

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

County: Baker
 Month/Year: Apr-22

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	0.42	0.88	0.25	0.35	0.28	0.35	1.42
2	0.25	0.25	0.31	0.35	0.21	0.25	0.38
3	0.25	0.35	0.21	0.31	0.31	0.31	0.38
4	0.28	0.21	0.28	0.25	0.28	0.25	0.38
5	0.35	0.25	0.28	0.25	0.25	0.25	0.35
6	0.28	0.35	0.25	0.25	0.31	0.28	0.35
7	0.28	0.21	0.25	0.25	0.31	0.28	0.35
8	0.21	0.25	0.25	0.25	0.21	0.28	0.35
9	0.38	0.31	0.31	0.31	0.25	0.28	0.35
10	0.31	0.28	0.31	0.25	0.35	0.25	0.35
11	0.25	0.28	0.35	0.28	0.25	0.21	0.35
12	0.21	0.25	0.28	0.21	0.25	0.28	0.95
13	0.25	0.21	0.31	0.18	0.18	0.28	0.35
14	0.28	0.28	0.25	0.31	0.25	0.28	0.35
15	0.18	0.28	0.28	0.21	0.52	0.28	0.72
16	0.35	0.31	0.31	0.31	0.28	0.31	0.38
17	0.25	0.28	0.31	0.35	0.35	0.25	0.35
18	0.25	0.21	0.28	0.28	0.28	0.35	0.42
19	0.18	0.25	0.21	0.25	0.31	0.18	0.35
20	0.28	0.25	0.18	0.28	0.25	0.31	0.31
21	0.28	0.25	0.28	0.28	0.25	0.25	0.35
22	0.28	0.28	0.28	0.28	0.31	0.25	0.35
23	0.25	0.25	0.25	0.28	0.25	0.25	0.35
24	0.21	0.25	0.25	0.21	0.21	0.18	0.35
25	0.21	0.21	0.25	0.21	0.35	0.28	1.09
26	0.31	0.28	0.31	0.31	0.31	0.21	0.35
27	0.25	0.28	0.31	0.31	0.28	0.25	0.35
28	0.25	0.28	0.31	0.21	0.31	0.28	0.35
29	0.25	0.28	0.21	0.21	0.38	0.31	1.32
30	0.21	0.25	0.31	0.35	0.42	0.42	1.73
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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?	Yes/No	Yes/No	Yes/No
Notes:		PRINTED NAME: Dennis Bachman	
		SIGNATURE: <i>Dennis Bachman</i>	DATE: 5/5/22
		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: Apr-22 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	1.19	1861.8	2215.5	4.4	7.2	184.4	YES	1571
2	1.24	2757.1	3418.8	4.5	7.2	184.2	YES	1106
3	1.40	2967.4	4154.4	4.4	7.2	189.0	YES	1101
4	1.54	3108.8	4787.5	4.4	7.2	192.1	YES	1116
5	1.58	3561.6	5627.4	4.3	7.2	194.3	YES	1044
6	1.54	3365.4	5182.6	4.3	7.2	193.4	YES	1128
7	1.47	3375.5	4962.0	4.3	7.2	191.8	YES	1120
8	1.44	2470.3	3557.2	4.2	7.2	192.5	YES	1543
9	1.42	3497.3	4966.1	4.1	7.2	193.3	YES	1081
10	1.44	1835.3	2642.8	4.1	7.2	193.8	YES	1848
11	1.40	1776.8	2487.5	4.3	7.2	190.3	YES	1760
12	1.40	3390.8	4747.1	4.2	7.2	191.6	YES	936
13	1.48	3200.1	4736.1	3.9	7.2	197.4	YES	1055
14	1.53	3183.9	4871.3	3.8	7.2	199.9	YES	1119
15	1.57	4209.1	6608.4	3.7	7.2	202.2	YES	876
16	1.53	3647.7	5581.1	3.7	7.2	201.2	YES	1062
17	1.61	3610.6	5813.1	3.7	7.2	203.1	YES	1060
18	1.60	3392.4	5427.9	3.8	7.2	201.5	YES	1119
19	1.58	3304.3	5220.8	3.8	7.2	201.0	YES	1130
20	1.56	3366.9	5252.4	3.9	7.2	199.2	YES	1109
21	1.56	4287.6	6688.7	4.0	7.1	190.8	YES	889
22	1.56	3631.2	5664.6	4.1	7.2	196.5	YES	1054
23	1.54	3881.3	5977.2	4.2	7.2	194.7	YES	954
24	1.50	3231.9	4847.8	4.3	7.2	192.5	YES	1112
25	1.48	2034.6	3011.2	4.3	7.3	199.2	YES	1774
26	1.47	865.7	1272.6	4.4	7.3	197.6	YES	4277
27	1.46	2961.7	4324.0	4.5	7.3	196.0	YES	1287
28	1.37	2004.4	2746.0	4.7	7.3	191.3	YES	1793
29	1.18	2615.2	3085.9	4.8	7.3	185.9	YES	1285
30	1.09	3144.2	3427.2	4.9	7.3	182.7	YES	1049
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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: Apr-22

Minimum UVT [%] during month: 92 Duty sensor variation from reference sensor: 0.987 %

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	1571	56	y	1.483		-
2	1106	113	y	1.226		-
3	1101	121	y	1.253		-
4	1116	128	y	1.2		-
5	1044	142	y	1.198		-
6	1128	130	y	1.253		-
7	1120	131	y	1.291		-
8	1543	162	y	1.248		-
9	1081	206	y	1.234		-
10	1848	73	y	1.874		-
11	1760	76	y	1.668		-
12	936	145	y	1.189		-
13	1055	132	y	1.186		-
14	1119	125	y	1.264		-
15	876	132	y	1.175		-
16	1062	191	y	1.171		-
17	1060	150	y	1.201		-
18	1119	143	y	1.208		-
19	1130	141	y	1.301		-
20	1109	183	y	1.184		-
21	889	214	y	1.192		-
22	1054	184	y	1.191		-
23	954	202	y	1.248		-
24	1112	172	y	1.327		-
25	1774	106	y	1.414		-
26	4277	132	y	0.235		-
27	1287	153	y	1.503		-
28	1793	202	y	1.554		-
29	1285	143	y	1.361		-
30	1049	142	y	1.18		-
31				1.18		-
Monthly Total Column {A} and Column {B}				39.192	0	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						

Signature: *Dennis Buchman*

Op Cert #: T-08465 Date: 5/5/22

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: Apr-22

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/			
3/			
4/ 09:20		ND	
5/ 09:15		ND	
6/ 09:25		ND	
7/			
8/			
9/			
10/			
11/ 09:00		ND	
12/ 09:15			4
13/ 09:10		ND	
14/			
15/			
16/			
17/			
18/ 09:10		ND	
19/ 09:10			6.8
20/ 09:20		ND	
21/			
22/			
23/			
24/			
25/ 08:55		ND	
26/ 09:10			1.8
27/ 09:20		ND	
28/			
29/			
30/			
31/			