

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

County: Baker

Month/Year: Nov-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	0.28	0.21	0.25	0.21	0.25	0.21	0.28
2	0.21	0.25	0.28	0.55	0.79	0.45	1.06
3	0.42	0.31	0.25	0.25	0.28	0.28	0.42
4	0.25	0.28	0.28	0.28	0.31	0.35	0.65
5	0.65	1.22	0.38	0.68	0.48	0.38	1.90
6	0.38	0.48	0.52	0.42	0.38	0.38	0.55
7	0.28	0.25	0.28	0.28	0.28	0.65	0.68
8	0.31	0.28	0.28	0.25	0.28	0.28	0.35
9	0.25	0.25	0.28	0.21	0.28	0.25	0.31
10	0.25	0.28	0.28	0.25	0.25	0.28	0.28
11	0.21	0.21	0.25	0.25	0.21	0.28	0.28
12	0.21	0.21	0.21	0.25	0.21	0.21	0.28
13	0.21	0.21	0.28	0.25	0.31	0.28	1.06
14	0.28	0.25	0.28	0.25	0.25	0.25	0.31
15	0.28	0.25	0.28	0.31	0.28	0.21	0.31
16	0.31	0.42	0.38	0.45	0.31	0.38	0.75
17	0.38	0.31	0.28	0.28	0.31	0.31	0.38
18	0.28	0.31	0.28	0.35	0.28	0.28	0.35
19	0.31	0.28	0.31	0.31	0.28	0.28	0.35
20	0.35	0.31	0.28	0.28	0.28	0.25	0.35
21	0.28	0.31	0.28	0.25	0.31	0.25	0.31
22	0.28	0.28	0.25	0.31	0.31	0.28	0.31
23	0.31	0.31	0.28	0.28	0.31	0.25	0.35
24	0.25	0.28	0.31	0.28	0.31	0.31	0.31
25	0.25	0.31	0.28	0.31	0.42	0.25	0.42
26	0.31	0.31	0.31	0.28	0.31	0.31	0.35
27	0.31	0.31	0.31	0.25	0.28	0.28	0.35
28	0.28	0.31	0.28	0.31	0.31	0.28	0.35
29	0.28	0.28	0.35	0.31	0.31	0.31	0.35
30	0.28	0.28	0.31	0.28	0.31	0.28	6.30
31							

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?	Yes / No	Yes / No	Yes / No

Notes: 11/30/23 turbidimeter was being cleaned which caused a spike of 6.3 NTUs.

PRINTED NAME: Dennis Bachman
 SIGNATURE: *Dennis Bachman* DATE: 12/7/23
 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: Nov-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	1.43	3667.6	5244.6	7.2	7.5	174.8	YES	929
2	1.42	3640.1	5169.0	7.1	7.5	175.8	YES	936
3	1.28	3777.1	4834.8	7.0	7.5	174.1	YES	935
4	1.24	3868.4	4796.9	7.0	7.5	173.3	YES	925
5	1.25	4051.2	5064.0	7.0	7.5	173.5	YES	914
6	1.02	4023.6	4104.1	7.1	7.5	167.8	YES	928
7	0.87	3769.7	3279.6	7.1	7.4	159.1	YES	974
8	0.79	3838.3	3032.2	7.2	7.2	145.8	YES	912
9	0.70	1866.9	1306.9	7.1	7.2	145.3	YES	1800
10	0.75	3433.3	2575.0	7.1	7.4	156.9	YES	938
11	1.10	3355.6	3691.2	7.1	7.1	146.8	YES	918
12	1.10	3108.3	3419.1	7.1	7.1	146.8	YES	956
13	1.10	3051.9	3357.0	6.8	7.3	160.8	YES	938
14	2.00	2127.6	4255.1	6.8	7.3	178.5	YES	1404
15	2.00	3033.3	6066.6	6.8	7.0	160.2	YES	954
16	2.00	3183.1	6366.1	6.8	7.3	178.5	YES	914
17	2.00	3225.8	6451.6	6.8	7.3	178.5	YES	926
18	2.00	3426.5	6853.1	6.6	7.3	180.9	YES	899
19	1.96	3043.3	5964.8	6.5	7.1	168.7	YES	1048
20	1.87	3541.2	6622.1	6.3	7.1	169.2	YES	927
21	1.82	3567.1	6492.1	6.2	7.1	169.4	YES	929
22	1.83	3605.7	6598.4	6.0	7.3	184.8	YES	932
23	1.82	3617.0	6582.9	5.8	7.3	187.1	YES	942
24	1.81	3776.2	6834.9	5.7	7.3	188.1	YES	927
25	1.83	3889.5	7117.7	5.5	7.3	191.2	YES	924
26	1.78	3264.2	5810.2	5.4	7.0	171.7	YES	1101
27	1.77	4043.7	7157.3	5.2	7.2	186.8	YES	908
28	1.78	4007.8	7134.0	5.1	7.4	202.5	YES	920
29	1.79	4036.6	7225.6	4.9	7.4	205.6	YES	925
30	1.77	4074.7	7212.2	4.8	7.4	206.5	YES	924
31								

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: Nov-23

Minimum UVT [%] during month: 94% Duty sensor variation from reference sensor: 1.054 %

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	929	101	y	1.094		-
2	936	100	y	1.088		-
3	935	90	y	1.089		-
4	925	113	y	1.055		-
5	914	187	y	1.055		-
6	928	49	y	1.121		-
7	974	60	y	1.072		-
8	912	113	y	1.101		-
9	1800	58	y	1.074		-
10	938	49	y	1.083		-
11	918	53	y	1.091		-
12	956	70	y	1.075		-
13	938	85	y	1.154		-
14	1404	115	y	1.099		-
15	954	149	y	1.13		-
16	914	190	y	1.111		-
17	926	60	y	1.104		-
18	899	78	y	1.071	0.01	0.93
19	1048	102	y	1.078		-
20	927	152	y	1.166		-
21	929	150	y	1.146		-
22	932	148	y	1.13		-
23	942	146	y	1.093		-
24	927	146	y	1.07		-
25	924	184	y	1.068		-
26	1101	47	y	1.042		-
27	908	65	y	1.161		-
28	920	66	y	1.134		-
29	925	66	y	1.129		-
30	924	66	y	1.082		-
31						#DIV/0!
Monthly Total Column {A} and Column {B}				32.966	0.01	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0303

Signature: *Nennis Bachman*

Op Cert #: T-08465

Date: 12/7/23

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: Nov-23

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