

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

County: **Baker**
 Month/Year: **Aug-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	0.38	0.28	0.31	0.35	0.31	0.28	0.35
2	0.31	0.28	0.28	0.28	0.31	0.35	0.35
3	0.31	0.52	0.42	0.42	0.38	0.45	0.52
4	0.35	0.31	0.31	0.31	0.31	0.31	0.42
5	0.35	0.35	0.35	0.35	0.35	0.35	0.42
6	0.31	0.35	0.31	0.28	0.28	0.31	0.42
7	0.35	0.31	0.35	0.45	0.45	0.28	0.48
8	0.28	0.35	0.31	0.31	0.31	0.35	0.42
9	0.31	0.31	0.35	0.28	0.31	0.31	0.38
10	0.35	0.31	0.28	0.35	0.35	0.35	0.79
11	0.31	0.31	0.31	0.28	0.31	0.38	0.42
12	0.35	0.28	0.25	0.31	0.28	0.25	0.38
13	0.28	0.31	0.35	0.42	0.45	0.35	0.52
14	0.35	0.35	0.31	0.28	0.31	0.31	0.38
15	0.31	0.31	0.31	0.28	0.35	0.35	0.45
16	0.35	0.31	0.28	0.35	0.35	0.31	0.38
17	0.31	0.28	0.35	0.35	0.35	0.28	0.42
18	0.28	0.35	0.28	0.31	0.28	0.35	0.42
19	0.31	0.28	0.31	0.38	0.35	0.31	0.42
20	0.35	0.35	0.35	0.31	0.38	0.52	0.58
21	0.45	0.35	0.35	0.31	0.35	0.31	0.42
22	0.35	0.38	0.31	0.31	0.28	0.31	0.45
23	0.31	0.31	0.28	0.31	0.31	0.31	0.38
24	0.31	0.35	0.38	0.31	0.45	0.35	0.45
25	0.38	0.45	0.42	0.45	0.42	0.31	0.58
26	0.35	0.38	0.35	0.31	0.35	0.35	0.38
27	0.31	0.38	0.31	0.31	0.35	0.38	0.38
28	0.38	0.31	0.38	0.31	0.35	0.31	0.38
29	0.35	0.31	0.35	0.28	0.35	0.31	0.45
30	0.35	0.35	0.31	0.38	0.42	0.42	0.45
31	0.38	0.38	0.31	0.35	0.31	0.38	0.42

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: <i>Dennis Bachman</i>	DATE: 9/9/24
	PHONE #: (541) 523-7349	0.38

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: Aug-24

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	1.04	674.8	701.8	11.6	6.9	101.4	YES	5003
2	1.05	403.6	423.8	11.8	6.9	100.2	YES	7324
3	1.06	498.0	527.9	10.6	7.1	116.0	YES	5561
4	1.12	793.5	888.7	10.6	7.1	116.8	YES	4235
5	1.00	677.8	677.8	12.1	7.0	101.1	YES	4889
6	0.97	623.6	604.9	12.6	7.2	102.9	YES	4940
7	0.98	583.7	572.1	10.9	7.2	116.8	YES	4904
8	1.09	890.5	970.6	11.0	7.2	117.4	YES	4036
9	1.04	674.5	701.5	11.9	6.9	99.4	YES	4936
10	1.01	893.1	902.0	12.1	7.0	101.2	YES	3850
11	1.00	1068.7	1068.7	12.2	7.2	107.6	YES	3523
12	0.99	941.3	931.9	12.2	7.0	100.4	YES	3884
13	1.01	862.3	870.9	12.2	7.0	100.6	YES	3843
14	0.94	836.9	786.7	12.1	7.3	111.3	YES	4034
15	1.09	775.1	844.8	11.9	7.1	107.0	YES	3874
16	1.13	677.1	765.1	11.7	7.2	112.7	YES	4343
17	1.15	568.8	654.1	10.1	6.9	113.0	YES	5033
18	1.14	843.4	961.4	10.1	7.2	125.3	YES	3874
19	1.10	550.4	605.4	10.1	7.2	124.7	YES	5173
20	1.21	865.9	1047.7	10.1	7.2	126.2	YES	3863
21	1.12	872.7	977.4	11.3	6.9	104.2	YES	3833
22	1.13	973.2	1099.7	11.6	6.9	102.4	YES	3533
23	1.11	522.7	580.2	11.7	6.9	101.5	YES	5536
24	1.12	792.0	887.1	11.3	6.9	104.2	YES	3850
25	1.14	948.1	1080.8	11.1	7.0	109.5	YES	3528
26	1.15	803.7	924.3	10.9	7.2	119.0	YES	4065
27	1.15	806.9	928.0	10.9	7.2	119.0	YES	3856
28	1.15	615.3	707.6	9.5	7.2	130.4	YES	4627
29	1.11	833.2	924.9	9.5	7.2	129.9	YES	3865
30	1.05	564.2	592.4	9.1	7.2	132.4	YES	5046
31	1.09	790.6	861.8	9.1	6.9	119.8	YES	3857

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: Aug-24

Minimum UVT [%] during month: 96% Duty sensor variation from reference sensor: 1.045 %

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	5003	28	y	4.692		-
2	7324	27	y	5.175	0.002	0.04
3	5561	27	y	5.331	0.001	0.02
4	4235	25	y	4.355	0.001	0.02
5	4889	25	y	4.514		-
6	4940	23	y	4.776		-
7	4904	23	y	4.665		-
8	4036	21	y	4.513		-
9	4936	22	y	4.656		-
10	3850	26	y	4.16		-
11	3523	28	y	3.935		-
12	3884	25	y	4.122		-
13	3843	27	y	3.731	0.006	0.16
14	4034	14	y	4.117		-
15	3874	15	y	3.979	0.009	0.23
16	4343	22	y	4.327	0.001	0.02
17	5033	15	y	4.325		-
18	3874	15	y	4.357		-
19	5173	13	y	4.373		-
20	3863	15	y	4.139		-
21	3833	14	y	3.922		-
22	3533	15	y	4.072		-
23	5536	15	y	4.057	0.001	0.02
24	3850	25	y	3.704		-
25	3528	27	y	3.778		-
26	4065	23	y	3.93		-
27	3856	24	y	4.193		-
28	4627	24	y	4.185		-
29	3865	24	y	4.249	0.001	0.02
30	5046	14	y	4.399		-
31	3857	14	y	4.261		-

Monthly Total Column {A} and Column {B}

132.992

0.022

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

0.0165

Signature: *Dennis Bachman*

Op Cert #: T-08465

Date: 9/9/24

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: Aug-24

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:15		7.8	
2/			
3/			
4/			
5/ 09:20		2	
6/ 09:05		1.8	
7/ 09:05		2	
8/ 08:55		7.8	
9/			
10/			
11/			
12/ 09:25		1.8	
13/ 09:15		2	
14/ 09:10		7.8	
15/ 09:15		ND	
16/			
17/			
18/			
20/ 09:00		2	
20/ 10:00		ND	
21/ 09:25		2	
22/ 09:00		4	
23/			
24/			
25/			
26/ 09:15		2	
27/ 09:10		ND	
28/ 09:15		ND	
29/ 09:15		ND	
30/			
31/			