

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

County: **Baker**
 Month/Year: **Sep-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 ¹ [NTU]
1	0.31	0.38	0.52	0.48	0.52	0.48	0.52
2	0.42	0.45	0.45	0.48	0.65	0.52	0.85
3	0.58	0.52	0.52	0.45	0.55	0.65	0.65
4	0.58	0.55	0.42	0.45	0.45	0.48	0.65
5	0.52	0.52	0.42	0.45	0.52	0.52	0.58
6	0.45	0.42	0.45	0.48	0.48	0.38	0.55
7	0.42	0.48	0.42	0.38	0.58	0.58	0.65
8	0.52	0.48	0.45	0.38	0.55	0.38	0.58
9	0.48	0.38	0.38	0.45	0.45	0.48	0.52
10	0.45	0.38	0.42	0.38	0.42	0.42	0.48
11	0.48	0.42	0.45	0.38	0.38	0.45	0.52
12	0.48	0.38	0.45	0.55	0.52	0.62	1.66
13	0.72	0.79	0.79	0.79	0.42	0.45	0.92
14	0.35	0.35	0.35	0.38	0.38	0.45	0.62
15	0.42	0.35	0.38	0.35	0.38	0.45	0.68
16	0.31	0.31	0.31	0.45	0.35	0.35	0.52
17	0.35	0.31	0.35	0.35	0.38	0.38	0.45
18	0.35	0.38	0.42	0.55	0.62	0.75	0.82
19	0.52	0.48	0.82	1.02	1.09	1.06	1.42
20	1.15	1.15	0.45	0.42	0.28	0.38	1.22
21	0.31	0.38	0.31	0.35	0.35	0.38	0.45
22	0.42	0.42	0.38	0.35	0.25	0.31	0.52
23	0.35	0.28	0.25	0.28	0.31	0.62	0.92
24	0.35	0.31	0.35	0.38	0.35	0.35	0.45
25	0.35	0.31	0.38	0.35	0.35	0.35	0.45
26	0.45	0.31	0.31	0.42	0.35	0.35	0.45
27	0.38	0.35	0.35	0.52	0.45	0.52	0.65
28	0.55	0.42	0.38	0.35	0.45	0.45	0.68
29	0.48	0.42	0.42	0.38	0.35	0.38	1.09
30	0.35	0.31	0.28	0.42	0.35	0.38	0.58
31							

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? Yes / No	Yes / No	Yes / No

Notes:

PRINTED NAME: **Dennis Bachman**

SIGNATURE: *Dennis Bachman* DATE: **10/6/22**

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: Sep-22

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	1.05	616.8	647.6	12.4	7.1	103.2	YES	5373
2	1.04	581.5	604.8	12.3	7.3	111.1	YES	5538
3	0.96	695.9	668.0	12.4	7.4	113.3	YES	4941
4	0.97	674.9	654.7	12.5	7.4	111.6	YES	4933
5	1.01	619.6	625.8	12.4	7.1	102.8	YES	5499
6	1.04	600.9	624.9	12.4	7.1	103.1	YES	5567
7	1.01	729.7	737.0	12.5	7.1	100.3	YES	4904
8	0.99	707.5	700.4	12.7	7.4	110.3	YES	4904
9	1.08	720.8	778.4	11.8	7.1	107.6	YES	4425
10	1.10	661.9	728.1	11.3	7.3	119.4	YES	4748
11	1.13	802.3	906.6	11.3	7.3	119.8	YES	3859
12	1.13	612.6	692.3	11.3	7.3	119.8	YES	4571
13	1.09	680.2	741.5	11.7	7.1	108.4	YES	4254
14	1.06	937.2	993.4	11.9	7.0	103.1	YES	3702
15	1.07	1103.7	1180.9	11.9	7.3	114.4	YES	3214
16	1.22	786.0	959.0	11.8	7.3	117.1	YES	3820
17	1.40	1012.0	1416.8	11.4	7.3	122.6	YES	3213
18	1.43	1086.6	1553.8	11.3	7.3	123.9	YES	3193
19	1.40	780.7	1093.0	11.2	7.0	112.0	YES	3846
20	1.42	1061.3	1507.1	11.1	7.3	125.4	YES	3181
21	1.46	1117.9	1632.1	11.1	7.3	125.9	YES	3187
22	1.43	1176.6	1682.5	11.0	7.3	126.3	YES	3200
23	1.41	1040.8	1467.5	10.8	7.3	127.7	YES	3169
24	1.48	1365.4	2020.8	10.6	7.3	130.4	YES	2484
25	1.66	1367.0	2269.2	10.6	7.3	133.1	YES	2538
26	1.66	1005.0	1668.3	10.6	7.3	133.1	YES	3189
27	1.44	880.6	1268.1	10.6	7.3	129.8	YES	3180
28	1.33	881.5	1172.3	9.6	7.3	137.0	YES	3177
29	1.30	776.3	1009.1	10.0	7.3	133.0	YES	4309
30	1.29	764.1	985.7	10.5	7.3	128.5	YES	3726
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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: Sep-22

Minimum UVT [%] during month: 80 Duty sensor variation from reference sensor: 1.024 %

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	5373	25	y	4.727		-
2	5538	24	y	4.883		-
3	4941	23	y	4.651		-
4	4933	20	y	4.628		-
5	5499	18	y	4.917		-
6	5567	18	y	4.771		-
7	4904	22	y	4.541		-
8	4904	27	y	4.117		-
9	4425	29	y	4.211	0.001	0.02
10	4748	28	y	4.15		-
11	3859	26	y	4.075		-
12	4571	27	y	4.055		-
13	4254	27	y	3.308	0.003	0.09
14	3702	26	y	2.808		-
15	3214	24	y	2.841		-
16	3820	19	y	3.08		-
17	3213	20	y	3.12		-
18	3193	22	y	2.791		-
19	3846	19	y	3.386		-
20	3181	22	y	3.267		-
21	3187	21	y	3.182	0.001	0.03
22	3200	22	y	2.661		-
23	3169	22	y	2.84		-
24	2484	27	y	2.698		-
25	2538	26	y	2.747		-
26	3189	21	y	3.18		-
27	3180	22	y	3.462		-
28	3177	21	y	3.355		-
29	4309	25	y	3.091		-
30	3726	26	y	2.944		-
31						#DIV/0!
Monthly Total Column {A} and Column {B}				108.487	0.005	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0046

Signature: *Alexis Buchanan*

Op Cert #: T-08465

Date: 10/6/22

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Sep-22

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/			
3/			
4/			
5/			
6/ 09:30		4.5	
7/ 09:30		2	
8/ 09:05		4.5	
9/			
10/			
11/			
12/ 09:15		2	
13/ 09:15		11	
14/ 09:10		11	
15/			
16/			
17/			
18/			
19/ 11:40		ND	
20/ 09:00		ND	
21/ 09:10		2	
22/			
23/			
24/			
25/			
26/ 09:10		2	
27/ 09:15		2	
28/ 09:15		2	
29/			
30/			
31/			