

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

County: **Baker**
 Month/Year: **Feb-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 ¹ [NTU]
1	0.31	0.21	0.21	0.11	0.21	0.18	0.28
2	0.15	0.18	0.15	0.21	0.15	0.11	0.25
3	0.18	0.15	0.15	0.18	0.15	0.11	0.25
4	0.18	0.18	0.18	0.21	0.28	0.31	2.40
5	0.28	0.28	0.31	0.38	0.35	0.35	0.48
6	0.42	0.38	0.52	0.52	0.58	0.65	0.68
7	0.65	0.62	0.75	0.79	0.82	0.79	0.88
8	0.85	0.88	0.28	0.28	0.35	0.25	0.95
9	0.28	0.28	0.25	0.28	0.25	0.35	0.38
10	0.31	0.21	0.31	0.35	0.25	0.28	0.45
11	0.28	0.28	0.28	0.25	0.31	0.28	0.38
12	0.35	0.31	0.28	0.28	0.28	0.25	0.35
13	0.25	0.28	0.35	0.31	0.35	0.28	0.35
14	0.35	0.25	0.25	0.28	0.31	0.28	0.35
15	0.28	0.28	0.21	0.28	0.35	0.25	0.42
16	0.31	0.35	0.25	0.35	0.31	0.28	0.35
17	0.21	0.28	0.35	0.21	0.25	0.28	0.38
18	0.35	0.31	0.31	0.21	0.31	0.31	0.38
19	0.28	0.28	0.25	0.25	0.21	0.28	0.38
20	0.28	0.28	0.28	0.25	0.25	0.25	0.35
21	0.21	0.28	0.28	0.25	0.28	0.25	0.35
22	0.28	0.28	0.25	0.28	0.35	0.35	6.67
23	0.35	0.45	0.38	0.35	0.31	0.28	0.48
24	0.28	0.28	0.25	0.31	0.25	0.35	0.38
25	0.28	0.31	0.28	0.35	0.25	0.31	0.35
26	0.28	0.21	0.31	0.28	0.25	0.25	0.38
27	0.28	0.28	0.25	0.25	0.35	0.31	0.38
28	0.28	0.21	0.21	0.35	0.31	0.35	0.35
29							
30							
31							

Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings \leq 1 NTU? ²	N/A	CT's met everyday? (see Page 2)	All Cl ₂ residual at entry point \geq 0.2 mg/l?
All daily turbidity readings \leq 5 NTU?	(Yes) No	(Yes) No	(Yes) No
Notes:		PRINTED NAME: Dennis Bachman	
		SIGNATURE: <i>Dennis Bachman</i>	
		PHONE #: (541) 523-7349	DATE: 3-9-21
		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-21 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	1.10	1625.2	1787.7	2.1	7.5	238.4	YES	1838
2	1.10	1536.8	1690.5	2.2	7.5	236.7	YES	1802
3	1.03	2600.1	2678.1	1.9	7.5	239.7	YES	1089
4	1.10	1972.9	2170.1	1.9	7.5	241.7	YES	1798
5	0.96	1832.3	1759.0	2.2	7.5	232.8	YES	1851
6	1.12	1672.1	1872.7	2.0	7.5	240.6	YES	1833
7	1.11	1501.2	1666.3	1.9	7.5	242.0	YES	1824
8	1.14	1652.2	1883.6	1.9	7.5	242.8	YES	1629
9	1.13	2865.6	3238.1	1.6	7.5	247.6	YES	1113
10	1.18	1957.2	2309.5	1.3	7.5	254.3	YES	1876
11	1.25	1857.5	2321.9	1.6	7.5	251.2	YES	1851
12	1.25	1744.5	2180.6	1.6	7.5	251.2	YES	1855
13	1.26	1708.4	2152.6	1.7	7.5	249.8	YES	1794
14	1.24	1586.7	1967.5	1.6	7.5	250.9	YES	1814
15	1.30	1859.9	2417.8	1.6	7.5	252.7	YES	1581
16	1.30	1531.3	1990.7	1.5	7.5	254.4	YES	2418
17	1.32	1925.5	2541.6	1.3	7.5	258.6	YES	1818
18	1.16	1798.7	2086.5	1.2	7.5	255.5	YES	1825
19	1.10	1712.5	1883.7	1.4	7.5	250.2	YES	1817
20	0.94	1664.1	1564.3	1.6	7.5	242.1	YES	1795
21	0.90	1967.8	1771.0	1.4	7.5	244.3	YES	1605
22	1.20	1966.0	2359.2	1.5	7.5	251.4	YES	1923
23	1.12	1919.1	2149.4	1.7	7.5	245.6	YES	1824
24	1.05	839.1	881.0	1.5	7.5	247.0	YES	4172
25	1.04	1837.3	1910.8	1.2	7.5	251.9	YES	1829
26	1.06	1777.1	1883.7	1.4	7.5	249.0	YES	1821
27	1.08	1710.7	1847.5	1.2	7.5	253.1	YES	1828
28	1.00	1605.6	1605.6	1.2	7.5	250.7	YES	1841
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: February 2021

Minimum UVT [%] during month: 91 Duty sensor variation from reference sensor: 0.999 %

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]	[^m W/cm ²]	[Y or N]	[mgd]	[mgd]	(Daily Sum {B}) ÷ (Daily Sum {A}) * 100 [%]
1	1838	119	y	2.39		-
2	1802	121	y	2.248		-
3	1089	199	y	1.183		-
4	1798	114	y	1.804		-
5	1851	115	y	2.38	0.001	0.04
6	1833	115	y	2.39	0.001	0.04
7	1824	117	y	2.386	0.001	0.04
8	1629	130	y	1.47		-
9	1113	71	y	1.181		-
10	1876	34	y	1.984		-
11	1851	42	y	2.352		-
12	1855	42	y	2.32		-
13	1794	44	y	2.326		-
14	1814	43	y	2.227		-
15	1581	74	y	1.209		-
16	2418	88	y	2.083		-
17	1818	121	y	2.315	0.002	0.09
18	1825	119	y	2.315		-
19	1817	119	y	2.307	0.001	0.04
20	1795	120	y	2.028	0.002	0.10
21	1605	56	y	1.171		-
22	1923	104	y	1.957	0.003	0.15
23	1824	167	y	2.352	0.006	0.26
24	4172	161	y	2.317		-
25	1829	158	y	2.286		-
26	1821	160	y	2.289		-
27	1828	161	y	2.253		-
28	1841	159	y	2.285		-
29						#DIV/0!
30						#DIV/0!
31						#DIV/0!
Monthly Total Column {A} and Column {B}				57.808	0.017	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0294

Signature: *Rennie Bachman*

Op Cert #: T-08465

Date: 3-9-21

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Feb-21

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:10		ND	
2/ 10:30		4.5	
3/ 09:00		2	
4/			
5/			
6/			
7/			
8/ 09:15		2	
9/ 09:15		ND	
10/ 09:20		4.5	
11/			
12/			
13/			
14/			
15/			
16/ 09:51		2	
17/ 09:20		4.5	
18/ 09:00		ND	
19/			
20/			
21/			
22/ 09:15		ND	
23/ 09:00		4.5	
24/ 09:00		2	
25/			
26/			
27/			
28/			
29/			
30/			
31/			