

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

County: **Baker**
 Month/Year: **Nov-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	0.25	0.28	0.28	0.25	0.25	0.28	0.28
2	0.25	0.28	0.28	0.28	0.25	0.21	0.28
3	0.28	0.25	0.21	0.25	0.25	0.25	0.28
4	0.25	0.25	0.25	0.21	0.25	0.21	0.31
5	0.28	0.28	0.21	0.21	0.21	0.21	0.35
6	0.21	0.25	0.21	0.25	0.25	0.18	0.28
7	0.25	0.21	0.21	0.25	0.21	0.21	0.28
8	0.25	0.25	0.28	0.21	0.25	0.21	0.28
9	0.21	0.25	0.21	0.25	0.21	0.28	0.28
10	0.21	0.25	0.21	0.21	0.31	0.35	0.35
11	0.28	0.31	0.28	0.25	0.28	0.25	0.35
12	0.25	0.25	0.21	0.25	0.28	0.25	0.28
13	0.21	0.21	0.25	0.21	0.21	0.21	0.28
14	0.25	0.25	0.21	0.21	0.25	0.21	0.28
15	0.21	0.25	0.21	0.25	0.21	0.25	0.28
16	0.21	0.25	0.21	0.25	0.25	0.25	0.28
17	0.28	0.21	0.28	0.21	0.21	0.21	0.28
18	0.25	0.28	0.25	0.25	0.28	0.21	0.28
19	0.21	0.21	0.21	0.21	0.25	0.28	0.28
20	0.21	0.25	0.25	0.21	0.25	0.21	0.28
21	0.21	0.25	0.28	0.25	0.25	0.31	0.38
22	0.38	0.42	0.48	2.83	1.63	1.22	9.03
23	0.55	0.45	0.48	0.52	0.45	0.38	0.55
24	0.38	0.31	0.31	0.31	0.31	0.28	0.38
25	0.28	0.28	0.31	0.25	0.28	0.28	0.31
26	0.28	0.31	0.28	0.25	0.25	0.31	0.31
27	0.25	0.31	0.28	0.31	0.28	0.28	0.35
28	0.28	0.25	0.25	0.25	0.31	0.31	0.31
29	0.25	0.31	0.28	0.31	0.31	0.25	0.35
30	0.28	0.28	0.28	0.31	0.25	0.28	0.35
31							

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

Notes: Nov. 24 shows a spike of 9.03 NTU's. Water was immediately turned out to waste. Averages for the day remained \leq 5 NTU.

PRINTED NAME: Dennis Bachman
SIGNATURE: *Dennis Bachman* **DATE:** 12-9-24
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

Disinfection *Giardia* Log

Inactivation:

3.0

System Name: Baker City

ID#: 41 00073

Month/Year: Nov-24

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	1.26	4095.0	5159.8	7.2	7.2	153.9	YES	946
2	1.32	4252.4	5613.1	7.0	7.2	157.0	YES	911
3	1.32	4113.4	5429.7	6.9	7.2	158.1	YES	938
4	1.32	4167.0	5500.4	6.7	7.2	160.2	YES	911
5	1.37	3835.3	5254.3	6.6	7.2	162.3	YES	933
6	1.35	3709.0	5007.2	6.6	7.2	161.9	YES	927
7	1.36	3811.8	5184.1	6.5	7.2	163.2	YES	902
8	1.41	3761.8	5304.1	6.3	6.9	149.4	YES	914
9	1.48	3812.9	5643.0	6.2	7.2	168.8	YES	914
10	1.50	3902.3	5853.5	6.2	7.2	169.2	YES	909
11	1.54	4117.2	6340.5	6.1	7.2	171.1	YES	888
12	1.47	4010.6	5895.6	6.1	7.2	169.8	YES	931
13	1.42	4178.7	5933.7	6.1	7.2	168.8	YES	901
14	1.40	4038.4	5653.8	6.0	7.2	169.5	YES	940
15	1.45	4216.5	6113.9	5.9	7.2	171.7	YES	904
16	1.42	3959.6	5622.6	5.9	7.2	171.1	YES	943
17	1.41	3788.7	5342.1	5.8	7.2	172.0	YES	965
18	1.39	3970.4	5518.9	5.6	6.9	156.2	YES	913
19	1.36	3499.4	4759.2	5.5	7.2	174.6	YES	1027
20	1.36	3450.6	4692.9	5.4	7.2	175.7	YES	1037
21	1.37	3692.8	5059.1	5.3	7.2	177.1	YES	969
22	1.39	3877.0	5389.0	5.3	7.2	177.6	YES	935
23	1.36	4128.3	5614.5	5.3	7.2	176.9	YES	912
24	0.92	4091.5	3764.2	5.1	7.2	170.4	YES	924
25	0.88	3950.9	3476.8	5.1	7.2	169.6	YES	949
26	0.85	3901.6	3316.3	5.0	7.2	170.2	YES	965
27	0.89	4161.2	3703.5	4.9	7.2	172.2	YES	916
28	0.95	3990.9	3791.3	4.8	7.2	174.5	YES	959
29	0.98	4199.8	4115.8	4.7	7.2	176.3	YES	915
30	1.08	4128.6	4458.9	4.6	7.2	179.6	YES	927
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-24

Minimum UVT [%] during month: 90% Duty sensor variation from reference sensor: 0.990 %

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	946	69	y	0.982		-
2	911	114	y	1.018		-
3	938	73	y	1.026		-
4	911	119	y	1.035		-
5	933	73	y	1.015		-
6	927	115	y	1.022		-
7	902	79	y	1.051		-
8	914	96	y	1.054		-
9	914	126	y	1.02		-
10	909	101	y	1.014		-
11	888	125	y	1.05		-
12	931	96	y	1.036		-
13	901	119	y	1.019		-
14	940	92	y	1.014		-
15	904	113	y	1.003		-
16	943	98	y	0.995		-
17	965	112	y	1.035		-
18	913	75	y	1.046	0.001	0.10
19	1027	76	y	1.035	0.008	0.77
20	1037	102	y	1.006		-
21	969	462	y	1.018	0.002	0.20
22	935	508	y	0.99		-
23	912	474	y	1.016		-
24	924	451	y	1.018		-
25	949	371	y	1.003		-
26	965	249	y	1.028		-
27	916	326	y	1.045		-
28	959	368	y	0.995		-
29	915	367	y	0.977		-
30	927	397	y	1.004		-
31						#DIV/0!
Monthly Total Column {A} and Column {B}				30.57	0.011	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0360

Signature: *Nennis Bachman*

Op Cert #: T-08465

Date: 12-9-24

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Nov-24

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/			
3/			
4/ 09:10		<2	
5/ 09:20		<2	
6/ 09:15		<2	
7/ 09:05		<2	
8/			
9/			
10/			
11/			
12/ 09:10		<2	
13/ 09:00		<2	
13/ 10:15		<2	
14/ 09:05		<2	
16/			
17/			
18/ 09:15		<2	
19/ 09:10		ND	
20/			
21/ 08:15		ND	
21/ 09:15		ND	
23/			
25/ 08:45		ND	
25/ 09:30		ND	
26/ 09:00		ND	
26/ 09:40		ND	
28/			
29/			
30/			
31/			