

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

County: **Baker**
 Month/Year: **Jan-24**

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	0.45	0.31	0.31	0.26	0.28	0.25	0.45
2	0.31	0.31	0.31	0.25	0.31	0.31	0.35
3	0.28	0.28	0.28	0.31	0.28	0.31	0.35
4	0.31	0.25	0.31	0.31	0.31	0.25	0.35
5	0.25	0.28	0.31	0.28	0.31	0.25	0.35
6	0.25	0.25	0.28	0.28	0.31	0.28	0.35
7	0.25	0.25	0.28	0.28	0.28	0.28	0.31
8	0.28	0.28	0.25	0.31	1.49	0.85	2.16
9	0.55	0.42	0.42	0.35	0.75	0.95	0.99
10	0.48	0.45	0.35	0.35	0.35	0.35	0.55
11	0.31	0.31	0.31	0.31	0.31	0.35	0.35
12	0.28	0.35	0.25	0.28	0.31	0.28	0.35
13	0.28	0.31	0.25	0.28	0.28	0.25	0.35
14	0.31	0.42	0.38	0.38	0.42	0.42	0.52
15	0.42	0.62	0.48	0.48	0.48	0.48	0.92
16	0.48	0.48	0.52	0.45	0.48	0.45	0.52
17	0.45	0.48	0.55	0.28	0.31	0.35	0.55
18	0.31	0.31	0.35	0.28	0.31	0.31	0.38
19	0.28	0.35	0.31	0.31	0.35	0.35	0.38
20	0.31	0.35	0.38	0.35	0.31	0.35	0.38
21	0.35	0.28	0.35	0.38	0.28	0.31	0.38
22	0.28	0.35	0.35	0.38	0.42	0.35	0.42
23	0.38	0.31	0.31	0.38	0.31	0.35	0.38
24	0.31	0.35	0.38	0.35	0.35	0.35	0.38
25	0.31	0.35	0.28	0.28	0.28	0.35	0.38
26	0.31	0.31	0.35	0.31	0.31	0.31	0.38
27	0.31	0.31	0.35	0.55	0.58	0.65	0.72
28	0.55	0.48	0.52	0.55	0.62	0.75	0.88
29	0.85	0.79	0.68	0.68	0.72	0.68	0.85
30	0.75	0.79	0.68	0.58	0.42	0.45	0.79
31	0.42	0.42	0.42	0.45	0.45	0.48	0.52

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: 2/1/24
	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-24

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	1.68	3462.9	5817.7	4.0	7.0	186.6	YES	921
2	1.66	3515.2	5835.3	4.0	7.1	193.0	YES	925
3	1.65	3563.3	5879.4	4.1	7.3	206.0	YES	930
4	1.66	3561.2	5911.7	4.0	7.3	207.6	YES	948
5	1.73	3611.6	6248.1	4.0	7.3	209.3	YES	952
6	1.86	2394.3	4453.5	4.0	7.3	212.6	YES	1462
7	1.71	3739.1	6393.8	3.9	7.3	210.3	YES	957
8	1.70	3811.1	6478.9	3.8	7.3	211.5	YES	943
9	1.20	1981.3	2377.6	3.7	7.3	200.8	YES	1806
10	1.77	1605.7	2842.1	3.6	7.0	193.8	YES	2151
11	1.77	1118.9	1980.5	3.4	7.2	211.3	YES	2906
12	1.79	1724.8	3087.4	3.4	7.1	204.2	YES	1795
13	1.83	220.5	403.5	3.4	7.0	197.8	YES	14184
14	1.86	2250.1	4185.2	3.2	7.1	208.7	YES	1452
15	1.84	1644.0	3025.0	3.1	7.2	217.5	YES	2186
16	1.84	1487.2	2736.5	3.1	7.3	225.6	YES	2155
17	1.86	1721.0	3201.1	3.1	7.0	202.6	YES	1808
18	1.80	2175.1	3915.2	3.1	7.2	216.5	YES	1452
19	1.20	2191.5	2629.8	3.1	7.2	201.7	YES	1505
20	1.19	1717.2	2043.5	3.4	7.3	204.7	YES	2120
21	1.50	1584.9	2377.3	3.4	7.1	197.4	YES	2140
22	1.43	1483.1	2120.8	3.6	7.2	200.3	YES	2161
23	1.31	1732.5	2269.5	3.7	7.0	182.4	YES	1814
24	1.25	1664.8	2081.0	3.7	7.2	194.8	YES	1869
25	1.29	1567.0	2021.4	3.8	7.1	187.4	YES	1946
26	1.31	2014.1	2638.4	3.8	7.1	187.9	YES	1599
27	1.31	1721.4	2255.1	3.8	7.3	202.0	YES	2151
28	1.34	1693.6	2269.4	3.8	7.3	202.7	YES	2168
29	1.20	1852.3	2222.8	3.9	7.4	205.4	YES	1999
30	1.20	1914.2	2297.0	3.9	7.1	184.2	YES	1975
31	1.41	2068.1	2916.0	3.9	7.3	203.0	YES	1813

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-24

Minimum UVT [%] during month: 96% Duty sensor variation from reference sensor: 1.004 %

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	921	125	y	1.106		-
2	925	124	y	1.119		-
3	930	123	y	1.116		-
4	948	109	y	1.111		-
5	952	57	y	1.091		-
6	1462	76	y	1.061		-
7	957	96	y	1.117		-
8	943	98	y	1.141		-
9	1806	49	y	1.98		-
10	2151	41	y	1.967	0.006	0.31
11	2906	31	y	2.426		-
12	1795	48	y	2.301		-
13	1484	58	y	1.992		-
14	1452	39	y	1.59		-
15	2186	25	y	2.238		-
16	2155	26	y	2.601		-
17	1808	23	y	2.235		-
18	1452	37	y	1.999		-
19	1505	36	y	1.748		-
20	2120	26	y	2.146		-
21	2140	30	y	2.513		-
22	2161	47	y	2.52		-
23	1814	30	y	2.211		-
24	1869	27	y	2.497		-
25	1946	28	y	2.145	0.004	0.19
26	1599	34	y	1.617		-
27	2151	25	y	2.481		-
28	2168	24	y	2.523		-
29	1999	23	y	2.555		-
30	1975	23	y	2.466		-
31	1813	42	y	2.363	0.001	0.04
Monthly Total Column {A} and Column {B}				59.976	0.011	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0183

Signature: *Alexis Burkman*

Op Cert #: T-08465

Date: 2/1/24

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Jan-24

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/ 09:00		2	
3/ 09:15		ND	
4/ 09:15		2	
5/			
6/			
7/			
8/ 09:10		ND	
9/ 09:15		7.8	
10/ 09:15		2	
11/ 09:15		2	
12/			
13/			
14/			
16/ 08:45		4.5	
16/ 09:45		4	
17/ 09:20		7.8	
18/ 11:30		13	
19/			
20/			
21/			
22/ 09:15		7.8	
23/ 09:10		13	
24/ 09:30		2	
25/ 09:30		ND	
26/			
27/			
28/			
29/ 09:00		7.8	
30/ 09:15		1.8	
31/ 09:00		2	