

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

County: **Baker**
 Month/Year: **Jul-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	0.38	0.45	0.38	0.52	0.52	0.45	1.96
2	0.42	0.45	0.42	0.45	0.45	0.38	0.68
3	0.31	0.38	0.38	0.38	0.45	0.42	0.48
4	0.38	0.42	0.42	0.35	0.38	0.45	0.48
5	0.38	0.38	0.38	0.35	0.38	0.38	0.45
6	0.38	0.28	0.35	0.28	0.38	0.28	0.42
7	0.28	0.38	0.38	0.48	0.42	0.48	0.58
8	0.42	0.38	0.42	0.35	0.38	0.45	0.52
9	0.45	0.38	0.38	0.42	0.31	0.28	0.45
10	0.31	0.35	0.28	0.38	0.31	0.31	0.42
11	0.35	0.38	0.38	0.42	0.31	0.31	0.52
12	0.31	0.31	0.45	0.48	0.31	0.35	0.52
13	0.28	0.35	0.28	0.35	0.28	0.31	0.42
14	0.35	0.28	0.35	0.42	0.35	0.42	0.48
15	0.38	0.48	0.45	0.55	0.42	0.45	0.88
16	0.38	0.42	0.48	0.42	0.38	0.38	0.48
17	0.35	0.38	0.31	0.42	0.35	0.38	0.45
18	0.38	0.35	0.35	0.42	0.42	0.38	0.45
19	0.35	0.45	0.48	0.42	0.42	0.35	0.48
20	0.28	0.31	0.31	0.31	0.45	0.38	0.45
21	0.31	0.38	0.45	0.42	0.42	0.35	0.52
22	0.35	0.35	0.35	0.38	0.35	0.31	0.42
23	0.31	0.28	0.45	0.45	0.38	0.28	0.52
24	0.35	0.28	0.31	0.35	0.28	0.25	0.38
25	0.35	0.25	0.35	0.42	0.38	0.35	0.55
26	0.45	0.35	0.45	0.38	0.38	0.38	0.45
27	0.35	0.31	0.38	0.35	0.42	0.28	0.45
28	0.35	0.45	0.45	0.45	0.42	0.35	0.52
29	0.35	0.38	0.42	0.38	0.52	0.48	0.52
30	0.35	0.28	0.35	0.38	0.31	0.25	0.42
31	0.42	0.45	0.42	0.38	0.38	0.35	0.52

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?	<u>Yes</u> / No	<u>Yes</u> / No	<u>Yes</u> / No
Notes:	PRINTED NAME: Dennis Bachman		
	SIGNATURE: <i>Dennis Bachman</i>		DATE: <i>8/2/22</i>
	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: Jul-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	1.22	733.0	894.3	7.7	7.3	153.5	YES	4818
2	1.22	959.7	1170.8	8.5	7.3	145.5	YES	3907
3	1.23	908.1	1116.9	9.4	7.4	142.2	YES	3872
4	1.23	883.1	1086.2	9.6	7.4	140.3	YES	3876
5	1.23	915.4	1126.0	9.5	7.4	141.2	YES	3824
6	1.25	752.5	940.7	9.5	7.1	127.4	YES	3866
7	1.24	607.3	753.0	8.5	7.3	145.9	YES	4714
8	1.25	744.1	930.1	8.8	7.3	143.1	YES	4767
9	1.23	965.3	1187.3	9.6	7.4	140.3	YES	3852
10	1.24	796.8	988.0	9.8	7.4	138.6	YES	3866
11	1.21	611.7	740.2	9.1	7.4	144.7	YES	4527
12	1.25	575.2	718.9	8.8	7.3	143.1	YES	4896
13	1.22	882.2	1076.3	9.2	7.2	134.1	YES	3862
14	1.17	558.5	653.4	10.1	7.4	134.8	YES	5070
15	1.10	518.0	569.8	9.0	7.4	143.9	YES	5466
16	1.11	766.2	850.5	9.5	7.3	134.5	YES	4406
17	1.12	603.7	676.1	10.4	7.4	131.4	YES	5515
18	1.13	587.9	664.4	10.6	7.1	117.0	YES	4922
19	1.10	564.4	620.9	8.9	7.4	144.8	YES	4934
20	1.09	636.2	693.4	9.0	7.1	129.3	YES	4891
21	1.07	497.9	532.7	9.2	7.1	127.3	YES	5562
22	1.08	530.4	572.8	9.2	7.1	127.4	YES	5603
23	1.07	578.2	618.7	9.1	7.3	137.5	YES	4897
24	1.10	624.3	686.8	9.2	7.3	137.0	YES	4909
25	1.07	494.6	529.2	9.3	7.1	126.5	YES	5599
26	1.09	529.0	576.6	9.7	7.3	132.4	YES	5559
27	1.08	496.6	536.3	10.6	7.3	124.7	YES	5765
28	1.05	486.2	510.5	9.7	7.3	131.8	YES	5632
29	1.05	400.6	420.6	10.0	7.1	120.5	YES	7107
30	1.06	540.8	573.3	10.0	7.3	129.4	YES	5293
31	1.04	496.0	515.8	9.9	7.3	130.0	YES	5803

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: Jul-22

Minimum UVT [%] during month: 94 Duty sensor variation from reference sensor: 0.959 %

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	4818	32	y	4.863		-
2	3907	32	y	4.514		-
3	3872	33	y	4.206		-
4	3876	32	y	4.109		-
5	3824	33	y	4.351		-
6	3866	36	y	4.601		-
7	4714	36	y	4.881		-
8	4767	36	y	4.781		-
9	3852	36	y	4.683		-
10	3866	35	y	4.6		-
11	4527	34	y	5.08		-
12	4896	35	y	5.068	0.002	0.04
13	3862	46	y	4.897		-
14	5070	46	y	5.296		-
15	5466	33	y	5.27		-
16	4406	33	y	4.997		-
17	5515	32	y	5.031		-
18	4922	32	y	5.281		-
19	4934	32	y	5.203		-
20	4891	31	y	5.217		-
21	5562	34	y	5.55	0.002	0.04
22	5603	34	y	5.506		-
23	4897	33	y	5.161		-
24	4909	33	y	5.244		-
25	5599	33	y	5.633		-
26	5559	32	y	5.587		-
27	5765	32	y	5.455	0.001	0.02
28	5632	31	y	5.72		-
29	7107	31	y	5.872		-
30	5293	31	y	5.761		-
31	5803	42	y	5.692	0.001	0.02
Monthly Total Column {A} and Column {B}				158.11	0.006	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0038

Signature: *Aennis Buchanan*

Op Cert #: T-08465

Date: 08/02/2022

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Jul-22

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/			
3/			
4/			
5/ 09:20		4.5	
6/ 09:25		4.5	
7/ 09:25		2	
8/			
9/			
10/			
11/ 09:20		11	
12/ 09:30		4.5	
13/ 09:10		4	
14/			
15/			
16/			
17/			
18/ 09:15		2	
19/ 09:30		33	
20/ 09:30		11	
21/			
22/			
23/			
24/			
25/ 09:10		4.5	
26/ 09:10		4	
27/ 09:00		4.5	
28/			
29/			
30/			
31/			