

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

County: **Baker**  
 Month/Year: **Mar-21**

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	0.42	0.28	0.31	0.28	0.28	0.25	0.38
2	0.25	0.28	0.28	0.31	0.31	0.31	0.38
3	0.28	0.25	0.28	0.31	0.31	0.35	0.38
4	0.28	0.25	0.35	0.38	0.38	0.35	0.42
5	0.31	0.31	0.35	0.42	0.42	0.42	0.45
6	0.42	0.31	0.42	0.45	0.38	0.45	0.48
7	0.35	0.45	0.42	0.35	0.38	0.42	0.45
8	0.35	0.35	0.38	0.42	0.38	0.38	0.45
9	0.38	0.38	0.35	0.42	0.31	0.38	0.42
10	0.38	0.31	0.31	0.35	0.35	0.31	0.42
11	0.31	0.31	0.28	0.38	0.38	0.25	0.42
12	0.38	0.31	0.31	0.35	0.31	0.25	0.42
13	0.42	0.38	0.28	0.28	0.38	0.38	0.42
14	0.31	0.42	0.35	0.38	0.48	0.52	0.58
15	0.48	0.58	0.55	0.48	0.55	0.48	0.65
16	0.58	0.52	0.52	0.45	0.48	0.58	0.62
17	0.48	0.45	0.55	0.55	0.52	0.55	0.62
18	0.55	0.55	0.55	0.55	0.58	0.55	0.65
19	0.52	0.52	0.62	0.65	0.55	0.58	0.72
20	0.62	0.62	0.68	0.65	0.58	0.52	0.72
21	0.65	0.62	0.55	0.52	0.55	0.52	0.65
22	0.55	0.48	0.48	0.52	0.48	0.55	0.58
23	0.52	0.48	0.55	0.48	0.48	0.48	0.62
24	0.62	0.58	0.58	0.65	0.52	0.45	6.44
25	0.45	0.42	0.48	0.48	0.45	0.52	0.55
26	0.48	0.38	0.45	0.45	0.42	0.48	0.55
27	0.42	0.35	0.35	0.42	0.42	0.38	0.48
28	0.45	0.48	0.52	0.48	0.52	0.58	0.79
29	0.79	0.88	0.82	0.75	0.75	0.85	0.88
30	0.85	0.75	0.85	0.68	0.52	0.48	0.85
31	0.55	0.55	0.45	0.31	0.45	0.35	0.99

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?	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No

Notes:	PRINTED NAME: <b>Dennis Bachman</b>	
	SIGNATURE: <i>Dennis Bachman</i>	DATE: <b>4/9/21</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: Mar-21 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	1.11	1549.8	1720.2	1.1	7.5	255.8	YES	1807
2	1.01	2578.9	2604.7	1.2	7.5	251.0	YES	1104
3	1.07	2012.7	2153.6	1.6	7.5	245.9	YES	1832
4	1.06	1926.7	2042.3	1.7	7.5	243.9	YES	1946
5	1.05	2032.3	2133.9	2.0	7.5	238.6	YES	1799
6	1.09	2013.1	2194.2	2.2	7.5	236.5	YES	1793
7	1.06	1981.7	2100.6	1.8	7.5	242.2	YES	1790
8	1.02	1892.4	1930.2	2.2	7.5	234.5	YES	1858
9	1.05	1964.4	2062.6	1.6	7.5	245.3	YES	1782
10	1.04	1882.5	1957.8	1.7	7.5	243.3	YES	1843
11	1.02	1906.1	1944.2	1.9	7.5	239.4	YES	1812
12	1.02	1883.0	1920.6	2.0	7.5	237.8	YES	1826
13	1.03	1861.5	1917.3	2.2	7.5	234.8	YES	1822
14	1.03	1838.8	1894.0	2.4	7.5	231.6	YES	1836
15	0.98	1848.9	1811.9	2.8	7.5	223.9	YES	1826
16	1.02	793.7	809.6	2.7	7.5	226.6	YES	4234
17	1.00	1794.8	1794.8	2.6	7.5	227.6	YES	1855
18	1.08	1813.2	1958.3	3.0	7.5	223.5	YES	1819
19	1.05	1873.6	1967.3	3.2	7.5	219.7	YES	1777
20	1.00	1846.4	1846.4	3.1	7.4	212.0	YES	1820
21	0.88	1848.7	1626.9	2.9	7.4	211.9	YES	1843
22	0.91	1981.4	1803.1	3.1	7.4	209.7	YES	1751
23	0.98	1842.9	1806.1	2.8	7.4	215.9	YES	1815
24	0.97	1705.6	1654.4	2.8	7.4	215.6	YES	1797
25	1.05	2113.2	2218.8	2.9	7.4	216.2	YES	1605
26	1.01	2118.4	2139.6	2.7	7.4	218.1	YES	1814
27	1.01	2086.9	2107.8	2.9	7.4	215.2	YES	1819
28	1.02	2084.1	2125.8	3.3	7.4	209.6	YES	1814
29	0.98	1969.2	1929.9	3.2	7.5	217.9	YES	1825
30	0.91	1915.1	1742.7	3.0	7.5	219.1	YES	1836
31	0.88	2006.6	1765.8	3.1	7.5	216.8	YES	1760

<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: Mar-21

Minimum UVT [%] during month: 90      Duty sensor variation from reference sensor: 1.05 %

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	1807	186	y	2.245		-
2	1104	280	y	1.132		-
3	1832	41	y	1.964		-
4	1946	38	y	2.262		-
5	1799	41	y	2.306		-
6	1793	27	y	2.283		-
7	1790	39	y	2.299		-
8	1858	37	y	2.256		-
9	1782	44	y	2.248		-
10	1843	149	y	2.253		-
11	1812	153	y	2.24		-
12	1826	153	y	2.248		-
13	1822	152	y	2.258		-
14	1836	149	y	2.287	0.001	0.04
15	1826	141	y	2.278		-
16	4234	154	y	2.293	0.004	0.17
17	1855	80	y	2.286	0.001	0.04
18	1819	85	y	2.273		-
19	1777	91	y	2.247		-
20	1820	83	y	2.223	0.001	0.04
21	1843	77	y	2.188		-
22	1751	82	y	2.18		-
23	1815	83	y	2.218		-
24	1797	148	y	1.649		-
25	1605	171	y	1.505		-
26	1814	153	y	2.275		-
27	1819	123	y	2.298		-
28	1814	163	y	2.292		-
29	1825	115	y	2.325	0.001	0.04
30	1836	119	y	2.285		-
31	1760	125	y	2.254		-
Monthly Total Column {A} and Column {B}				67.35	0.008	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0119

Signature: *Dennis Buchanan*

Op Cert #: T-08465

Date: 4/9/21

**Raw Water E. Coli Data**

**System Name:** Baker City

**ID#:** 4100073

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

**Mar-21**

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:10		2	
2/ 09:20		2	
3/ 10:00		ND	
4/			
5/			
6/			
7/			
8/ 09:10		1.8	
9/ 09:10		1.8	
10/ 09:15		4.5	
11/			
12/			
13/			
14/			
15/ 09:00		4.5	
16/ 09:50		2	
17/ 09:10		4.5	
18/			
19/			
20/			
21/			
22/ 09:05		4	
23/ 09:20		2	
24/ 09:30		4.5	
25/			
26/			
27/			
28/			
29/ 09:15		7.8	
30/ 09:15		7.8	
31/ 09:15		7.8	