

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

County: Baker  
 Month/Year: Mar-22

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	0.28	0.38	0.35	0.35	0.42	0.52
2	0.45	0.38	0.35	0.42	0.45	0.48	0.58
3	0.52	0.55	0.58	0.42	0.38	0.35	0.65
4	0.42	0.35	0.38	0.35	0.38	0.42	0.68
5	0.42	0.38	0.31	0.28	0.42	0.38	0.55
6	0.38	0.31	0.21	0.35	0.31	0.35	0.38
7	0.28	0.28	0.25	0.31	0.18	0.28	0.38
8	0.31	0.25	0.31	0.25	0.25	0.28	0.48
9	0.28	0.28	0.21	0.25	0.25	0.31	0.35
10	0.28	0.21	0.25	0.25	0.52	0.35	0.92
11	0.35	0.35	0.31	0.28	0.38	0.35	0.42
12	0.28	0.31	0.28	0.28	0.21	0.31	0.38
13	0.31	0.31	0.31	0.28	0.31	0.35	0.38
14	0.35	0.21	0.25	0.31	0.35	0.35	0.38
15	0.31	0.38	0.35	0.48	0.55	0.62	0.68
16	0.52	0.58	0.55	0.52	0.31	0.35	0.62
17	0.28	0.28	0.35	0.35	0.28	0.35	0.38
18	0.28	0.25	0.28	0.25	0.25	0.28	0.38
19	0.35	0.21	0.28	0.25	0.25	0.28	0.38
20	0.25	0.25	0.25	0.25	0.28	0.35	0.38
21	0.31	0.31	0.25	0.28	0.28	0.35	0.35
22	0.31	0.25	0.35	0.28	0.25	0.31	0.38
23	0.31	0.35	0.31	0.21	0.31	0.92	1.19
24	1.22	1.15	1.06	0.82	0.52	0.45	1.22
25	0.52	0.62	0.52	0.52	0.55	0.68	0.82
26	0.72	0.79	0.68	0.75	0.79	0.92	1.15
27	1.06	0.92	0.92	0.79	0.79	0.99	1.12
28	0.92	0.92	1.02	0.99	0.79	0.95	1.56
29	0.95	0.82	0.85	0.72	0.68	0.75	1.66
30	0.62	0.68	0.65	0.55	0.55	0.35	0.72
31	0.28	0.31	0.45	0.48	1.56	0.28	2.70

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) <input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl <sub>2</sub> residual at entry point $\geq$ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
All daily turbidity readings $\leq$ 5 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No		

Notes:

PRINTED NAME: Dennis Bachman

SIGNATURE: *Dennis Bachman* DATE: 4/5/22

PHONE #: (541) 523-7349 CERT #: T-08465

<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-22 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	1.46	1704.2	2488.1	2.8	7.4	228.4	YES	1908
2	1.32	1787.9	2360.0	3.0	7.4	221.6	YES	1984
3	1.20	1762.2	2114.6	3.2	7.4	215.5	YES	1960
4	1.14	1639.7	1869.3	3.4	7.4	211.1	YES	1983
5	1.13	1642.8	1856.3	3.4	7.3	203.3	YES	1932
6	1.26	1717.1	2163.6	3.1	7.3	210.7	YES	1803
7	1.46	1634.1	2385.8	3.1	7.3	215.7	YES	1828
8	1.55	1622.4	2514.7	2.9	7.3	221.0	YES	1822
9	1.54	1579.8	2432.9	2.9	7.3	220.8	YES	1812
10	1.57	1535.1	2410.1	2.9	7.3	221.6	YES	1804
11	1.56	1467.1	2288.7	2.9	7.3	221.3	YES	1930
12	1.59	1550.7	2465.7	2.8	7.3	223.6	YES	1846
13	1.52	1697.1	2579.5	2.9	7.3	220.3	YES	1806
14	1.48	1779.7	2634.0	3.1	7.4	224.3	YES	1827
15	1.44	1856.0	2672.6	3.3	7.3	212.3	YES	1819
16	1.28	1880.4	2407.0	3.4	7.3	206.9	YES	1845
17	1.22	1871.8	2283.5	3.6	7.3	202.7	YES	1812
18	1.32	1801.3	2377.8	3.5	7.3	206.5	YES	1831
19	1.38	1566.2	2161.3	3.5	7.3	207.9	YES	2096
20	1.46	1495.0	2182.7	3.5	7.3	209.9	YES	2175
21	1.47	1730.6	2543.9	3.5	7.3	210.1	YES	1816
22	1.50	1694.1	2541.1	3.4	7.3	212.3	YES	1800
23	1.50	1658.2	2487.2	3.4	7.3	212.3	YES	1839
24	1.26	1818.1	2290.8	3.6	7.3	203.6	YES	1797
25	1.02	2063.0	2104.3	3.8	7.3	195.3	YES	1825
26	0.97	1742.4	1690.1	3.9	7.3	192.8	YES	2143
27	1.07	1866.3	1997.0	4.1	7.3	192.4	YES	2009
28	1.05	1852.1	1944.7	4.1	7.2	185.2	YES	2016
29	0.97	2069.7	2007.7	4.2	7.2	182.2	YES	1789
30	0.98	1914.3	1876.0	4.2	7.1	175.9	YES	1788
31	1.06	723.0	766.4	4.3	7.2	182.9	YES	4196

<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-22**

Minimum UVT [%] during month: 90      Duty sensor variation from reference sensor: 0.9956 %

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	1908	111	y	2.428	0.002	0.08
2	1984	99	y	2.461	0.002	0.08
3	1960	91	y	2.48	0.001	0.04
4	1983	96	y	2.499	0.007	0.28
5	1932	63	y	2.429		-
6	1803	71	y	2.364		-
7	1828	73	y	2.354		-
8	1822	74	y	2.286		-
9	1812	76	y	2.261		-
10	1804	77	y	2.082		-
11	1930	77	y	2.476	0.001	0.04
12	1846	86	y	2.248		-
13	1806	89	y	2.297		-
14	1827	88	y	2.351		-
15	1819	87	y	2.337		-
16	1845	76	y	2.302		-
17	1812	70	y	2.274		-
18	1831	73	y	2.26	0.001	0.04
19	2096	87	y	2.202		-
20	2175	86	y	2.197		-
21	1816	100	y	2.212		-
22	1800	102	y	2.215		-
23	1839	79	y	2.236		-
24	1797	88	y	2.246	0.001	0.04
25	1825	76	y	2.321		-
26	2143	43	y	2.384		-
27	2009	48	y	2.401		-
28	2016	46	y	2.455		-
29	1789	45	y	2.379		-
30	1788	43	y	2.25		-
31	4196	49	y	2.231		-
Monthly Total Column {A} and Column {B}				71.918	0.015	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0209

Signature: *Dennis Bachman*

Op Cert #: T-08465      Date: 4/5/22

**Raw Water E. Coli Data**

System Name: Baker City

ID#: 4100073

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

Mar-22

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