

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

County: **Baker**
 Month/Year: **Dec-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	0.31	0.25	0.31	0.31	0.25	0.28	0.31
2	0.31	0.31	0.31	0.31	0.31	0.31	0.35
3	0.31	0.28	0.28	0.31	0.25	0.31	0.35
4	0.35	0.31	0.35	0.35	0.35	0.28	0.38
5	0.28	0.31	0.35	0.31	0.31	0.31	0.35
6	0.35	0.35	0.35	0.35	0.28	0.28	0.35
7	0.28	0.31	0.31	0.28	0.31	0.31	0.35
8	0.31	0.31	0.31	0.31	0.28	0.28	0.35
9	0.31	0.25	0.28	0.25	0.25	0.25	0.42
10	0.25	0.31	0.28	0.28	0.25	0.28	0.31
11	0.28	0.31	0.31	0.25	0.28	0.25	0.35
12	0.28	0.31	0.25	0.28	0.31	0.25	0.35
13	0.25	0.31	0.31	0.28	0.31	0.31	0.31
14	0.31	0.28	0.28	0.31	0.31	0.28	0.31
15	0.28	0.28	0.28	0.31	0.28	0.31	0.31
16	0.31	0.31	0.31	0.25	0.28	0.28	0.35
17	0.31	0.28	0.31	0.25	0.31	0.31	0.35
18	0.31	0.31	0.28	0.28	0.28	0.31	0.35
19	0.28	0.31	0.31	0.28	0.28	0.28	0.35
20	0.31	0.31	0.31	0.28	0.31	0.35	0.35
21	0.31	0.28	0.28	0.31	0.31	0.31	0.35
22	0.31	0.28	0.28	0.35	0.31	0.31	0.35
23	0.28	0.35	0.31	0.28	0.31	0.28	0.35
24	0.28	0.28	0.31	0.25	0.25	0.31	0.38
25	0.38	0.31	0.28	0.42	0.31	0.35	0.82
26	0.31	0.28	0.28	0.38	0.35	0.35	0.42
27	0.28	0.31	0.28	0.31	0.28	0.28	0.35
28	0.31	0.35	0.31	0.31	0.28	0.28	0.35
29	0.28	0.28	0.28	0.31	0.28	0.31	0.35
30	0.31	0.28	0.28	0.31	0.28	0.28	0.35
31	0.28	0.28	0.28	0.31	0.28	0.28	0.35

Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ²	N/A	CT's met everyday? (see Page 2)	All Cl ₂ residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 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: *Dennis Bachman* DATE: **1/9/24**

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: Dec-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	1.75	4040.3	7070.6	4.7	7.4	207.4	YES	928
2	1.77	4079.9	7221.5	4.6	7.4	209.4	YES	919
3	1.78	3101.3	5520.3	4.6	7.4	209.6	YES	1214
4	1.81	3865.2	6996.0	4.5	7.1	189.9	YES	962
5	1.81	3943.1	7137.0	4.5	7.2	196.9	YES	943
6	1.83	1781.2	3259.7	4.5	7.3	204.7	YES	1808
7	1.74	1679.3	2922.0	4.5	7.3	202.5	YES	1751
8	1.67	3179.2	5309.3	4.5	7.3	200.9	YES	920
9	1.63	2907.1	4738.6	4.5	7.3	199.9	YES	974
10	1.62	2940.3	4763.3	4.4	7.3	201.1	YES	963
11	1.70	3197.5	5435.8	4.4	7.3	203.0	YES	905
12	1.72	3223.5	5544.5	4.3	7.3	204.8	YES	917
13	1.79	3314.5	5933.0	4.2	7.3	207.9	YES	920
14	1.80	3413.9	6145.0	4.2	6.9	180.0	YES	916
15	1.81	3487.4	6312.2	4.2	7.3	208.4	YES	919
16	1.82	3562.9	6484.4	4.2	7.1	194.0	YES	917
17	1.83	3032.6	5549.6	4.2	7.2	201.4	YES	1103
18	1.81	3854.4	6976.5	4.2	7.2	201.0	YES	888
19	1.79	3778.8	6764.1	4.2	7.2	200.5	YES	914
20	1.79	3686.5	6598.8	4.2	7.3	207.9	YES	958
21	1.71	3807.4	6510.7	4.2	7.0	184.7	YES	948
22	1.66	3939.5	6539.6	4.2	7.2	197.5	YES	932
23	1.62	3497.6	5666.1	4.2	7.3	203.8	YES	1072
24	1.61	3944.2	6350.2	4.2	7.3	203.6	YES	923
25	1.50	3848.7	5773.0	4.2	7.3	201.0	YES	954
26	1.59	4315.7	6862.0	4.2	7.3	203.1	YES	876
27	1.61	4238.3	6823.7	4.1	7.3	205.0	YES	892
28	1.61	878.9	1415.0	4.0	7.3	206.4	YES	4160
29	1.63	1667.5	2718.1	3.9	7.3	208.3	YES	1810
30	1.68	3398.9	5710.2	3.9	7.3	209.5	YES	888
31	1.68	3398.5	5709.4	4.0	7.3	208.1	YES	911

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-23

Minimum UVT [%] during month: 97% Duty sensor variation from reference sensor: 1.044 %

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	928	65	y	1.088		-
2	919	66	y	1.072		-
3	1214	83	y	1.068		-
4	962	146	y	1.156		-
5	943	147	y	1.096		-
6	1808	71	y	1.888		-
7	1751	74	y	1.539		-
8	920	135	y	1.25		-
9	974	123	y	1.251		-
10	963	137	y	1.13		-
11	905	59	y	1.115		-
12	917	58	y	1.094		-
13	920	62	y	1.092		-
14	916	78	y	1.094		-
15	919	135	y	1.103	0.001	0.09
16	917	135	y	1.09		-
17	1103	176	y	1.083		-
18	888	61	y	1.149		-
19	914	72	y	1.087		-
20	958	132	y	1.073		-
21	948	128	y	1.086		-
22	932	129	y	1.089		-
23	1072	158	y	1.065		-
24	923	58	y	1.091		-
25	954	75	y	1.026		-
26	876	119	y	1.059		-
27	892	132	y	1.115		-
28	4160	66	y	1.328		-
29	1810	65	y	1.951		-
30	888	131	y	1.119		-
31	911	127	y	1.087		-
Monthly Total Column {A} and Column {B}				36.534	0.001	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0027

Signature: *Wenno Bachman*

Op Cert #: T-08465 Date: 1/9/24

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Dec-23

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/			
3/			
4/ 09:05		ND	
5/ 09:15		ND	
6/ 09:00		2	
7/			
8/			
9/			
10/			
11/ 09:20		7.8	
12/ 09:10		ND	
13/ 09:30		2	
14/			
15/			
16/			
17/			
18/ 09:00		ND	
19/ 09:10		ND	
20/ 08:50		2	
21/			
22/			
23/			
24/			
25/			
26/ 09:15		13	
27/ 09:30		11	
28/ 09:10		33	
29/			
30/			
31/			