

# 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 Apr-22**

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			0.044				
2			0.038				
3			0.035				
4			0.034				
5			0.033				
6			0.032				
7			0.032				
8			0.032				
9			0.032				
10			0.031				
11			0.033				
12			0.032				
13			0.031				
14			0.033				
15			0.032				
16			0.032				
17			0.033				
18			0.032				
19			0.032				
20			0.032				
21			0.034				
22			0.031				
23			0.031				
24			0.030				
25			0.029				
26			0.030				
27			0.030				
28			0.028				
29			0.027				
30			0.027				
31							

<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 checked="" type="radio"/> No <input checked="" type="radio"/> Yes <input checked="" type="radio"/> No <sup>4</sup>	CT's met everyday? (see back)	<input checked="" type="radio"/> Yes <input checked="" type="radio"/> No
			All Cl <sup>2</sup> residual at entry point > 0.2 mg/l?
			<input checked="" type="radio"/> Yes <input checked="" type="radio"/> No
<b>Notes:</b>		<b>PRINTED NAME:</b> Karl Frink	
		<b>SIGNATURE:</b> <i>Karl Frink</i>	<b>DATE:</b> 5/4/2022
		<b>PHONE #:</b> (541)466-3381	<b>CERT #:</b> 7037

<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:**    **Apr-22**

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/	1.09	83	90.47	11.0	7.44	43	YES	221
2/	1.21	83	100.43	12.2	8.71	67	YES	219
3/	1.14	83	94.62	12.5	7.92	48	YES	217
4/	0.89	83	73.87	12.5	7.20	35	YES	216
5/	0.64	83	53.12	12.1	7.52	40	YES	211
6/	0.80	83	66.40	12.0	7.23	36	YES	203
7/	0.84	83	69.72	12.0	7.24	36	YES	227
8/	1.31	83	108.73	12.3	7.21	38	YES	219
9/	1.36	83	112.88	12.2	7.37	39	YES	221
10/	1.35	83	112.05	11.9	7.33	42	YES	220
11/	1.39	83	115.37	11.4	7.43	44	YES	223
12/	1.32	83	109.56	10.9	7.52	49	YES	219
13/	0.99	83	82.17	10.7	7.34	43	YES	222
14/	1.22	83	101.26	10.8	7.54	49	YES	220
15/	1.23	83	102.09	10.9	7.41	47	YES	223
16/	0.66	83	54.78	11.4	7.25	38	YES	218
17/	1.07	83	88.81	12.0	7.23	37	YES	223
18/	0.67	83	55.61	11.3	7.34	40	YES	224
19/	0.84	83	69.72	11.3	7.45	42	YES	218
20/	0.98	83	81.34	11.1	7.32	41	YES	217
21/	0.97	83	80.51	12.2	7.34	38	YES	220
22/	0.59	83	48.97	11.7	7.21	38	YES	221
23/	0.70	83	58.10	12.3	7.26	36	YES	220
24/	0.50	83	41.50	13.2	7.27	32	YES	223
25/	0.72	83	59.76	12.6	7.31	37	YES	219
26/	0.93	83	77.19	12.2	7.34	38	YES	222
27/	1.35	83	112.05	13.5	7.64	41	YES	221
28/	1.20	83	99.60	12.5	7.66	43	YES	215
29/	1.16	83	96.28	12.5	7.71	45	YES	220
30/	1.17	83	97.11	12.6	7.77	45	YES	217
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: Apr-22

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	8,247,092	0.225		8:27	0.33	8:26	0.23	8:42	0.74	9:07	0.75	
2	8,472,393	0.287										
3	8,759,581	0.296										
4	9,055,159	0.268		9:13	1.03	9:47	1.16	9:54	0.94	10:16	0.71	
5	9,323,514	0.294		8:14	0.90	8:39	1.08	8:43	0.77	10:06	0.66	
6	9,617,029	0.282		8:57	1.05	9:21	1.62	9:29	1.33	9:49	1.20	
7	9,899,216	0.236		8:38	1.65	9:05	1.82	9:12	1.73	9:33	1.40	
8	10,135,343	0.271		8:51	1.50	9:02	1.74	9:11	1.83	9:33	1.60	
9	10,406,089	0.279										
10	10,685,213	0.230										
11	10,915,445	0.302		9:24	1.56	9:35	0.55	9:40	1.29	10:01	1.40	
12	11,217,106	0.310		9:07	1.50	9:32	1.12	9:38	1.24	10:05	1.01	
13	11,527,400	0.296		9:30	0.89	9:54	0.94	9:59	0.76	10:23	0.93	
14	11,823,740	0.300		8:57	0.93	9:13	1.07	9:19	1.00	8:40	1.13	
15	12,124,097	0.285		8:30	0.88	8:38	0.99	8:45	1.07	9:10	1.05	
16	12,409,341	0.274										
17	12,683,293	0.297										
18	12,980,603	0.298		9:45	0.33	10:01	0.66	10:08	0.46	10:31	0.73	
19	13,278,925	0.306		9:33	0.42	9:50	0.48	9:56	0.46	10:42	0.50	
20	13,585,052	0.235		9:15	0.42	9:39	0.34	9:45	0.59	10:07	0.41	
21	13,820,524	0.300		9:12	0.46	9:32	0.44	9:37	0.62	9:58	0.59	
22	14,120,088	0.285		9:03	0.42	9:13	0.58	9:18	0.76	9:47	0.24	
23	14,405,093	0.254										
24	14,659,058	0.299										
25	14,958,281	0.313		8:57	0.36	9:07	0.27	9:11	0.38	9:29	0.30	
26	15,271,047	0.192		9:32	0.32	9:41	0.26	9:45	0.40	9:58	0.27	
27	15,463,371	0.324		9:18	0.62	9:29	0.29	9:33	1.29	9:51	0.25	
28	15,787,353	0.236		10:19	1.10	10:28	1.47	10:32	1.54	10:48	0.70	
29	16,023,145	0.247		9:10	1.50	9:20	1.51	8:24	1.50	9:43	0.78	
30	16,269,758											
31												

Water Supervisor Signature: Karl Frink      Date: 5/4/2022

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