



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

County: **Baker**
 Month/Year: **Sep-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	0.35	0.35	0.35	0.42	0.38	0.35	0.62
2	0.42	0.45	0.38	0.45	0.42	0.31	0.52
3	0.38	0.38	0.31	0.35	0.42	0.35	0.45
4	0.38	0.45	0.42	0.48	0.35	0.31	0.48
5	0.38	0.38	0.31	0.35	0.42	0.38	0.48
6	0.45	0.38	0.42	0.42	0.42	0.45	0.48
7	0.35	0.48	0.45	0.38	0.45	0.38	0.52
8	0.38	0.42	0.42	0.45	0.48	0.45	0.52
9	0.38	0.35	0.45	0.45	0.42	0.42	0.52
10	0.38	0.45	0.42	0.48	0.48	0.48	0.72
11	0.65	0.48	0.45	0.42	0.42	0.42	0.88
12	0.38	0.31	0.31	0.42	0.45	0.42	0.45
13	0.42	0.28	0.38	0.45	0.42	0.38	0.52
14	0.35	0.35	0.45	0.28	0.38	0.38	0.45
15	0.28	0.38	0.38	0.42	0.42	0.38	0.52
16	0.35	0.35	0.35	0.28	0.35	0.38	0.42
17	0.31	0.38	0.25	0.35	0.31	0.31	0.38
18	0.31	0.21	0.45	0.38	0.35	0.52	1.02
19	0.52	0.75	0.38	0.42	0.28	0.25	0.75
20	0.25	0.38	0.35	0.31	0.28	0.28	0.38
21	0.28	0.28	0.25	0.28	0.28	0.31	0.38
22	0.28	0.21	0.31	0.31	0.25	0.28	0.45
23	0.52	0.38	0.42	0.35	0.31	0.25	0.52
24	0.25	0.21	0.45	0.31	0.25	0.25	11.65
25	0.31	0.28	0.28	0.25	0.28	0.25	0.38
26	0.18	0.21	0.31	0.21	0.35	0.31	0.52
27	0.35	0.31	0.28	0.28	0.38	0.25	0.38
28	0.21	0.25	0.21	0.21	0.21	0.35	0.52
29	0.25	0.38	0.25	0.31	0.18	0.21	0.55
30	0.18	0.28	0.25	0.28	0.28	0.38	0.48
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)	All Cl ₂ residual at entry point \geq 0.2 mg/l?
All daily turbidity readings \leq 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: 10-5-21
		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: Sep-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	1.42	724.8	1029.3	10.2	7.4	137.8	YES	3842
2	1.52	746.6	1134.9	9.8	7.4	143.1	YES	3855
3	1.48	725.9	1074.3	9.8	7.4	142.5	YES	3858
4	1.45	821.4	1191.0	10.1	7.1	125.2	YES	3845
5	1.45	784.2	1137.2	10.2	7.2	128.9	YES	3551
6	1.40	869.5	1217.3	10.2	7.4	137.5	YES	3507
7	1.48	910.0	1346.9	10.5	7.4	136.0	YES	3573
8	1.33	706.3	939.3	9.5	7.2	133.1	YES	3855
9	1.28	927.6	1187.4	9.5	7.4	142.1	YES	3522
10	1.41	783.6	1104.9	9.1	7.2	137.9	YES	3534
11	1.33	839.5	1116.6	9.1	7.4	146.7	YES	3836
12	1.28	754.8	966.1	9.1	7.2	135.9	YES	3834
13	1.13	747.0	844.1	9.3	7.4	141.5	YES	3728
14	1.74	784.4	1364.9	9.3	7.4	151.7	YES	3808
15	1.30	983.4	1278.4	9.2	7.1	130.6	YES	2832
16	1.22	1101.8	1344.2	8.9	7.4	146.8	YES	2824
17	1.01	1003.6	1013.6	8.8	7.4	144.3	YES	2837
18	1.10	1297.1	1426.8	8.7	7.5	152.1	YES	2147
19	1.19	1720.5	2047.4	8.9	7.4	146.3	YES	2125
20	0.91	1209.6	1100.7	9.7	7.4	134.4	YES	2804
21	1.03	1577.4	1624.7	9.2	7.4	140.8	YES	2160
22	1.02	1110.9	1133.1	8.8	7.4	144.5	YES	2787
23	1.16	1109.7	1287.3	8.7	7.4	147.8	YES	2818
24	1.20	1071.6	1286.0	8.5	7.4	150.5	YES	2831
25	1.31	1196.8	1567.8	8.2	7.2	144.8	YES	2834
26	1.31	1068.2	1399.4	8.2	7.3	150.0	YES	2840
27	1.33	1210.4	1609.8	8.2	7.3	150.4	YES	2815
28	1.28	1330.6	1703.1	8.2	7.3	149.5	YES	2093
29	1.28	1715.3	2195.6	8.5	7.4	151.8	YES	1814
30	1.29	619.1	798.7	8.5	7.1	136.7	YES	4498
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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: Sep-21

Minimum UVT [%] during month: 93 Duty sensor variation from reference sensor: 1.003 %

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	3842	49	y	3.673		-
2	3855	48	y	3.839		-
3	3858	48	y	3.99		-
4	3845	47	y	3.917		-
5	3551	49	y	3.749		-
6	3507	49	y	4.01		-
7	3573	47	y	3.88	0.001	0.03
8	3855	35	y	4.069		-
9	3522	55	y	3.741		-
10	3534	52	y	3.192		-
11	3836	47	y	2.962		-
12	3834	42	y	2.931		-
13	3728	45	y	3.047		-
14	3808	46	y	2.894		-
15	2832	76	y	3.098		-
16	2824	77	y	2.758		-
17	2837	76	y	2.647		-
18	2147	98	y	2.33		-
19	2125	99	y	2.211		-
20	2804	66	y	2.426		-
21	2160	88	y	2.386		-
22	2787	57	y	2.488		-
23	2818	58	y	2.545		-
24	2831	58	y	2.849		-
25	2834	59	y	2.932		-
26	2840	57	y	2.945		-
27	2815	56	y	2.684	0.016	0.60
28	2093	104	y	2.129		-
29	1814	111	y	2.121		-
30	4498	95	y	2.191		-
31						#DIV/0!
Monthly Total Column {A} and Column {B}				90.634	0.017	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0188

Signature: *Aennis Buchman*

Op Cert #: T-08465

Date: 10-5-21

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Sep-21

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:15		6.8	
2/			
3/			
4/			
5/			
6/			
7/ 09:15		ND	
8/ 09:30		4.5	
9/ 09:30		ND	
10/			
11/			
12/			
13/ 09:15		2	
14/ 09:05		13	
15/ 09:15		ND	
16/			
17/			
18/			
19/			
20/ 09:05		2	
21/			
22/ 09:15		170	
23/ 09:40		130	
24/			
25/			
26/			
27/ 09:05		4.5	
28/ 09:30		ND	
29/ 09:00		ND	
30/			
31/			