

# OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Linn Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

**System Name: BROWNSVILLE, CITY OF ID#: OR4100152 WTP-: WTP-A Month/Ye Jun-23**

DAY	12:00 AM (NTU)	4:00 AM (NTU)	8:00 AM (NTU)	NOON (NTU)	4:00 PM (NTU)	8:00 PM (NTU)	Highest Reading of the Day <sup>1</sup> (NTU)
1			0.034				
2			0.037				
3			0.033				
4			0.032				
5			0.036				
6			0.188				
7			0.085				
8			0.040				
9			0.033				
10			0.032				
11			0.030				
12			0.031				
13			0.045				
14			0.067				
15			0.048				
16			0.039				
17			0.034				
18			0.035				
19			0.035				
20			0.034				
21			0.036				
22			0.034				
23			0.033				
24			0.032				
25			0.031				
26			0.031				
27			0.032				
28			0.033				
29			0.034				
30			0.032				
31							

<b>Slow Sand/Membrane/DE Filtration/Unfiltered</b>		<b>Montly Summary (Answer Yes or No)</b>	
95% of turbidity readings ≤ 1 NTU? All turbidity readings ≤ 5 NTU?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No <sup>4</sup>	CT's met everyday? (see back) <input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl <sup>2</sup> residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
<b>Notes:</b>	<b>PRINTED NAME:</b> Karl Frink		<b>DATE:</b> 7/12/2023
	<b>SIGNATURE:</b> <i>Karl Frink</i>		<b>CERT #:</b> 7037
	<b>PHONE #:</b> (541)466-3381		

<sup>1</sup> Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM" through "8 PM" may not correspond to continuous readings' maximum. <sup>2</sup> Filtered systems only.

## OHA - Drinking Water Program - Surface Water Quality Data Form

**BROWNSVILLE, CITY OF**    **ID #: OR4100152**    **WTP-:WTP-A**    **Month/Year:**    **Jun-23**

Date/ Time	Minimum $\text{Cl}_2$ Residual at 1 <sup>st</sup> User ( C ) <sup>3</sup>	Contact Time ( T )	Actual CT	Temp	pH	Required CT	CT Met?	Peak Hourly Demand Flow
	[ppm or mg/l]	[minutes]	<b>C X T</b>	°C		Use Tables	Yes/No	[GPM]
1/	0.73	83	60.59	16.4	8.09	35	YES	373
2/	0.53	83	43.99	16.5	8.83	43	YES	377
3/	0.79	83	65.57	16.6	8.62	43	YES	388
4/	0.62	83	51.46	17.0	8.56	39	YES	389
5/	1.02	83	84.66	18.0	8.62	41	YES	386
6/	1.17	83	97.11	17.6	8.10	36	YES	375
7/	0.56	83	46.48	18.1	8.18	32	YES	400
8/	0.52	83	43.16	18.1	7.83	28	YES	344
9/	0.58	83	48.14	18.6	7.74	27	YES	344
10/	0.82	83	68.06	18.1	7.71	28	YES	373
11/	0.77	83	63.91	18.3	7.82	29	YES	339
12/	0.69	83	57.27	19.4	7.55	24	YES	369
13/	1.16	83	96.28	19.7	7.84	29	YES	365
14/	1.17	83	97.11	18.5	7.92	30	YES	353
15/	0.86	83	71.38	19.7	7.73	26	YES	370
16/	0.72	83	59.76	18.9	7.62	27	YES	369
17/	1.34	83	111.22	19.3	7.52	26	YES	354
18/	0.79	83	65.57	19.5	8.15	30	YES	358
19/	0.77	83	63.91	18.0	7.73	28	YES	355
20/	0.80	83	66.40	17.1	8.11	33	YES	357
21/	1.03	83	85.49	17.5	8.12	36	YES	361
22/	1.14	83	94.62	17.0	7.52	29	YES	364
23/	1.20	83	99.60	17.8	7.53	29	YES	373
24/	0.88	83	73.04	18.4	7.50	26	YES	383
25/	0.81	83	67.23	19.0	7.59	25	YES	379
26/	0.81	83	67.23	19.4	7.49	24	YES	364
27/	0.71	83	58.93	19.7	7.34	23	YES	358
28/	0.68	83	56.44	20.1	7.20	21	YES	360
29/	0.72	83	59.76	20.4	7.24	20	YES	366
30/	0.51	83	42.33	20.9	7.22	18	YES	365
31/								

# CITY OF BROWNSVILLE

## RECORD OF DAILY CHLORINE APPLICATION

Water system ID #: **4100152**      Number of Services: 804      Water Superintendent: **Karl Frink**

Source of Water: Calapooia River      Number of Connections: 804      Month/Year: Jun-23

Chlorine Strength as Fed: 12.5% Sodium Hypochlorite      Make and Type of Chlorinator: LMI-Diaphragm Pump

DAY OF MONTH	MASTER METER READING GALLONS [X] CU. FEET [ ]	DAILY WATER PRODUCTION MGD	SODIUM HYPOCHLORITE USED: POUNDS [ ] GALLONS [X]	CHLORINE RESIDUAL TESTS SAMPLING POINTS (SP)								REMARKS: Show below, by date, unusual occurrences * or operation of the water system.
				SP #1		SP #2		SP#3		SP #4		
				TIME	MG/L	TIME	MG/L	TIME	MG/L	TIME	MG/L	
1	0	0.353		8:12	0.29	9:47	0.57	9:55	0.57	10:23	0.50	
2	353,230	0.397		8:34	0.38	8:44	0.71	8:53	0.50	9:17	0.38	
3	749,761	0.469										
4	1,218,864	0.340										
5	1,558,937	0.453		7:19	0.36	7:31	0.51	7:37	0.52	8:00	0.37	
6	2,011,671	0.486		9:06	0.36	9:17	0.59	9:21	0.52	9:57	0.49	
7	2,497,549	0.456		9:34	0.47	9:41	0.76	9:46	0.81	10:08	0.79	
8	2,953,666	0.415		8:16	0.23	8:34	0.36	8:39	0.60	9:02	0.42	
9	3,368,556	0.395		8:42	0.50	8:50	0.66	8:58	0.66	9:27	0.57	
10	3,763,923	0.481										
11	4,244,503	0.412										
12	4,656,180	0.474		9:08	0.21	9:31	0.56	9:37	0.58	9:56	0.73	
13	5,129,893	0.471		8:42	0.51	9:11	0.92	9:17	1.11	9:43	1.10	
14	5,601,198	0.380		8:28	0.57	8:41	0.95	8:48	0.70	9:08	0.96	
15	5,981,409	0.427		9:24	0.77	9:47	0.56	9:53	0.62	10:11	0.87	
16	6,408,486	0.460		8:22	0.61	8:31	0.63	8:38	0.81	8:58	0.76	
17	6,868,092	0.369										
18	7,237,129	0.389										
19	7,626,564	0.264		8:54	0.66	9:06	0.23	9:11	0.75	9:27	0.47	
20	7,890,434	0.293		9:18	0.47	9:29	0.98	9:33	0.85	9:54	0.82	
21	8,183,137	0.448		8:47	0.54	1:35	1.01	1:40	0.82	2:03	0.88	
22	8,631,195	0.438		9:14	0.49	9:33	0.44	9:43	0.21	10:09	0.70	
23	9,069,546	0.453		8:43	0.23	8:54	0.69	9:03	1.59	9:24	1.57	
24	9,522,114	0.464										
25	9,985,668	0.466										
26	10,451,927	0.443		8:56	0.72	9:11	0.73	9:22	0.93	9:44	0.85	
27	10,895,190	0.472		7:49	0.65	7:59	0.84	8:08	0.88	8:43	0.88	
28	11,366,974	0.473		8:42	0.50	9:33	0.61	9:43	0.90	10:03	0.88	
29	11,840,441	0.422		9:11	0.49	9:22	0.94	9:31	1.07	9:53	1.01	
30	12,262,352	0.452		7:30	0.47	7:50	0.46	7:58	0.75	8:20	0.76	
31	12,714,238											

Water Supervisor Signature: Karl Frink      Date: 7/12/2023

NOTE: This form is to be completed and returned by the tenth of the following month to:  
OHA-Drinking Water Program, PO BOX 14350, Portland, OR 97293-0350