

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

County: **Baker**
 Month/Year: **Jan-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 ¹ [NTU]
1	0.28	0.31	0.25	0.28	0.28	0.35	0.35
2	0.28	0.25	0.28	0.25	0.28	0.35	0.35
3	0.25	0.28	0.31	0.25	0.28	0.31	0.38
4	0.25	0.25	0.25	0.31	0.35	0.28	0.38
5	0.28	0.35	0.42	0.28	0.28	0.21	0.48
6	0.31	0.31	0.21	0.35	1.02	0.82	1.26
7	0.55	0.42	0.35	0.31	0.38	0.31	0.55
8	0.38	0.28	0.31	0.25	0.35	0.25	0.38
9	0.25	0.31	0.28	0.25	0.25	0.35	0.35
10	0.31	0.31	0.31	0.21	0.25	0.35	0.38
11	0.28	0.25	0.31	0.35	0.31	0.21	0.35
12	0.31	0.31	0.25	0.35	0.25	0.31	0.35
13	0.21	0.25	0.31	0.28	0.25	0.25	0.38
14	0.28	0.25	0.25	0.31	0.25	0.31	0.35
15	0.25	0.28	0.31	0.28	0.28	0.21	0.35
16	0.35	0.31	0.25	0.35	0.25	0.35	0.35
17	0.21	0.25	0.25	0.28	0.25	0.28	0.35
18	0.28	0.35	0.25	0.28	0.31	0.25	0.38
19	0.28	0.25	0.28	0.31	0.28	0.25	0.35
20	0.21	0.31	0.25	0.31	0.31	0.42	0.45
21	0.28	0.31	0.31	0.25	0.25	0.28	0.38
22	0.31	0.31	0.25	0.21	0.25	0.31	0.35
23	0.28	0.21	0.31	0.31	0.25	0.38	0.38
24	0.31	0.31	0.21	0.25	0.38	0.35	0.38
25	0.38	0.38	0.31	0.35	0.21	0.31	0.38
26	0.35	0.28	0.28	0.28	0.28	0.35	0.38
27	0.25	0.35	0.31	0.31	0.31	0.35	0.38
28	0.28	0.21	0.25	0.28	0.25	0.25	0.38
29	0.31	0.31	0.28	0.25	0.28	0.28	0.35
30	0.31	0.35	0.28	0.28	0.35	0.28	0.38
31	0.31	0.21	0.25	0.31	0.31	0.25	0.38

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: 2-9-22
		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: Jan-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	1.49	1511.6	2252.3	3.2	7.3	215.0	YES	2007
2	1.50	1292.9	1939.3	3.1	7.3	216.7	YES	2154
3	1.56	1853.9	2892.1	3.1	7.3	218.3	YES	1670
4	1.48	1677.9	2483.3	3.2	7.3	214.7	YES	1669
5	1.41	1347.1	1899.4	3.2	7.4	220.9	YES	2102
6	1.37	1497.5	2051.6	3.3	7.4	218.4	YES	2109
7	1.14	1708.1	1947.2	3.4	7.4	211.1	YES	2186
8	1.02	1527.8	1558.4	3.4	7.3	200.7	YES	2281
9	1.05	1463.8	1537.0	3.5	7.3	200.0	YES	2232
10	1.14	1535.5	1750.5	3.4	7.3	203.5	YES	1996
11	1.31	1456.1	1907.5	3.4	7.4	215.4	YES	1966
12	1.34	1946.0	2607.7	3.4	7.3	208.4	YES	1487
13	1.33	2205.7	2933.6	3.5	7.3	206.7	YES	1453
14	1.31	2084.2	2730.3	3.6	7.4	212.4	YES	1799
15	1.31	1963.7	2572.4	3.7	7.4	211.0	YES	1846
16	1.31	1858.5	2434.7	3.7	7.4	211.0	YES	1850
17	1.33	1803.7	2398.9	3.6	7.4	212.9	YES	1820
18	1.33	1532.1	2037.7	3.6	7.4	212.9	YES	1970
19	1.33	1424.3	1894.3	3.7	7.3	203.9	YES	1999
20	1.34	1537.1	2059.7	3.7	7.4	211.7	YES	1832
21	1.33	2098.4	2790.9	3.7	7.3	203.9	YES	1468
22	1.29	1877.8	2422.4	3.7	7.3	202.9	YES	1831
23	1.29	1980.6	2554.9	3.7	7.4	210.5	YES	1846
24	1.29	1708.8	2204.4	3.6	7.4	211.9	YES	2003
25	1.30	1671.7	2173.2	3.6	7.4	212.2	YES	1973
26	1.31	773.6	1013.4	3.5	7.4	213.9	YES	4304
27	1.32	2048.5	2704.1	3.4	7.4	215.6	YES	1686
28	1.33	1997.1	2656.1	3.3	7.3	209.6	YES	1784
29	1.35	1988.3	2684.2	3.2	7.4	219.4	YES	1831
30	1.36	1928.8	2623.2	3.1	7.4	221.1	YES	1831
31	1.36	1903.6	2588.9	3.1	7.4	221.1	YES	1798

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: Jan-22

Minimum UVT [%] during month: 93 Duty sensor variation from reference sensor: 1.029 %

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	2007	77	y	2.578		-
2	2154	71	y	2.531		-
3	1670	92	y	2.25		-
4	1669	94	y	2.252		-
5	2102	95	y	1.953	0.001	0.05
6	3109	55	y	1.901		-
7	2186	56	y	2.589	0.004	0.15
8	2281	68	y	2.738	0.004	0.15
9	2232	58	y	2.617	0.002	0.08
10	1996	76	y	2.568	0.001	0.04
11	1966	97	y	2.512		-
12	1487	95	y	1.985		-
13	1453	136	y	1.691		-
14	1799	188	y	2.092		-
15	1846	81	y	2.5		-
16	1850	81	y	2.5		-
17	1820	82	y	2.501		-
18	1970	76	y	2.612		-
19	1999	74	y	2.475		-
20	1832	81	y	2.189		-
21	1468	103	y	1.994		-
22	1831	107	y	1.985		-
23	1846	78	y	2.5		-
24	2003	72	y	2.679		-
25	1973	73	y	2.485		-
26	4304	89	y	2.239		-
27	1686	94	y	2.251		-
28	1784	88	y	2.244	0.001	0.04
29	1831	105	y	2.411		-
30	1831	106	y	2.499		-
31	1798	108	y	2.5		-
Monthly Total Column {A} and Column {B}				72.821	0.013	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0179

Signature: *Nemis Bahman*

Op Cert #: T-08465 Date: 2-9-22

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: Jan-22

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/			
3/			
4/ 10:20		ND	
4/ 11:50		2	
5/ 09:10		2	
7/			
8/			
9/			
10/ 09:15		4.5	
11/ 09:10		ND	
12/ 09:15		2	
13/			
14/			
15/			
16/			
17/			
18/			
19/ 09:10		ND	
20/ 08:00		ND	
20/ 09:30		ND	
22/			
23/			
24/ 09:20		7.8	
25/ 09:15		2	
26/ 09:00		4.5	
27/			
28/			
29/			
30/			
31/ 09:15		7.8	