

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

County: **Baker**
 Month/Year: **May-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	0.52	0.52	0.52	0.45	0.52	0.55	0.58
2	0.55	0.52	0.48	0.52	0.48	0.52	0.58
3	0.48	0.52	0.55	0.45	0.55	0.45	0.58
4	0.52	0.52	0.45	0.58	0.52	0.55	0.62
5	0.48	0.45	0.55	0.38	0.38	0.42	1.59
6	0.42	0.35	0.35	0.58	1.26	0.62	4.75
7	0.68	0.58	0.68	0.65	0.68	0.65	0.79
8	0.62	0.58	0.52	0.48	0.45	0.48	0.65
9	0.48	0.38	0.42	0.42	0.38	0.42	0.52
10	0.45	0.35	0.38	0.31	0.35	0.35	0.52
11	0.28	0.31	0.31	0.35	0.35	0.38	0.42
12	0.38	0.31	0.31	0.31	0.31	0.38	0.72
13	0.35	0.38	0.38	0.35	0.31	0.38	0.52
14	0.38	0.35	0.48	0.62	0.82	0.75	4.55
15	0.65	0.58	0.65	0.58	0.62	0.75	0.79
16	0.48	0.45	0.45	0.45	0.48	0.52	0.68
17	0.58	0.58	0.55	0.52	0.52	0.68	0.79
18	0.65	0.65	0.68	0.65	0.68	0.65	0.79
19	0.65	0.55	1.22	0.58	0.48	0.55	3.61
20	0.55	0.48	0.68	0.62	0.55	0.55	0.65
21	0.62	0.55	0.62	0.55	0.58	0.58	0.68
22	0.52	0.52	0.48	0.52	0.62	0.65	0.72
23	0.55	0.58	0.55	0.52	0.55	0.62	0.65
24	0.55	0.55	0.28	0.31	0.38	0.31	0.65
25	0.25	0.25	0.31	0.35	0.28	0.31	0.55
26	0.42	0.38	0.38	0.48	0.35	0.35	0.68
27	0.42	0.35	0.45	0.35	0.38	0.31	0.62
28	0.38	0.28	0.38	0.28	0.31	0.35	0.38
29	0.31	0.38	0.28	0.35	0.45	0.38	0.55
30	0.48	0.31	0.35	0.31	0.45	1.15	1.26
31	0.38	0.42	0.42	0.38	0.55	0.48	0.92

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: 6-10-21
	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: May-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	1.29	1584.9	2044.5	6.0	7.2	167.4	YES	2140
2	0.85	1653.2	1405.3	5.8	7.2	161.3	YES	2155
3	0.95	1353.9	1286.2	5.7	7.2	164.2	YES	2505
4	1.38	1257.1	1734.8	5.9	7.2	170.3	YES	2438
5	1.12	982.0	1099.8	5.9	7.2	165.3	YES	2836
6	1.10	1039.1	1143.0	6.0	7.2	163.8	YES	2695
7	1.18	896.7	1058.1	6.0	7.2	165.3	YES	3175
8	1.10	1085.3	1193.8	6.0	7.2	163.8	YES	2781
9	1.08	1597.3	1725.1	6.0	7.1	157.6	YES	2172
10	1.10	1482.3	1630.5	6.0	7.2	163.8	YES	2498
11	1.25	1131.1	1413.8	6.0	7.2	166.6	YES	2806
12	1.22	1067.8	1302.7	6.0	7.2	166.0	YES	2812
13	1.35	861.9	1163.5	6.1	7.2	167.4	YES	3502
14	1.42	870.2	1235.7	6.1	7.2	168.8	YES	3540
15	2.15	921.4	1981.0	6.1	7.2	183.7	YES	3529
16	1.53	1031.1	1577.6	6.1	7.1	164.9	YES	3576
17	1.40	919.3	1287.0	6.2	7.1	161.4	YES	3537
18	1.45	877.2	1271.9	6.3	7.2	167.1	YES	3494
19	1.37	1025.4	1404.8	6.2	7.2	166.7	YES	3429
20	1.55	1105.1	1713.0	6.3	7.2	169.0	YES	2900
21	1.51	895.2	1351.8	6.3	7.2	168.3	YES	3163
22	1.60	1234.0	1974.3	6.3	7.3	176.3	YES	2509
23	1.70	2032.3	3454.9	6.3	7.3	178.3	YES	1799
24	1.67	1361.4	2273.5	6.4	7.3	176.5	YES	2537
25	1.40	1393.6	1951.1	6.5	7.3	169.9	YES	2523
26	1.36	717.0	975.1	6.5	7.3	169.1	YES	4991
27	1.37	1641.9	2249.4	6.5	7.3	169.3	YES	2132
28	1.45	1523.0	2208.4	6.6	7.3	169.8	YES	2186
29	1.66	1187.6	1971.5	6.8	7.3	171.6	YES	2489
30	1.48	888.3	1314.7	6.9	7.3	166.9	YES	3100
31	1.30	826.4	1074.4	6.8	7.3	164.6	YES	3445

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: May-21

Minimum UVT [%] during month: 84 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]	[^m W/cm ²]	[Y or N]	[mgd]	[mgd]	(Daily Sum {B}) ÷ (Daily Sum {A}) * 100 [%]
1	2140	84	y	2.546		-
2	2155	75	y	2.486		-
3	2505	67	y	2.991		-
4	2438	77	y	2.817		-
5	2836	74	y	3.006		-
6	2695	70	y	2.866		-
7	3175	74	y	3.099		-
8	2781	74	y	2.973		-
9	2172	99	y	2.563		-
10	2498	65	y	3.039		-
11	2806	90	y	3.316		-
12	2812	69	y	3.392		-
13	3502	103	y	3.604		-
14	3540	53	y	3.976		-
15	3529	52	y	3.668		-
16	3576	47	y	3.632		-
17	3537	50	y	4.08		-
18	3494	52	y	3.563		-
19	3429	54	y	3.284	0.002	0.06
20	2900	66	y	2.955		-
21	3163	99	y	2.748		-
22	2509	131	y	2.392		-
23	1799	121	y	2.272		-
24	2537	128	y	2.727		-
25	2523	128	y	2.241		-
26	4991	159	y	2.043		-
27	2132	150	y	2.308		-
28	2186	130	y	2.539		-
29	2489	115	y	3.024		-
30	3100	115	y	3.463		-
31	3445	58	y	3.934		-
Monthly Total Column {A} and Column {B}				93.547	0.002	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0021

Signature: *Dennis Bachman*

Op Cert #: T-08465 Date: 6-10-21

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

May-21

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