

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

County: **Baker**
 Month/Year: **Jul-24**

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 ¹ [NTU]
1	0.31	0.35	0.42	1.22	1.02	0.82	1.46
2	0.75	1.15	1.02	1.09	1.15	0.31	1.32
3	0.31	0.31	0.48	0.31	0.31	0.28	0.52
4	0.28	0.25	0.25	0.25	0.25	0.28	0.31
5	0.25	0.28	0.25	0.25	0.28	0.28	0.31
6	0.28	0.25	0.28	0.31	0.28	0.28	0.35
7	0.28	0.28	0.31	0.28	0.58	0.55	0.65
8	0.58	0.28	0.68	0.68	0.62	0.65	0.99
9	0.99	0.99	0.99	0.68	0.65	0.58	1.15
10	0.68	0.79	0.68	0.52	0.45	0.55	1.02
11	0.35	0.31	0.28	0.85	0.82	0.72	2.10
12	0.58	3.68	0.58	0.58	0.58	0.52	0.72
13	0.48	0.52	0.45	0.45	0.45	0.45	0.55
14	0.45	0.42	0.45	0.42	0.42	0.48	0.48
15	0.52	0.42	0.58	0.45	0.42	0.42	0.48
16	0.42	0.42	0.38	0.38	0.68	0.82	0.95
17	0.75	0.85	0.79	0.79	0.72	0.68	0.92
18	0.68	0.58	0.68	0.82	4.69	0.48	5.36
19	0.45	0.45	0.42	0.35	0.35	0.35	0.48
20	0.35	0.35	0.35	0.38	0.31	0.42	0.42
21	0.35	0.35	0.31	0.31	0.31	0.31	0.38
22	0.31	0.35	0.35	0.31	0.35	0.35	0.38
23	0.35	0.35	0.38	0.38	0.35	0.35	0.38
24	0.35	0.35	0.31	0.31	0.35	0.58	0.65
25	0.42	0.38	0.28	0.28	0.25	0.25	0.42
26	0.25	0.28	0.25	0.31	0.31	0.31	0.35
27	0.28	0.31	0.31	0.31	0.28	0.31	0.42
28	0.28	0.31	0.28	0.25	0.31	0.28	0.35
29	0.25	0.31	0.31	0.28	0.28	0.28	1.12
30	0.28	0.31	0.38	0.35	0.31	0.31	0.42
31	0.28	0.31	0.31	0.35	0.31	0.31	0.35

Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings \leq 1 NTU? ²	N/A	CT's met everyday? (see Page 2)	All Cl ₂ 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: Dennis Bachman	
	SIGNATURE: <i>Dennis Bachman</i>	DATE: 8/5/24
	PHONE #: (541) 523-7349	CERT #: T-08465

¹ 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. ² Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- A

System Name: Baker City

ID#: 41 00073

Month/Year: Jul-24

Disinfection *Giardia* Log Inactivation: 3.0

Date / Time	Min Cl ₂ Residual at 1st User (C) ³	Contact Time Achieved (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.06	572.9	607.2	9.5	6.9	116.3	YES	4970
2	1.11	621.8	690.2	9.6	7.0	120.3	YES	4804
3	0.90	597.3	537.6	9.6	6.9	113.5	YES	4897
4	0.84	596.0	500.7	9.5	6.9	113.5	YES	4829
5	0.52	618.0	321.4	9.5	6.9	109.5	YES	4934
6	0.86	577.7	496.8	9.5	6.9	113.7	YES	4955
7	0.85	628.8	534.4	9.6	6.9	112.9	YES	4924
8	0.73	493.6	360.3	8.7	6.9	118.1	YES	5642
9	1.45	510.5	740.2	8.7	6.9	128.0	YES	5608
10	1.35	507.5	685.1	9.0	6.8	119.9	YES	5641
11	1.34	535.1	717.1	9.3	6.9	121.6	YES	5582
12	1.30	442.3	575.0	9.5	6.9	119.5	YES	6261
13	1.36	561.8	764.0	9.7	6.9	118.7	YES	5594
14	1.30	506.0	657.8	10.0	7.2	128.4	YES	5627
15	1.32	534.0	704.9	10.0	6.9	115.9	YES	5652
16	1.17	446.0	521.9	10.0	6.9	114.0	YES	6383
17	1.24	582.9	722.8	10.4	6.9	111.9	YES	5658
18	0.99	540.5	535.1	11.2	6.9	103.4	YES	5642
19	0.98	562.1	550.9	10.8	6.9	106.0	YES	6283
20	1.27	636.3	808.0	11.5	6.9	104.6	YES	5624
21	1.13	650.0	734.5	12.0	7.2	110.6	YES	5625
22	1.08	584.8	631.6	12.2	7.2	108.5	YES	6199
23	1.04	609.9	634.3	12.3	7.1	103.8	YES	5714
24	1.11	592.4	657.6	12.2	6.9	98.3	YES	5620
25	0.95	996.6	946.8	12.2	7.2	107.0	YES	3887
26	0.98	699.0	685.0	11.5	7.0	104.9	YES	4919
27	1.01	850.4	858.9	11.3	7.2	114.2	YES	4409
28	0.98	889.0	871.2	11.3	7.2	113.8	YES	3850
29	1.00	686.2	686.2	11.2	6.9	103.5	YES	4920
30	1.04	870.4	905.3	11.4	7.2	113.8	YES	4236
31	1.02	957.3	976.4	11.6	7.2	112.1	YES	3868

³ If Cl₂ 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-24

Minimum UVT [%] during month: 93% Duty sensor variation from reference sensor: 1.018 %

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]	[^m W/cm ²]	[Y or N]	[mgd]	[mgd]	(Daily Sum {B}) ÷ (Daily Sum {A}) * 100 [%]
1	4970	31	y	4.887		-
2	4804	31	y	4.903	0.001	0.02
3	4897	33	y	4.964	0.006	0.12
4	4829	32	y	4.953	0.004	0.08
5	4934	32	y	4.946	0.023	0.47
6	4955	31	y	5.17	0.009	0.17
7	4924	27	y	5.321	0.008	0.15
8	5642	32	y	5.58	0.009	0.16
9	5608	41	y	5.655	0.005	0.09
10	5641	38	y	5.47		-
11	5582	44	y	5.719		-
12	6261	39	y	5.637		-
13	5594	16	y	5.48		-
14	5627	16	y	5.574		-
15	5652	16	y	5.597		-
16	6383	22	y	5.423	0.001	0.02
17	5658	30	y	5.361		-
18	5642	26	y	5.36	0.001	0.02
19	6283	27	y	5.704		-
20	5624	27	y	5.406		-
21	5625	27	y	5.442		-
22	6169	18	y	5.387	0.011	0.20
23	5714	26	y	5.587		-
24	5620	26	y	4.688	0.024	0.51
25	3887	16	y	3.797		-
26	4919	15	y	4.58		-
27	4409	30	y	4.468		-
28	3850	30	y	4.477		-
29	4920	29	y	4.539		-
30	4236	27	y	3.819		-
31	3868	28	y	4.105		-
Monthly Total Column {A} and Column {B}				157.999	0.102	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0646

Signature: *Remis Buchman*

Op Cert #: T-08465

Date: 8/15/24

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Jul-24

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:10		ND	
2/ 08:50		2	
2/ 09:10		2	
2/ 09:25		2	
5/			
6/			
7/			
8/ 09:15		4	
9/ 09:00		2	
10/ 09:30		2	
11/ 09:15		4	
12/			
13/			
14/			
15/ 09:10		2	
16/ 09:25		2	
17/ 09:15		4.5	
18/ 09:15		4.5	
19/			
20/			
21/			
22/ 09:15		7.8	
23/ 09:20		11	
24/ 09:15		2	
25/ 09:25		13	
26/			
27/			
28/			
29/ 09:20		2	
30/ 09:10		6.8	
31/ 09:15		4.5	