

OHA - Drinking Water Services - Surface Water Quality Data Form  
 Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County: Baker  
 Month/Year: May-24

System Name: Baker City ID#: 41 00073 WTP: TP - A

Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the day <sup>1</sup> [NTU]
1	0.38	0.38	0.35	0.35	0.38	0.38	0.42
2	0.35	0.35	0.38	0.35	0.42	19.65	37.40
3	1.42	1.02	0.68	0.62	0.55	0.52	3.64
4	0.52	0.65	0.48	0.48	0.48	0.42	1.66
5	0.48	0.45	0.48	0.52	0.55	0.48	2.16
6	0.42	0.48	0.38	0.55	0.85	0.72	0.92
7	0.62	0.52	0.42	0.55	0.99	0.79	1.06
8	0.65	0.58	0.48	0.48	0.45	0.45	0.68
9	0.48	0.42	0.42	0.38	0.42	0.42	0.45
10	0.38	0.42	0.42	0.38	0.35	0.42	0.45
11	0.38	0.42	0.38	0.38	0.35	0.42	0.48
12	0.45	0.42	0.42	0.42	0.42	0.48	0.62
13	0.58	0.58	0.52	0.52	4.15	1.29	6.60
14	1.09	0.88	0.79	0.85	0.75	0.45	1.29
15	0.62	0.48	0.55	0.72	1.76	2.13	2.80
16	1.06	1.06	1.12	1.12	0.85	1.22	2.26
17	1.73	1.73	1.09	0.82	0.82	0.85	2.03
18	0.72	0.72	0.65	0.62	0.65	0.62	0.82
19	0.68	0.62	0.82	0.68	0.58	0.55	0.68
20	0.62	0.58	0.52	0.68	0.75	0.48	1.26
21	0.45	0.38	0.38	0.38	0.38	0.45	0.58
22	0.45	0.45	0.79	0.48	0.52	0.45	0.85
23	0.48	0.38	0.42	0.42	0.48	0.52	0.55
24	0.45	0.45	0.42	0.42	0.52	0.58	0.72
25	0.58	0.45	0.45	0.45	0.45	0.45	0.58
26	0.42	0.45	0.45	0.45	0.42	0.85	1.63
27	0.42	0.55	0.58	0.45	0.48	0.55	0.65
28	0.52	0.45	0.48	0.48	0.48	0.45	0.79
29	0.48	0.42	0.38	0.45	0.38	0.38	0.58
30	0.42	0.42	0.38	0.35	0.42	0.35	0.45
31	0.35	0.35	0.35	0.35	0.48	0.42	0.95

<b>Unfiltered</b> 95% of daily turbidity readings ≤ 1 NTU? <sup>2</sup> N/A All daily turbidity readings ≤ 5 NTU? <i>see below</i> Yes (No)		<b>Monthly Summary (Answer Yes or No)</b> CT's met everyday? (see Page 2) Yes (No) All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? Yes (No)	
Notes: <i>May 2nd shows a reading of 37.40 NTU. We had just began using water from the Hoodrich line, which was turbid. The high reading was recorded as the</i>		PRINTED NAME: Dennis Bachman SIGNATURE: <i>Dennis Bachman</i> DATE: 6/5/24 PHONE #: (541) 523-7349 CERT #: T-08465	

<sup>1</sup> 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. <sup>2</sup> Filtered systems only.

*water was being sent to waste. Very little of that water was introduced into storage. Normal usage was resumed after satisfactory turbidity readings. DR*

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- A

System Name: **Baker City** ID#: **41 00073** Month/Year: **May-24** Disinfection *Giardia* Log Inactivation: **3.0**

Date / Time	Min Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup>	Contact Time Achieved (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.40	3380.4	4732.5	5.8	7.1	165.8	YES	1146
2	1.39	3956.5	5499.6	5.8	7.1	165.6	YES	928
3	1.45	3131.3	4540.4	5.9	6.9	154.2	YES	1103
4	1.46	2943.4	4297.3	5.9	7.1	165.8	YES	1184
5	1.44	3106.0	4472.6	6.1	7.2	169.2	YES	1117
6	1.38	3304.2	4559.8	6.4	7.2	164.6	YES	1050
7	1.33	3350.5	4456.1	6.4	7.3	169.7	YES	1068
8	1.35	3466.7	4680.0	6.5	7.3	168.9	YES	1104
9	1.44	3094.2	4455.6	6.4	7.3	171.9	YES	1252
10	1.43	2884.1	4124.3	6.4	7.3	171.7	YES	1327
11	1.56	1965.4	3066.0	6.6	7.3	171.9	YES	1789
12	1.50	1742.3	2613.4	6.9	7.3	167.3	YES	1777
13	1.34	1158.8	1552.8	7.2	7.4	166.8	YES	2430
14	1.32	1431.9	1890.1	6.9	7.3	163.9	YES	2499
15	1.57	1475.5	2316.5	7.1	7.0	149.5	YES	2499
16	1.78	1250.8	2226.4	7.3	7.0	151.1	YES	2836
17	1.73	1370.2	2370.4	7.3	6.9	145.0	YES	2498
18	1.73	1744.1	3017.3	7.3	7.0	150.2	YES	2123
19	1.80	2105.4	3789.7	7.2	7.2	163.8	YES	1840
20	1.82	1747.8	3181.1	7.1	6.9	148.4	YES	2163
21	1.68	1537.0	2582.1	7.1	6.9	146.1	YES	2065
22	0.92	694.1	638.5	7.1	6.9	134.0	YES	4259
23	1.46	1096.2	1600.5	7.2	7.2	157.5	YES	2810
24	1.51	1686.5	2546.6	7.3	7.2	157.3	YES	2131
25	1.46	1739.1	2539.0	7.3	7.1	150.9	YES	2156
26	1.38	1620.2	2235.8	7.5	7.1	147.6	YES	2151
27	1.28	1085.0	1388.9	7.5	7.2	151.2	YES	2839
28	1.32	1102.7	1455.5	7.6	7.1	145.6	YES	2836
29	1.41	1530.4	2157.9	8.0	6.9	133.5	YES	2206
30	1.36	1296.0	1762.6	7.7	7.0	140.2	YES	2773
31	1.35	845.7	1141.7	7.7	7.0	140.1	YES	3532

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised July 2016

## Oregon OHA - Drinking Water Services - Surface Water Quality Data

**System Name: Baker City, PWS ID#: 4100073**

**Month/Year: May-24**

Minimum UVT [%] during month: 98% Duty sensor variation from reference sensor: 1.024 %

Minimum Validated UVT: 48%

Date	Peak Hourly Demand Flow	Minimum Intensity	All Lamps On?	Daily Water Produced {A}	Water Outside Validated Conditions {B}	Cumulative Daily % Off-Spec Water Produced
	[gpm/unit]	[ <sup>mW</sup> /cm <sup>2</sup> ]	[ Y or N]	[ mgd]	[mgd]	(Daily Sum {B}) ÷ (Daily Sum {A}) * 100 [%]
1	1146	142	y	1.237		-
2	928	181	y	1.241		-
3	1103	158	y	1.304		-
4	1184	159	y	1.276		-
5	1117	135	y	1.308		-
6	1050	144	y	1.258		-
7	1068	137	y	1.279		-
8	1104	128	y	1.245		-
9	1252	113	y	1.446		-
10	1327	108	y	1.68		-
11	1789	40	y	1.963		-
12	1777	98	y	2.111		-
13	2430	67	y	2.361		-
14	2499	58	y	2.521		-
15	2499	59	y	2.774		-
16	2836	53	y	3.106		-
17	2498	27	y	2.786	0.016	0.57
18	2123	14	y	2.551	0.072	2.82
19	1840	12	y	2.283	0.214	9.37
20	2163	13	y	2.293	0.139	6.06
21	2065	17	y	2.347	0.21	8.95
22	4259	20	y	3.485	0.188	5.39
23	2810	23	y	2.542		-
24	2131	33	y	2.474		-
25	2156	32	y	2.25		-
26	2151	31	y	2.693		-
27	2839	23	y	3.383		-
28	2836	22	y	2.807	0.001	0.04
29	2206	59	y	2.442	0.001	0.04
30	2773	43	y	2.831		-
31	3532	34	y	3.529		-
Monthly Total Column {A} and Column {B}				68.806	0.841	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						1.2223

Signature: *Wennis Bachman*

Op Cert #: T-08465

Date: 6/5/24

**Raw Water E. Coli Data**

**System Name:** Baker City

**ID#:** 4100073

**Month/Year:** \_\_\_\_\_

**May-24**

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:25		ND	
2/ 09:15		2	
3/			
4/			
5/			
6/ 09:10		ND	
7/ 09:20		2	
8/ 09:20		ND	
9/ 09:15		ND	
10/			
11/			
12/			
13/ 09:00		ND	
14/ 09:15		ND	
15/ 09:00		ND	
16/ 09:00		ND	
17/			
18/			
19/			
20/ 09:10		ND	
21/ 08:40		ND	
22/ 09:10		ND	
23/ 09:00		ND	
24/			
25/			
26/			
28/ 08:40		2	
28/ 09:20		ND	
29/ 09:10		ND	
30/ 09:15		2	