

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

County: **Baker**
 Month/Year: **Oct-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	0.21	0.25	0.25	0.28	0.28	0.25	1.83
2	0.25	0.38	0.31	0.35	0.35	0.38	0.38
3	0.28	0.25	0.25	0.31	0.38	0.38	0.38
4	0.35	0.38	0.28	0.28	0.38	0.35	1.09
5	0.35	0.38	0.31	0.42	0.25	0.25	0.62
6	0.28	0.28	0.25	0.38	0.35	0.38	0.38
7	0.38	0.45	0.25	0.28	0.25	0.35	0.48
8	0.42	0.35	0.35	0.31	0.25	0.25	0.42
9	0.28	0.28	0.25	0.38	0.35	0.42	0.42
10	0.38	0.42	0.25	0.28	0.25	0.25	0.45
11	0.28	0.25	0.38	0.35	0.38	0.38	0.42
12	0.25	0.25	0.31	0.28	0.25	0.28	0.35
13	0.25	0.31	0.25	0.42	0.38	0.38	0.45
14	0.25	0.31	0.28	0.28	0.25	0.25	0.31
15	0.31	0.28	0.25	0.38	0.38	0.45	0.48
16	0.28	0.28	0.28	0.28	0.35	0.35	0.42
17	0.28	0.31	0.28	0.25	0.31	0.25	0.35
18	0.31	0.28	0.25	0.28	0.25	0.25	0.31
19	0.25	0.31	0.25	0.25	0.28	0.25	0.31
20	0.25	0.25	0.28	0.25	0.28	0.28	0.31
21	0.28	0.28	0.28	0.35	0.21	0.21	0.48
22	0.21	0.21	0.21	0.25	0.25	0.21	0.58
23	0.21	0.21	0.25	0.21	0.25	0.28	0.28
24	0.21	0.21	0.21	0.28	0.25	0.25	0.28
25	0.25	0.21	0.28	0.21	0.21	0.25	0.28
26	0.21	0.21	0.25	0.25	0.25	0.21	0.28
27	0.21	0.21	0.28	0.25	0.25	0.31	0.45
28	0.42	0.31	0.31	0.25	0.25	0.21	0.45
29	0.21	0.21	0.21	0.25	0.25	0.25	0.28
30	0.21	0.25	0.28	0.21	0.21	0.21	0.28
31	0.25	0.21	0.25	0.25	0.25	0.21	0.28

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

Notes:

PRINTED NAME: Dennis Bachman

SIGNATURE: *Dennis Bachman* **DATE:** 11/6/24

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: Oct-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	1.34	1354.7	1815.3	8.0	6.9	132.4	YES	2159
2	1.29	815.8	1052.4	7.9	7.2	147.4	YES	3509
3	1.41	991.9	1398.6	7.8	7.2	150.4	YES	2886
4	1.39	997.1	1386.0	7.7	7.2	151.1	YES	2871
5	1.41	1135.1	1600.4	7.7	6.9	136.1	YES	2851
6	1.36	1011.2	1375.2	7.7	7.0	140.2	YES	2831
7	1.37	989.9	1356.1	7.6	7.2	151.7	YES	2892
8	1.39	1472.8	2047.3	7.8	7.2	150.1	YES	2176
9	1.33	1105.3	1470.0	7.9	7.0	137.9	YES	2590
10	1.39	1108.0	1540.1	7.9	7.2	149.1	YES	2724
11	1.32	1318.6	1740.5	8.1	7.2	145.9	YES	2171
12	1.29	1701.6	2195.1	8.0	7.2	146.4	YES	1792
13	1.22	1586.8	1935.9	8.3	7.2	142.3	YES	1804
14	1.26	1696.9	2138.1	8.3	7.2	143.0	YES	1797
15	1.19	1758.4	2092.5	8.4	7.3	146.0	YES	1628
16	1.26	2094.7	2639.3	8.3	7.2	143.0	YES	1634
17	1.19	2378.8	2830.8	8.7	7.2	138.1	YES	1465
18	1.17	2856.6	3342.2	8.6	7.2	138.8	YES	1269
19	1.29	3298.0	4254.5	8.4	7.0	132.8	YES	1118
20	1.29	2927.4	3776.4	8.3	7.0	133.7	YES	1318
21	1.25	3014.8	3768.5	8.3	7.0	133.1	YES	1254
22	1.24	3270.9	4055.9	8.2	7.3	148.8	YES	1113
23	1.24	4093.2	5075.6	8.5	7.2	140.8	YES	878
24	1.22	3245.9	3960.0	8.3	7.2	142.3	YES	1112
25	1.36	3274.6	4453.5	8.1	7.0	136.6	YES	1126
26	1.35	3458.9	4669.5	7.9	7.0	138.2	YES	1084
27	1.35	3460.4	4671.6	7.9	7.2	148.4	YES	1106
28	1.35	3607.0	4869.4	7.8	6.9	134.3	YES	1074
29	1.27	3378.0	4290.0	7.7	7.2	149.0	YES	1133
30	1.26	3544.5	4466.0	7.6	7.2	149.8	YES	1071
31	1.26	3703.5	4666.4	7.3	7.2	152.9	YES	1025

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: Oct-24

Minimum UVT [%] during month: 90% Duty sensor variation from reference sensor: 1.021 %
 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	2159	34	y	2.493		-
2	3509	21	y	3.009		-
3	2886	25	y	3.003		-
4	2871	15	y	2.881		-
5	2851	14	y	2.879		-
6	2831	14	y	2.857		-
7	2892	14	y	2.775		-
8	2176	15	y	2.655		-
9	2590	15	y	2.853	0.003	0.11
10	2724	13	y	2.681		-
11	2171	29	y	2.409		-
12	1792	33	y	2.291		-
13	1804	32	y	2.285		-
14	1797	32	y	2.258		-
15	1628	33	y	2.126		-
16	1634	22	y	1.779		-
17	1465	36	y	1.672		-
18	1269	40	y	1.676		-
19	1118	45	y	1.402		-
20	1318	44	y	1.365		-
21	1254	42	y	1.425		-
22	1113	33	y	1.336	0.005	0.37
23	878	52	y	1.248		-
24	1112	52	y	1.116		-
25	1126	88	y	1.103		-
26	1084	55	y	1.093		-
27	1106	91	y	1.081		-
28	1074	54	y	1.072		-
29	1133	93	y	1.118		-
30	1071	54	y	1.074		-
31	1025	90	y	0.983		-

Monthly Total Column {A} and Column {B}	59.998	0.008	
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Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]	0.0133
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Signature: *Rennis Buchman*

Op Cert #: T-08465 Date: 11/6/24

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Oct-24

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 10:55		ND	
2/ 09:05		ND	
3/ 09:00		1.8	
4/			
5/			
6/			
7/ 09:10		2	
8/ 09:20		31	
9/ 09:20		ND	
10/ 09:15		ND	
11/			
12/			
13/			
14/ 09:10		ND	
15/ 09:10		2	
16/ 09:10		2	
17/ 09:10		<2	
18/			
19/			
20/			
21/ 09:15		<2	
22/ 09:10		ND	
23/ 09:25		<2	
24/ 09:30		<2.0	
25/			
26/			
27/			
28/ 09:10		<2	
29/ 09:10		ND	
30/ 09:15		<2	
31/ 09:15		<2	