

OHA - Drinking Water Services - Surface Water Quality Data Form

County:

Clackamas

Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

Month/Year:

Nov, 2021

System Name:		City of Sandy			ID#: 4100789C		WTP: TP- Bull Run	
	12AM	4 AM	8 AM	NOON	4 PM	8 PM	Highest Reading of	
Slow Sand/Membrane/DE Filtration/Unfiltered					Monthly Summary (Answer Yes or No)			
95% of daily turbidity readings \leq 1 NTU? *2					CT's met Everyday? (see back)		ALL CL2 residuals at Entry Point \geq 0.2 mg/l?	
All daily turbidity readings \leq 5 NTU?					Yes / No		Yes / No	
NOTES: PWB Turbidity reported by PWB					Printed Name: Mike Greene		DATE: 12/08/2021	
					Signature: <i>[Signature]</i>		CERT#: 2097	
					PHONE #: (503) 807-5241			

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP-: Bull Run
 Disinfection Giardia Log Inactiv: 3

System Name: City of Sandy ID#: 4100789 C Month/Year: Nov / 2021

Date / Time	CT Headworks to Larsen					CT Larsen to Hudson					Temp	Required CT	CT Met? *3	Combined Inactivation
	pH	Minimum Cl2 Residual	Contact Time (T)	Actual CT	Required CT	pH	Minimum Cl2 Residual	Contact Time (T)	Actual CT	Required CT				
		[ppm or mg/L]	[minutes]	C X T	formula		[ppm or mg/L]	[minutes]	C X T	formula				
1	6.74	2.75	75.51	207.64	114.22	6.74	2.60	113.62	295.40	112.33	11.82	226.55	Yes	4.45
2	6.74	2.75	75.61	207.94	114.36	6.82	2.52	162.62	409.79	114.61	11.80	228.97	Yes	5.39
3	6.75	2.73	75.78	206.88	115.55	6.75	2.58	113.88	293.80	113.64	11.66	229.19	Yes	4.38
4	6.83	2.72	74.29	202.07	118.05	6.83	2.49	108.44	270.02	115.07	11.74	233.12	Yes	4.06
5	6.76	2.67	80.24	214.24	118.37	6.76	2.54	120.87	307.00	116.67	11.24	235.04	Yes	4.44
6	6.71	2.72	80.31	218.44	119.68	6.71	2.56	120.71	309.01	117.57	10.89	237.25	Yes	4.45
7	6.70	2.72	80.29	218.39	119.35	6.70	2.59	120.76	312.77	117.63	10.88	236.97	Yes	4.49
8	6.83	2.62	80.75	211.56	125.36	6.83	2.58	114.65	295.78	124.80	10.65	250.16	Yes	4.06
9	6.74	2.74	80.73	221.19	126.82	6.74	2.62	114.61	300.28	125.12	10.20	251.93	Yes	4.14
10	6.75	2.70	78.24	211.25	127.19	6.75	2.62	111.50	292.14	126.05	10.14	253.24	Yes	3.98
11	6.69	2.70	78.70	212.50	129.64	6.69	2.65	118.45	313.90	128.91	9.53	258.55	Yes	4.07
12	6.56	2.70	78.26	211.30	126.17	6.56	2.53	117.66	297.68	123.78	9.25	249.96	Yes	4.08
13	6.44	2.76	78.14	215.67	122.85	6.44	2.57	117.48	301.93	120.27	9.12	243.12	Yes	4.27
14	6.38	2.78	78.06	217.01	120.11	6.38	2.64	117.41	309.95	118.25	9.18	238.35	Yes	4.43
15	6.37	2.78	78.11	217.15	119.54	6.37	2.66	117.53	312.64	117.95	9.20	237.48	Yes	4.47
16	6.20	2.22	16,096.00	35,733.12	105.53	6.13	2.21	0.00		102.93	9.26	208.46	Yes	NO FLOW
17	6.14	2.76	83.88	231.51	110.86	6.14	2.74	126.21	345.81	110.62	9.10	221.48	Yes	5.21
18	6.46	2.70	84.72	228.73	124.75	6.46	2.57	120.21	308.94	122.94	8.89	247.69	Yes	4.35
19	6.43	2.74	80.08	219.42	125.56	6.43	2.62	113.54	297.46	123.88	8.70	249.43	Yes	4.15
20	6.43	2.75	80.44	221.20	125.78	6.43	2.64	114.35	301.88	124.24	8.69	250.02	Yes	4.19
21	6.45	2.75	83.95	230.88	128.42	6.45	2.67	119.20	318.27	127.27	8.48	255.70	Yes	4.30
22	6.48	2.72	84.00	228.49	130.89	6.48	2.64	119.24	314.79	129.71	8.30	260.60	Yes	4.17
23	6.47	2.72	83.98	228.42	130.51	6.47	2.65	119.31	316.17	129.49	8.29	260.00	Yes	4.19
24	6.48	2.67	72.61	193.88	131.18	6.48	2.62	102.98	269.81	130.45	8.18	261.63	Yes	3.55
25	6.49	2.68	74.69	200.17	132.93	6.49	2.54	105.96	269.14	130.84	8.05	263.77	Yes	3.56
26	6.49	2.68	74.65	200.07	132.93	6.49	2.55	106.05	270.42	130.99	8.05	263.92	Yes	3.57
27	6.50	2.63	80.70	212.25	133.88	6.50	2.51	114.68	287.84	132.07	7.91	265.95	Yes	3.76
28	6.41	2.74	83.30	228.24	130.81	6.51	2.55	131.81	336.12	132.61	7.97	263.43	Yes	4.28
29	6.43	2.70	83.24	224.76	130.45	6.49	2.54	131.64	334.36	130.84	8.05	261.29	Yes	4.28
30	6.42	2.78	83.84	233.08	131.09	6.51	2.52	132.47	333.83	131.38	8.06	262.47	Yes	4.32

*3 If Cl2 at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.