

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

County: **Baker**  
 Month/Year: **Feb-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 <sup>1</sup> [NTU]
1	0.31	0.31	0.35	0.38	0.35	0.31	0.38
2	0.35	0.35	0.38	0.31	0.31	0.35	0.38
3	0.38	0.31	0.35	0.31	0.35	0.31	0.38
4	0.35	0.31	0.38	0.31	0.28	0.31	0.38
5	0.31	0.28	0.35	0.35	0.31	0.35	0.38
6	0.31	0.31	0.28	0.35	0.31	0.35	0.38
7	0.31	0.31	0.35	0.35	0.35	0.35	0.38
8	0.31	0.28	0.31	0.28	0.35	0.31	0.38
9	0.28	0.28	0.31	0.31	0.28	0.31	0.38
10	0.35	0.31	0.31	0.28	0.35	0.31	0.38
11	0.31	0.28	0.28	0.31	0.35	0.28	0.38
12	0.28	0.35	0.25	0.28	0.35	0.28	0.38
13	0.31	0.31	0.31	0.28	0.25	0.28	0.38
14	0.28	0.28	0.31	0.31	0.31	0.25	0.38
15	0.28	0.25	0.31	0.31	0.28	0.28	0.38
16	0.25	0.31	0.28	0.28	0.42	0.35	3.37
17	0.35	0.38	0.38	0.35	0.31	0.28	0.42
18	0.28	0.31	0.31	0.31	0.35	0.28	0.38
19	0.31	0.38	0.31	0.31	0.35	0.38	0.38
20	0.28	0.28	0.35	0.31	0.28	0.35	0.38
21	0.38	0.31	0.28	0.35	0.31	0.35	0.38
22	0.28	0.31	0.31	0.31	0.25	0.31	0.38
23	0.35	0.31	0.31	0.31	0.28	0.28	0.38
24	0.25	0.28	0.28	0.31	0.31	0.31	0.35
25	0.25	0.31	0.31	0.31	0.28	0.28	0.35
26	0.28	0.35	0.25	0.28	0.28	0.28	0.38
27	0.28	0.31	0.28	0.28	0.31	0.31	0.35
28	0.28	0.28	0.31	0.31	0.31	0.25	0.38
29							
30							
31							

Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings $\leq$ 1 NTU? <sup>2</sup>	N/A	CT's met everyday? (see Page 2)	All Cl <sub>2</sub> residual at entry point $\geq$ 0.2 mg/l?
All daily turbidity readings $\leq$ 5 NTU?	<b>Yes / No</b>	<b>Yes / No</b>	<b>Yes / No</b>

Notes:

PRINTED NAME: <b>Dennis Bachman</b>	
SIGNATURE: <i>Dennis Bachman</i>	DATE: <b>3-3-23</b>
PHONE #: <b>(541) 523-7349</b>	CERT #: <b>T-08465</b>

<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.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- A

System Name: Baker City ID#: 41 00073 Month/Year: Feb-23 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	1.61	3624.5	5835.4	3.2	7.4	226.2	YES	910
2	1.64	2261.2	3708.4	3.1	7.2	212.4	YES	1610
3	1.68	1662.9	2793.7	3.0	7.2	214.9	YES	1815
4	1.69	2743.8	4637.1	3.1	7.4	229.9	YES	1100
5	1.69	2775.6	4690.8	3.2	7.5	236.9	YES	1093
6	1.65	1792.0	2956.7	3.3	7.5	234.2	YES	1693
7	1.65	2407.1	3971.7	3.4	7.3	216.1	YES	1409
8	1.64	2017.2	3308.3	3.4	7.5	232.3	YES	1797
9	1.63	1630.4	2657.6	3.4	7.5	232.0	YES	1813
10	1.65	2651.1	4374.3	3.4	7.5	232.5	YES	1115
11	1.66	2644.3	4389.5	3.3	7.5	234.4	YES	1112
12	1.64	2658.3	4359.6	3.3	7.5	233.9	YES	1112
13	1.63	2662.2	4339.4	3.3	7.2	209.3	YES	1198
14	1.63	2228.0	3631.7	3.3	7.5	233.6	YES	1620
15	1.63	1616.2	2634.4	3.3	7.5	233.6	YES	1829
16	1.66	1274.1	2115.0	3.2	7.3	219.3	YES	2198
17	1.64	2524.0	4139.4	3.2	7.5	235.5	YES	1128
18	1.65	2776.2	4580.7	3.2	7.5	235.8	YES	1104
19	1.67	1917.9	3202.8	3.1	7.2	213.2	YES	1809
20	1.65	1636.3	2699.9	3.2	7.5	235.8	YES	1816
21	1.63	1590.2	2592.1	3.3	7.2	209.3	YES	1761
22	1.60	2249.2	3598.7	3.5	7.5	229.6	YES	1252
23	1.59	1812.4	2881.7	3.3	7.3	216.1	YES	1631
24	1.59	1837.7	2921.9	3.1	7.5	235.7	YES	1744
25	1.62	461.9	748.3	3.0	7.5	238.2	YES	7444
26	1.62	1958.1	3172.2	2.9	7.5	239.9	YES	1740
27	1.63	1817.9	2963.2	2.9	7.5	240.2	YES	1840
28	1.64	707.5	1160.3	2.9	7.5	240.4	YES	4156
29								
30								
31								

<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: Feb-23**

Minimum UVT [%] during month: 97 Duty sensor variation from reference sensor: 0.984 %

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	910	135	y	1.089		-
2	1610	77	y	1.514		-
3	1815	68	y	2.224		-
4	1100	112	y	1.501		-
5	1093	112	y	1.498		-
6	1693	77	y	1.119		-
7	1409	117	y	1.152		-
8	1797	114	y	1.565		-
9	1813	41	y	2.25		-
10	1115	66	y	1.499		-
11	1112	66	y	1.499		-
12	1112	67	y	1.232		-
13	1198	82	y	1.026		-
14	1620	99	y	1.465		-
15	1829	47	y	2.265		-
16	2198	56	y	1.738		-
17	1128	109	y	1.498		-
18	1104	111	y	1.291		-
19	1809	167	y	1.751		-
20	1816	50	y	2.332		-
21	1761	52	y	1.953		-
22	1252	72	y	1.622		-
23	1631	55	y	1.477		-
24	1744	51	y	1.416		-
25	7444	24	y	1.819	0.001	0.05
26	1740	52	y	1.311		-
27	1840	39	y	2.28		-
28	4156	34	y	2.209		-
29						#DIV/0!
30						#DIV/0!
31						#DIV/0!
Monthly Total Column {A} and Column {B}				45.595	0.001	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0022

Signature: *Aennis Bachman*

Op Cert #: T-08465

Date: 3-3-23

**Raw Water E. Coli Data**

System Name: Baker City

ID#: 4100073

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

**Feb-23**

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