

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

County: Baker
 Month/Year: Aug-21

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	0.35	0.52	0.42	0.48	0.35	0.58
2	0.35	0.25	0.38	0.38	0.42	0.42	0.92
3	0.38	0.38	0.38	0.35	0.35	0.38	0.45
4	0.31	0.38	0.42	0.42	0.38	0.35	0.79
5	0.35	0.35	0.42	0.42	0.28	0.25	0.48
6	0.31	0.25	0.38	0.35	0.42	0.38	0.95
7	0.42	0.38	0.45	0.38	0.35	0.38	0.48
8	0.31	0.45	0.42	0.42	0.38	0.35	0.48
9	0.42	0.38	0.38	0.28	0.38	0.28	0.58
10	0.31	0.35	0.35	0.35	0.28	0.35	0.38
11	0.28	0.25	0.38	0.28	0.31	0.35	0.42
12	0.35	0.28	0.31	0.28	0.35	0.31	0.62
13	0.38	0.35	0.31	0.28	0.31	0.31	0.42
14	0.31	0.35	0.35	0.42	0.35	0.31	0.42
15	0.31	0.38	0.38	0.42	0.35	0.38	0.45
16	0.38	0.38	0.35	0.38	0.35	0.38	0.45
17	0.38	0.35	0.31	0.31	0.31	0.31	0.45
18	0.38	0.38	0.31	0.31	0.38	0.38	0.45
19	0.31	0.38	0.42	1.02	0.38	0.28	1.09
20	0.38	0.35	0.28	0.28	0.31	0.35	0.45
21	0.38	0.45	0.42	0.42	0.35	0.38	0.45
22	0.28	0.42	0.31	0.28	0.42	0.35	0.45
23	0.31	0.42	0.38	0.45	0.35	0.31	0.45
24	0.31	0.42	0.31	0.31	0.38	0.38	0.42
25	0.31	0.42	0.42	0.38	0.28	0.38	0.45
26	0.28	0.28	0.35	0.35	0.38	0.35	0.52
27	0.45	0.42	0.48	0.42	0.42	0.42	0.52
28	0.35	0.38	0.35	0.35	0.35	0.35	0.45
29	0.45	0.31	0.42	0.35	0.45	0.38	0.52
30	0.42	0.38	0.35	0.38	0.38	0.38	0.48
31	0.38	0.48	0.38	0.42	0.42	0.38	0.48

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) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
All daily turbidity readings \leq 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl ₂ residual at entry point \geq 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No

Notes:

PRINTED NAME: Dennis Bachman

SIGNATURE: *Dennis Bachman* DATE: 9-9-21

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-21 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	0.78	880.3	686.6	10.4	7.4	126.5	YES	3853
2	0.75	850.5	637.9	11.0	7.4	121.2	YES	3750
3	1.12	1028.7	1152.1	11.1	7.4	125.5	YES	3539
4	1.25	762.4	953.0	10.9	7.4	129.0	YES	4469
5	1.19	1006.0	1197.2	10.4	7.4	132.5	YES	3495
6	1.15	903.6	1039.1	10.7	7.4	129.3	YES	3547
7	1.17	813.1	951.3	10.5	7.4	131.3	YES	3846
8	1.25	764.6	955.8	10.3	7.4	134.3	YES	3866
9	1.80	717.4	1291.4	9.5	7.4	150.7	YES	3860
10	1.65	712.3	1175.3	9.9	7.3	139.3	YES	4019
11	1.33	559.2	743.8	10.6	7.1	119.6	YES	4924
12	1.40	630.6	882.9	10.8	7.4	132.1	YES	5304
13	1.37	651.6	892.7	10.5	7.4	134.3	YES	4250
14	1.30	684.3	889.6	10.4	7.3	129.5	YES	4274
15	1.32	557.2	735.5	10.6	7.4	132.7	YES	5249
16	1.41	776.2	1094.5	10.9	7.4	131.4	YES	4169
17	1.52	690.4	1049.4	11.4	7.4	128.7	YES	4169
18	1.36	734.3	998.7	11.1	7.1	116.1	YES	3856
19	1.28	720.3	922.0	11.4	7.4	125.3	YES	3866
20	1.23	724.2	890.8	10.5	7.4	132.2	YES	3824
21	1.45	1452.7	2106.5	11.0	7.3	126.6	YES	2174
22	1.32	911.4	1203.1	10.9	7.4	130.1	YES	3175
23	1.50	795.4	1193.2	11.3	7.4	129.3	YES	3501
24	1.42	864.9	1228.1	11.9	7.4	123.2	YES	3202
25	1.46	734.1	1071.8	11.9	7.4	123.7	YES	3857
26	1.49	716.1	1067.0	11.8	7.3	120.7	YES	3889
27	1.56	724.7	1130.5	11.6	7.3	123.2	YES	3843
28	1.47	756.3	1111.7	11.4	7.3	123.6	YES	3847
29	1.45	794.8	1152.4	10.4	7.3	131.7	YES	3504
30	1.57	713.0	1119.4	10.5	7.3	132.6	YES	3884
31	1.28	638.6	817.5	10.1	7.4	136.5	YES	4458

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-21

Minimum UVT [%] during month: 92 Duty sensor variation from reference sensor: 0.996 %

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	3853	71	y	3.19		-
2	3750	69	y	3.353		-
3	3539	72	y	3.54		-
4	4469	66	y	3.83		-
5	3495	74	y	2.972		-
6	3547	56	y	3.298		-
7	3846	67	y	3.818		-
8	3866	65	y	3.933		-
9	3860	66	y	3.96		-
10	4019	66	y	4.252		-
11	4924	65	y	4.481	0.001	0.02
12	5304	64	y	4.404		-
13	4250	62	y	4.174		-
14	4274	62	y	4.247	0.005	0.12
15	5249	61	y	4.369		-
16	4169	58	y	4.26		-
17	4169	58	y	3.922		-
18	3856	57	y	3.678		-
19	3866	55	y	3.841		-
20	3824	55	y	3.751		-
21	3174	65	y	3.149	0.001	0.03
22	3175	74	y	3.385		-
23	3501	67	y	3.552		-
24	3202	72	y	3.635		-
25	3857	60	y	3.993		-
26	3889	59	y	3.996		-
27	3843	59	y	3.838		-
28	3847	58	y	3.795		-
29	3504	57	y	3.858		-
30	3884	51	y	3.933		-
31	4458	55	y	3.706		-
Monthly Total Column {A} and Column {B}				118.113	0.007	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0059

Signature: *Dennis Bachman*

Op Cert #: T-08465

Date: 9-9-21

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Aug-21

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/ 09:20		6.8	
3/			
4/ 09:05		17	
5/ 09:00		4.5	
6/			
7/			
8/			
9/ 09:15		7.8	
10/ 09:25		4.5	
11/ 09:15		ND	
12/			
13/			
14/			
15/			
16/ 09:10		ND	
17/ 09:00		4.5	
18/ 09:05		2	
19/			
20/			
21/			
22/			
23/ 09:15		ND	
24/ 09:00		2	
25/ 09:25		2	
26/			
27/			
28/			
29/			
30/ 09:10		ND	
31/ 09:10		ND	