

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

County: **Baker**  
 Month/Year: **Dec-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 <sup>1</sup> [NTU]
1	0.35	0.28	0.25	0.28	0.28	0.28	0.31
2	0.25	0.28	0.25	0.25	0.25	0.25	0.31
3	0.31	0.25	0.25	0.25	0.25	0.28	0.31
4	0.25	0.28	0.31	0.28	0.28	0.31	0.31
5	0.31	0.28	0.28	0.25	0.31	0.31	0.35
6	0.25	0.31	0.28	0.28	0.31	0.28	0.31
7	0.28	0.25	0.31	0.28	0.31	0.31	0.35
8	0.28	0.28	0.28	0.25	0.31	0.25	0.35
9	0.28	0.31	0.28	0.25	0.31	0.25	0.31
10	0.28	0.25	0.28	0.25	0.28	0.28	0.31
11	0.25	0.28	0.31	0.31	0.25	0.28	0.31
12	0.31	0.28	0.25	0.28	0.28	0.25	0.31
13	0.25	0.31	0.25	0.28	0.31	0.31	0.35
14	0.28	0.35	0.28	0.28	0.25	0.28	0.35
15	0.28	0.31	0.31	0.31	0.28	0.25	0.35
16	0.31	0.28	0.28	0.31	0.28	0.31	0.35
17	0.31	0.25	0.31	0.25	0.28	0.28	5.69
18	0.28	0.28	0.28	0.25	0.28	0.31	0.31
19	0.25	0.28	0.28	0.31	0.28	0.28	0.35
20	0.31	0.31	0.31	0.28	0.31	0.28	0.35
21	0.31	0.28	0.31	0.31	0.28	0.28	0.35
22	0.31	0.28	0.31	0.31	0.31	0.28	0.35
23	0.31	0.31	0.35	0.28	0.42	0.31	0.48
24	0.28	0.28	0.28	0.28	0.31	0.35	0.42
25	0.25	0.28	0.31	0.25	0.28	0.31	0.35
26	0.28	0.31	0.28	0.31	0.28	0.28	0.35
27	0.31	0.28	0.28	0.31	0.28	0.28	0.35
28	0.31	0.31	0.31	0.31	0.28	0.31	0.31
29	0.29	0.28	0.31	0.31	0.28	0.25	0.35
30	0.28	0.28	0.25	0.28	0.31	0.25	0.35
31	0.31	0.31	0.28	0.31	0.28	0.31	0.68

<b>Unfiltered</b>		<b>Monthly Summary (Answer Yes or No)</b>	
95% of daily turbidity readings $\leq$ 1 NTU? <sup>2</sup>	N/A	CT's met everyday? (see Page 2)	All Cl <sub>2</sub> residual at entry point $\geq$ 0.2 mg/l?
All daily turbidity readings $\leq$ 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: **1/7/25**

PHONE #: **(541) 523-7349** CERT #: **T-08465**

<sup>1</sup> 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. <sup>2</sup> Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- A

System Name: Baker City ID#: 41 00073 Month/Year: Dec-24 Disinfection *Giardia* Log Inactivation: 3.0

Date / Time	Min Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup>	Contact Time Achieved (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.10	3861.7	4247.8	4.5	7.2	181.2	YES	979
2	1.09	4057.1	4422.3	4.5	7.2	181.0	YES	928
3	1.11	4131.8	4586.3	4.4	7.1	176.2	YES	915
4	1.22	4116.8	5022.5	4.3	7.2	186.3	YES	941
5	1.25	4099.4	5124.2	4.3	7.2	187.0	YES	945
6	1.33	4210.8	5600.3	4.3	6.9	169.3	YES	920
7	1.56	4387.2	6844.0	4.3	6.9	173.9	YES	883
8	1.61	4280.6	6891.7	4.3	6.9	174.9	YES	905
9	1.60	3588.0	5740.9	4.4	7.2	193.4	YES	1071
10	1.59	4063.6	6461.2	4.3	7.2	194.5	YES	938
11	1.59	3869.1	6151.8	4.3	6.9	174.5	YES	953
12	1.59	3771.1	5996.1	4.3	7.1	187.6	YES	953
13	1.64	3633.4	5958.7	4.3	7.1	188.7	YES	972
14	1.64	3761.6	6169.0	4.3	6.9	175.5	YES	943
15	1.64	4076.8	6685.9	4.3	6.9	175.5	YES	893
16	1.64	4003.0	6564.9	4.3	6.9	175.5	YES	925
17	1.64	4031.7	6611.9	4.3	6.8	169.3	YES	930
18	1.64	3388.2	5556.6	4.3	6.8	169.3	YES	1125
19	1.56	3267.9	5097.9	4.2	6.8	168.9	YES	1095
20	1.52	3094.5	4703.6	4.2	6.8	168.1	YES	1091
21	1.48	3572.3	5287.0	4.2	6.8	167.3	YES	932
22	1.43	3565.7	5098.9	4.3	6.8	165.2	YES	925
23	1.41	3073.2	4333.2	4.3	6.8	164.9	YES	1053
24	1.41	3506.5	4944.1	4.4	6.9	169.8	YES	914
25	1.38	3462.9	4778.8	4.4	7.1	181.8	YES	930
26	1.40	3581.2	5013.7	4.3	6.9	170.7	YES	921
27	1.39	3613.4	5022.7	4.3	6.9	170.5	YES	930
28	1.40	3532.9	4939.0	4.2	6.9	171.8	YES	960
29	1.40	3237.6	4532.6	4.1	7.1	186.0	YES	1062
30	1.41	3711.5	5233.2	4.1	6.9	173.2	YES	918
31	1.44	3634.1	5233.1	4.0	7.1	188.1	YES	929

<sup>3</sup> If Cl<sub>2</sub> 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:**

**Dec-24**

Minimum UVT [%] during month: 95% Duty sensor variation from reference sensor: 0.975 %

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]	[ <sup>mW</sup> /cm <sup>2</sup> ]	[ Y or N]	[ mgd]	[mgd]	(Daily Sum {B}) ÷ (Daily Sum {A}) * 100 [%]
1	979	425	y	1.038		-
2	928	339	y	1.067		-
3	915	442	y	1.001		-
4	941	452	y	0.996		-
5	945	485	y	0.995		-
6	920	511	y	0.99		-
7	883	476	y	0.982		-
8	905	512	y	0.992		-
9	1071	501	y	1.069		-
10	938	478	y	1.004		-
11	953	514	y	0.968		-
12	953	489	y	0.957		-
13	972	449	y	0.994		-
14	943	506	y	0.982		-
15	893	491	y	1.014		-
16	925	481	y	1.01		-
17	930	528	y	0.944		-
18	1125	494	y	1.072		-
19	1095	299	y	1.346		-
20	1091	296	y	1.308		-
21	932	342	y	1.146		-
22	925	338	y	1.128		-
23	1053	294	y	1.16		-
24	914	333	y	1.134		-
25	930	406	y	1.041		-
26	921	501	y	1.037		-
27	930	502	y	1.054		-
28	960	434	y	1.031		-
29	1062	489	y	1.048		-
30	918	390	y	1.151		-
31	929	385	y	1.142		-
Monthly Total Column {A} and Column {B}				32.801	0	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						-

Signature: *Dennis Bachman*

Op Cert #: T-08465

Date: 1/7/25

**Raw Water E. Coli Data**

**System Name: Baker City**

**ID#: 4100073**

**Month/Year: \_\_\_\_\_**

**Dec-24**

<b>Date/Time</b>	<b>Total E. Coli</b>	<b>Fecal Coliform</b>	<b>Comments</b>
1/			
2/ 09:15		ND	
3/ 09:10		ND	
4/ 09:10		ND	
5/ 09:10		2	
6/			
7/			
8/			
9/ 09:20		ND	
10/ 08:55		ND	
11/ 09:20		ND	
12/ 09:10		ND	
13/			
14/			
15/			
16/ 09:15		ND	
17/ 09:15		ND	
18/ 09:00		ND	
19/ 09:35		2	
20/			
21/			
22/			
23/			
24/			
26/ 0830		2	
26/ 09:30		ND	
27/			
28/			
30/ 08:30		ND	
30/ 09:30		ND	
31/			