

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

County: **Baker**  
 Month/Year: **Aug-22**

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	0.48	0.42	0.35	0.48	0.48	0.45	0.48
2	0.28	0.28	0.31	0.31	0.38	0.28	0.45
3	0.31	0.52	0.48	0.38	0.45	0.31	0.52
4	0.35	0.42	0.35	0.38	0.38	0.31	0.52
5	0.35	0.38	0.55	0.48	0.48	0.28	0.52
6	0.31	0.35	0.42	0.35	0.35	0.28	0.45
7	0.35	0.42	0.35	0.42	0.28	0.31	0.45
8	0.35	0.31	0.35	0.42	0.48	0.31	0.52
9	0.35	0.31	0.31	0.38	0.62	0.52	1.29
10	0.48	0.65	0.45	0.42	0.28	0.31	0.65
11	0.31	0.35	0.35	0.42	0.38	0.35	0.52
12	0.38	0.45	0.52	0.52	0.52	0.42	0.75
13	0.58	0.48	0.45	0.55	0.55	0.55	0.65
14	0.55	0.58	0.55	0.62	0.52	0.52	0.65
15	0.58	0.58	0.68	0.65	0.58	0.58	0.75
16	0.52	0.52	0.52	0.45	0.52	0.52	0.72
17	0.42	0.45	0.38	0.48	0.55	0.42	0.55
18	0.42	0.42	0.52	0.48	0.58	0.58	0.68
19	0.31	0.31	0.35	0.48	0.38	0.45	0.72
20	0.35	0.38	0.35	0.31	0.35	0.38	0.65
21	0.28	0.35	0.31	0.42	0.28	0.31	0.42
22	0.38	0.35	0.35	0.45	0.38	0.31	0.72
23	0.45	0.31	0.35	0.42	0.45	0.52	0.65
24	0.52	0.48	0.52	0.45	0.55	0.45	1.26
25	0.45	0.48	0.48	0.42	0.42	0.38	0.55
26	0.45	0.42	0.45	0.42	0.52	0.48	0.58
27	0.48	0.48	0.45	0.45	0.42	0.42	0.55
28	0.42	0.42	0.42	0.38	0.35	0.35	0.52
29	0.31	0.31	0.38	0.35	0.48	0.38	0.65
30	0.42	0.42	0.45	0.38	0.48	0.42	0.52
31	0.45	0.35	0.45	0.42	0.42	0.38	0.55

<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: <b>Dennis Bachman</b>		
	SIGNATURE: <i>Dennis Bachman</i>		DATE: <b>9-8-22</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: Aug-22 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	1.03	420.6	433.2	9.9	7.3	129.8	YES	6991
2	1.04	541.7	563.4	10.2	7.3	127.4	YES	5600
3	1.03	456.9	470.6	10.0	7.3	129.0	YES	6231
4	1.04	560.8	583.3	10.1	7.3	128.3	YES	5576
5	1.00	466.1	466.1	10.0	7.4	133.1	YES	6242
6	1.03	653.8	673.4	10.3	7.4	131.0	YES	5402
7	1.04	674.1	701.0	10.7	7.4	127.7	YES	5124
8	1.07	527.1	564.0	10.1	7.4	133.3	YES	5608
9	1.01	551.5	557.0	10.2	7.4	131.5	YES	5586
10	0.83	654.1	542.9	11.5	7.1	106.7	YES	5471
11	0.84	625.7	525.6	11.9	7.4	115.5	YES	5445
12	0.94	569.7	535.5	12.0	7.4	116.0	YES	5598
13	0.96	662.7	636.2	11.9	7.4	117.0	YES	5165
14	0.97	589.8	572.1	11.5	7.4	120.2	YES	5091
15	1.03	596.5	614.4	11.3	7.1	110.5	YES	5608
16	1.03	749.9	772.3	11.4	7.0	106.1	YES	4938
17	1.05	541.0	568.0	11.4	7.3	117.9	YES	5608
18	1.09	677.1	738.0	10.5	7.3	125.6	YES	4343
19	1.03	661.9	681.8	11.0	7.1	112.7	YES	4936
20	0.98	768.5	753.1	12.0	7.3	112.5	YES	4879
21	0.99	693.7	686.8	12.2	7.4	115.1	YES	4889
22	1.03	569.0	586.1	12.2	7.4	115.6	YES	5605
23	1.05	507.2	532.6	12.2	7.4	115.9	YES	5552
24	1.07	567.6	607.4	11.8	7.3	115.2	YES	4906
25	1.03	713.1	734.4	12.3	7.3	111.0	YES	4931
26	1.04	668.3	695.0	12.4	7.4	114.3	YES	5494
27	1.05	659.8	692.8	12.2	7.4	115.9	YES	5211
28	1.09	591.3	644.5	11.6	7.1	109.1	YES	6341
29	1.12	448.2	502.0	11.5	7.3	118.1	YES	6769
30	1.10	759.5	835.5	11.6	7.3	117.1	YES	4445
31	1.08	695.0	750.6	12.0	7.1	106.2	YES	4880

<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:**

**Aug-22**

Minimum UVT [%] during month: 91 Duty sensor variation from reference sensor: 1.03 %

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	6991	44	y	5.76		-
2	5600	43	y	5.652		-
3	6231	38	y	5.717		-
4	5576	43	y	5.584		-
5	6242	43	y	5.613	0.001	0.02
6	5402	43	y	5.178		-
7	5124	43	y	5.34		-
8	5608	31	y	5.469		-
9	5586	33	y	5.299	0.002	0.04
10	5471	30	y	4.671		-
11	5445	31	y	5.089		-
12	5598	32	y	5.204	0.001	0.02
13	5165	32	y	5.005		-
14	5098	32	y	5.126		-
15	5608	31	y	5.289	0.001	0.02
16	4938	31	y	5.227		-
17	5608	31	y	5.136		-
18	4343	31	y	4.86	0.001	0.02
19	4936	31	y	5.082		-
20	4879	43	y	4.851		-
21	4889	43	y	4.857	0.001	0.02
22	5605	43	y	5.245		-
23	5552	30	y	5.152		-
24	4906	30	y	4.7	0.002	0.04
25	4931	42	y	4.53		-
26	5494	42	y	4.813	0.001	0.02
27	5211	41	y	4.488		-
28	6341	40	y	4.476		-
29	6769	31	y	4.737	0.009	0.19
30	4445	29	y	4.583		-
31	4880	36	y	4.9	0.002	0.04
Monthly Total Column {A} and Column {B}				157.633	0.021	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0133

Signature: Dennis Bachman

Op Cert #: T-08465

Date: 9-8-22

**Raw Water E. Coli Data**

**System Name: Baker City**

**ID#: 4100073**

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

**Aug-22**

<b>Date/Time</b>	<b>Total E. Coli</b>	<b>Fecal Coliform</b>	<b>Comments</b>
1/ 09:26		1.8	
2/ 09:20		2	
3/ 09:35		7.8	
4/			
5/			
6/			
7/			
8/ 09:20		2	
9/ 09:30		2	
10/ 10:30		17	
11/			
12/			
13/			
14/			
15/ 09:15		ND	
16/ 09:25		ND	
17/ 09:45		2	
18/			
19/			
20/			
21/			
22/ 09:00		2	
23/ 09:10		2	
24/ 09:15		2	
25/			
26/			
27/			
28/			
29/ 09:30		7.8	
30/ 09:20		2	
31/ 09:05		7.8	