.90	13.3	YES	110
14 / 0800	1.31	60	78.6	20.3	7.90	13.8	YES	110
15 / 0800	1.36	60	81.6	21.0	7.90	13.3	YES	110
16 / 0800	1.51	60	90.6	20.6	7.90	13.9	YES	110
17 / 0800	1.37	60	82.2	20.2	7.90	14.0	YES	110
18 / 0800	1.38	60	82.8	20.6	7.90	13.7	YES	110
19 / 0800	1.57	60	94.2	19.8	7.90	14.7	YES	110
20 / 0800	1.48	60	88.8	19.9	7.90	14.5	YES	110
21 / 0800	1.65	60	99.0	19.3	7.90	15.4	YES	110
22 / 0800	1.51	60	90.6	19.5	7.90	14.9	YES	110
23 / 0800	1.59	60	95.4	20.1	7.90	14.5	YES	110
24 / 0800	1.48	60	88.8	20.1	7.90	14.3	YES	110
25 / 0800	1.36	60	81.6	20.3	7.90	13.9	YES	110
26 / 0800	1.38	60	82.8	20.9	7.90	13.4	YES	110
27 / 0800	1.41	60	84.6	21.2	7.90	13.2	YES	110
28 / 0800	1.49	60	89.4	21.5	7.90	13.0	YES	110
29 / 0800	1.47	60	88.2	21.9	7.90	12.7	YES	110
30 / 0800	1.42	60	85.2	22.3	7.90	12.2	YES	110
31/0800	0	60	0.0	0.0	0.00	4.2	YES	110

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