

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

County: **Baker**  
 Month/Year: **Jul-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	0.28	0.31	0.28	0.38	0.38	0.35	0.45
2	0.38	0.28	0.28	0.31	0.31	0.38	0.42
3	0.31	0.28	0.31	0.31	0.38	0.31	0.45
4	0.28	0.35	0.31	0.31	0.28	0.38	0.42
5	0.35	0.35	0.35	0.25	0.31	0.42	0.48
6	0.35	0.31	0.42	0.45	0.31	0.35	0.48
7	0.38	0.31	0.42	0.35	0.31	0.38	0.45
8	0.31	0.35	0.35	0.35	0.28	0.25	0.45
9	0.28	0.31	0.35	0.42	0.31	0.35	0.42
10	0.42	0.38	0.35	0.35	0.38	0.35	0.55
11	0.38	0.31	0.35	0.38	0.31	0.28	0.42
12	0.35	0.38	0.31	0.25	0.35	0.25	0.42
13	0.31	0.31	0.99	1.02	0.42	0.38	1.29
14	0.31	0.28	0.42	0.35	0.35	0.35	0.48
15	0.42	0.38	0.35	0.35	0.28	0.28	0.45
16	0.21	0.28	0.45	0.35	0.38	0.35	0.45
17	0.35	0.42	0.35	0.35	0.38	0.75	1.42
18	0.72	0.48	0.45	0.45	0.42	0.35	0.85
19	0.35	0.42	0.38	0.42	0.38	0.42	0.52
20	0.38	0.45	0.45	0.35	0.42	0.42	0.52
21	0.31	0.38	0.35	0.52	0.48	0.28	0.52
22	0.38	0.38	0.28	0.38	0.31	0.38	0.42
23	0.38	0.38	0.45	0.48	0.45	0.31	0.52
24	0.31	0.31	0.35	0.28	0.42	0.35	1.90
25	0.38	0.31	0.42	0.31	0.31	0.38	0.48
26	0.31	0.35	0.35	0.28	0.28	0.38	0.42
27	0.38	0.28	0.35	0.31	0.21	0.28	0.38
28	0.28	0.42	0.28	0.31	0.35	0.31	0.55
29	0.35	0.31	0.28	0.35	0.31	0.28	0.42
30	0.31	0.38	0.28	0.38	0.31	0.28	0.42
31	0.31	0.38	0.31	0.35	0.42	0.35	0.42

Unfiltered	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings $\leq$ 1 NTU? <sup>2</sup> <b>N/A</b>	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? <b>(Yes) / No</b>	<b>(Yes) / No</b>	<b>(Yes) / No</b>

Notes:	PRINTED NAME: <b>Dennis Bachman</b>	
	SIGNATURE: <i>Dennis Bachman</i>	DATE: <b>8-1-23</b>
	PHONE #: <b>(541) 523-7349</b>	CERT #: <b>T-08465</b>

<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: Jul-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	1.39	801.8	1114.5	8.1	7.3	152.4	YES	3512
2	1.39	582.7	809.9	8.1	7.4	158.0	YES	4833
3	1.40	598.9	838.4	7.8	7.4	161.4	YES	4936
4	1.42	667.5	947.8	7.8	7.4	161.7	YES	4219
5	1.41	690.4	973.4	7.8	7.4	161.5	YES	4462
6	1.44	548.2	789.4	7.8	7.1	145.6	YES	4938
7	1.43	575.9	823.5	7.7	7.4	163.0	YES	4944
8	1.44	590.1	849.8	7.7	7.4	163.2	YES	5589
9	1.43	464.9	664.8	8.0	7.4	159.8	YES	5990
10	1.45	617.2	895.0	7.9	7.4	161.2	YES	4915
11	1.46	603.9	881.6	7.9	7.1	145.0	YES	5462
12	1.48	627.1	928.1	7.9	7.4	161.8	YES	5359
13	1.36	663.4	902.3	7.9	7.4	159.5	YES	4948
14	1.37	578.2	792.1	8.7	7.1	136.1	YES	4924
15	1.37	675.6	925.6	8.8	7.1	135.2	YES	4928
16	0.72	566.7	408.0	9.0	7.4	137.8	YES	4914
17	0.72	583.0	419.8	8.8	7.2	130.1	YES	5657
18	1.21	649.3	785.6	8.9	7.2	136.6	YES	5080
19	1.20	458.8	550.5	9.3	7.2	132.9	YES	6206
20	1.20	581.3	697.6	9.2	7.4	143.6	YES	5647
21	1.25	512.3	640.4	9.6	7.4	140.6	YES	5588
22	1.29	607.5	783.7	9.8	7.2	129.9	YES	4917
23	1.25	510.3	637.8	9.8	7.1	124.9	YES	5549
24	1.18	512.8	605.1	10.0	7.2	126.6	YES	5582
25	1.12	461.2	516.6	10.2	7.4	133.2	YES	6173
26	1.15	569.6	655.0	10.5	7.1	118.0	YES	5627
27	1.15	650.2	747.7	10.9	7.4	127.6	YES	4977
28	1.16	562.8	652.9	10.9	7.2	119.1	YES	5639
29	1.17	646.0	755.8	10.9	7.4	127.9	YES	4889
30	1.17	573.3	670.8	11.0	7.4	127.1	YES	5563
31	1.17	623.8	729.9	11.1	7.2	117.7	YES	4963

<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: Jul-23**

Minimum UVT [%] during month: 86% Duty sensor variation from reference sensor: 0.964 %

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	3512	77	y	4.341		-
2	4833	72	y	4.51		-
3	4936	77	y	4.697		-
4	4219	43	y	4.38		-
5	4462	43	y	4.658		-
6	4938	46	y	5.184		-
7	4944	46	y	5.014		-
8	5589	47	y	4.607	0.001	0.02
9	5990	46	y	4.776		-
10	4915	42	y	4.786	0.001	0.02
11	5462	71	y	4.84		-
12	5359	41	y	5.002		-
13	4948	64	y	5.055		-
14	4924	43	y	4.994		-
15	4928	44	y	5.05		-
16	4914	44	y	5.098		-
17	5657	63	y	5.071		-
18	5080	70	y	5.25		-
19	6206	24	y	5.639	0.001	0.02
20	5647	43	y	5.5		-
21	5588	42	y	5.611	0.001	0.02
22	4917	41	y	5.285	0.001	0.02
23	5549	50	y	5.31		-
24	5582	50	y	5.252		-
25	6173	41	y	5.602		-
26	5627	51	y	5.072		-
27	4977	27	y	5.062		-
28	5639	24	y	5.262	0.001	0.02
29	4889	27	y	4.944		-
30	5563	46	y	4.942		-
31	4963	40	y	5.176		-
Monthly Total Column {A} and Column {B}				155.97	0.006	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0038

Signature: *Nennis Bachman*

Op Cert #: T-08465

Date: 8-1-23

**Raw Water E. Coli Data**

**System Name:** Baker City

**ID#:** 4100073

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

**Jul-23**

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