

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

County: **Baker**
 Month/Year: **Feb-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 ¹ [NTU]
1	0.31	0.48	0.55	0.55	0.58	0.58	0.68
2	0.62	0.58	0.55	0.52	0.52	0.52	0.62
3	0.45	0.42	0.45	0.45	0.45	0.38	0.52
4	0.45	0.35	0.38	0.42	0.38	0.38	0.48
5	0.35	0.35	0.35	0.55	0.62	0.65	0.85
6	0.85	0.35	0.35	0.31	0.58	0.45	1.59
7	0.42	0.45	0.38	0.38	0.35	0.31	0.45
8	0.35	0.31	0.35	0.35	0.35	0.35	0.38
9	0.35	0.31	0.31	0.28	0.28	0.28	0.38
10	0.35	0.35	0.35	0.31	0.31	0.31	0.45
11	0.35	0.38	0.35	0.42	0.38	0.42	0.52
12	0.48	0.48	0.52	0.58	0.55	0.62	0.65
13	0.58	0.58	0.58	0.62	0.68	0.65	0.79
14	0.72	0.72	0.28	0.28	0.28	0.31	0.79
15	0.28	0.35	0.28	0.28	0.28	0.28	0.35
16	0.35	0.31	0.31	0.28	0.28	0.31	0.35
17	0.31	0.31	0.25	0.31	0.31	0.31	0.31
18	0.28	0.31	0.25	0.31	0.28	0.31	0.31
19	0.28	0.31	0.31	0.28	0.28	0.25	0.31
20	0.31	0.28	0.28	0.28	0.28	0.31	0.35
21	0.31	0.28	0.28	0.28	0.28	0.31	1.90
22	0.38	0.25	0.25	0.28	0.42	0.42	0.42
23	0.38	0.45	0.42	0.35	0.35	0.28	0.45
24	0.35	0.35	0.31	0.28	0.28	0.31	0.35
25	0.31	0.31	0.28	0.25	0.28	0.28	0.35
26	0.31	0.28	0.25	0.31	0.25	0.25	0.31
27	0.28	0.31	0.28	0.28	0.35	0.45	0.55
28	0.45	0.45	0.58	0.28	0.31	0.55	1.56
29	0.31	0.35	0.31	0.35	0.38	0.38	0.42
30							
31							

Unfiltered	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ² N/A	CT's met everyday? (see Page 2)	All Cl ₂ residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU? Yes / No	Yes / No	Yes / No

Notes:

PRINTED NAME: Dennis Bachman	
SIGNATURE: <i>Dennis Bachman</i>	DATE: 3/4/24
PHONE #: (541) 523-7349	CERT #: T-08465

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 Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- A

System Name: Baker City

ID#: 41 00073

Month/Year: Feb-24

Disinfection *Giardia* Log

Inactivation:

3.0

Date / Time	Min Cl ₂ Residual at 1st User (C) ³	Contact Time Achieved (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.56	2085.3	3253.1	3.9	7.2	199.2	YES	1798
2	1.46	1958.3	2859.2	3.9	7.0	183.1	YES	1859
3	1.40	1926.6	2697.3	4.0	7.1	187.3	YES	1825
4	1.44	1887.9	2718.5	4.0	7.1	188.1	YES	1813
5	1.62	1864.5	3020.6	3.8	7.1	194.8	YES	1819
6	1.77	1876.2	3320.9	3.7	6.9	185.6	YES	1816
7	1.77	1906.8	3375.0	3.6	7.1	200.9	YES	1844
8	1.81	2066.3	3740.0	3.6	7.1	201.9	YES	1792
9	1.87	2032.3	3800.4	3.4	7.1	206.1	YES	1799
10	1.87	1938.5	3625.0	3.3	7.1	207.5	YES	1878
11	1.89	1954.1	3693.3	3.2	7.0	201.9	YES	1863
12	1.83	1957.2	3581.7	3.1	7.1	209.4	YES	1868
13	1.73	2012.2	3481.0	3.2	7.1	205.6	YES	1817
14	1.69	2023.3	3419.4	3.3	7.0	195.9	YES	1807
15	1.66	2068.6	3433.9	3.1	7.3	220.9	YES	1805
16	1.64	2005.0	3288.1	3.1	7.3	220.3	YES	1808
17	1.63	1940.6	3163.1	3.2	7.3	218.6	YES	1860
18	1.63	2019.8	3292.3	3.1	7.1	204.6	YES	1787
19	1.62	2007.5	3252.1	3.1	7.3	219.8	YES	1829
20	1.58	2042.3	3226.9	3.2	7.3	217.3	YES	1813
21	1.53	2048.9	3134.8	3.3	7.1	199.4	YES	1792
22	1.48	2094.3	3099.6	3.4	7.3	211.8	YES	1664
23	1.46	2067.5	3018.5	3.5	7.3	209.9	YES	1648
24	1.53	1852.7	2834.7	3.7	7.3	208.7	YES	1797
25	1.57	1827.8	2869.6	3.7	7.3	209.7	YES	1779
26	1.65	2023.8	3339.2	3.7	7.3	211.7	YES	1599
27	1.63	1947.1	3173.7	3.7	7.3	211.2	YES	1654
28	1.56	1979.7	3088.4	3.6	7.3	210.9	YES	1611
29	1.56	1826.7	2849.7	3.3	7.3	215.3	YES	1780
30								
31								

³ If Cl₂ 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: Feb-24

Minimum UVT [%] during month: 95% Duty sensor variation from reference sensor: 1.037 %

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]	[^m W/cm ²]	[Y or N]	[mgd]	[mgd]	(Daily Sum {B}) ÷ (Daily Sum {A}) * 100 [%]
1	1798	72	y	2.373		-
2	1859	145	y	2.392		-
3	1825	139	y	2.354		-
4	1813	146	y	2.358		-
5	1819	154	y	2.368		-
6	1816	160	y	2.356		-
7	1844	155	y	2.341		-
8	1792	159	y	2.359		-
9	1799	80	y	2.339		-
10	1878	85	y	2.318		-
11	1863	42	y	2.367		-
12	1868	47	y	2.329		-
13	1817	168	y	2.34		-
14	1807	186	y	2.22		-
15	1805	97	y	2.168		-
16	1808	50	y	2.178		-
17	1860	188	y	2.196		-
18	1787	95	y	2.174		-
19	1829	49	y	2.218		-
20	1813	133	y	2.182		-
21	1792	96	y	2.146		-
22	1664	54	y	2.131		-
23	1648	188	y	2.156		-
24	1797	172	y	2.172		-
25	1779	172	y	2.193		-
26	1599	189	y	2.174		-
27	1654	179	y	2.141		-
28	1611	181	y	2.154		-
29	1780	145	y	2.146		-
30	0	0		0		#DIV/0!
31	0	0		0		#DIV/0!

Monthly Total Column {A} and Column {B}	65.343	0	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]	-		

Signature: *Dennis Bushman* Op Cert #: T-08465 Date: 3/4/24

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: Feb-24

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:50		ND	
2/			
3/			
4/			
5/ 09:15		4.5	
6/ 09:00		ND	
7/ 09:40		2	
8/ 09:20		7.8	
9/			
10/			
11/			
12/ 09:15		4	
13/ 09:10		ND	
14/ 09:40		ND	
15/ 09:00		6.8	
16/			
17/			
18/			
20/ 09:00		13	
20/ 09:40		13	
21/ 09:00		17	
22/ 09:00		4	
23/			
24/			
25/			
26/ 09:30		ND	
27/ 08:55		ND	
28/ 09:30		2	
29/ 09:10		2	
30/			
31/			