

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

County: Baker
 Month/Year: Nov-21

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	0.28	0.28	0.31	0.28	0.25	0.25	0.38
2	0.28	0.38	0.31	0.31	0.25	0.38	0.42
3	0.25	0.35	0.35	0.31	0.31	0.28	0.38
4	0.25	0.31	0.28	0.31	0.28	0.31	0.42
5	0.28	0.31	0.28	0.28	0.31	0.31	0.38
6	0.31	0.25	0.31	0.28	0.28	0.38	0.38
7	0.31	0.28	0.28	0.35	0.28	0.31	0.38
8	0.21	0.25	0.28	0.25	0.28	0.25	0.35
9	0.25	0.28	0.28	0.25	0.21	0.31	0.38
10	0.25	0.28	0.21	0.28	0.25	0.21	0.38
11	0.28	0.28	0.35	0.48	0.45	0.52	0.58
12	0.42	0.45	0.45	0.48	0.45	0.25	0.58
13	0.31	0.38	0.35	0.28	0.28	0.25	0.38
14	0.28	0.31	0.31	0.31	0.25	0.25	0.35
15	0.28	0.28	0.28	0.31	0.25	0.25	0.38
16	0.28	0.38	0.25	0.21	0.21	0.21	0.42
17	0.28	0.28	0.35	0.25	0.31	0.28	0.35
18	0.28	0.25	0.31	0.28	0.28	0.25	0.35
19	0.21	0.21	0.25	0.18	0.31	0.31	0.31
20	0.21	0.31	0.31	0.18	0.25	0.21	0.31
21	0.28	0.28	0.31	0.21	0.21	0.28	0.31
22	0.21	0.28	0.18	0.21	0.25	0.21	0.31
23	0.25	0.25	0.28	0.25	0.28	0.25	0.35
24	0.18	0.18	0.25	0.25	0.28	0.31	0.35
25	0.21	0.28	0.25	0.28	0.25	0.25	0.31
26	0.18	0.21	0.18	0.31	0.25	0.28	0.31
27	0.25	0.28	0.18	0.25	0.31	0.21	0.35
28	0.25	0.28	0.28	0.21	0.25	0.38	0.35
29	0.25	0.31	0.28	0.21	0.21	0.28	0.35
30	0.35	0.31	0.31	0.25	0.28	0.31	0.35
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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 daily turbidity readings \leq 5 NTU?	<input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl ₂ residual at entry point \geq 0.2 mg/l?
		<input checked="" type="radio"/> Yes <input type="radio"/> No

Notes:

PRINTED NAME: Dennis Bachman

SIGNATURE: *Dennis Bachman* DATE: 12-7-21

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: Nov-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	1.33	3410.9	4536.5	7.0	7.3	163.0	YES	894
2	1.26	3421.7	4311.4	6.9	7.3	162.7	YES	923
3	1.20	3569.8	4283.8	6.9	7.2	155.9	YES	937
4	1.20	3689.5	4427.4	6.9	7.2	155.9	YES	953
5	1.21	3999.1	4839.0	7.0	7.3	160.7	YES	922
6	1.19	3877.2	4613.9	7.0	7.2	154.7	YES	951
7	1.16	3777.4	4381.8	6.8	7.2	156.3	YES	972
8	1.22	4011.6	4894.1	6.5	7.2	160.6	YES	892
9	1.31	3790.6	4965.7	6.3	7.2	164.4	YES	944
10	1.34	3973.7	5324.7	6.1	7.2	167.2	YES	924
11	1.39	3926.6	5458.0	5.9	7.2	170.5	YES	943
12	1.30	3931.5	5110.9	5.8	7.2	169.9	YES	926
13	1.11	3914.7	4345.3	5.8	7.2	166.2	YES	926
14	1.11	4097.9	4548.7	5.8	7.2	166.2	YES	877
15	1.15	3835.5	4410.8	5.8	7.2	166.9	YES	937
16	1.20	3889.5	4667.4	5.9	7.2	166.8	YES	944
17	1.22	4257.6	5194.2	6.0	7.3	172.1	YES	877
18	1.30	4115.7	5350.5	5.7	7.2	171.0	YES	911
19	1.42	4148.8	5891.2	5.5	7.2	175.8	YES	900
20	1.44	3901.8	5618.6	5.3	7.2	178.6	YES	945
21	1.44	3748.7	5398.1	5.2	7.2	179.8	YES	967
22	1.46	3835.0	5599.2	5.0	7.2	182.7	YES	929
23	1.48	3959.9	5860.6	4.9	7.2	184.4	YES	884
24	1.49	4005.2	5967.7	4.8	7.3	192.7	YES	874
25	1.44	3950.1	5688.1	4.7	7.3	192.9	YES	898
26	1.50	4086.1	6129.1	4.8	7.3	192.9	YES	910
27	1.50	4171.6	6257.3	4.9	7.3	191.6	YES	910
28	1.58	4096.9	6473.1	5.0	7.3	192.1	YES	900
29	1.56	3674.7	5732.5	5.0	7.3	191.6	YES	978
30	1.50	3967.8	5951.7	5.0	7.3	190.3	YES	894
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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: Nov-21

Minimum UVT [%] during month: 89 Duty sensor variation from reference sensor: 1.032 %

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	894	162	y	1.147		-
2	923	152	y	1.135		-
3	937	166	y	1.117		-
4	953	168	y	1.093		-
5	922	212	y	1.085	0.001	0.09
6	951	162	y	1.053		-
7	972	191	y	1.078		-
8	892	181	y	1.137		-
9	944	180	y	1.102		-
10	924	232	y	0.956		-
11	943	135	y	1.091		-
12	926	138	y	1.098		-
13	926	115	y	1.075		-
14	877	132	y	1.093		-
15	937	126	y	1.085		-
16	944	129	y	1.131		-
17	877	130	y	1.157		-
18	911	166	y	1.116		-
19	900	174	y	1.111		-
20	945	173	y	1.104		-
21	967	171	y	1.132		-
22	929	180	y	1.119		-
23	884	190	y	1.113		-
24	874	232	y	1.127		-
25	898	228	y	1.075		-
26	910	230	y	1.058		-
27	910	229	y	1.07		-
28	900	234	y	1.103		-
29	978	217	y	1.096		-
30	894	236	y	1.095		-
31						#DIV/0!
Monthly Total Column {A} and Column {B}				32.952	0.001	
Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%]						0.0030

Signature: Dennis Barber

Op Cert #: T-08465 Date: 12-7-21

Raw Water E. Coli Data

System Name: Baker City

ID#: 4100073

Month/Year: _____

Nov-21

Date/Time	Total E. Coli	Fecal Coliform	Comments
1/ 09:10		ND	
2/ 09:10			2
3/ 09:20		ND	
4/			
5/			
6/			
7/			
8/ 09:00		ND	
9/ 09:10		ND	
10/ 09:25			4
11/			
12/			
13/			
14/			
15/ 09:10		ND	
16/ 09:15		ND	
17/ 09:10		ND	
18/			
19/			
20/			
21/			
22/ 09:05			1.8
23/ 09:30		ND	
23/ 11:40		ND	
25/			
26/			
27/			
28/			
29/ 09:35			4.5
30/ 09:10			2
31/			