

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

County: **Baker**
 Month/Year: **Apr-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	0.38	0.25	0.28	0.58	0.31	0.55	0.68
2	0.25	0.28	0.31	0.31	0.31	0.31	1.06
3	0.31	0.31	0.48	0.38	0.45	0.38	0.48
4	0.38	0.42	0.45	0.42	0.38	0.45	0.48
5	0.45	0.45	0.48	0.45	0.42	0.45	0.65
6	0.45	0.45	0.45	0.42	0.45	0.42	0.48
7	0.45	0.45	0.45	0.45	0.42	0.42	0.58
8	0.42	0.42	0.38	0.42	0.45	0.42	0.48
9	0.42	0.38	0.45	0.45	0.42	0.42	0.48
10	0.45	0.38	0.42	0.45	0.42	0.45	0.48
11	0.45	0.42	0.45	0.45	0.48	0.42	0.48
12	0.45	0.48	0.45	0.45	0.48	0.45	0.48
13	0.45	0.48	0.48	0.45	0.48	0.45	0.52
14	0.45	0.48	0.48	0.48	0.45	0.48	0.52
15	0.45	0.48	0.52	1.29	1.12	1.02	1.42
16	1.02	0.95	0.88	0.88	0.85	0.88	1.06
17	0.82	0.88	0.88	0.88	0.95	0.92	1.06
18	0.99	0.99	0.58	0.62	0.58	0.58	1.02
19	0.58	0.62	0.55	0.55	0.58	0.52	1.39
20	0.55	0.55	0.52	0.52	0.48	0.52	0.55
21	0.52	0.48	0.48	0.48	0.52	0.55	0.55
22	0.52	0.45	0.52	0.45	0.48	0.52	0.52
23	0.48	0.48	0.48	0.52	0.79	0.62	0.88
24	0.65	0.58	0.62	0.55	0.58	0.62	0.65
25	0.58	0.55	0.55	0.55	0.55	0.45	0.72
26	0.45	0.55	0.55	0.52	0.52	0.52	0.62
27	0.58	0.55	0.55	0.55	0.52	0.52	0.58
28	0.48	0.45	0.52	0.48	0.45	0.48	0.55
29	0.48	0.45	0.45	0.45	0.48	0.45	0.52
30	0.48	0.52	0.48	0.45	0.42	0.35	0.99
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?	<u>Yes</u> / No	<u>Yes</u> / No	<u>Yes</u> / No
Notes:	PRINTED NAME: Dennis Bachman		
	SIGNATURE: <i>Dennis Bachman</i>		DATE: 5/7/24
	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: Apr-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	1.56	2885.2	4500.9	3.8	7.2	200.6	YES	1127
2	1.56	1650.5	2574.8	3.9	7.2	199.2	YES	2102
3	1.56	1885.0	2940.6	4.0	7.0	184.0	YES	1824
4	1.51	2001.6	3022.5	4.2	7.2	194.0	YES	1811
5	1.44	2104.5	3030.5	4.4	7.2	189.9	YES	1789
6	1.39	2061.8	2865.9	4.4	6.9	169.4	YES	1811
7	1.41	2067.4	2915.0	4.2	7.2	191.8	YES	1776
8	1.47	2048.0	3010.6	4.2	7.2	193.1	YES	1770
9	1.51	1939.4	2928.6	4.2	7.2	194.0	YES	1837
10	1.56	1904.0	2970.2	4.2	7.2	195.2	YES	1814
11	1.58	1809.3	2858.6	4.3	7.0	180.7	YES	1823
12	1.52	1671.8	2541.1	4.5	6.9	170.8	YES	1824
13	1.36	1669.0	2269.9	4.6	7.1	179.0	YES	1827
14	1.20	1691.4	2029.7	4.9	7.1	172.1	YES	1812
15	1.17	1950.9	2282.6	5.1	7.2	175.4	YES	1571
16	1.02	3106.0	3168.1	5.1	7.1	166.3	YES	1107
17	1.00	3009.6	3009.6	5.1	7.1	165.9	YES	1282
18	0.96	3392.2	3256.5	4.9	7.1	167.4	YES	1142
19	1.15	3531.4	4061.1	4.9	7.0	165.1	YES	1097
20	1.49	2683.1	3997.9	4.9	7.0	171.7	YES	1438
21	1.48	3490.0	5165.2	4.9	7.0	171.5	YES	1110
22	1.48	1714.0	2536.7	5.0	7.0	170.4	YES	2124
23	1.59	1638.1	2604.5	5.2	6.7	152.9	YES	2080
24	1.65	2496.8	4119.7	5.3	6.7	152.9	YES	1483
25	1.69	2131.0	3601.4	5.5	7.1	174.9	YES	1796
26	1.64	1891.5	3102.0	5.8	7.1	170.4	YES	1826
27	1.48	1952.4	2889.5	5.8	6.8	150.3	YES	1785
28	1.43	2006.6	2869.5	5.9	7.0	159.4	YES	1791
29	1.40	2066.2	2892.7	5.9	7.0	158.9	YES	1777
30	1.43	2147.4	3070.8	5.9	7.1	165.2	YES	1804
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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: Apr-24

Minimum UVT [%] during month: 93% Duty sensor variation from reference sensor: 1.002 %

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	1127	257	y	1.132		-
2	2102	161	y	2.039		-
3	1824	47	y	2.168		-
4	1811	128	y	2.134		-
5	1789	87	y	2.128		-
6	1811	41	y	2.126		-
7	1776	117	y	2.13		-
8	1770	81	y	2.145		-
9	1837	44	y	2.23		-
10	1814	109	y	2.296		-
11	1823	122	y	2.25		-
12	1824	77	y	2.359		-
13	1827	85	y	2.155		-
14	1812	41	y	2.273		-
15	1571	87	y	1.546		-
16	1107	109	y	1.152		-
17	1282	54	y	1.188		-
18	1142	103	y	1.217		-
19	1097	140	y	1.336	0.009	0.67
20	1438	123	y	1.323		-
21	1110	54	y	1.387		-
22	2124	29	y	1.76		-
23	2080	30	y	1.878		-
24	1483	56	y	1.659		-
25	1796	103	y	1.741		-
26	1826	24	y	2.077		-
27	1785	43	y	1.76		-
28	1791	91	y	2.025		-
29	1777	91	y	1.967		-
30	1804	90	y	1.465		-
31						#DIV/0!
Monthly Total Column {A} and Column {B}				55.046	0.009	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0163

Signature: *Aennis Bachman*

Op Cert #: T-08465

Date: 5/7/24

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: Apr-24

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