

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 Dec-21

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			0.029				
2			0.029				
3			0.029				
4			0.028				
5			0.029				
6			0.028				
7			0.029				
8			0.028				
9			0.028				
10			0.028				
11			0.028				
12			0.028				
13			0.028				
14			0.039				
15			0.027				
16			0.031				
17			0.028				
18			0.029				
19			0.029				
20			0.038				
21			0.028				
22			0.028				
23			0.030				
24			0.034				
25			0.029				
26			0.033				
27			0.029				
28			0.029				
29			0.029				
30			0.029				
31			0.029				

Slow Sand/Membrane/DE Filtration/Unfiltered		Montly Summary (Answer Yes or No)	
95% of turbidity readings \leq 1 NTU? All turbidity readings \leq 5 NTU?	<input checked="" type="radio"/> Yes/ No <input checked="" type="radio"/> Yes/ No ⁴	CT's met everyday? (see back) <input checked="" type="radio"/> Yes/ No	All Cl ² residual at entry point \geq 0.2 mg/l? <input checked="" type="radio"/> Yes/ No
Notes:	PRINTED NAME: Karl Frink		DATE: 1/5/2022
	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:** **Dec-21**

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/	0.80	83	66.40	14.7	7.73	36	YES	361
2/	1.51	83	125.33	14.8	8.65	55	YES	363
3/	0.76	83	63.08	14.5	7.31	31	YES	364
4/	0.79	83	65.57	14.0	7.43	32	YES	364
5/	0.79	83	65.57	14.0	7.44	32	YES	365
6/	0.85	83	70.55	13.6	7.56	37	YES	367
7/	0.82	83	68.06	13.6	7.70	39	YES	362
8/	0.64	83	53.12	14.6	7.29	30	YES	363
9/	0.65	83	53.95	13.9	7.31	34	YES	363
10/	0.74	83	61.42	13.3	7.49	35	YES	364
11/	0.93	83	77.19	13.6	7.78	40	YES	361
12/	0.78	83	64.74	13.3	7.84	41	YES	367
13/	0.52	83	43.16	13.3	7.35	33	YES	365
14/	0.64	83	53.12	13.3	7.56	36	YES	365
15/	0.59	83	48.97	12.9	7.87	40	YES	359
16/	0.81	83	67.23	13.1	7.99	43	YES	368
17/	0.57	83	47.31	13.3	7.25	32	YES	364
18/	0.64	83	53.12	13.4	7.41	35	YES	361
19/	0.50	83	41.50	13.4	7.50	36	YES	363
20/	0.54	83	44.82	13.0	7.52	36	YES	361
21/	0.63	83	52.29	13.0	7.46	35	YES	358
22/	0.67	83	55.61	13.1	7.43	32	YES	360
23/	0.71	83	58.93	13.0	7.40	34	YES	363
24/	0.78	83	64.74	13.3	7.35	34	YES	367
25/	0.95	83	78.85	12.3	7.44	39	YES	360
26/	0.92	83	76.36	12.2	7.45	39	YES	366
27/	1.23	83	102.09	11.7	7.62	48	YES	365
28/	1.20	83	99.60	11.9	7.57	45	YES	363
29/	1.06	83	87.98	12.1	7.52	42	YES	368
30/	1.37	83	113.71	12.1	7.96	49	YES	359
31/	1.40	83	116.20	12.1	8.53	60	YES	361

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: Dec-21

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	0.260		8:03	0.33	8:26	0.53	8:32	0.62	8:50	0.58	
2	260,395	0.268		7:55	0.44	8:20	0.52	8:26	0.74	8:47	0.35	
3	528,446	0.243		8:06	0.55	8:15	0.55	8:22	0.42	8:42	0.24	
4	771,112	0.254										
5	1,024,722	0.262										
6	1,287,117	0.261		8:31	0.76	8:44	0.57	8:50	0.61	9:12	0.75	
7	1,547,899	0.253		8:32	0.75	9:32	0.70	9:36	0.73	10:00	0.69	
8	1,800,670	0.263		8:26	0.57	8:37	0.66	8:43	0.70	9:02	0.59	
9	2,063,957	0.286		8:20	0.52	8:30	0.29	8:34	0.40	8:56	0.39	
10	2,350,400	0.230		9:50	0.54	10:00	0.33	10:04	0.46	10:26	0.40	
11	2,580,639	0.283										
12	2,863,426	0.258										
13	3,121,389	0.270		8:16	0.57	9:30	0.51	9:37	0.24	8:24	0.56	
14	3,391,166	0.299		9:07	0.53	9:20	0.30	9:30	0.57	9:55	0.52	
15	3,690,567	0.270		9:15	0.42	9:27	0.57	9:55	0.52	9:55	0.60	
16	3,960,630	0.263		8:17	0.56	8:41	0.59	8:46	0.60	9:08	0.60	
17	4,223,324	0.264		9:53	0.46	10:04	0.37	10:11	0.51	10:33	0.53	
18	4,486,901	0.299										
19	4,785,838	0.255										
20	5,041,307	0.325		8:16	0.55	8:39	0.48	8:44	0.49	9:03	0.54	
21	5,366,438	0.255		9:25	0.47	9:38	0.42	9:44	0.40	10:20	0.43	
22	5,620,952	0.245		9:15	0.42	9:28	0.48	9:34	0.25	10:23	0.58	
23	5,866,242	0.276										
24	6,141,829	0.296										
25	6,437,353	0.300										
26	6,737,625	0.290										
27	7,027,847	0.307		9:40	0.49	9:50	0.68	10:01	0.77	10:33	0.83	
28	7,334,869	0.299		9:27	0.60	9:46	0.76	9:51	0.69	10:13	0.47	
29	7,633,963	0.276		9:06	0.73	9:27	0.69	9:33	0.88	9:56	0.57	
30	7,909,606	0.294										
31	8,203,736	0.254										

Water Supervisor Signature: Karl Frink Date: 1/5/2022

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