

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

County: **Baker**  
 Month/Year: **Oct-23**

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	0.21	0.28	0.31	0.25	0.25	0.31	0.35	
2	0.25	0.25	0.31	0.31	0.28	0.28	0.31	
3	0.28	0.28	0.25	0.25	0.25	0.28	0.31	
4	0.28	0.28	0.21	0.28	0.28	0.25	0.31	
5	0.31	0.25	0.25	0.28	0.25	0.25	0.31	
6	0.25	0.25	0.38	0.42	0.45	0.28	2.16	
7	0.28	0.28	0.25	0.28	0.25	0.25	0.31	
8	0.28	0.28	0.25	0.28	0.25	0.28	0.31	
9	0.28	0.42	0.38	0.25	0.28	0.28	0.42	
10	0.28	0.28	0.25	0.28	0.25	0.31	0.35	
11	0.28	0.28	0.28	0.28	0.31	0.28	0.35	
12	0.25	0.25	0.25	0.25	0.25	0.28	0.31	
13	0.28	0.21	0.28	0.25	0.28	0.25	0.31	
14	0.28	0.28	0.25	0.28	0.21	0.28	0.28	
15	0.28	0.25	0.28	0.21	0.25	0.28	0.28	
16	0.28	0.28	0.25	0.28	0.35	0.25	1.06	
17	0.28	0.25	0.28	0.28	0.28	0.25	0.31	
18	0.28	0.25	0.25	0.25	0.28	0.25	0.31	
19	0.25	0.28	0.25	0.28	0.28	0.28	0.28	
20	0.28	0.25	0.25	0.28	0.25	0.25	0.31	
21	0.28	0.25	0.28	0.28	0.25	0.28	0.31	
22	0.25	0.25	0.28	0.28	0.28	0.28	0.31	
23	0.28	0.25	0.28	0.28	0.28	0.25	0.31	
24	0.21	0.25	0.28	0.21	0.28	0.25	0.45	
25	0.21	0.18	0.21	0.18	0.25	0.21	0.52	
26	0.21	0.25	0.25	0.25	0.25	0.18	0.28	
27	0.25	0.21	0.25	0.25	0.25	0.21	0.28	
28	0.25	0.21	0.25	0.25	0.21	0.21	0.28	
29	0.25	0.21	0.21	0.25	0.21	0.18	0.28	
30	0.25	0.25	0.21	0.21	0.25	0.25	0.28	
31	0.21	0.25	0.21	0.21	0.25	0.21	0.28	

Unfiltered	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? <sup>2</sup>	N/A	CT's met everyday? (see Page 2)
All daily turbidity readings ≤ 5 NTU?	<u>Yes / No</u>	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l?
		<u>Yes / No</u>

Notes:	PRINTED NAME: Dennis Bachman	
	SIGNATURE: <i>Dennis Bachman</i>	DATE: 11/8/23
	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: Oct-23

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	1.36	1534.0	2086.2	9.2	7.4	146.2	YES	2211
2	1.35	2068.4	2792.3	9.2	7.4	146.1	YES	1730
3	1.31	769.7	1008.3	9.1	7.4	146.4	YES	4164
4	1.31	1904.1	2494.3	9.0	7.4	147.4	YES	1626
5	1.38	1769.9	2442.4	9.0	7.4	148.5	YES	1635
6	1.44	1740.3	2506.1	8.4	7.4	155.7	YES	1627
7	1.52	1903.1	2892.7	8.4	7.4	157.1	YES	1635
8	1.46	1708.8	2494.9	8.7	7.4	153.0	YES	1657
9	1.43	1754.4	2508.7	8.5	7.4	154.5	YES	1614
10	1.45	2070.5	3002.2	8.7	7.4	152.8	YES	1593
11	1.37	3080.2	4219.9	9.0	7.3	143.2	YES	1091
12	1.25	3246.5	4058.1	8.9	7.4	147.3	YES	1107
13	1.25	3331.9	4164.8	8.8	7.4	148.3	YES	1130
14	1.22	2327.9	2840.0	8.7	7.4	148.8	YES	1477
15	1.18	2163.2	2552.6	8.8	7.4	147.1	YES	1460
16	1.18	2225.7	2626.3	8.8	7.4	147.1	YES	1412
17	1.22	2889.5	3525.2	8.8	7.4	147.8	YES	1093
18	1.19	2889.9	3439.0	8.9	7.4	146.3	YES	1109
19	1.17	3052.0	3570.8	9.0	7.4	145.0	YES	1096
20	1.15	3151.1	3623.8	9.0	7.5	149.9	YES	1101
21	1.15	3212.1	3690.7	9.0	7.5	149.9	YES	1114
22	1.33	3309.0	4401.0	9.1	7.5	152.0	YES	1119
23	1.35	3449.5	4656.8	9.1	7.4	147.1	YES	1105
24	1.34	3608.7	4835.7	9.1	7.5	152.2	YES	1039
25	1.34	3504.6	4696.1	8.9	7.4	148.9	YES	1061
26	1.36	3944.0	5363.9	8.8	7.5	155.7	YES	927
27	1.40	3965.7	5552.0	8.5	7.5	159.6	YES	918
28	1.44	3914.9	5637.4	8.2	7.5	163.6	YES	918
29	1.45	3270.0	4741.5	7.8	7.2	151.1	YES	1080
30	1.48	3343.5	4948.4	7.5	7.5	172.3	YES	1033
31	1.44	3659.7	5270.0	7.3	7.5	173.8	YES	931

<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: Oct-23**

Minimum UVT [%] during month: 98% Duty sensor variation from reference sensor: 0.991 %

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	2211	57	y	1.844		-
2	1730	96	y	1.881		-
3	4164	98	y	2.068		-
4	1626	43	y	1.796		-
5	1635	42	y	1.944		-
6	1627	41	y	1.966		-
7	1635	38	y	1.986		-
8	1657	38	y	1.973		-
9	1614	38	y	1.749		-
10	1593	39	y	1.664		-
11	1091	90	y	1.43		-
12	1107	64	y	1.447		-
13	1130	83	y	1.427		-
14	1477	63	y	1.516		-
15	1460	64	y	1.721		-
16	1412	66	y	1.524		-
17	1093	85	y	1.454		-
18	1109	146	y	1.393		-
19	1096	146	y	1.411		-
20	1101	144	y	1.398		-
21	1114	140	y	1.39		-
22	1119	137	y	1.393		-
23	1105	137	y	1.288		-
24	1039	155	y	1.207		-
25	1061	58	y	1.186		-
26	927	66	y	1.18		-
27	918	66	y	1.121		-
28	918	66	y	1.129		-
29	1080	56	y	1.14		-
30	1033	58	y	1.176	0.001	0.09
31	931	67	y	1.121		-

Monthly Total Column {A} and Column {B}	46.923	0.001	
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Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]	0.0021
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Signature: *Nennis Bachma*

Op Cert #: T-08465

Date: 11/8/23

**Raw Water E. Coli Data**

**System Name: Baker City**

**ID#: 4100073**

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

**Oct-23**

<b>Date/Time</b>	<b>Total E. Coli</b>	<b>Fecal Coliform</b>	<b>Comments</b>
1/			
2/ 09:15		ND	
3/ 09:15		4	
4/ 09:30		ND	
5/			
6/			
7/			
8/			
9/ 09:25		ND	
10/ 09:25		ND	
11/ 09:15		ND	
12/			
13/			
14/			
15/			
16/ 09:30		ND	
17/ 09:45		2	
18/ 11:00		ND	
19/			
20/			
21/			
22/			
23/ 09:15		6.8	
24/ 09:30		ND	
25/ 08:56		ND	
26/			
27/			
28/			
29/			
30/			
31/ 09:00		ND	