

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

County: Baker
 Month/Year: Jul-21

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	0.45	0.25	0.48	0.45	0.28	0.31	1.52
2	0.35	0.31	0.35	0.35	0.28	0.21	0.38
3	0.25	0.35	0.31	0.28	0.21	0.25	0.35
4	0.31	0.25	0.31	0.25	0.25	0.25	0.35
5	0.28	0.31	0.25	0.21	0.31	0.21	0.62
6	0.35	0.35	0.42	0.35	0.28	0.21	0.45
7	0.28	0.28	0.35	0.35	0.31	0.28	0.55
8	0.35	0.42	0.38	0.31	0.31	0.31	0.45
9	0.25	0.28	0.28	0.28	0.35	0.35	0.38
10	0.25	0.25	0.28	0.31	0.28	0.28	0.42
11	0.25	0.21	0.31	0.28	0.28	0.28	0.38
12	0.31	0.31	0.28	0.28	0.21	0.31	0.38
13	0.28	0.52	0.42	0.38	0.28	0.28	0.88
14	0.35	0.38	0.31	0.31	0.25	0.35	0.52
15	0.28	0.25	0.38	0.28	0.31	0.28	0.38
16	0.35	0.31	0.28	0.25	0.31	0.28	0.35
17	0.25	0.28	0.25	0.25	0.21	0.28	0.38
18	0.31	0.28	0.25	0.25	0.25	0.25	0.35
19	0.31	0.25	0.28	0.21	0.35	0.28	0.35
20	0.25	0.21	0.31	0.35	0.35	0.25	0.35
21	0.28	0.38	0.38	0.35	0.31	0.28	0.42
22	0.31	0.31	0.25	0.25	0.31	0.31	0.38
23	0.28	0.21	0.31	0.28	0.28	0.28	0.35
24	0.28	0.21	0.25	0.25	0.25	0.28	0.35
25	0.28	0.25	0.28	0.28	0.25	0.31	0.35
26	0.28	0.35	0.21	0.25	0.35	0.31	0.35
27	0.31	0.28	0.35	0.28	0.55	0.38	0.92
28	0.38	0.28	0.35	0.28	0.31	0.35	0.45
29	0.38	0.31	0.28	0.31	0.48	0.42	0.82
30	0.38	0.45	0.35	0.38	0.42	0.38	0.48
31	0.42	0.42	0.38	0.38	0.31	0.38	0.52

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: <i>Dennis Bachman</i>		DATE: 8/2/21
	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: Jul-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	0.95	569.7	541.2	8.0	7.3	145.9	YES	4888
2	0.91	790.1	719.0	7.3	7.3	152.2	YES	4411
3	0.88	749.0	659.1	7.0	7.3	154.7	YES	4383
4	0.87	806.7	701.9	7.4	7.4	155.9	YES	3857
5	0.83	563.4	467.7	7.3	7.4	156.3	YES	4915
6	0.82	544.1	446.2	7.6	7.3	147.6	YES	5347
7	0.78	526.3	410.5	7.4	7.3	148.9	YES	5291
8	1.13	551.0	622.6	7.8	7.3	150.9	YES	5224
9	0.78	583.3	455.0	8.2	7.3	141.2	YES	4774
10	0.95	781.6	742.5	8.3	7.3	143.0	YES	4200
11	0.96	657.7	631.4	7.9	7.3	147.0	YES	4234
12	1.07	589.4	630.7	8.1	7.3	146.9	YES	4936
13	1.01	508.6	513.7	8.1	7.3	145.9	YES	5475
14	1.06	676.4	717.0	7.5	7.1	142.3	YES	4945
15	1.01	563.4	569.1	7.5	7.0	136.6	YES	4915
16	0.98	691.7	677.9	8.1	7.1	135.5	YES	4948
17	0.94	707.0	664.6	8.1	7.3	144.8	YES	3939
18	0.98	840.5	823.7	8.3	7.3	143.5	YES	4035
19	1.04	669.4	696.2	8.3	7.4	149.7	YES	4137
20	1.31	848.4	1111.4	8.6	7.3	146.1	YES	4126
21	1.37	675.1	924.9	8.8	7.4	150.4	YES	4102
22	1.30	671.3	872.7	9.0	7.2	137.1	YES	4102
23	1.44	787.0	1133.2	9.2	7.3	142.4	YES	4112
24	1.40	667.0	933.9	9.2	7.4	146.9	YES	4105
25	1.32	777.3	1026.1	9.8	7.4	139.9	YES	4103
26	1.18	533.3	629.3	9.0	7.4	145.2	YES	5630
27	1.07	783.8	838.6	9.2	7.1	127.3	YES	4109
28	1.10	576.1	633.7	9.4	7.3	135.2	YES	5860
29	1.01	704.7	711.8	9.8	7.4	135.1	YES	4327
30	1.10	643.3	707.6	10.7	7.4	128.6	YES	4450
31	0.69	650.5	448.8	10.1	7.4	127.7	YES	4401

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: Jul-21

Minimum UVT [%] during month: 95 Duty sensor variation from reference sensor: 1.002 %

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	4888	76	y	5.282		-
2	4411	77	y	5.095	0.001	0.02
3	4383	54	y	5.075	0.001	0.02
4	3857	77	y	4.774		-
5	4915	76	y	5.168		-
6	5347	77	y	5.198		-
7	5291	69	y	5.264	0.111	2.11
8	5224	68	y	5.277		-
9	4774	68	y	5.125		-
10	4200	68	y	5.028		-
11	4234	66	y	4.724		-
12	4936	50	y	5.014		-
13	5475	54	y	5.112		-
14	4945	76	y	5.09	0.001	0.02
15	4915	75	y	4.951		-
16	4948	75	y	4.659		-
17	3939	73	y	4.604		-
18	4035	70	y	4.496		-
19	4137	67	y	4.753		-
20	4126	67	y	4.388		-
21	4102	63	y	4.379		-
22	4102	62	y	4.615		-
23	4112	63	y	4.602		-
24	4105	61	y	4.66		-
25	4103	61	y	4.686		-
26	5630	61	y	4.647		-
27	4109	2	y	4.458	0.007	0.16
28	5860	50	y	4.637		-
29	4327	52	y	4.622	0.003	0.06
30	4450	51	y	4.647	0.001	0.02
31	4401	51	y	4.288		-
Monthly Total Column {A} and Column {B}				149.318	0.125	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0837

Signature: *Dennis Bachman*

Op Cert #: T-08465 Date: 8/2/21

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Jul-21

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/			
2/			
3/			
4/			
5/			
6/ 09:20		2	
7/ 09:00		13	
8/			
9/ 09:00		1.8	
10/			
11/			
12/ 09:10		4	
13/ 09:00		ND	
14/ 09:10		17	
15/			
16/			
17/			
18/			
19/ 09:10		2	
20/ 09:05		ND	
21/ 09:40		7.8	
22/			
23/			
24/			
25/			
26/			
27/ 09:00		2	
28/ 09:10		2	
29/ 09:05		ND	
30/			
31/			