

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

County: **Baker**
 Month/Year: **Jun-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	0.35	0.38	0.42	0.42	0.45	0.45	0.48
2	0.48	0.38	0.42	0.38	0.42	0.38	0.48
3	0.42	0.38	0.45	0.52	0.42	0.42	0.52
4	0.42	0.38	0.38	0.42	0.38	0.42	0.42
5	0.42	0.42	0.42	0.42	0.45	0.48	0.75
6	0.38	0.35	0.42	0.38	0.35	0.42	0.45
7	0.42	0.42	0.42	0.38	0.38	0.42	0.45
8	0.38	0.38	0.38	0.35	0.38	0.38	0.45
9	0.42	0.38	0.38	0.38	0.42	0.42	0.45
10	0.42	0.38	0.38	0.38	0.42	0.42	0.45
11	0.38	0.42	0.45	3.61	0.79	1.96	2.33
12	0.58	0.55	0.52	0.52	0.55	0.72	1.73
13	0.55	0.55	0.82	0.52	0.42	0.38	10.13
14	0.31	0.38	0.38	0.42	0.45	0.52	0.79
15	0.62	0.52	0.48	0.48	0.52	0.52	0.65
16	0.45	0.28	0.25	0.35	0.42	0.35	0.45
17	0.38	0.31	0.35	0.28	0.35	0.35	0.45
18	0.31	0.35	0.31	0.28	0.31	0.28	0.38
19	0.25	0.25	0.28	0.28	0.35	0.85	0.88
20	0.38	0.35	0.31	0.31	1.19	0.72	1.79
21	0.58	0.55	0.55	0.72	0.62	0.52	0.82
22	0.45	0.45	0.45	0.45	0.45	0.48	0.82
23	0.42	0.48	0.42	0.42	0.42	0.42	0.72
24	0.48	0.42	0.55	1.36	1.29	1.26	2.26
25	1.22	0.72	1.15	0.99	0.92	0.92	1.39
26	0.92	0.88	0.62	0.65	0.65	0.38	1.02
27	0.79	0.75	0.79	0.75	0.65	0.45	2.37
28	0.52	0.48	0.45	0.45	0.48	0.45	0.55
29	0.42	0.42	0.38	0.45	0.45	0.42	0.79
30	0.38	0.42	0.38	0.35	0.38	0.38	0.45
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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Notes: <i>A high reading was recorded on the 13th due to cleaning equipment.</i>	PRINTED NAME: Dennis Bachman		DATE: 7/9/24
	SIGNATURE: <i>Dennis Bachman</i>		CERT #: T-08465
	PHONE #: (541) 523-7349		

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: **Jun-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	1.37	1042.0	1427.5	7.7	6.8	130.8	YES	2807
2	1.42	1076.9	1529.2	7.8	6.9	135.4	YES	2875
3	1.44	1203.5	1733.1	8.0	7.0	138.7	YES	2831
4	1.24	1225.7	1519.8	8.1	6.8	125.6	YES	2856
5	1.19	1086.4	1292.9	8.1	6.9	129.3	YES	2864
6	1.23	901.9	1109.3	8.4	7.0	131.9	YES	3519
7	1.37	910.0	1246.7	8.4	6.7	120.7	YES	3522
8	1.39	871.9	1212.0	8.6	7.1	137.3	YES	3533
9	1.39	852.8	1185.4	8.8	7.1	135.5	YES	3521
10	1.40	833.6	1167.1	8.9	7.0	130.1	YES	3546
11	1.37	786.2	1077.1	8.5	7.0	133.1	YES	3542
12	1.29	977.3	1260.7	8.8	6.8	120.6	YES	3534
13	1.23	845.5	1040.0	8.9	7.0	127.7	YES	3533
14	1.23	824.1	1013.7	9.0	6.9	122.5	YES	3398
15	1.34	916.3	1227.9	8.8	7.2	139.6	YES	3175
16	1.36	923.0	1255.3	8.6	7.1	136.9	YES	3506
17	1.33	983.4	1307.9	8.3	7.1	139.1	YES	3528
18	1.25	1017.8	1272.3	8.1	7.2	144.8	YES	3531
19	1.24	963.6	1194.9	8.1	6.9	130.1	YES	3552
20	1.21	759.1	918.5	8.2	7.2	143.1	YES	3853
21	1.23	614.8	756.2	8.6	7.3	144.7	YES	4656
22	1.33	789.8	1050.4	8.8	7.3	144.5	YES	3861
23	1.21	814.8	985.9	9.2	7.2	134.0	YES	3857
24	1.18	573.4	676.6	9.4	7.2	131.8	YES	5318
25	1.21	636.2	769.8	9.4	7.0	123.3	YES	4793
26	1.14	609.9	695.3	9.5	7.1	125.8	YES	5484
27	1.10	873.8	961.2	9.8	7.0	118.6	YES	4362
28	1.17	683.8	800.1	9.7	6.9	116.2	YES	4846
29	1.23	741.0	911.5	9.2	7.0	125.2	YES	3863
30	1.20	737.1	884.5	8.9	6.9	122.9	YES	4538
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: Jun-24

Minimum UVT [%] during month: 96% Duty sensor variation from reference sensor: 1.005 %

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	2807	41	y	3.201		-
2	2875	40	y	3.125		-
3	2831	39	y	2.845		-
4	2856	38	y	3.107		-
5	2864	41	y	3.647		-
6	3519	34	y	3.716		-
7	3522	34	y	4.031		-
8	3533	34	y	3.991		-
9	3521	34	y	3.81		-
10	3546	33	y	4.107		-
11	3542	33	y	4.178		-
12	3534	18	y	4.278	0.001	0.02
13	3533	18	y	3.865		-
14	3398	19	y	4.5		-
15	3175	20	y	3.773		-
16	3506	18	y	3.648		-
17	3528	18	y	3.163	0.001	0.03
18	3531	36	y	3.426		-
19	3552	36	y	4.188		-
20	3853	33	y	4.431		-
21	4656	33	y	4.596		-
22	3861	33	y	4.445		-
23	3857	33	y	4.595		-
24	5318	33	y	5.217		-
25	4793	17	y	4.911		-
26	5484	34	y	4.514		-
27	4362	34	y	4.633	0.001	0.02
28	4846	33	y	4.664	0.001	0.02
29	3863	33	y	4.517		-
30	4538	24	y	4.533		-
31						#DIV/0!
Monthly Total Column {A} and Column {B}				121.655	0.004	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0033

Signature: *Nennis Bachman*

Op Cert #: T-08465 Date: 7/9/24

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: Jun-24

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/			
3/ 09:10		ND	
4/ 09:15		1.8	
5/ 09:20		11	
6/ 09:00		ND	
7/			
8/			
9/			
10/ 09:10		2	
11/ 09:10		ND	
12/ 09:00		ND	
13/ 08:40		ND	
14/			
15/			
16/			
17/ 09:15		2	
18/ 09:30		2	
19/ 09:00		ND	
20/ 09:50		ND	
21/			
22/			
23/			
24/ 09:00		4.5	
25/ 09:00		4.5	
26/ 09:05		ND	
26/ 09:30		4.5	
28/			
29/			
30/			
31/			