

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

County: **Baker**
 Month/Year: **Sep-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	0.31	0.31	0.28	0.38	0.31	0.38	0.45
2	0.35	0.38	0.38	0.35	0.45	0.95	3.01
3	0.18	0.48	0.35	0.48	0.45	0.48	0.62
4	0.38	0.45	0.58	0.55	0.62	0.62	0.68
5	0.65	0.62	0.35	0.35	0.35	0.38	0.79
6	0.35	0.35	0.31	0.35	0.38	0.35	0.42
7	0.35	0.35	0.38	0.31	0.38	0.38	0.42
8	0.35	0.42	0.38	0.38	0.38	0.38	0.45
9	0.38	0.38	0.31	0.38	0.38	0.38	0.42
10	0.38	0.35	0.31	0.38	0.42	0.42	1.02
11	0.38	0.35	0.35	0.38	0.38	0.38	0.45
12	0.35	0.42	0.38	0.42	0.42	0.31	0.48
13	0.35	0.35	0.35	0.35	0.31	0.45	0.58
14	0.52	0.45	0.45	0.42	0.65	0.82	1.59
15	0.58	0.55	0.48	0.48	0.42	0.48	0.62
16	0.48	0.45	0.42	0.42	0.42	0.38	0.52
17	0.38	0.42	0.38	0.38	0.42	0.38	0.45
18	0.38	0.42	0.38	0.38	0.35	0.35	0.45
19	0.35	0.31	0.35	0.31	0.31	0.35	0.55
20	0.31	0.35	0.31	0.28	0.31	0.35	0.35
21	0.28	0.35	0.35	0.35	0.35	0.31	0.38
22	0.31	0.35	0.31	0.35	0.35	0.31	0.38
23	0.31	0.31	0.35	0.35	0.35	0.35	0.38
24	0.31	0.31	0.31	0.31	0.31	0.31	0.38
25	0.31	0.35	0.35	0.35	0.35	0.31	0.38
26	0.31	0.35	0.35	0.35	0.31	0.35	0.38
27	0.31	0.31	0.35	0.31	0.31	0.31	0.38
28	0.35	0.31	0.38	0.25	0.28	0.28	0.82
29	0.31	0.31	0.42	0.42	0.25	0.28	0.45
30	0.28	0.31	0.31	0.31	0.31	0.28	0.35
31							

Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ²	N/A	CT's met everyday? (see Page 2)	All Cl ₂ residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	Yes / No	Yes / No	Yes / No
Notes:		PRINTED NAME: Dennis Bachman	
		SIGNATURE: <i>Dennis Bachman</i>	DATE: 10/10/23
		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: Sep-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	1.48	906.6	1341.7	10.3	7.3	133.0	YES	3518
2	1.40	1037.2	1452.1	11.2	7.3	124.3	YES	2790
3	1.33	842.2	1120.1	10.7	7.3	127.4	YES	3436
4	1.33	1209.9	1609.2	11.1	7.3	124.1	YES	2906
5	1.32	1189.6	1570.3	11.7	7.3	119.2	YES	2838
6	1.45	927.1	1344.3	11.7	7.2	116.8	YES	3457
7	1.53	838.1	1282.3	11.7	7.3	122.0	YES	3490
8	1.56	820.0	1279.2	10.2	7.3	135.1	YES	3529
9	1.67	1157.5	1933.0	10.2	7.3	136.8	YES	2836
10	1.60	1026.9	1643.1	10.4	7.3	134.0	YES	2833
11	1.61	671.9	1081.7	10.3	7.0	121.5	YES	4307
12	1.51	824.4	1244.9	10.2	7.3	134.4	YES	3510
13	1.39	919.3	1277.9	10.3	7.0	118.6	YES	3503
14	1.31	1116.3	1462.4	11.1	7.3	123.8	YES	2857
15	1.20	932.6	1119.1	11.2	7.3	121.5	YES	3520
16	1.21	1147.2	1388.1	11.2	7.3	121.6	YES	2848
17	1.27	862.3	1095.2	11.3	7.3	121.7	YES	3464
18	1.28	820.5	1050.2	10.4	7.3	129.2	YES	3527
19	1.33	847.0	1126.5	10.6	7.3	128.2	YES	3545
20	1.33	832.0	1106.6	9.8	7.3	135.2	YES	3478
21	1.40	1098.6	1538.1	9.9	7.3	135.4	YES	2988
22	1.37	1145.3	1569.1	9.8	7.3	135.8	YES	2839
23	1.39	1150.0	1598.5	9.7	7.3	137.0	YES	2814
24	1.38	1093.1	1508.5	9.6	7.3	137.8	YES	2818
25	1.38	1078.1	1487.8	9.7	7.4	141.8	YES	2814
26	1.36	1161.0	1579.0	9.9	7.3	134.8	YES	2546
27	1.32	1438.7	1899.0	10.0	7.4	138.0	YES	2152
28	1.32	1392.1	1837.6	9.9	7.4	139.0	YES	2101
29	1.36	1085.6	1476.4	8.9	7.4	149.2	YES	2594
30	1.44	1630.5	2347.9	8.9	7.4	150.6	YES	2166
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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-23

Minimum UVT [%] during month: 96% Duty sensor variation from reference sensor: 1.042 %

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	3518	34	y	3.006		-
2	2790	42	y	2.889		-
3	3436	33	y	2.895		-
4	2906	39	y	2.685		-
5	2838	67	y	2.887		-
6	3457	54	y	2.742		-
7	3490	53	y	3.041		-
8	3529	24	y	3.145		-
9	2836	29	y	2.986		-
10	2833	28	y	3.142		-
11	4307	22	y	3.812		-
12	3510	21	y	3.369		-
13	3503	21	y	3.118		-
14	2857	25	y	2.968		-
15	3520	31	y	3.322		-
16	2848	38	y	3.337		-
17	3464	32	y	3.544		-
18	3527	31	y	3.388		-
19	3545	30	y	3.237		-
20	3478	30	y	2.979		-
21	2988	35	y	2.827	0.001	0.04
22	2839	64	y	2.781		-
23	2814	63	y	2.726		-
24	2818	62	y	2.789		-
25	2814	62	y	2.535		-
26	2546	67	y	2.365		-
27	2152	79	y	2.285	0.001	0.04
28	2101	81	y	2.396		-
29	2594	28	y	2.326		-
30	2166	50	y	1.73		-
31						#DIV/0!
Monthly Total Column {A} and Column {B}				87.252	0.002	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0023

Signature: *Monica Benhumer*

Op Cert #: T-08465 Date: 10/10/23

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Sep-23

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/			
3/			
4/			
5/ 09:10		2	
6/ 09:15		ND	
7/ 09:15		2	
8/			
9/			
10/			
11/ 09:10		33	
12/ 09:10		ND	
13/ 09:10		ND	
14/			
15/			
16/			
17/			
18/ 09:15		ND	
19/ 09:20		ND	
20/ 09:20		ND	
21/			
22/			
23/			
24/			
25/ 09:00		ND	
26/			
27/ 09:10		ND	
28/ 09:10		ND	
29/			
30/			
31/			