

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

County: **Baker**
 Month/Year: **Dec-22**

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	0.28	0.21	0.31	0.18	0.31
2	0.21	0.25	0.28	0.35	0.28	0.21	0.31
3	0.28	0.25	0.28	0.21	0.31	0.18	0.31
4	0.21	0.31	0.28	0.21	0.25	0.21	0.31
5	0.21	0.28	0.21	0.25	0.21	0.31	0.31
6	0.25	0.31	0.21	0.31	0.25	0.28	0.38
7	0.25	0.18	0.25	0.31	0.18	0.25	0.31
8	0.31	0.25	0.25	0.21	0.28	0.35	1.32
9	0.35	0.35	0.28	0.35	0.28	0.28	0.42
10	0.35	0.31	0.25	0.25	0.25	0.38	0.38
11	0.31	0.25	0.31	0.25	0.28	0.28	0.38
12	0.28	0.25	0.31	0.31	0.28	0.25	0.38
13	0.28	0.28	0.35	0.28	0.31	0.31	0.35
14	0.25	0.28	0.28	0.28	0.28	0.21	0.35
15	0.28	0.28	0.35	0.25	0.28	0.25	0.38
16	0.28	0.31	0.62	0.25	0.21	0.28	0.65
17	0.28	0.21	0.31	0.25	0.28	0.25	0.35
18	0.35	0.28	0.31	0.28	0.25	0.21	0.35
19	0.28	0.31	0.31	0.25	0.25	0.31	0.35
20	0.31	0.31	0.31	0.28	0.28	0.31	0.38
21	0.35	0.28	0.31	0.31	0.35	0.28	0.38
22	0.31	0.31	0.25	0.28	0.28	0.21	0.35
23	0.25	0.28	0.31	0.35	0.25	0.28	0.35
24	0.28	0.28	0.25	0.25	0.28	0.38	0.45
25	0.31	0.35	0.38	0.28	0.28	0.31	0.48
26	0.38	0.35	0.38	0.38	0.42	0.58	0.85
27	0.68	0.48	0.55	0.95	0.95	0.62	1.12
28	0.48	0.42	0.42	0.38	0.35	0.31	0.48
29	0.35	0.31	0.31	0.35	0.31	0.35	0.38
30	0.28	0.25	0.25	0.28	0.25	0.42	0.75
31	0.31	0.31	0.31	0.31	0.31	0.31	0.31

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:	PRINTED NAME: Dennis Bachman	
	SIGNATURE: <i>Dennis Bachman</i>	DATE: 1/9/23
	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: Dec-22 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	1.57	3643.0	5719.5	3.7	7.3	209.7	YES	931
2	1.53	3548.6	5429.3	3.7	7.3	208.7	YES	947
3	1.51	3444.7	5201.5	3.6	7.3	209.7	YES	962
4	1.51	3522.9	5319.5	3.5	7.3	211.1	YES	923
5	1.50	3498.8	5248.2	3.5	7.1	196.0	YES	916
6	1.48	3444.1	5097.3	3.4	7.2	204.2	YES	917
7	1.48	3445.7	5099.6	3.4	7.3	211.8	YES	894
8	1.50	3330.2	4995.3	3.4	7.3	212.3	YES	911
9	1.49	3310.9	4933.2	3.4	7.4	220.0	YES	921
10	1.49	3408.6	5078.7	3.4	7.4	220.0	YES	922
11	1.55	3673.1	5693.4	3.4	7.4	221.5	YES	881
12	1.57	3715.8	5833.9	3.5	7.4	220.5	YES	896
13	1.59	3790.4	6026.7	3.5	7.1	198.1	YES	903
14	1.52	3830.1	5821.8	3.6	7.4	217.7	YES	918
15	1.48	3752.0	5553.0	3.6	7.4	216.7	YES	962
16	1.43	3777.4	5401.7	3.6	7.1	193.1	YES	972
17	1.41	3829.6	5399.8	3.5	7.3	208.6	YES	975
18	1.38	3787.9	5227.2	3.4	7.3	209.3	YES	957
19	1.34	3218.9	4313.3	3.3	7.1	195.0	YES	1102
20	1.32	904.9	1194.5	3.2	7.4	218.6	YES	4281
21	1.34	4099.4	5493.2	3.2	7.1	196.4	YES	945
22	1.35	3554.0	4798.0	3.2	7.3	211.5	YES	1090
23	1.43	3518.5	5031.5	3.2	7.3	213.5	YES	1101
24	1.48	3544.3	5245.5	3.2	7.3	214.7	YES	1093
25	1.50	4183.5	6275.2	3.2	7.3	215.3	YES	926
26	1.49	3593.6	5354.5	3.2	7.3	215.0	YES	1078
27	1.39	3392.2	4715.2	3.2	7.3	212.5	YES	1142
28	1.25	3500.5	4375.6	3.3	7.3	207.6	YES	1080
29	0.94	3615.4	3398.4	3.4	7.3	198.8	YES	1050
30	0.98	4354.1	4267.0	3.4	7.3	199.8	YES	879
31	1.11	3550.3	3940.8	3.4	7.3	202.8	YES	1078

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-22

Minimum UVT [%] during month: 73 Duty sensor variation from reference sensor: 0.920 %

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	931	87	y	1.079		-
2	947	85	y	1.091		-
3	962	83	y	1.094		-
4	923	107	y	1.114		-
5	916	88	y	1.112		-
6	917	43	y	1.088		-
7	894	89	y	1.118		-
8	911	104	y	1.116		-
9	921	85	y	1.118		-
10	922	86	y	1.12		-
11	881	89	y	1.115		-
12	896	91	y	1.112		-
13	903	91	y	1.093		-
14	918	90	y	1.101		-
15	962	115	y	1.099		-
16	972	82	y	1.086		-
17	975	107	y	1.076		-
18	957	128	y	1.13		-
19	1102	96	y	1.211		-
20	4281	65	y	1.172		-
21	945	116	y	1.144		-
22	1090	112	y	1.171		-
23	1101	112	y	1.19		-
24	1093	110	y	1.175		-
25	926	131	y	1.124		-
26	1078	111	y	1.154		-
27	1142	126	y	1.175		-
28	1080	64	y	1.176		-
29	1050	55	y	1.175		-
30	879	67	y	1.157		-
31	1078	72	y	1.14		-
Monthly Total Column {A} and Column {B}				35.026	0	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						-

Signature: *Dennis Bachman*

Op Cert #: T-08465

Date: 1/9/23

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Dec-22

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:25		ND	
2/			
3/			
4/			
5/ 09:10		4.5	
6/ 09:20		ND	
7/ 09:56		ND	
8/			
9/			
10/			
11/			
12/ 09:20		ND	
13/ 09:15		ND	
14/ 09:20		ND	
15/			
16/			
17/			
18/			
19/ 09:10		ND	
20/			
21/ 09:15		ND	
22/ 09:21		ND	
23/			
24/			
25/			
26/			
27/			
28/ 09:15		ND	
29/ 08:30		ND	
29/ 10:15		ND	
31/			