

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

County: **Baker**  
 Month/Year: **Jun-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	0.35	0.45	0.48	0.38	0.42	0.38	0.52
2	0.42	0.42	0.42	0.45	0.45	0.38	0.52
3	0.48	0.38	0.45	0.42	0.38	0.38	0.48
4	0.42	0.45	0.42	0.42	0.38	0.45	0.52
5	0.45	0.45	2.13	0.99	1.02	0.42	3.31
6	0.28	0.28	0.48	0.48	0.48	0.58	0.65
7	0.48	0.45	0.42	0.42	0.42	0.45	0.72
8	0.42	0.35	0.45	0.38	0.35	0.35	0.48
9	0.35	0.31	0.31	0.45	0.45	0.52	0.58
10	0.42	0.45	0.45	0.45	0.31	0.35	0.52
11	0.42	0.31	0.31	0.31	0.35	0.35	0.42
12	0.38	0.28	0.31	0.31	0.38	0.38	0.48
13	0.28	0.35	0.31	0.38	0.28	1.15	5.09
14	0.45	0.35	0.55	0.35	0.25	0.31	1.12
15	0.42	0.38	0.48	0.35	0.31	0.35	0.55
16	0.35	0.35	0.25	0.55	0.52	0.55	3.44
17	0.31	0.31	0.31	0.38	0.38	0.38	0.45
18	0.42	0.35	0.42	0.38	0.31	0.38	0.48
19	0.31	0.31	0.31	0.38	0.31	0.31	0.42
20	0.35	0.35	0.35	0.35	0.35	0.31	0.42
21	0.28	0.35	0.31	0.28	0.31	0.31	0.38
22	0.31	0.35	0.31	0.38	0.31	0.31	0.45
23	0.35	0.25	0.35	0.31	0.28	0.31	0.48
24	0.28	0.28	0.31	0.31	0.31	0.35	0.38
25	0.28	0.31	0.35	0.28	0.31	0.38	0.38
26	0.31	0.35	0.31	0.31	0.25	0.28	0.38
27	0.25	0.31	0.28	0.25	0.35	0.25	0.38
28	0.25	0.31	0.31	0.31	0.31	0.21	0.38
29	0.31	0.35	0.28	0.28	0.45	0.38	0.52
30	0.42	0.45	0.35	0.35	0.35	0.31	0.45
31							

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 Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	Yes <b>(No)</b>	<b>(Yes)</b> / No	<b>(Yes)</b> / No

Notes: *6/13/23 Cleaning + maint. of equipment caused a high read for that day.*

PRINTED NAME: **Dennis Bachman**  
 SIGNATURE: *Dennis Bachman* DATE: **7/6/23**  
 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: Jun-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	1.47	1805.1	2653.5	7.9	7.3	155.9	YES	2103
2	1.45	1537.8	2229.8	7.9	7.4	161.2	YES	2418
3	1.43	1634.7	2337.6	8.0	7.4	159.8	YES	2170
4	1.42	1252.4	1778.3	8.1	7.4	158.5	YES	2497
5	1.41	833.6	1175.4	8.2	7.4	157.3	YES	3378
6	1.43	851.6	1217.9	7.7	7.3	157.3	YES	3544
7	1.29	799.8	1031.7	8.0	7.3	151.7	YES	3521
8	1.29	852.0	1099.1	8.3	7.3	148.7	YES	3506
9	1.21	999.2	1209.0	8.6	7.3	144.4	YES	2865
10	1.15	1177.1	1353.6	9.0	7.3	139.7	YES	2855
11	1.11	1171.7	1300.6	8.9	7.3	140.0	YES	2868
12	1.17	803.6	940.3	9.0	7.4	145.0	YES	3504
13	1.24	833.6	1033.7	8.2	7.3	148.8	YES	3546
14	1.22	799.4	975.3	8.1	7.1	139.2	YES	3503
15	1.25	791.4	989.2	8.0	7.2	145.7	YES	3519
16	1.37	872.3	1195.1	8.1	7.0	136.7	YES	3567
17	1.36	969.3	1318.3	8.8	7.2	139.9	YES	3515
18	1.39	972.9	1352.4	9.1	7.3	142.6	YES	3550
19	1.38	990.5	1366.9	8.7	7.0	131.5	YES	3534
20	1.27	1347.8	1711.7	8.5	7.4	151.7	YES	2528
21	1.23	1402.3	1724.9	8.4	7.4	152.0	YES	2474
22	1.21	887.9	1074.3	8.4	7.4	151.6	YES	3522
23	1.26	788.2	993.2	7.8	7.4	158.8	YES	3533
24	1.35	789.8	1066.2	7.9	7.4	159.4	YES	3526
25	1.35	876.7	1183.6	7.9	7.4	159.4	YES	3549
26	1.31	558.9	732.1	8.1	7.4	156.5	YES	5011
27	1.33	840.2	1117.5	8.2	7.4	155.8	YES	3518
28	1.32	582.3	768.6	7.9	7.4	158.8	YES	4756
29	1.38	662.1	913.7	7.9	7.3	154.3	YES	4253
30	1.39	779.7	1083.8	7.9	7.1	143.9	YES	4230
31								

<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

**Raw Water E. Coli Data**

**System Name: Baker City**

**ID#: 4100073**

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

**Jun-23**

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

## Oregon OHA - Drinking Water Services - Surface Water Quality Data

**System Name: Baker City, PWS ID#: 4100073**

**Month/Year: Jun-23**

Minimum UVT [%] during month: 99% Duty sensor variation from reference sensor: 1.009 %

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	2103	47	y	2.407		-
2	2418	41	y	2.604		-
3	2170	45	y	2.776		-
4	2497	45	y	3.007		-
5	3378	21	y	3.55		-
6	3544	20	y	3.731	0.004	0.11
7	3521	47	y	3.738		-
8	3506	46	y	3.034		-
9	2865	93	y	2.667		-
10	2855	92	y	2.797		-
11	2868	23	y	2.997		-
12	3504	19	y	3.455		-
13	3546	19	y	3.067		-
14	3503	19	y	2.932		-
15	3519	18	y	3.055		-
16	3567	18	y	3.138		-
17	3515	18	y	3.166	0.001	0.03
18	3550	44	y	3.08		-
19	3534	44	y	2.957		-
20	2528	62	y	2.459		-
21	2474	62	y	2.659		-
22	3522	44	y	3.458		-
23	3533	44	y	3.927		-
24	3526	45	y	3.747	0.001	0.03
25	3549	19	y	3.465		-
26	5011	19	y	3.706	0.001	0.03
27	3518	77	y	3.67		-
28	4756	76	y	4.134		-
29	4253	30	y	4.399		-
30	4230	71	y	4.426		-
31						#DIV/0!

Monthly Total Column {A} and Column {B}	98.208	0.007	
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Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]	0.0071
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Signature: *Nennis Bachman*

Op Cert #: T-08465

Date: 7/6/23