

**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 **Jul-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			0.042				
2			0.034				
3			0.036				
4			0.032				
5			0.032				
6			0.029				
7			0.025				
8			0.032				
9			0.032				
10			0.036				
11			0.033				
12			0.034				
13			0.031				
14			0.032				
15			0.035				
16			0.032				
17			0.034				
18			0.033				
19			0.034				
20			0.033				
21			0.033				
22			0.035				
23			0.031				
24			0.035				
25			0.037				
26			0.038				
27			0.034				
28			0.030				
29			0.035				
30			0.035				
31			0.030				

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		
	SIGNATURE: <i>KF</i>		DATE: 8-9-21
	PHONE #: (541)466-3381		CERT #: 7037

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:** **Jul-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/	0.67	83	55.61	25.6	8.03	19	YES	383
2/	0.77	83	63.91	22.7	7.87	22	YES	397
3/	0.71	83	58.93	23.7	7.98	21	YES	386
4/	0.92	83	76.36	23.2	7.27	17	YES	361
5/	0.85	83	70.55	23.5	7.53	19	YES	394
6/	0.93	83	77.19	23.6	7.51	19	YES	400
7/	0.97	83	80.51	23.6	7.39	17	YES	404
8/	0.82	83	68.06	23.0	8.60	27	YES	398
9/	0.85	83	70.55	22.5	8.16	25	YES	408
10/	0.74	83	61.42	23.6	8.00	21	YES	386
11/	0.74	83	61.42	23.3	7.57	18	YES	359
12/	0.74	83	61.42	24.0	7.76	18	YES	398
13/	0.84	83	69.72	23.4	7.70	19	YES	415
14/	0.88	83	73.04	23.5	7.42	18	YES	421
15/	0.75	83	62.25	23.8	7.47	18	YES	383
16/	0.92	83	76.36	22.5	7.29	18	YES	412
17/	0.92	83	76.36	23.0	7.71	19	YES	385
18/	1.02	83	84.66	22.5	7.42	19	YES	360
19/	1.03	83	85.49	22.5	7.33	18	YES	400
20/	1.01	83	83.83	22.7	7.84	23	YES	414
21/	1.04	83	86.32	22.6	8.06	25	YES	394
22/	0.85	83	70.55	23.2	8.68	28	YES	400
23/	1.06	83	87.98	21.9	7.91	26	YES	414
24/	1.02	83	84.66	22.5	8.17	26	YES	378
25/	0.91	83	75.53	23.3	8.07	23	YES	391
26/	0.95	83	78.85	23.1	7.75	20	YES	417
27/	0.91	83	75.53	23.4	7.36	17	YES	370
28/	0.96	83	79.68	23.2	7.22	17	YES	405
29/	1.17	83	97.11	23.4	7.42	18	YES	413
30/	1.15	83	95.45	24.0	7.52	17	YES	401
31/	1.20	83	99.60	23.4	7.43	18	YES	417

CITY OF BROWNSVILLE RECORD OF DAILY CHLORINE APPLICATION

Water system ID #: **4100152**

Number of Services: **720**

Water Superintendent: **Karl Frink**

Source of Water: **Calapooia River**

Number of Connections: **720**

Month/Year: **Jul-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	0.457		9:10	0.53	9:55	0.32	
2	456,762	0.362		8:42	0.51	9:05	0.62	9:14	0.54	9:33	0.45	
3	818,375	0.468										
4	1,286,078	0.538										
5	1,824,473	0.373										
6	2,197,601	0.528		8:36	0.40	9:00	0.66	9:14	0.68	9:37	0.47	
7	2,725,484	0.336		8:47	0.56	9:24	0.71	9:29	0.95	9:45	1.00	
8	3,061,368	0.510		8:50	0.51	9:35	0.36	9:41	0.66	9:57	0.63	
9	3,571,158	0.378		8:47	0.53	8:59	0.88	9:03	0.68	9:19	0.59	
10	3,949,199	0.450										
11	4,399,276	0.453										
12	4,852,638	0.484		9:40	0.49	10:34	0.42	10:38	0.42	10:59	0.44	
13	5,336,880	0.504		9:45	0.55	10:04	0.28	10:18	0.53	10:34	0.40	
14	5,841,254	0.407		9:03	0.61	9:24	0.83	9:31	0.67	9:51	0.45	
15	6,248,002	0.449		9:25	0.74	9:44	0.56	9:50	1.18	10:08	0.96	
16	6,697,486	0.422		9:09	0.52	9:30	0.49	9:36	0.62	9:55	0.40	
17	7,119,392	0.403										
18	7,521,900	0.560										
19	8,081,908	0.360		9:30	0.75	9:47	0.64	9:52	0.73	10:08	0.74	
20	8,442,015	0.517		8:43	0.54	9:05	0.66	9:09	0.77	9:32	0.89	
21	8,958,570	0.340		8:28	0.55	8:44	0.92	8:48	0.77	9:09	0.63	
22	9,298,308	0.504		9:04	0.80	9:29	0.38	9:34	0.71	9:59	0.41	
23	9,801,829	0.457		9:04	0.78	9:11	0.70	9:15	0.76	9:31	0.48	
24	10,258,981	0.459										
25	10,718,087	0.507										
26	11,224,795	0.499		9:41	0.70	10:05	0.76	10:10	0.61	10:31	0.65	
27	11,723,428	0.546		8:43	0.53	9:01	1.00	9:06	0.87	9:26	0.82	
28	12,269,814	0.497		9:38	0.62	10:06	0.38	10:11	0.64	10:28	0.64	
29	12,767,309	0.430		8:23	0.67	8:53	0.75	8:58	0.87	9:15	0.76	
30	13,197,062	0.469		8:47	0.66	9:05	0.44	9:10	0.52	9:36	0.87	
31	13,666,214	0.524										

Water Supervisor Signature: K7-O

Date: 8-9-21

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