

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

County: Baker
 Month/Year: May-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 ¹ [NTU]
1	0.42	1.52	1.12	1.02	0.92	0.88	2.06
2	0.95	1.02	0.88	0.75	0.75	0.75	1.06
3	0.75	0.75	0.75	0.72	0.75	0.72	0.85
4	0.79	0.75	0.79	0.72	0.68	0.68	1.22
5	0.82	0.75	0.75	0.75	0.82	0.92	0.95
6	0.92	1.06	1.06	1.06	1.06	1.06	1.19
7	1.06	1.09	1.06	1.06	0.99	0.88	1.15
8	0.95	0.88	0.79	0.82	0.82	0.75	0.95
9	0.82	0.85	0.79	0.72	0.68	0.52	1.39
10	0.55	0.52	0.48	0.45	0.45	0.52	0.58
11	0.52	0.48	0.52	0.45	0.45	0.52	0.62
12	0.55	0.48	0.85	1.90	0.45	0.72	5.06
13	0.58	0.52	0.58	0.52	0.45	0.55	0.65
14	0.48	0.48	0.45	0.55	0.52	0.62	0.62
15	0.65	0.65	0.65	0.68	0.72	0.95	1.15
16	1.15	1.52	1.22	1.22	1.22	1.19	1.59
17	1.09	1.66	1.49	2.03	1.26	0.88	3.94
18	0.82	1.06	0.85	0.92	1.63	1.29	1.86
19	1.19	1.12	1.09	1.09	1.12	1.26	1.29
20	1.15	1.09	1.02	1.02	0.99	1.19	1.26
21	1.12	1.06	1.19	1.06	1.02	1.22	1.32
22	1.09	0.95	0.92	0.92	0.85	0.88	1.09
23	0.92	0.88	0.85	0.68	0.52	0.55	1.93
24	0.95	0.82	0.58	0.85	0.79	0.79	1.02
25	0.72	0.48	0.75	0.65	0.72	0.72	0.92
26	0.75	0.72	0.65	0.62	0.58	0.55	0.88
27	0.52	0.62	0.55	0.58	0.52	0.52	0.62
28	0.48	0.48	0.55	0.52	0.48	0.52	0.58
29	0.55	0.52	0.45	0.65	0.48	0.58	0.68
30	0.45	0.58	0.45	0.45	0.48	0.55	0.85
31	0.55	0.48	0.52	0.45	0.45	0.42	0.65

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

Notes: 5/12/23 - Daily average below 5.0 NTU
 5.06 NTU was reading picked up during equipment maint./cleaning

PRINTED NAME: Dennis Bachman
 SIGNATURE: Dennis Bachman
 PHONE #: (541) 523-7349
 DATE: 05/07/23
 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: May-23 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	1.07	1464.5	1567.0	4.6	7.2	179.4	YES	1976
2	1.09	1415.8	1543.2	4.6	7.2	179.8	YES	1956
3	1.76	1980.7	3486.0	4.8	7.0	178.4	YES	1461
4	1.58	2085.6	3295.3	5.0	7.1	178.7	YES	1477
5	1.48	2002.6	2963.8	5.3	6.9	161.1	YES	1647
6	1.48	1754.1	2596.1	5.5	7.2	177.0	YES	2102
7	1.59	1674.0	2661.6	5.6	7.2	178.1	YES	2119
8	1.87	1623.3	3035.6	5.7	7.2	182.7	YES	2166
9	1.93	1722.9	3325.1	5.7	7.2	184.0	YES	2086
10	1.68	1920.4	3226.3	5.7	7.0	166.3	YES	1839
11	1.42	1211.5	1720.3	5.8	7.2	172.2	YES	2517
12	1.38	1159.8	1600.6	5.9	7.3	176.5	YES	2495
13	1.27	1186.9	1507.4	6.2	7.3	170.8	YES	2438
14	1.52	1005.5	1528.4	6.4	7.3	173.5	YES	3342
15	1.66	972.6	1614.6	6.5	7.3	175.1	YES	3439
16	1.48	1687.4	2497.4	6.7	7.3	169.2	YES	2139
17	1.41	2632.7	3712.1	6.8	7.3	166.7	YES	1436
18	1.43	2430.6	3475.7	6.8	7.3	167.1	YES	1453
19	1.80	2418.4	4353.2	7.1	7.0	153.5	YES	1441
20	1.92	1508.9	2897.0	7.3	7.4	177.2	YES	2155
21	1.79	1452.4	2599.7	7.4	7.4	173.4	YES	2121
22	1.78	1368.1	2435.2	7.5	7.4	172.0	YES	2172
23	1.71	1005.7	1719.7	7.3	7.5	179.3	YES	2831
24	1.58	1439.0	2273.7	7.3	7.4	170.4	YES	2292
25	1.57	1156.0	1815.0	7.2	7.4	171.3	YES	2880
26	1.66	1523.0	2528.2	7.4	7.4	170.8	YES	2135
27	1.75	1511.8	2645.6	7.7	7.4	169.1	YES	2120
28	1.78	1428.1	2541.9	7.8	7.4	168.6	YES	2168
29	1.73	1002.1	1733.7	7.5	7.4	171.0	YES	2810
30	1.77	1379.6	2441.9	7.4	7.3	166.9	YES	2481
31	1.56	1790.0	2792.4	7.7	7.3	159.6	YES	2086

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: **May-23**

Minimum UVT [%] during month: 95 Duty sensor variation from reference sensor: 0.9733 %

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]	[^{mW} /cm ²]	[Y or N]	[mgd]	[mgd]	(Daily Sum {B}) ÷ (Daily Sum {A}) * 100 [%]
1	1976	30	Y	2.647		-
2	1956	29	Y	2.237		-
3	1461	42	Y	1.999		-
4	1477	43	Y	1.999		-
5	1647	44	Y	1.676		-
6	2102	27	Y	2.482		-
7	2119	31	Y	2.518		-
8	2166	45	Y	2.619		-
9	2086	47	Y	2.496		-
10	1839	55	Y	2.394		-
11	2517	40	Y	2.872		-
12	2495	40	Y	3.194		-
13	2438	41	Y	2.833		-
14	3342	40	Y	3.345		-
15	3439	21	Y	2.984		-
16	2139	34	Y	2.055	0.001	0.05
17	1436	51	Y	1.497		-
18	1453	51	Y	1.669		-
19	1441	53	Y	1.836	0.003	0.16
20	2156	35	Y	2.166		-
21	2121	37	Y	2.129		-
22	2172	31	Y	2.174		-
23	2831	24	Y	2.616		-
24	2292	29	Y	2.708		-
25	2880	23	Y	2.893		-
26	2135	31	Y	2.531		-
27	2120	30	Y	2.591		-
28	2168	29	Y	2.621	0.001	0.04
29	2810	37	Y	2.7		-
30	2481	41	Y	2.317		-
31	2086	49	Y	2.144		-
Monthly Total Column {A} and Column {B}				74.942	0.005	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0067

Signature: *Rennis Bachman*

Op Cert #: T-08465

Date: 05/07/23
DB

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

May-23

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