

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

County: Baker
 Month/Year: Dec-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 ¹ [NTU]
1	0.35	0.25	0.21	0.35	0.28	0.28	0.38
2	0.25	0.31	0.25	0.25	0.35	0.21	0.35
3	0.25	0.28	0.21	0.25	0.25	0.31	0.35
4	0.18	0.21	0.25	0.28	0.31	0.25	0.35
5	0.31	0.25	0.28	0.28	0.25	0.25	0.35
6	0.28	0.28	0.35	0.31	0.28	0.28	0.35
7	0.28	0.21	0.28	0.25	0.25	0.35	0.38
8	0.25	0.31	0.28	0.28	0.35	0.35	0.35
9	0.28	0.28	0.21	0.31	0.31	0.31	0.38
10	0.31	0.31	0.21	0.28	0.25	0.28	0.35
11	0.31	0.28	0.25	0.35	0.35	0.25	0.38
12	0.28	0.28	0.25	0.28	0.35	0.25	0.38
13	0.31	0.31	0.35	0.38	0.28	0.31	0.48
14	0.35	0.31	0.28	0.28	0.25	0.28	0.38
15	0.25	0.28	0.58	0.35	0.28	0.31	1.22
16	0.28	0.31	0.31	0.25	0.25	0.25	0.35
17	0.28	0.21	0.35	0.35	0.35	0.35	0.48
18	0.35	0.31	0.35	0.25	0.28	0.31	0.38
19	0.28	0.35	0.25	0.31	0.28	0.25	0.38
20	0.28	0.35	0.28	0.31	0.28	0.31	0.38
21	0.28	0.25	0.38	0.35	0.85	1.22	3.94
22	0.31	0.65	0.75	0.48	0.42	0.52	1.39
23	0.25	0.21	0.25	0.21	0.65	0.62	0.92
24	0.38	0.31	0.28	0.31	0.35	0.31	0.48
25	0.31	0.42	0.38	0.31	0.35	0.42	0.45
26	0.38	0.42	0.42	0.35	0.42	0.38	0.45
27	0.35	0.31	0.35	0.35	0.21	0.21	0.42
28	0.28	0.21	0.21	0.31	0.28	0.35	0.35
29	0.35	0.25	0.28	0.35	0.31	0.25	0.35
30	0.31	0.28	0.25	0.25	0.31	0.31	0.38
31	0.31	0.35	0.28	0.25	0.25	0.28	0.38

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) <u>Yes</u> / No	All Cl ₂ residual at entry point \geq 0.2 mg/l? <u>Yes</u> / No
All daily turbidity readings \leq 5 NTU? <u>Yes</u> / No		

Notes:

PRINTED NAME: Dennis Bachman

SIGNATURE: *Dennis Bachman* DATE: 1-10-22

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: **Dec-21** 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	1.46	3839.2	5605.2	5.0	7.3	189.4	YES	928
2	1.41	3885.2	5478.2	5.0	7.3	188.3	YES	921
3	1.42	3927.6	5577.1	5.0	7.3	188.5	YES	919
4	1.48	3910.4	5787.5	5.0	7.3	189.9	YES	927
5	1.47	3961.1	5822.8	5.1	7.3	188.4	YES	923
6	1.44	3931.1	5660.8	5.1	7.3	187.7	YES	934
7	1.45	3964.7	5748.9	5.0	7.3	189.2	YES	930
8	1.52	4209.1	6397.9	4.9	7.2	185.2	YES	876
9	1.52	4069.0	6184.8	4.8	7.3	193.4	YES	910
10	1.50	4086.9	6130.4	4.8	7.3	192.9	YES	906
11	1.48	4060.1	6008.9	4.6	7.3	195.1	YES	912
12	1.48	4156.9	6152.3	4.5	7.3	196.5	YES	887
13	1.48	3844.5	5689.8	4.4	7.3	197.8	YES	951
14	1.48	3935.5	5824.6	4.2	7.3	200.5	YES	929
15	1.47	3840.6	5645.7	4.2	7.1	186.2	YES	956
16	1.49	4085.9	6088.0	4.3	7.3	199.4	YES	891
17	1.51	3953.4	5969.6	4.1	7.3	202.6	YES	913
18	1.51	3998.1	6037.1	4.1	7.3	202.6	YES	895
19	1.50	3809.4	5714.1	4.0	7.3	203.8	YES	923
20	1.50	3778.3	5667.5	4.0	7.3	203.8	YES	910
21	1.49	3669.8	5468.0	4.0	7.3	203.5	YES	903
22	1.21	3444.2	4167.5	4.0	7.3	197.0	YES	926
23	1.30	1615.4	2100.0	4.1	7.3	197.7	YES	1984
24	1.37	1506.6	2064.0	4.1	7.3	199.3	YES	2024
25	1.53	1627.7	2490.5	4.0	7.3	204.5	YES	1816
26	1.64	1455.6	2387.2	3.8	7.3	210.0	YES	1988
27	1.58	1747.3	2760.8	3.6	7.3	211.4	YES	1665
28	1.59	2131.6	3389.2	3.4	7.4	222.6	YES	1551
29	1.58	1710.3	2702.3	3.2	7.3	217.3	YES	2165
30	1.51	1733.8	2618.0	3.2	7.3	215.5	YES	2019
31	1.50	1662.2	2493.3	3.2	7.3	215.3	YES	2003

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: Dec-21

Minimum UVT [%] during month: 89 Duty sensor variation from reference sensor: 0.998 %

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	928	283	y	1.092		-
2	921	120	y	1.083		-
3	919	159	y	1.084		-
4	927	158	y	1.051		-
5	923	164	y	1.067		-
6	934	167	y	1.08		-
7	930	169	y	1.072		-
8	876	218	y	1.081		-
9	910	195	y	1.062		-
10	906	197	y	1.073		-
11	912	196	y	1.078		-
12	887	203	y	1.092		-
13	951	190	y	1.105		-
14	929	195	y	1.082		-
15	956	244	y	1.103		-
16	891	236	y	1.108		-
17	913	237	y	1.108	0.001	0.09
18	895	171	y	1.094		-
19	923	166	y	1.143		-
20	910	167	y	1.141		-
21	903	176	y	1.131		-
22	926	166	y	1.141		-
23	1984	71	y	1.968		-
24	2024	76	y	2.515		-
25	1816	88	y	2.438		-
26	1988	82	y	2.352		-
27	1665	98	y	2.198		-
28	1551	105	y	1.321		-
29	2165	226	y	2.174		-
30	2019	78	y	2.51		-
31	2003	78	y	2.499		-

Monthly Total Column {A} and Column {B}

44.046

0.001

Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]

0.0023

Signature: *Dennis Bachman*

Op Cert #: T-08465

Date: 1-10-22

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Dec-21

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:12		4.5	
2/			
3/			
4/			
5/			
6/ 09:10		2	
7/ 10:25		ND	
8/ 09:10		2	
9/			
10/			
11/			
12/			
13/ 09:10		ND	
14/ 09:15		ND	
15/ 09:15		ND	
16/			
17/			
18/			
19/			
20/ 09:15		7.8	
21/ 09:30		ND	
22/ 09:20		ND	
23/			
24/			
25/			
26/			
27/ 09:10		4.5	
28/ 09:10		ND	
29/ 09:10		ND	
30/			
31/			