

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

County: **Baker**
 Month/Year: **Jun-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	0.31	0.38	0.38	0.42	0.45	0.45	0.52
2	0.42	0.35	0.42	0.38	0.38	0.42	0.52
3	0.45	0.52	0.52	0.45	0.48	0.55	0.58
4	0.52	0.55	0.58	0.52	0.62	0.58	0.72
5	0.52	0.58	0.55	0.52	0.55	0.48	0.62
6	0.48	0.45	0.38	0.35	0.38	0.45	0.52
7	0.42	0.38	0.42	0.35	0.38	0.42	0.62
8	0.38	0.38	0.31	0.31	0.42	0.62	0.75
9	0.38	0.45	0.38	0.38	0.42	0.28	0.52
10	0.42	0.31	0.38	0.31	0.28	0.38	0.42
11	0.28	0.28	0.31	0.35	0.31	0.28	0.38
12	0.31	0.35	0.35	0.31	0.31	0.31	0.38
13	0.25	0.25	0.35	0.28	0.38	0.45	0.65
14	0.42	0.38	0.42	0.38	0.42	0.28	0.65
15	0.38	0.25	0.38	0.38	0.28	0.28	0.45
16	0.38	0.25	0.25	0.35	0.25	0.35	0.38
17	0.25	0.31	0.31	0.21	0.68	0.45	0.85
18	0.31	0.28	0.31	0.38	0.45	0.45	0.55
19	0.42	0.45	0.35	0.35	0.28	0.31	0.45
20	0.31	0.28	0.31	0.31	0.28	0.35	0.38
21	0.31	0.31	0.28	0.35	0.38	0.25	0.38
22	0.28	0.35	0.35	0.31	0.28	0.28	0.38
23	0.35	0.35	0.35	0.35	0.35	0.31	0.38
24	0.28	0.28	0.31	0.28	0.28	0.28	0.38
25	0.25	0.25	0.28	0.31	0.38	0.31	0.62
26	0.35	0.35	0.25	0.28	0.31	0.31	0.38
27	0.28	0.31	0.28	0.25	0.28	0.31	0.38
28	0.28	0.28	0.35	0.35	0.35	0.35	0.38
29	0.25	0.28	0.31	0.28	0.31	0.31	0.42
30	0.31	0.35	0.31	0.28	0.25	0.31	0.48
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Unfiltered	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ² N/A	CT's met everyday? (see Page 2) (Yes) / No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? (Yes) / No
All daily turbidity readings ≤ 5 NTU? (Yes) / No		

Notes:

PRINTED NAME: **Dennis Bachman**

SIGNATURE: *Dennis Bachman* DATE: **7-9-21**

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: Jun-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	1.30	983.1	1278.0	6.8	7.3	164.6	YES	3181
2	1.15	950.6	1093.1	6.8	7.2	156.1	YES	3879
3	1.08	991.7	1071.0	6.8	7.2	154.8	YES	3577
4	1.00	901.7	901.7	6.8	7.2	153.4	YES	3865
5	0.98	1023.4	1003.0	6.9	7.2	152.1	YES	3542
6	1.11	1168.8	1297.3	6.9	7.3	160.0	YES	3208
7	1.24	1029.1	1276.1	6.8	7.3	163.5	YES	3220
8	1.20	822.1	986.5	6.8	7.3	162.7	YES	3520
9	1.23	864.3	1063.1	6.9	7.3	162.2	YES	3546
10	1.25	914.1	1142.7	6.9	7.3	162.6	YES	3506
11	1.28	1082.5	1385.6	6.9	7.2	157.4	YES	3205
12	1.35	971.0	1310.8	6.9	7.2	158.7	YES	3541
13	1.35	874.8	1181.0	6.8	7.2	159.7	YES	3539
14	1.29	741.8	956.9	6.8	7.2	158.6	YES	3880
15	1.73	802.6	1388.5	6.9	7.3	171.8	YES	3586
16	1.12	1060.3	1187.5	6.9	7.3	160.1	YES	3551
17	1.67	994.5	1660.9	6.9	7.3	170.6	YES	3551
18	1.58	750.9	1186.5	7.1	7.3	166.6	YES	4268
19	1.50	831.5	1247.3	7.4	7.3	161.8	YES	3873
20	1.10	982.2	1080.5	7.3	7.3	155.5	YES	3548
21	1.40	830.7	1163.0	7.3	7.3	161.0	YES	4270
22	1.35	626.9	846.3	7.4	7.3	159.0	YES	5286
23	1.42	927.9	1317.7	7.7	7.3	157.1	YES	3873
24	1.51	882.7	1332.8	7.4	7.3	162.0	YES	3913
25	1.09	731.9	797.7	7.3	7.3	155.4	YES	4209
26	1.04	926.2	963.2	7.9	7.3	148.4	YES	3830
27	1.02	915.6	934.0	7.5	7.3	152.1	YES	3874
28	0.94	705.3	663.0	7.7	7.3	148.7	YES	4522
29	0.92	589.9	542.7	7.7	7.4	153.7	YES	4958
30	0.89	550.8	490.2	7.8	7.4	152.2	YES	5141
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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: Jun-21

Minimum UVT [%] during month: 93 Duty sensor variation from reference sensor: 1.028 %

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	3181	58	y	3.94		-
2	3879	49	y	4.531	0.004	0.09
3	3577	53	y	4.692	0.01	0.21
4	3865	66	y	4.649		-
5	3542	71	y	4.261		-
6	3208	79	y	3.793		-
7	3220	83	y	4.237		-
8	3520	76	y	4.161		-
9	3546	77	y	4.189		-
10	3506	77	y	3.862		-
11	3205	65	y	3.879		-
12	3541	59	y	4.208		-
13	3539	59	y	4.483		-
14	3880	53	y	4.844		-
15	3586	90	y	3.652	0.001	0.03
16	3551	56	y	4.132		-
17	3551	58	y	4.582		-
18	4268	53	y	4.821		-
19	3873	53	y	4.78		-
20	3548	56	y	4.54		-
21	4270	51	y	5.017		-
22	5286	56	y	4.96	0.001	0.02
23	3873	51	y	4.423		-
24	3913	50	y	4.562		-
25	4209	50	y	4.73		-
26	3830	52	y	4.673		-
27	3874	50	y	4.547		-
28	4522	50	y	4.932		-
29	4958	79	y	5.1		-
30	5141	78	y	5.426		-
31						#DIV/0!
Monthly Total Column {A} and Column {B}				134.606	0.016	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0119

Signature: *Nennis Luchman*

Op Cert #: T-08465

Date: 7-9-21

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: Jun-21

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:00		ND	
2/ 09:30		4	
3/ 09:03		2	
4/			
5/			
6/			
7/ 09:15		ND	
8/ 09:10		ND	
9/ 09:00		ND	
10/			
11/			
12/			
13/			
14/ 09:10		2	
15/ 09:15		ND	
16/ 09:05		2	
17/			
18/			
19/			
20/			
21/ 09:15		ND	
22/ 10:00		2	
23/ 09:10		2	
24/			
25/			
26/			
27/			
28/ 09:30		11	
29/ 09:00		ND	
30/ 09:15		4.5	
31/			