

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

County: **Baker**  
 Month/Year: **Oct-21**

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	0.38	0.31	0.31	0.28	0.25	0.38
2	0.28	0.31	0.25	0.21	0.28	0.31	0.48
3	0.31	0.35	0.31	0.31	0.31	0.35	0.42
4	0.25	0.28	0.28	0.25	0.31	0.25	0.72
5	0.28	0.25	0.18	0.35	0.38	0.42	0.75
6	0.35	0.35	0.28	0.31	0.31	0.42	0.48
7	0.35	0.28	0.35	0.28	0.31	0.28	0.42
8	0.31	0.28	0.35	0.35	0.28	0.35	0.35
9	0.31	0.31	0.28	0.28	0.31	0.28	0.38
10	0.25	0.28	0.31	0.38	0.38	0.48	0.52
11	0.31	0.35	0.25	0.28	0.21	0.25	0.35
12	0.28	0.28	0.28	0.25	0.25	0.28	0.35
13	0.21	0.28	0.21	0.28	0.25	0.31	0.31
14	0.31	0.21	0.25	0.25	0.28	0.25	0.35
15	0.21	0.21	0.31	0.28	0.28	0.28	0.35
16	0.25	0.31	0.21	0.28	0.28	0.25	0.35
17	0.28	0.28	0.21	0.28	0.25	0.31	0.35
18	0.31	0.31	0.31	0.31	0.28	0.21	1.73
19	0.25	0.25	0.31	0.21	0.28	0.31	0.31
20	0.18	0.21	0.31	0.28	0.25	0.31	0.35
21	0.28	0.25	0.31	0.28	0.25	0.28	0.35
22	0.21	0.28	0.31	0.28	0.31	1.26	4.25
23	1.63	0.75	0.35	0.28	0.25	0.21	1.59
24	0.31	0.28	0.21	0.48	0.31	0.35	1.22
25	0.65	0.38	0.25	0.25	0.21	0.21	0.85
26	0.35	0.38	0.25	0.35	0.55	0.48	0.65
27	0.42	0.35	0.38	0.35	0.37	0.45	1.36
28	0.42	0.31	0.28	0.31	0.38	0.52	0.62
29	0.42	0.38	0.35	0.28	0.31	0.45	0.58
30	0.52	0.45	0.42	0.38	0.35	0.28	0.58
31	0.31	0.28	0.31	0.28	0.21	0.28	0.38

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

Notes:

PRINTED NAME: **Dennis Bachman**

SIGNATURE: *Dennis Bachman* DATE: **11/9/21**

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-21 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	1.30	1721.2	2237.5	8.2	7.4	155.3	YES	1844
2	1.25	1323.0	1653.7	8.2	7.4	154.4	YES	2105
3	1.26	1405.8	1771.3	8.2	7.4	154.6	YES	2147
4	1.26	1328.0	1673.3	8.2	7.4	154.6	YES	2097
5	1.25	1361.8	1702.2	8.2	7.4	154.4	YES	2125
6	1.29	1292.3	1667.0	8.2	7.1	139.4	YES	2155
7	1.30	1693.5	2201.5	8.3	7.4	154.2	YES	1819
8	1.25	2048.8	2561.0	8.4	7.4	152.3	YES	1458
9	1.17	1929.0	2256.9	8.5	7.2	139.7	YES	1484
10	1.14	1911.4	2179.0	8.1	7.4	153.5	YES	1457
11	1.24	2218.1	2750.4	8.0	7.2	145.6	YES	1487
12	1.11	2976.4	3303.8	7.8	7.4	156.1	YES	1082
13	1.07	2999.6	3209.6	7.5	7.4	158.5	YES	1084
14	1.09	3060.8	3336.3	7.2	7.4	162.1	YES	1103
15	1.17	3198.0	3741.7	7.1	7.5	170.7	YES	1080
16	1.18	3196.0	3771.3	7.0	7.5	172.1	YES	1105
17	1.18	3241.2	3824.6	6.9	7.2	155.6	YES	1128
18	1.17	3312.0	3875.0	7.0	7.4	165.8	YES	1118
19	1.20	3261.5	3913.8	7.0	7.4	166.4	YES	1121
20	1.19	3281.2	3904.6	7.2	7.1	147.3	YES	1119
21	1.19	3271.7	3893.3	7.3	7.4	162.9	YES	1127
22	1.20	2855.6	3426.7	7.4	7.4	162.0	YES	1264
23	1.17	3125.1	3656.4	7.6	7.4	159.3	YES	921
24	1.11	2493.8	2768.1	7.6	7.4	158.2	YES	1098
25	1.10	3228.7	3551.5	7.7	7.4	156.9	YES	930
26	0.88	2959.5	2604.3	7.7	7.4	153.0	YES	941
27	0.83	2899.2	2406.3	7.8	7.4	151.1	YES	923
28	0.85	2883.6	2451.0	7.5	7.4	154.6	YES	928
29	0.94	612.4	575.7	7.4	7.3	151.7	YES	4344
30	0.98	3000.3	2940.3	7.4	7.3	152.4	YES	923
31	1.09	3317.4	3615.9	7.2	7.3	156.4	YES	877

<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-21**

Minimum UVT [%] during month: 87 Duty sensor variation from reference sensor: 0.992 %

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	1844	101	y	2.222		-
2	2105	95	y	2.385		-
3	2147	89	y	2.328		-
4	2097	70	y	2.418		-
5	2125	81	y	2.406		-
6	2155	78	y	2.324		-
7	1819	82	y	2.099		-
8	1458	99	y	1.782		-
9	1484	69	y	1.599		-
10	1457	73	y	1.618		-
11	1487	71	y	1.64		-
12	1082	93	y	1.412		-
13	1084	91	y	1.282		-
14	1103	89	y	1.299		-
15	1080	91	y	1.305		-
16	1105	103	y	1.25	0.001	0.08
17	1128	109	y	1.288		-
18	1118	116	y	1.282		-
19	1121	116	y	1.254		-
20	1119	117	y	1.194		-
21	1127	117	y	1.204		-
22	1264	121	y	1.202		-
23	921	173	y	1.162		-
24	1098	145	y	1.179		-
25	930	146	y	1.176		-
26	941	132	y	1.164		-
27	923	136	y	1.151		-
28	928	137	y	1.052		-
29	4344	83	y	1.258		-
30	923	145	y	1.131		-
31	877	160	y	1.131		-
Monthly Total Column {A} and Column {B}				47.197	0.001	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0021

Signature: *Annie Buchanan*

Op Cert #: T-08465

Date: 11/9/21

**Raw Water E. Coli Data**

**System Name: Baker City**

**ID#: 4100073**

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

**Oct-21**

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/			
3/			
4/ 09:10		2	
5/ 09:15		ND	
6/ 09:20		2	
7/			
8/			
9/			
10/			
11/			
12/ 09:05		ND	
13/ 09:10		ND	
14/ 09:15		ND	
15/			
16/			
17/			
18/			
19/ 09:15		ND	
20/ 09:10		2	
21/ 09:35		ND	
22/			
23/			
24/			
25/ 09:00		17	
26/ 09:10		4.5	
27/ 09:05		1.8	
28/			
29/			
30/			
31/			