

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-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 ¹ (NTU)
1			0.032				
2			0.031				
3			0.031				
4			0.033				
5			0.034				
6			0.051				
7			0.044				
8			0.039				
9			0.038				
10			0.037				
11			0.035				
12			0.035				
13			0.036				
14			0.035				
15			0.035				
16			0.034				
17			0.033				
18			0.033				
19			0.033				
20			0.034				
21			0.034				
22			0.033				
23			0.034				
24			0.031				
25			0.032				
26			0.031				
27			0.031				
28			0.031				
29			0.031				
30			0.031				
31			0.031				

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?	CT's met everyday? (see back) <input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl ² residual at entry point \geq 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
Notes:	PRINTED NAME: Karl Frink	
	SIGNATURE: <i>Karl Frink</i>	DATE: 8/2/2023
	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-23**

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/	1.49	83	123.67	21.3	7.65	24	YES	359
2/	4.42	83	366.86	21.3	7.26	21	YES	347
3/	4.54	83	376.82	.21.4	7.38	22	YES	384
4/	1.04	83	86.32	21.7	7.34	21	YES	380
5/	1.28	83	106.24	21.8	7.41	22	YES	366
6/	0.84	83	69.72	22.1	7.29	19	YES	382
7/	0.74	83	61.42	21.9	7.24	19	YES	377
8/	1.11	83	92.13	21.4	7.33	21	YES	376
9/	1.26	83	104.58	21.0	7.89	25	YES	414
10/	0.73	83	60.59	21.5	7.71	23	YES	352
11/	0.47	83	39.01	20.6	7.20	20	YES	365
12/	0.50	83	41.50	21.4	7.56	21	YES	383
13/	0.48	83	39.84	21.4	7.21	18	YES	398
14/	0.56	83	46.48	22.2	7.28	17	YES	359
15/	0.74	83	61.42	22.2	7.76	21	YES	367
16/	0.56	83	46.48	23.1	7.61	18	YES	400
17/	0.61	83	50.63	22.6	7.34	18	YES	369
18/	0.64	83	53.12	22.3	7.42	19	YES	361
19/	0.62	83	51.46	22.9	7.55	19	YES	360
20/	0.59	83	48.97	22.3	7.41	18	YES	362
21/	0.73	83	60.59	22.1	7.50	20	YES	365
22/	0.65	83	53.95	23.0	7.85	21	YES	363
23/	0.31	83	25.73	22.7	7.39	18	YES	357
24/	0.51	83	42.33	23.2	7.67	18	YES	374
25/	0.79	83	65.57	21.9	7.31	20	YES	363
26/	0.81	83	67.23	22.7	7.52	20	YES	362
27/	0.44	83	36.52	21.8	7.29	18	YES	364
28/	0.94	83	78.02	22.1	7.38	19	YES	392
29/	0.94	83	78.02	21.8	7.36	20	YES	393
30/	1.16	83	96.28	22.6	7.52	21	YES	362
31/	1.13	83	93.79	21.7	7.46	21	YES	383

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: Jul-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	0.473											
2	472,766	0.475											
3	947,304	0.423		8:14	1.04	8:28	0.52	8:38	1.24	8:59	1.17		
4	1,370,233	0.477											
5	1,847,562	0.493		8:38	0.78	8:45	0.49	8:52	0.68	9:27	1.09		
6	2,340,789	0.539		8:28	0.43	8:35	1.01	8:41	0.55	9:09	0.82		
7	2,879,383	0.538		7:41	0.33	8:41	0.74	8:46	0.54	9:10	0.68		
8	3,417,290	0.557											
9	3,974,228	0.429											
10	4,403,340	0.548		9:48	0.35	10:18	0.68	10:24	0.58	10:43	0.63		
11	4,950,961	0.457		8:34	0.41	8:46	0.47	8:53	0.77	9:20	0.38		
12	5,407,500	0.569		8:13	0.41	8:23	0.79	8:30	0.92	8:49	0.54		
13	5,976,331	0.470		8:55	0.55	9:13	0.58	9:17	0.57	9:40	0.56		
14	6,446,530	0.536		8:47	0.21	9:04	0.48	9:10	0.64	9:29	0.47		
15	6,982,602	0.381											
16	7,363,265	0.601											
17	7,964,430	0.528		10:03	0.38	10:11	0.46	10:15	0.68	10:46	0.60		
18	8,492,347	0.464		8:38	0.27	8:47	0.48	8:35	0.40	9:36	0.78		
19	8,955,907	0.532		9:19	0.27	9:26	0.46	9:31	0.47	9:58	0.27		
20	9,488,111	0.564		8:58	0.35	9:05	0.44	9:10	0.32	9:41	0.40		
21	10,052,227	0.335		9:10	0.25	9:17	0.73	9:22	0.60	9:40	0.42		
22	10,387,160	0.538											
23	10,924,973	0.441											
24	11,366,168	0.560		8:48	0.23	9:34	0.44	9:40	0.21	9:59	0.69		
25	11,925,820	0.370		8:33	0.26	8:46	0.73	8:33	0.83	9:19	0.68		
26	12,296,180	0.561		8:38	0.27	9:21	0.31	9:28	0.32	9:48	0.50		
27	12,856,690	0.512		8:25	0.41	8:35	0.25	8:44	0.24	9:08	0.32		
28	13,368,232	0.451		9:25	0.22	9:39	0.23	9:47	0.81	10:10	0.85		
29	13,819,693	0.414											
30	14,233,565	0.508											
31	14,741,734	0.467		7:41	0.24	8:24	0.34	8:30	0.78	8:57	0.72		

Water Supervisor Signature: Karl Frink Date: 8/2/2023

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