

# 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 Mar-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			0.030				
2			0.026				
3			0.026				
4			0.029				
5			0.025				
6			0.025				
7			0.027				
8			0.028				
9			0.027				
10			0.031				
11			0.027				
12			0.028				
13			0.029				
14			0.027				
15			0.028				
16			0.026				
17			0.027				
18			0.036				
19			0.027				
20			0.027				
21			0.027				
22			0.026				
23			0.026				
24			0.026				
25			0.029				
26			0.026				
27			0.026				
28			0.026				
29			0.028				
30			0.026				
31			0.025				

<b>Slow Sand/Membrane/DE Filtration/Unfiltered</b>		<b>Monthly 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> 4/5/2023
	<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:**    **Mar-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/	1.43	83	118.69	12.5	8.65	66	YES	222
2/	0.61	83	50.63	10.7	7.51	46	YES	190
3/	1.10	83	91.30	10.7	7.52	48	YES	215
4/	1.08	83	89.64	11.1	7.66	51	YES	184
5/	1.00	83	83.00	10.6	7.96	49	YES	186
6/	0.71	83	58.93	10.4	7.60	46	YES	214
7/	0.92	83	76.36	10.8	7.59	47	YES	216
8/	0.89	83	73.87	10.7	7.53	47	YES	222
9/	1.07	83	88.81	10.8	7.64	50	YES	213
10/	0.94	83	78.02	12.5	7.80	44	YES	215
11/	1.71	83	141.93	10.4	7.98	60	YES	185
12/	0.68	83	56.44	11.1	7.34	40	YES	186
13/	0.55	83	45.65	11.3	7.20	36	YES	190
14/	0.94	83	78.02	10.8	7.76	50	YES	217
15/	0.65	83	53.95	10.7	7.39	43	YES	211
16/	0.84	83	69.72	11.0	7.31	41	YES	222
17/	0.96	83	79.68	11.5	7.25	39	YES	213
18/	1.33	83	110.39	12.1	7.23	38	YES	209
19/	0.81	83	67.23	11.5	7.33	41	YES	190
20/	0.95	83	78.85	12.2	7.34	38	YES	214
21/	1.17	83	97.11	10.9	7.45	46	YES	220
22/	0.66	83	54.78	11.4	7.35	40	YES	211
23/	1.01	83	83.83	11.3	7.39	41	YES	222
24/	1.21	83	100.43	10.5	7.62	51	YES	213
25/	1.72	83	142.76	10.5	8.29	67	YES	185
26/	0.90	83	74.70	10.5	7.76	50	YES	190
27/	1.02	83	84.66	10.4	7.65	50	YES	185
28/	1.77	83	146.91	10.2	7.48	49	YES	215
29/	1.32	83	109.56	9.8	7.83	62	YES	210
30/	1.04	83	86.32	11.1	7.42	43	YES	214
31/	1.21	83	100.43	10.7	7.43	46	YES	212

# 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: Mar-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	0.280		9:30	1.57	9:47	0.47	9:51	1.58	10:14	1.71	
2	280,407	0.298		9:05	1.31	9:12	0.52	9:17	1.54	9:40	1.53	
3	578,514	0.213		9:13	1.60	9:26	1.55	9:30	1.58	9:48	1.52	
4	791,246	0.265										
5	1,056,715	0.311										
6	1,367,794	0.292		8:38	1.12	8:55	1.53	9:03	1.51	9:30	1.53	
7	1,660,052	0.226		8:15	1.49	9:40	1.36	9:48	1.49	9:25	1.26	
8	1,886,401	0.305		8:35	1.35	8:55	1.44	9:03	1.40	9:28	1.36	
9	2,191,306	0.221		9:20	1.00	9:53	1.52	9:59	1.61	10:18	0.94	
10	2,412,425	0.250		9:36	0.89	9:04	0.53	9:10	0.55	9:27	0.49	
11	2,662,087	0.273										
12	2,935,000	0.299										
13	3,233,642	0.282		8:26	0.86	8:46	0.35	8:50	0.32	9:08	0.51	
14	3,515,993	0.265		9:34	0.85	9:41	1.23	9:47	1.61	10:10	0.65	
15	3,781,441	0.326		9:23	1.59	9:52	0.88	9:58	0.74	10:18	1.26	
16	4,107,781	0.237		9:18	0.66	9:45	0.80	9:51	0.37	10:20	0.27	
17	4,344,900	0.261		9:21	0.82	9:28	0.47	9:34	0.58	10:03	0.84	
18	4,605,544	0.266										
19	4,871,644	0.300										
20	5,171,849	0.264		9:13	0.60	9:23	0.30	9:24	0.45	9:49	0.21	
21	5,435,907	0.304		9:25	0.27	9:45	0.85	9:55	0.93	10:23	0.73	
22	5,739,452	0.218		8:58	0.51	9:07	0.67	9:16	0.96	9:44	0.77	
23	5,957,777	0.315		8:39	0.49	8:51	0.69	8:58	0.53	9:38	0.62	
24	6,273,199	0.184		9:30	0.55	9:42	0.69	9:49	0.76	10:09	0.53	
25	6,456,982	0.287										
26	6,743,523	0.332										
27	7,075,863	0.297		9:50	0.67	10:01	1.20	10:05	0.52	10:33	0.81	
28	7,373,077	0.192		9:31	0.71	9:38	0.87	9:43	0.44	10:03	0.70	
29	7,564,925	0.314		9:36	0.56	9:45	0.60	9:50	1.76	10:08	0.72	
30	7,878,678	0.287		9:58	1.11	10:06	0.68	10:10	1.48	10:26	0.84	
31	8,165,437	0.243		8:51	1.41	9:04	1.62	9:12	1.65	9:36	1.61	

Water Supervisor Signature: Karl Frink      Date: 4/5/2023

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