

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

County: Baker
 Month/Year: Jan-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	0.11	0.11	0.11	0.11	0.11	0.11	0.18
2	0.11	0.11	0.11	0.11	0.11	0.11	0.18
3	0.11	0.11	0.11	0.11	0.11	0.11	0.18
4	0.11	0.11	0.11	0.11	0.11	0.11	0.19
5	0.11	0.11	0.11	0.11	0.11	0.11	0.21
6	0.11	0.11	0.11	0.11	0.11	0.11	0.21
7	0.11	0.11	0.11	0.11	0.11	0.11	0.18
8	0.11	0.11	0.11	0.11	0.11	0.11	0.19
9	0.11	0.11	0.11	0.11	0.11	0.11	0.20
10	0.11	0.11	0.11	0.11	0.11	0.11	0.20
11	0.11	0.11	0.11	0.11	0.11	0.11	0.33
12	0.11	0.11	0.11	0.11	0.11	0.11	0.30
13	0.11	0.11	0.11	0.11	0.11	0.11	0.19
14	0.11	0.11	0.11	0.11	0.11	0.11	0.22
15	0.11	0.11	0.11	0.11	0.11	0.11	0.48
16	0.11	0.11	0.11	0.11	0.11	0.11	0.29
17	0.11	0.11	0.11	0.11	0.11	0.11	0.26
18	0.11	0.11	0.11	0.11	0.11	0.11	0.24
19	0.11	0.11	0.11	0.11	0.11	0.11	0.28
20	0.11	0.11	0.11	0.11	0.11	0.11	0.37
21	0.11	0.11	0.11	0.15	0.15	0.21	0.28
22	0.18	0.18	0.18	0.18	0.18	0.25	0.25
23	0.25	0.15	0.21	0.18	0.18	0.25	0.25
24	0.15	0.25	0.21	0.11	0.11	0.21	0.25
25	0.18	0.15	0.18	0.18	0.21	0.21	0.25
26	0.18	0.21	0.11	0.18	0.18	0.15	0.28
27	0.18	0.11	0.15	0.18	0.15	0.11	0.31
28	0.18	0.11	0.25	0.21	0.25	0.15	0.25
29	0.18	0.21	0.18	0.21	0.15	0.11	0.28
30	0.18	0.21	0.25	0.11	0.21	0.25	0.25
31	0.25	0.21	0.15	0.18	0.18	0.11	0.25

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: 2/8/20
	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: Jan-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	0.92	4034.7	3712.0	2.2	7.4	223.4	YES	937
2	0.92	3959.3	3642.5	2.3	7.4	221.9	YES	947
3	0.92	3509.3	3228.5	2.4	7.4	220.3	YES	1064
4	0.92	4080.5	3754.0	2.4	7.4	220.3	YES	896
5	0.86	3910.3	3362.8	2.3	7.4	220.3	YES	935
6	0.79	4055.6	3203.9	2.4	7.3	209.2	YES	913
7	0.88	4088.0	3597.4	2.5	7.4	217.8	YES	921
8	0.88	4079.9	3590.3	2.4	7.4	219.3	YES	919
9	1.01	3995.7	4035.7	2.4	7.4	222.7	YES	915
10	1.04	3818.6	3971.3	2.4	7.4	223.5	YES	933
11	0.71	3898.0	2767.6	2.4	7.4	215.0	YES	914
12	0.68	3835.5	2608.1	2.4	7.4	214.2	YES	937
13	0.70	3843.1	2690.2	2.3	7.4	216.2	YES	923
14	0.68	3621.7	2462.7	2.5	7.4	212.7	YES	915
15	0.67	3485.4	2335.2	2.4	7.4	213.9	YES	924
16	0.60	3461.0	2076.6	2.3	7.4	213.7	YES	935
17	0.63	3853.9	2428.0	2.3	7.4	214.4	YES	876
18	0.68	3876.7	2636.1	2.2	7.4	217.2	YES	911
19	0.71	1872.0	1329.1	2.2	7.4	217.9	YES	1953
20	0.85	1891.8	1608.0	2.1	7.4	223.1	YES	1801
21	0.91	1724.9	1569.6	2.0	7.4	226.2	YES	1831
22	0.94	1586.3	1491.1	2.0	7.4	227.0	YES	1834
23	0.88	1736.0	1527.7	1.9	7.4	227.0	YES	1640
24	0.85	1978.2	1681.5	1.9	7.4	226.2	YES	1628
25	1.59	2018.8	3209.9	1.7	7.4	250.3	YES	1811
26	1.57	1881.9	2954.5	1.7	7.5	259.1	YES	1794
27	1.33	1587.7	2111.6	1.6	7.4	244.4	YES	1950
28	1.33	643.6	856.0	1.6	7.4	244.4	YES	4327
29	1.15	1963.2	2257.7	1.7	7.2	220.8	YES	1577
30	1.08	1972.6	2130.4	1.9	7.5	241.1	YES	1814
31	1.10	1802.7	1983.0	2.0	7.5	240.0	YES	1821

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: January 2021

Minimum UVT [%] during month: 92 Duty sensor variation from reference sensor: 1.011 %

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	937	230	y	1.081		-
2	947	220	y	1.113	0.001	0.09
3	1064	279	y	1.11		-
4	896	364	y	1.151		-
5	935	349	y	1.143		-
6	913	354	y	1.158		-
7	921	349	y	1.133		-
8	919	349	y	1.117		-
9	915	348	y	1.109		-
10	933	418	y	1.106		-
11	914	238	y	1.133		-
12	937	238	y	1.132		-
13	923	222	y	1.142		-
14	915	233	y	1.143		-
15	924	210	y	1.151		-
16	935	209	y	1.128		-
17	876	262	y	1.108		-
18	911	314	y	1.129		-
19	1953	157	y	1.753	0.005	0.29
20	1801	157	y	2.399		-
21	1831	156	y	2.416		-
22	1834	160	y	2.412		-
23	1640	128	y	1.741		-
24	1628	179	y	1.383		-
25	1811	163	y	2.274		-
26	1794	166	y	2.397		-
27	1950	153	y	2.412		-
28	4327	170	y	2.081		-
29	1577	133	y	1.146		-
30	1814	121	y	2.367		-
31	1821	121	y	2.378		-

Monthly Total Column {A} and Column {B}

47.446

0.006

Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]

0.0126

Signature: *Hennie Bachman*

Op Cert #: T-08465

Date: 2/8/21

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Jan-21

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