

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

County: **Baker**
 Month/Year: **February 2022**

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	0.38	0.25	0.28	0.28	0.25	0.35	0.38
2	0.35	0.28	0.28	0.28	0.28	0.25	0.35
3	0.25	0.25	0.28	0.28	0.28	0.28	0.35
4	0.28	0.31	0.25	0.35	0.28	0.21	1.99
5	0.35	0.31	0.45	0.42	0.28	0.31	1.19
6	0.35	0.25	0.35	0.25	0.25	0.25	0.38
7	0.25	0.21	0.25	0.25	0.25	0.35	0.38
8	0.28	0.25	0.31	0.25	0.28	0.31	0.38
9	0.28	0.31	0.28	0.31	0.35	0.28	0.38
10	0.25	0.31	0.31	0.35	0.28	0.38	0.48
11	0.35	0.42	0.38	0.38	0.45	0.38	0.52
12	0.38	0.48	0.42	0.45	0.48	0.38	0.52
13	0.42	0.42	0.38	0.42	0.48	0.42	0.52
14	0.42	0.45	0.42	0.52	0.42	0.48	0.58
15	0.55	0.48	0.48	0.45	0.45	0.42	0.55
16	0.42	0.48	0.35	0.42	0.42	0.38	0.48
17	0.35	0.42	0.35	0.35	0.38	0.42	0.45
18	0.42	0.38	0.35	0.28	0.31	0.35	0.42
19	0.31	0.28	0.28	0.38	0.31	0.31	0.42
20	0.35	0.31	0.38	0.31	0.35	0.28	0.42
21	0.31	0.35	0.35	0.35	0.31	0.38	0.42
22	0.28	0.38	0.35	0.31	0.31	0.31	0.38
23	0.35	0.35	0.38	0.28	0.42	0.28	0.45
24	0.25	0.35	0.28	0.28	0.28	0.31	0.38
25	0.31	0.28	0.25	0.25	0.28	0.21	0.38
26	0.25	0.31	0.21	0.31	0.25	0.28	0.38
27	0.28	0.21	0.31	0.28	0.31	0.31	0.38
28	0.25	0.21	0.28	0.25	0.35	0.35	0.52
29							
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: 3/7/22
	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-22** 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	1.36	1809.3	2460.6	3.2	7.3	211.7	YES	1823
2	1.35	1781.7	2405.3	3.1	7.4	220.9	YES	1825
3	1.36	2013.6	2738.5	3.2	7.4	219.6	YES	1638
4	1.37	1993.1	2730.6	3.2	7.4	219.9	YES	1647
5	1.35	1914.7	2584.8	3.2	7.4	219.4	YES	1682
6	1.34	1765.7	2366.1	3.2	7.4	219.1	YES	1912
7	1.39	1775.2	2467.6	3.2	7.4	220.4	YES	1893
8	1.40	1821.3	2549.9	3.3	7.4	219.2	YES	1828
9	1.40	1780.9	2493.3	3.3	7.3	211.3	YES	1852
10	1.37	1672.3	2291.0	3.4	7.3	209.1	YES	1963
11	1.33	1662.2	2210.7	3.5	7.3	206.7	YES	2003
12	1.29	1733.0	2235.6	3.6	7.4	211.9	YES	1993
13	1.31	1771.3	2320.4	3.5	7.4	213.9	YES	1985
14	1.36	1825.7	2482.9	3.5	7.4	215.2	YES	1960
15	1.35	1762.1	2378.9	3.5	7.4	214.9	YES	2013
16	1.35	1772.4	2392.8	3.5	7.4	214.9	YES	1975
17	1.36	1659.3	2256.7	3.5	7.4	215.2	YES	2044
18	1.39	1778.8	2472.5	3.4	7.4	217.4	YES	1863
19	1.45	1850.7	2683.5	3.3	7.4	220.5	YES	1799
20	1.50	1706.8	2560.2	3.4	7.4	220.2	YES	1978
21	1.46	1774.4	2590.6	3.5	7.4	217.7	YES	1929
22	1.44	1665.5	2398.4	3.3	7.4	220.2	YES	2027
23	1.46	1830.8	2673.0	3.0	7.3	217.2	YES	1827
24	1.46	1820.4	2657.8	2.7	7.3	221.7	YES	1846
25	1.49	713.1	1062.6	2.6	7.3	224.1	YES	4756
26	1.52	1649.5	2507.2	2.6	7.3	224.8	YES	2009
27	1.51	1623.2	2451.1	2.5	7.4	234.6	YES	1984
28	1.49	1518.7	2262.9	2.6	7.4	232.4	YES	2100
29								
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-22

Minimum UVT [%] during month: 58 Duty sensor variation from reference sensor: 0.9485 %

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	1823	106	y	2.5		-
2	1825	107	y	2.32		-
3	1638	119	y	2.25		-
4	1647	119	y	2.25		-
5	1682	115	y	2.249		-
6	1912	101	y	2.529		-
7	1893	103	y	2.475		-
8	1828	107	y	2.492		-
9	1852	74	y	2.501		-
10	1963	56	y	2.567		-
11	2003	63	y	2.497		-
12	1993	58	y	2.482		-
13	1985	53	y	2.502		-
14	1960	17	y	2.486	0.993	* 39.94
15	2013	0	y	2.455	0.658	* 26.80
16	1975	66	y	2.46		-
17	2044	66	y	2.477	0.015	0.61
18	1863	74	y	2.426	0.009	0.37
19	1799	75	y	2.341		-
20	1978	74	y	2.383	0.006	0.25
21	1929	70	y	2.455		-
22	2027	77	y	2.455		-
23	1827	84	y	2.442		-
24	1846	84	y	2.438		-
25	4756	82	y	2.48	0.001	0.04
26	2009	102	y	2.514		-
27	1984	103	y	2.519	0.001	0.04
28	2100	105	y	2.482	0.004	0.16
29						#DIV/0!
30						#DIV/0!
31						#DIV/0!
Monthly Total Column {A} and Column {B}				68.427	1.687	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						2.4654

UVT Malfunction
DB

**

Signature: *Dennis Bachman*

Op Cert #: T-08465 Date: 3/7/22

* UVT Malfunction
DB 3/7/22

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Feb-22

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