

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

County: **Baker**
 Month/Year: **Aug-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	0.31	0.28	0.31	0.28	0.28	0.31	0.42
2	0.31	0.31	0.28	0.31	0.35	0.31	0.42
3	0.28	0.35	0.42	0.38	0.35	0.31	0.42
4	0.28	0.35	0.35	0.35	0.31	0.31	0.42
5	0.31	0.35	0.35	0.31	0.28	0.31	0.42
6	0.35	0.35	0.42	0.35	0.35	0.31	0.42
7	0.35	0.31	0.31	0.31	0.28	0.35	0.42
8	0.35	0.35	0.31	0.35	0.31	0.38	0.42
9	0.35	0.31	0.28	0.31	0.31	0.28	0.42
10	0.31	0.31	0.28	0.38	0.31	0.38	0.42
11	0.38	0.28	0.35	0.38	0.35	0.42	0.42
12	0.35	0.35	0.38	0.31	0.35	0.35	0.42
13	0.31	0.38	0.35	0.31	0.35	0.28	0.42
14	0.35	0.35	0.31	0.42	0.42	0.42	0.55
15	0.52	0.45	0.45	0.48	0.79	0.55	1.15
16	0.65	0.65	0.75	0.35	0.35	0.35	0.79
17	0.31	0.42	0.38	0.45	0.38	0.42	0.45
18	0.35	0.45	0.35	0.38	0.31	0.35	0.48
19	0.38	0.38	0.31	0.35	0.28	0.28	0.42
20	0.31	0.38	0.25	0.28	0.31	0.21	0.48
21	0.25	0.28	0.21	0.52	0.79	0.48	1.29
22	0.35	0.35	0.21	0.28	0.25	0.25	0.38
23	0.28	0.21	0.28	0.28	0.25	0.65	1.90
24	0.35	0.31	0.38	0.28	0.35	0.35	0.42
25	0.28	0.31	0.38	0.25	0.21	0.31	0.42
26	0.25	0.18	0.21	0.18	0.28	0.28	0.31
27	0.28	0.25	0.28	0.42	1.12	0.25	1.90
28	0.21	0.28	0.42	0.42	0.31	0.35	0.58
29	0.28	0.35	0.38	0.25	0.38	0.31	0.42
30	0.38	0.35	0.31	0.35	0.31	0.31	0.42
31	0.38	0.35	0.28	0.42	0.31	0.25	0.42

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: *Dennis Bachman* DATE: **9-7-23**

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: Aug-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	1.12	510.4	571.7	10.1	7.1	120.7	YES	5578
2	1.09	566.0	617.0	10.4	7.1	118.0	YES	5607
3	1.08	510.1	550.9	10.2	7.1	119.4	YES	5551
4	1.01	587.6	593.5	10.5	7.4	129.0	YES	5507
5	0.96	678.7	651.6	11.0	7.4	124.1	YES	4997
6	1.01	811.5	819.6	11.0	7.4	124.8	YES	4256
7	1.15	789.5	908.0	11.1	7.4	125.9	YES	4611
8	1.07	998.7	1068.6	11.1	7.1	112.5	YES	3209
9	1.08	914.6	987.8	11.1	7.4	125.0	YES	3504
10	1.13	870.0	983.1	11.0	7.4	126.5	YES	3523
11	1.22	744.2	907.9	10.9	7.4	128.6	YES	4704
12	1.22	812.8	991.6	10.9	7.4	128.6	YES	3522
13	1.21	691.7	837.0	9.7	7.3	134.2	YES	4251
14	1.26	580.8	731.8	9.8	7.1	125.0	YES	4929
15	1.11	592.0	657.2	10.1	7.1	120.6	YES	4993
16	1.03	577.5	594.8	10.8	7.3	122.4	YES	4957
17	1.07	633.7	678.0	11.0	7.3	121.3	YES	4935
18	1.08	585.4	632.2	11.9	7.1	106.9	YES	4890
19	1.06	785.6	832.7	12.1	7.4	116.8	YES	4139
20	1.16	1023.1	1186.8	12.0	7.1	107.2	YES	3543
21	1.01	910.5	919.6	11.6	7.0	104.5	YES	3537
22	0.75	1342.5	1006.9	11.6	7.3	112.6	YES	2480
23	0.75	1270.0	952.5	11.5	7.3	113.3	YES	2450
24	1.23	1624.9	1998.6	11.6	7.3	118.8	YES	2183
25	1.47	1318.3	1937.9	11.8	7.2	116.3	YES	2797
26	1.54	1336.6	2058.3	11.8	7.2	117.2	YES	2491
27	1.57	1227.3	1926.8	11.9	6.9	105.4	YES	2472
28	1.55	819.8	1270.7	10.5	7.2	127.8	YES	3359
29	1.53	1146.0	1753.4	10.5	7.2	127.5	YES	2878
30	1.49	821.4	1223.9	11.5	7.3	123.1	YES	3523
31	1.47	794.8	1168.3	10.3	7.3	132.9	YES	3504

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-23

Minimum UVT [%] during month: 98% Duty sensor variation from reference sensor: 0.956 %

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	5578	40	y	5.199		-
2	5607	48	y	5.37		-
3	5551	44	y	4.753		-
4	55070	39	y	4.02		-
5	4997	38	y	3.914		-
6	4256	37	y	3.872		-
7	4611	27	y	3.271		-
8	3209	39	y	2.918	0.001	0.03
9	3504	36	y	3.287		-
10	3523	36	y	3.443		-
11	4704	36	y	3.711		-
12	3522	36	y	4.118		-
13	4251	33	y	4.529		-
14	4929	35	y	4.81		-
15	4993	37	y	4.927		-
16	4957	38	y	4.965		-
17	4935	56	y	4.499		-
18	4890	55	y	4.03		-
19	4139	52	y	3.625		-
20	3543	53	y	3.063		-
21	3537	52	y	2.731		-
22	2480	35	y	2.354		-
23	2450	34	y	2.253		-
24	2183	40	y	2.341		-
25	2797	32	y	2.453		-
26	2491	36	y	2.457		-
27	2472	36	y	2.72		-
28	3359	26	y	3.014		-
29	2878	43	y	2.882		-
30	3523	35	y	3.1		-
31	3504	34	y	2.955		-
Monthly Total Column {A} and Column {B}				111.584	0.001	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0009

Signature: *Nennis Bahman*

Op Cert #: T-08465

Date: 9-7-23

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Aug-23

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:30		ND	
2/ 09:10		2	
3/			
4/			
5/			
6/			
7/ 09:20		ND	
8/ 09:00		4.5	
9/ 09:05		ND	
10/			
11/			
12/			
13/			
14/ 09:30		ND	
15/ 09:20		ND	
16/ 09:30		2	
17/			
18/			
19/			
20/			
21/ 09:00		ND	
22/ 09:20		ND	
23/ 09:10		ND	
24/			
25/			
26/			
27/			
28/ 10:00		ND	
29/ 09:00		7.8	
30/ 10:00		2	
31/			