

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 Feb-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 ¹ (NTU)
1			0.027				
2			0.027				
3			0.028				
4			0.028				
5			0.028				
6			0.027				
7			0.026				
8			0.028				
9			0.028				
10			0.034				
11			0.041				
12			0.047				
13			0.050				
14			0.049				
15			0.050				
16			0.062				
17			0.086				
18			0.062				
19			0.059				
20			0.060				
21			0.052				
22			0.055				
23			0.067				
24			0.065				
25			0.059				
26			0.053				
27			0.055				
28			0.060				
29							
30							
31							

Slow Sand/Membrane/DE Filtration/Unfiltered		Montly Summary (Answer Yes or No)	
95% of turbidity readings ≤ 1 NTU? All turbidity readings ≤ 5 NTU?	Yes/No Yes/No	CT's met everyday? (see back) Yes/No	All Cl ⁻ residual at entry point ≥ 0.2 mg/l? Yes/No
Notes:	PRINTED NAME: Karl Frink		DATE: 3/9/2022
	SIGNATURE: <i>Karl Frink</i>		CERT #: 7037
	PHONE #: (541)466-3381		

¹ 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. ² Filtered systems only.

OHA - Drinking Water Program - Surface Water Quality Data Form

BROWNSVILLE, CITY OF **ID #: OR4100152** **WTP-:WTP-A** **Month/Year:** **Feb-22**

Date/ Time	Minimum Cl_2 Residual at 1 st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met?	Peak Hourly Demand Flow
	[ppm or mg/l]	[minutes]	C X T	°C		Use Tables	Yes/No	[GPM]
1/	0.91	83	75.53	11.8	7.36	41	YES	362
2/	0.87	83	72.21	12.0	7.31	38	YES	368
3/	0.83	83	68.89	12.1	7.26	36	YES	364
4/	0.73	83	60.59	12.1	7.46	38	YES	368
5/	0.61	83	50.63	12.3	8.00	42	YES	365
6/	0.57	83	47.31	12.5	7.23	35	YES	371
7/	1.44	83	119.52	12.2	7.20	39	YES	375
8/	1.71	83	141.93	12.1	7.82	50	YES	370
9/	1.27	83	105.41	11.9	8.52	67	YES	341
10/	0.62	83	51.46	11.0	7.89	48	YES	410
11/	0.63	83	52.29	9.0	7.34	45	YES	421
12/	0.58	83	48.14	13.1	7.43	35	YES	364
13/	0.53	83	43.99	12.5	7.54	39	YES	343
14/	1.08	83	89.64	12.6	7.61	43	YES	365
15/	1.02	83	84.66	11.7	7.64	46	YES	332
16/	1.08	83	89.64	11.7	7.64	46	YES	357
17/	1.76	83	146.08	9.6	7.87	61	YES	325
18/	2.06	83	170.98	8.8	8.37	82	YES	132
19/	1.03	83	85.49	8.5	8.35	73	YES	215
20/	0.78	83	64.74	10.2	8.08	55	YES	220
21/	1.18	83	97.94	8.7	8.43	76	YES	214
22/	0.98	83	81.34	8.0	8.14	66	YES	218
23/	0.84	83	69.72	8.0	7.97	61	YES	150
24/	0.88	83	73.04	7.0	7.88	63	YES	140
25/	0.80	83	66.40	7.1	7.63	57	YES	136
26/	0.92	83	76.36	7.0	7.49	54	YES	142
27/	0.80	83	66.40	8.8	7.37	55	YES	141
28/	0.84	83	69.72	7.2	7.42	55	YES	136
29/								
30/								
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: Feb-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	0	0.262		8:58	1.18	9:17	1.06	9:20	0.89	9:41	1.06	
2	262,282	0.261		9:10	0.89	9:27	1.00	9:31	0.87	9:43	0.76	
3	523,085	0.234		9:20	0.85	9:29	0.64	9:33	0.78	9:49	0.80	
4	757,565	0.253		7:06	0.77	7:35	0.47	7:44	0.71	8:05	0.63	
5	1,010,410	0.248										
6	1,258,896	0.291										
7	1,550,115	0.242		10:04	1.14	10:28	1.83	10:31	1.69	10:55	0.59	
8	1,792,582	0.201		9:31	1.78	10:23	1.39	10:31	1.69	11:00	0.55	
9	1,993,272	0.501		7:33	1.44	8:12	0.93	8:20	1.19	11:12	0.55	
10	2,494,371	0.246		8:55	0.61	9:29	0.77	9:30	1.26	9:53	0.84	
11	2,740,150	0.186		9:21	0.61	9:39	0.57	9:46	0.37	10:06	1.00	
12	2,926,279	0.309										
13	3,235,500	0.322										
14	3,557,414	0.293		9:14	0.69	9:33	0.24	9:39	0.59	9:56	0.27	
15	3,850,402	0.281		8:58	0.49	9:35	0.47	9:42	0.44	10:02	0.79	
16	4,131,224	0.286		9:00	0.59	9:22	0.63	9:27	1.10	9:47	0.78	
17	4,417,210	0.293		8:54	0.57	9:43	0.69	9:50	0.34	10:10	0.85	
18	4,710,439	0.197		9:20	0.78	9:28	0.75	9:29	0.86	9:47	0.76	
19	4,907,534	0.266										
20	5,173,661	0.251										
21	5,424,864	0.323										
22	5,747,683	0.198		8:33	0.27	8:45	0.38	8:52	0.29	9:18	0.25	
23	5,945,954	0.291		7:39	0.28	7:49	0.26	7:56	0.35	8:15	0.30	
24	6,236,536	0.221		7:57	0.29	8:06	0.38	8:12	0.24	8:32	0.20	
25	6,457,138	0.266		8:18	0.29	8:29	0.33	8:39	0.40	8:58	0.31	
26	6,722,800	0.273										
27	6,995,876	0.297										
28	7,292,399	0.214		8:56	0.84	9:12	0.44	9:16	0.74	9:36	0.78	
29	7,506,517											
30	0											
31	0											

Water Supervisor Signature: Karl Frink

Date: 3/9/2022

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