

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

County: **Baker**
 Month/Year: **Nov-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	0.25	0.31	0.31	0.25	0.29	0.28	1.42
2	0.28	0.28	0.21	0.21	0.18	0.18	0.31
3	0.21	0.21	0.21	0.18	0.25	0.28	0.31
4	0.25	0.25	0.25	0.18	0.25	0.35	0.99
5	1.02	1.79	1.22	2.40	0.72	0.52	2.50
6	0.35	0.28	0.28	0.28	0.35	0.25	0.45
7	0.28	0.21	0.18	0.28	0.21	0.28	0.35
8	0.31	0.28	0.25	0.25	0.28	0.25	0.31
9	0.18	0.21	0.31	0.25	0.18	0.21	0.31
10	0.25	0.28	0.28	0.28	0.28	0.25	0.35
11	0.21	0.28	0.25	0.25	0.18	0.25	0.35
12	0.21	0.25	0.28	0.25	0.21	0.25	0.31
13	0.28	0.25	0.21	0.18	0.28	0.21	0.31
14	0.18	0.28	0.21	0.25	0.25	0.31	0.31
15	0.25	0.21	0.18	0.21	0.25	0.25	1.42
16	0.18	0.31	0.25	0.21	0.25	0.18	0.31
17	0.21	0.31	0.28	0.25	0.18	0.21	0.35
18	0.28	0.25	0.28	0.28	0.25	0.21	0.35
19	0.28	0.28	0.25	0.21	0.31	0.28	0.35
20	0.28	0.25	0.21	0.21	0.25	0.28	0.35
21	0.28	0.28	0.28	0.25	0.25	0.28	0.35
22	0.28	0.31	0.31	0.28	0.28	0.25	0.35
23	0.28	0.25	0.28	0.25	0.35	0.42	0.85
24	0.38	0.25	0.31	0.25	0.35	0.31	0.42
25	0.31	0.31	0.25	0.31	0.25	0.35	0.38
26	0.25	0.28	0.31	0.31	0.28	0.31	0.38
27	0.28	0.25	0.28	0.31	0.18	0.35	0.35
28	0.31	0.21	0.25	0.28	0.25	0.28	0.38
29	0.25	0.28	0.21	0.18	0.28	0.25	0.35
30	0.25	0.28	0.28	0.25	0.25	0.21	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: <i>12-5-22</i>
	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

Disinfection *Giardia* Log

System Name: Baker City

ID#: 41 00073

Month/Year: Nov-22

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	1.36	3471.6	4721.4	6.3	7.3	171.4	YES	1089
2	1.36	3174.8	4317.7	6.3	7.1	159.6	YES	1132
3	1.37	3142.3	4304.9	6.3	7.3	171.6	YES	1114
4	1.41	3173.4	4474.4	6.2	7.3	173.6	YES	1108
5	1.15	3377.1	3883.7	5.8	7.3	173.1	YES	1078
6	0.85	2536.7	2156.2	5.8	7.0	150.2	YES	1429
7	0.75	3279.8	2459.8	5.7	7.0	149.4	YES	1110
8	1.11	3275.3	3635.6	5.6	7.3	174.6	YES	1102
9	1.36	3261.2	4435.3	5.4	7.2	175.7	YES	1102
10	1.45	3238.9	4696.4	5.3	7.3	185.4	YES	1100
11	1.47	3212.1	4721.8	5.1	7.3	188.4	YES	1114
12	1.51	3215.0	4854.7	5.0	7.3	190.5	YES	1113
13	1.53	3226.6	4936.7	4.8	7.3	193.6	YES	1109
14	1.52	3254.3	4946.5	4.7	7.3	194.7	YES	1090
15	1.51	3156.3	4766.0	4.6	7.3	195.8	YES	1114
16	1.55	3182.3	4932.5	4.5	7.3	198.1	YES	1100
17	1.57	3185.5	5001.3	4.4	7.4	207.3	YES	1094
18	1.57	3829.9	6012.9	4.2	7.3	202.6	YES	914
19	1.58	3902.3	6165.6	4.1	7.4	211.9	YES	909
20	1.64	3207.2	5259.9	4.1	7.4	213.4	YES	1106
21	1.66	3674.1	6098.9	4.1	7.4	213.9	YES	957
22	1.66	3740.5	6209.2	4.1	7.4	213.9	YES	940
23	1.66	3809.7	6324.2	4.1	7.4	213.9	YES	927
24	1.66	3872.8	6428.8	4.1	7.4	213.9	YES	932
25	1.66	4170.7	6923.3	4.1	7.4	213.9	YES	899
26	1.66	3942.4	6544.4	4.1	7.4	213.9	YES	955
27	1.66	4112.2	6826.3	4.1	7.3	206.2	YES	908
28	1.66	3935.5	6533.0	4.1	7.3	206.2	YES	929
29	1.66	3906.5	6484.7	4.1	7.1	191.7	YES	916
30	1.63	3915.9	6383.0	3.7	7.3	211.2	YES	882
31								

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: Nov-22

Minimum UVT [%] during month: 85% Duty sensor variation from reference sensor: 0.998 %
 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	1089	146	y	1.1		-
2	1132	61	y	1.113		-
3	1114	63	y	1.124		-
4	1108	65	y	1.095		-
5	1078	60	y	1.09		-
6	1429	42	y	1.101		-
7	1110	77	y	1.121		-
8	1102	85	y	1.126		-
9	1102	93	y	1.107		-
10	1100	95	y	1.085		-
11	1114	141	y	1.081		-
12	1113	91	y	1.056		-
13	1109	96	y	1.101		-
14	1090	105	y	1.11		-
15	1114	156	y	1.084		-
16	1100	107	y	1.073		-
17	1094	109	y	1.074		-
18	914	169	y	1.062		-
19	909	88	y	1.089		-
20	1106	109	y	1.097		-
21	957	85	y	1.139		-
22	940	114	y	1.087		-
23	927	133	y	1.103		-
24	932	166	y	1.053		-
25	899	112	y	1.035		-
26	955	113	y	1.051		-
27	908	161	y	1.069		-
28	929	86	y	1.111		-
29	916	87	y	1.1		-
30	882	91	y	1.09		-
31	0	0	y	0		#DIV/0!
Monthly Total Column {A} and Column {B}				32.727	0	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						-

Signature: *Norris Bachman*

Op Cert #: T-08465 Date: 12-5-22

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Nov-22

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:00		ND	
2/ 09:40		ND	
3/			
4/			
5/			
6/			
7/ 09:15			2
8/ 09:10			2
9/ 09:20		ND	
10/			
11/			
12/			
13/			
14/ 09:15		ND	
15/ 09:20		ND	
16/ 09:00		ND	
17/			
18/			
19/			
20/			
21/ 09:30			2
21/ 10:45		ND	
22/ 09:20		ND	
24/			
25/			
26/			
27/			
28/ 09:25			2
29/			
30/ 09:40			2
31/			