

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

County: Baker  
 Month/Year: May-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 <sup>1</sup> [NTU]
1	0.55	0.38	0.42	0.35	0.35	0.42	0.48
2	0.48	0.38	0.38	0.38	0.38	0.42	0.48
3	0.42	0.42	0.42	0.45	0.42	0.38	0.48
4	0.38	0.38	0.35	0.38	0.38	0.38	0.48
5	0.35	0.42	0.42	0.42	0.42	0.38	0.52
6	0.42	0.55	0.55	0.55	0.58	0.72	0.95
7	0.85	1.19	1.09	10.90	0.95	0.82	1.29
8	0.88	0.88	0.79	0.75	0.65	0.68	0.95
9	0.75	0.62	0.68	0.58	0.65	0.65	1.36
10	0.55	0.55	0.58	0.62	0.62	0.55	0.65
11	0.55	0.58	0.45	0.58	0.55	0.52	0.62
12	0.48	0.55	0.52	0.55	0.48	0.45	0.58
13	0.48	0.55	0.48	0.52	0.48	0.52	0.55
14	0.45	0.52	0.42	0.45	0.52	0.55	0.58
15	0.52	0.55	0.52	0.52	0.52	0.52	0.65
16	0.58	0.58	0.55	0.65	0.68	0.75	0.85
17	0.82	0.75	0.72	0.95	1.02	0.68	26.11
18	0.58	0.52	0.55	0.55	0.55	0.58	1.49
19	0.58	0.62	0.58	0.52	0.58	0.55	0.92
20	0.55	0.75	0.68	0.79	0.72	0.58	0.85
21	0.58	0.65	0.62	0.62	0.62	0.62	0.72
22	0.58	0.58	0.65	0.52	0.79	1.02	1.15
23	0.88	0.79	0.68	0.68	1.06	0.65	1.15
24	0.65	0.62	0.62	0.55	0.52	0.75	0.99
25	0.48	0.68	0.82	0.55	0.52	0.45	0.82
26	0.48	0.52	0.52	0.58	0.48	0.48	0.82
27	0.79	0.88	1.59	0.65	0.58	0.45	1.96
28	0.85	1.15	1.22	1.06	1.06	0.82	3.81
29	0.88	0.85	0.88	0.88	0.79	0.92	0.99
30	0.85	0.82	0.72	0.75	0.65	0.72	0.85
31	0.68	0.58	0.68	0.55	0.58	0.65	0.82

Unfiltered	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings $\leq$ 1 NTU? <sup>2</sup> N/A	CT's met everyday? (see Page 2) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	All Cl <sub>2</sub> residual at entry point $\geq$ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
All daily turbidity readings $\leq$ 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No		
Notes: 5/17 has a reading greater than 5 NTU as a result of cleaning the instrument. DB	PRINTED NAME: Dennis Bachman	DATE: 6/6/22
	SIGNATURE: <i>Dennis Bachman</i>	CERT #: T-08465
	PHONE #: (541) 523-7349	

<sup>1</sup> 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. <sup>2</sup> Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- A

System Name: Baker City ID#: 41 00073 Month/Year: May-22 Disinfection *Giardia* Log Inactivation: 3.0

Date / Time	Min Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup>	Contact Time Achieved (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.06	3077.7	3262.4	4.9	7.3	182.0	YES	1102
2	1.12	3203.5	3587.9	5.0	7.3	182.1	YES	1117
3	1.21	2492.6	3016.1	5.1	7.3	182.7	YES	1473
4	1.23	3306.0	4066.4	5.2	7.3	181.9	YES	1120
5	1.25	2530.0	3162.5	5.2	7.2	175.9	YES	1482
6	1.18	3277.5	3867.5	5.3	7.3	179.7	YES	1125
7	1.12	3218.4	3604.6	5.5	7.2	169.8	YES	1107
8	1.09	3157.5	3441.7	5.6	7.0	156.4	YES	1084
9	1.18	3091.5	3648.0	5.7	7.0	157.0	YES	1087
10	1.20	3126.0	3751.3	5.7	7.1	163.1	YES	1075
11	1.49	3105.8	4627.7	5.6	7.1	169.8	YES	1087
12	1.37	3117.3	4270.7	5.5	7.1	168.6	YES	1093
13	1.28	3204.8	4102.1	5.5	7.2	172.9	YES	1102
14	1.24	2464.9	3056.5	5.5	7.2	172.1	YES	1458
15	1.21	2224.1	2691.1	5.6	7.2	170.4	YES	1476
16	1.18	2148.1	2534.7	5.8	7.2	167.5	YES	1492
17	1.16	2106.7	2443.8	6.0	7.2	164.9	YES	1477
18	1.02	2311.2	2357.4	6.2	7.2	160.1	YES	1454
19	1.10	1658.2	1824.1	6.7	7.2	156.2	YES	2111
20	1.35	1624.1	2192.5	6.8	7.2	159.7	YES	2232
21	1.55	1591.1	2466.1	6.9	7.3	168.3	YES	2161
22	1.68	1389.9	2335.0	6.9	7.3	170.8	YES	2194
23	1.68	1134.3	1905.6	6.9	7.3	170.8	YES	2510
24	1.68	1443.1	2424.5	6.9	7.3	170.8	YES	2113
25	1.68	1481.4	2488.7	6.9	7.3	170.8	YES	2174
26	1.46	1280.9	1841.0	6.9	7.3	166.5	YES	2480
27	1.37	1511.3	2070.4	6.7	7.3	167.1	YES	2131
28	1.43	2375.9	3397.5	6.5	7.3	170.5	YES	1493
29	1.40	2578.4	3609.8	6.8	7.2	160.6	YES	1424
30	1.38	2582.3	3536.0	7.1	7.0	146.3	YES	1439
31	1.35	858.1	1158.4	7.3	7.3	160.1	YES	4170

<sup>3</sup> If Cl<sub>2</sub> 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-22**

Minimum UVT [%] during month: 73      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]	[ <sup>mW</sup> /cm <sup>2</sup> ]	[ Y or N]	[ mgd]	[mgd]	(Daily Sum {B}) ÷ (Daily Sum {A}) * 100 [%]
1	1102	137	y	1.259		-
2	1117	128	y	1.355		-
3	1473	93	y	1.427		-
4	1120	119	y	1.312		-
5	1482	89	y	1.462		-
6	1125	148	y	1.345		-
7	1107	137	y	1.251		-
8	1084	119	y	1.241		-
9	1087	114	y	1.335		-
10	1075	119	y	1.322		-
11	1087	132	y	1.363		-
12	1093	142	y	1.255		-
13	1102	171	y	1.278		-
14	1458	74	y	1.514		-
15	1476	75	y	1.863		-
16	1492	70	y	1.653		-
17	1477	70	y	1.714		-
18	1454	68	y	1.67		-
19	2111	48	y	1.757		-
20	2232	97	y	1.789		-
21	2161	65	y	2.144		-
22	2194	68	y	2.568		-
23	2510	60	y	2.518		-
24	2113	69	y	2.525		-
25	2174	67	y	2.734		-
26	2480	30	y	2.884	0.002	0.07
27	2131	79	y	2.081		-
28	1493	121	y	1.64		-
29	1424	124	y	1.605		-
30	1439	84	y	1.708		-
31	4170	111	y	1.617		-
Monthly Total Column {A} and Column {B}				53.189	0.002	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0038

Signature: *Dennis Bachman*

Op Cert #: T-08465

Date: 6/6/22

**Raw Water E. Coli Data**

**System Name: Baker City**

**ID#: 4100073**

**Month/Year: \_\_\_\_\_**

**May-22**

<b>Date/Time</b>	<b>Total E. Coli</b>	<b>Fecal Coliform</b>	<b>Comments</b>
1/			
2/ 09:20		ND	
3/ 09:20		ND	
4/ 09:15		ND	
5/			
6/			
7/			
8/			
9/ 09:30			2
10/ 09:20		ND	
11/ 09:15			2
12/			
13/			
14/			
15/			
16/ 09:15			1.8
17/ 09:10			2
18/ 09:00		ND	
19/			
20/			
21/			
22/			
23/ 09:20		ND	
24/ 09:00		ND	
25/ 09:15			2
26/			
27/			
28/			
29/			
30/			
31/ 11:05		ND	