

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

County: **Baker**
 Month/Year: **Mar-23**

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	0.31	0.31	0.28	0.28	0.31	0.35
2	0.35	0.28	0.35	0.35	0.25	0.28	0.35
3	0.28	0.31	0.31	0.28	0.35	0.28	0.35
4	0.31	0.31	0.25	0.25	0.28	0.25	0.35
5	0.25	0.28	0.35	0.25	0.25	0.21	0.35
6	0.25	0.25	0.31	0.28	0.28	0.31	0.35
7	0.31	0.25	0.28	0.28	0.31	0.21	0.35
8	0.28	0.31	0.28	0.28	0.28	0.25	0.35
9	0.25	0.25	0.28	0.25	0.25	0.28	0.38
10	0.25	0.28	0.35	0.31	0.25	0.35	0.35
11	0.28	0.28	0.28	0.28	0.25	0.28	0.35
12	0.25	0.28	0.28	0.31	0.28	0.28	0.35
13	0.28	0.31	0.31	0.25	0.31	0.25	0.35
14	0.28	0.31	0.28	0.28	0.21	0.28	0.42
15	0.28	0.31	0.31	0.28	0.28	0.28	0.38
16	0.28	0.31	0.28	0.31	0.28	0.28	0.35
17	0.28	0.31	0.28	0.28	0.28	0.31	0.35
18	0.28	0.35	0.35	0.31	0.31	0.28	0.35
19	0.28	0.31	0.35	0.31	0.28	0.35	0.38
20	0.28	0.28	0.28	0.31	0.35	0.35	0.38
21	0.35	0.28	0.31	0.28	0.35	0.31	0.38
22	0.25	0.25	0.35	0.25	0.31	0.28	0.38
23	0.35	0.31	0.28	0.31	0.28	0.35	0.38
24	0.28	0.31	0.31	0.25	0.35	0.31	0.38
25	0.35	0.31	0.38	0.35	0.38	0.35	0.42
26	0.31	0.25	0.28	0.31	0.25	0.25	0.38
27	0.28	0.35	0.31	0.25	0.35	0.35	0.35
28	0.35	0.28	0.28	0.31	0.31	0.31	0.38
29	0.31	0.31	0.31	0.35	0.28	0.31	0.38
30	0.28	0.31	0.35	0.28	0.25	0.28	0.38
31	0.28	0.25	0.28	0.31	0.21	0.31	0.38

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

Notes:

PRINTED NAME: **Dennis Bachman**

SIGNATURE: *Dennis Bachman* DATE: **4/5/23**

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

Disinfection *Giardia* Log

System Name: Baker City

ID#: 41 00073

Month/Year: Mar-23

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	1.64	1331.6	2183.9	3.0	7.2	213.9	YES	2103
2	1.66	2621.3	4351.4	3.0	7.5	239.3	YES	1098
3	1.65	2706.9	4466.4	3.0	7.5	239.1	YES	1138
4	1.66	2087.1	3464.7	3.0	7.5	239.3	YES	1625
5	1.64	1815.5	2977.4	3.0	7.5	238.8	YES	1851
6	1.63	1572.9	2563.8	3.0	7.5	238.5	YES	1820
7	1.65	1561.0	2575.6	3.0	7.3	222.1	YES	1794
8	1.64	2169.8	3558.4	3.1	7.5	237.1	YES	1305
9	1.65	2195.3	3622.2	3.0	7.5	239.1	YES	1304
10	1.66	3733.9	6198.3	3.1	7.5	237.7	YES	900
11	1.66	1940.4	3221.1	3.0	7.5	239.3	YES	1796
12	1.64	1634.5	2680.7	3.0	7.5	238.8	YES	1837
13	1.64	1601.2	2625.9	3.1	7.2	212.4	YES	1749
14	1.65	1601.8	2643.0	3.2	7.5	235.8	YES	1758
15	1.58	2007.5	3171.8	3.3	7.5	232.2	YES	1457
16	1.57	2808.7	4409.6	3.3	7.2	207.8	YES	1130
17	1.57	1923.3	3019.5	3.2	7.5	233.6	YES	1812
18	1.63	1696.0	2764.4	3.1	7.5	236.9	YES	1798
19	1.69	1358.2	2295.3	3.1	7.2	213.7	YES	2165
20	1.70	2796.4	4753.9	3.2	7.5	237.2	YES	1096
21	1.69	2758.6	4662.0	3.3	7.5	235.3	YES	1190
22	1.68	1972.9	3314.4	3.4	7.5	233.4	YES	1798
23	1.65	1773.5	2926.3	3.4	7.5	232.5	YES	1772
24	1.61	1749.8	2817.2	3.4	7.2	207.4	YES	1636
25	1.61	1890.9	3044.3	3.3	7.5	233.1	YES	1481
26	1.67	1701.8	2842.0	3.2	7.5	236.3	YES	1737
27	1.68	2052.5	3448.2	3.1	7.2	213.4	YES	1516
28	1.69	1935.0	3270.2	3.1	7.5	238.5	YES	1801
29	1.71	1725.8	2951.1	3.1	7.5	239.1	YES	1794
30	1.69	677.9	1145.6	3.1	7.5	238.5	YES	4200
31	1.68	2198.4	3693.3	3.3	7.2	210.5	YES	1288

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: Mar-23

Minimum UVT [%] during month: 97 Duty sensor variation from reference sensor: 0.927 %

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]	[^{mW} /cm ²]	[Y or N]	[mgd]	[mgd]	(Daily Sum {B}) ÷ (Daily Sum {A}) * 100 [%]
1	2103	34	y	1.819		-
2	1098	65	y	1.5		-
3	1138	62	y	1.386		-
4	1625	43	y	1.191		-
5	1851	49	y	2.297		-
6	1820	70	y	2.28		-
7	1794	71	y	1.769		-
8	1305	98	y	1.675		-
9	1304	99	y	1.165		-
10	900	91	y	1.081		-
11	1796	49	y	2.23		-
12	1837	48	y	2.276		-
13	1749	51	y	1.894		-
14	1758	50	y	1.71		-
15	1457	60	y	1.454		-
16	1130	120	y	1.116		-
17	1812	94	y	1.995		-
18	1798	69	y	2.201		-
19	2165	57	y	1.755		-
20	1096	113	y	1.5		-
21	1190	103	y	1.197	0.001	0.08
22	1798	61	y	1.986		-
23	1772	68	y	2.205		-
24	1636	52	y	2.088		-
25	1481	58	y	1.626		-
26	1737	69	y	1.569		-
27	1516	86	y	1.062		-
28	1801	46	y	1.976		-
29	1794	47	y	2.196		-
30	4200	52	y	2.032		-
31	1288	66	y	1.75		-
Monthly Total Column {A} and Column {B}				53.981	0.001	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0019

Signature: *Nennis Bachman*

Op Cert #: T-08465

Date: 4/5/23

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Mar-23

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:10		ND	
2/			
3/			
4/			
5/			
6/ 09:15		2	
7/ 09:15		ND	
8/ 09:00		ND	
9/			
10/			
11/			
12/			
13/ 09:15		4.5	
14/ 09:20		7.8	
15/ 09:30		13	
16/			
17/			
18/			
19/			
20/ 09:10		2	
21/ 09:15		4.5	
22/ 09:20		4.5	
23/			
24/			
25/			
26/			
27/ 09:20		7.8	
28/ 09:20		2	
29/ 09:05		2	
30/			
31/			