

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

County: **Baker**
 Month/Year: **Jan-23**

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	0.28	0.31	0.31	0.31	0.31	0.31	0.31
2	0.31	0.31	0.31	0.31	0.31	0.31	0.31
3	0.31	0.31	0.31	0.28	0.31	0.31	0.35
4	0.25	0.28	0.45	0.31	0.35	0.28	1.42
5	0.28	0.25	0.42	0.31	0.28	0.28	1.73
6	0.21	0.28	0.28	0.28	0.99	0.52	3.68
7	0.38	0.35	0.25	0.28	0.31	0.28	0.42
8	0.21	0.25	0.28	0.25	0.25	0.28	0.31
9	0.28	0.28	0.38	0.25	0.28	0.21	0.92
10	0.25	0.21	0.25	0.21	0.25	0.25	0.31
11	0.28	0.18	0.25	0.25	0.18	0.25	0.31
12	0.18	0.25	1.15	0.31	0.35	0.31	1.73
13	0.31	0.31	0.31	0.28	0.28	0.31	0.38
14	0.28	0.28	0.25	0.28	0.31	0.28	0.38
15	0.35	0.28	0.28	0.31	0.31	0.31	0.38
16	0.28	0.28	0.31	0.31	0.31	0.25	0.38
17	0.31	0.28	0.35	0.31	0.31	0.31	0.38
18	0.28	0.31	0.28	0.38	0.79	0.45	0.85
19	0.38	0.38	0.38	0.42	0.38	0.38	0.48
20	0.68	0.31	0.35	0.38	0.35	0.35	0.42
21	0.35	0.31	0.35	0.28	0.31	0.31	0.42
22	0.37	0.31	0.28	0.31	0.31	0.35	0.38
23	0.28	0.31	0.31	0.31	0.35	0.38	0.38
24	0.35	0.31	0.35	0.35	0.28	0.31	0.38
25	0.28	0.38	0.31	0.31	0.35	0.35	0.38
26	0.38	0.35	0.38	0.28	0.28	0.38	0.42
27	0.35	0.31	0.31	0.35	0.31	0.31	0.42
28	0.38	0.35	0.35	0.31	0.35	0.35	0.38
29	0.31	0.31	0.31	0.31	0.28	0.35	0.38
30	0.31	0.35	0.35	0.35	0.35	0.38	0.42
31	0.35	0.35	0.28	0.31	0.35	0.31	0.38

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: 2/2/23
	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-23 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	1.15	4070.8	4681.4	3.4	7.3	203.8	YES	944
2	0.52	3488.8	1814.2	3.4	7.3	189.3	YES	1097
3	0.25	1653.9	413.5	3.4	7.3	183.4	YES	2173
4	0.18	1616.7	291.0	3.3	7.2	176.7	YES	2146
5	1.34	3422.7	4586.5	3.4	7.2	200.9	YES	950
6	1.35	3324.2	4487.7	4.1	7.3	198.8	YES	922
7	1.40	3310.2	4634.3	4.3	7.3	197.3	YES	940
8	1.65	3081.4	5084.4	4.5	7.3	200.4	YES	929
9	1.71	3261.3	5576.9	4.6	7.3	200.4	YES	935
10	1.89	3118.2	5893.3	4.8	7.3	201.9	YES	943
11	1.94	3151.6	6114.1	4.9	7.1	187.6	YES	933
12	1.89	3298.6	6234.4	4.9	7.2	193.4	YES	915
13	1.86	3490.8	6492.8	4.6	7.2	196.7	YES	878
14	2.00	3356.3	6712.6	4.5	7.2	201.3	YES	890
15	2.00	3950.9	7901.8	4.5	7.1	194.1	YES	760
16	2.00	3899.5	7799.0	4.5	7.3	208.8	YES	774
17	2.00	3217.7	6435.4	4.0	7.3	216.1	YES	938
18	2.00	2735.6	5471.2	3.9	7.3	217.6	YES	1109
19	1.68	3326.7	5588.9	4.0	7.3	208.1	YES	940
20	1.59	3578.0	5689.0	4.0	7.1	191.5	YES	974
21	1.58	3466.7	5477.4	3.9	7.2	199.7	YES	1104
22	1.63	4140.9	6749.7	3.8	7.4	217.6	YES	928
23	1.68	1883.0	3163.4	3.6	7.4	221.9	YES	1826
24	1.85	1631.3	3018.0	3.5	7.5	236.5	YES	1812
25	1.91	2632.2	5027.6	3.5	7.5	238.2	YES	1123
26	1.85	2732.2	5054.5	3.5	7.5	236.5	YES	1099
27	1.79	3507.2	6277.8	3.5	7.4	226.3	YES	936
28	1.72	1802.4	3100.2	3.6	7.5	231.3	YES	1804
29	1.65	1627.6	2685.6	3.6	7.2	205.5	YES	1797
30	1.63	678.2	1105.5	3.4	7.4	223.6	YES	4198
31	1.62	3251.9	5268.1	3.3	7.2	209.0	YES	909

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: Jan-23

Minimum UVT [%] during month: 83 Duty sensor variation from reference sensor: 0.914 %

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	944	72	y	1.146		-
2	1097	72	y	1.139	0.031	2.72
3	2173	49	y	1.221	0.107	8.76
4	2146	36	y	1.34	0.001	0.07
5	950	75	y	1.181		-
6	922	77	y	1.132		-
7	940	72	y	1.127		-
8	929	71	y	1.131		-
9	935	69	y	1.149		-
10	943	66	y	1.147		-
11	933	66	y	1.146		-
12	915	122	y	1.148		-
13	878	113	y	1.138		-
14	890	103	y	1.126		-
15	760	111	y	1		-
16	774	106	y	1		-
17	938	84	y	1.134		-
18	1109	75	y	1.351		-
19	940	47	y	1.158		-
20	974	45	y	1.093		-
21	1104	57	y	1.046		-
22	928	96	y	1.042		-
23	1826	57	y	1.768		-
24	1812	43	y	2.044		-
25	1123	64	y	1.456		-
26	1099	65	y	1.196		-
27	936	95	y	1.053		-
28	1804	52	y	2.007		-
29	1797	52	y	1.86		-
30	4198	60	y	1.482		-
31	909	134	y	1.096		-

Monthly Total Column {A} and Column {B}

39.057

0.139

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

0.3559

Signature: Rennis Buchman

Op Cert #: T-08465

Date: 2/2/23

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Jan-23

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/			
3/ 09:10		ND	
4/ 09:30		ND	
5/ 09:10		ND	
6/			
7/			
8/			
9/ 10:45		ND	
10/ 09:15		ND	
11/ 09:55		ND	
12/			
13/			
14/			
15/			
16/			
17/ 09:15		ND	
18/ 09:20		ND	
19/ 09:15		ND	
20/			
21/			
22/			
23/ 09:20		ND	
24/ 09:15		ND	
25/ 09:20		ND	
26/			
27/			
28/			
29/			
30/ 09:30		ND	
31/ 09:20		ND	