

OHA - Drinking Water Services - Surface Water Quality Data Form

County: **Clackamas**  
 Month/Year: **Oct, 2022**

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

System Name: <b>City of Sandy</b>		ID#: <b>4100789C</b>	WTP: <b>TP- Bull Run</b>	
<b>Slow Sand/Membrane/DE Filtration/Unfiltered</b>		<b>Monthly Summary (Answer Yes or No)</b>		
95% of daily turbidity readings $\leq$ 1 NTU? *2	<b>Yes / No</b>	CT's met Everyday? (see back)	ALL CL2 residuals at Entry Point $\geq$ 0.2 mg/l?	
All daily turbidity readings $\leq$ 5 NTU?	<b>Yes / No</b>	<b>Yes / No</b>	<b>Yes / No</b>	
NOTES: PWB TURBIDITY REPORTED BY PWB		Printed Name: <b>Mike Greene</b>	DATE: <i>11/7/2022</i>	
		Signature: <i>[Signature]</i>	CERT#: 2097	
		PHONE #: (503) 807-5241		

OHA - Drinking Water Program - Surface Water Quality Data Form

System Name: City of Sandy ID#: 4100789 C Month/Yea Oct / 2022												WTP-: Bull Run	Disinfectio n Giaddia Log Inactiv:	3	
CT Headworks to Larsen						CT Larsen to Hudson									
Date / Time	pH	Minimum Cl2 Residual	Contact Time (T)	Actual CT	Required CT	pH	Minimum Cl2 Residual	Contact Time (T)	Actual CT	Required CT	Temp	Required CT	CT Met? *3	Combined Inactivation	
		[ppm or mg/L]	[minutes]	C X T	formula		[ppm or mg/L]	[minutes]	C X T	formula	[° C]	formula	Yes / No	Ratio	
1	6.63	2.54	85.05	216.02	68.14	6.63	2.51	130.69	328.04	67.91	18.28	136.05	Yes	8.00	
2	6.75	2.54	85.11	216.18	71.51	6.75	2.51	130.04	326.39	71.26	18.23	142.77	Yes	7.60	
3	6.94	2.48	84.46	209.47	77.11	6.94	2.46	129.83	319.39	76.93	18.06	154.04	Yes	6.87	
4	6.87	2.49	72.07	179.45	75.06	6.87	2.55	110.31	281.29	75.57	18.09	150.63	Yes	6.11	
5	6.99	2.49	72.05	179.40	78.49	6.99	2.55	110.13	280.83	79.03	18.09	157.52	Yes	5.84	
6	6.81	2.57	49.67	127.66	74.27	6.81	2.51	74.44	186.84	73.76	18.05	148.03	Yes	4.25	
7	6.81	2.57	49.71	127.76	74.57	6.81	2.51	74.50	186.99	74.06	17.99	148.63	Yes	4.24	
8	6.81	2.57	49.72	127.78	74.67	6.81	2.51	74.52	187.04	74.16	17.97	148.83	Yes	4.23	
9	6.82	2.55	46.95	119.72	74.43	6.82	2.47	70.42	173.94	73.75	18.04	148.18	Yes	3.97	
10	6.82	2.56	47.00	120.33	74.91	6.82	2.50	70.41	176.03	74.40	17.96	149.32	Yes	3.97	
11	6.82	2.57	47.00	120.80	75.05	6.82	2.50	70.47	176.19	74.45	17.95	149.50	Yes	3.98	
12	6.83	2.56	51.04	130.65	75.14	6.83	2.55	76.56	195.22	75.06	17.97	150.20	Yes	4.34	
13	6.83	2.56	51.07	130.74	74.99	6.83	2.55	76.56	195.22	74.91	18.00	149.90	Yes	4.35	
14	6.77	2.47	131.99	326.03	74.81	6.77	2.45	186.59	457.14	74.64	17.55	149.44	Yes	10.48	
15	6.79	2.52	131.93	332.47	75.34	6.79	2.51	186.41	467.89	75.26	17.64	150.60	Yes	10.63	
16	6.83	2.57	129.35	332.42	77.54	6.77	2.50	186.67	466.69	75.22	17.52	152.75	Yes	10.49	
17	6.84	2.46	129.44	318.41	78.41	6.77	2.53	186.85	472.73	77.01	17.22	155.42	Yes	10.20	
18	6.84	2.49	129.66	322.85	79.21	6.78	2.58	186.94	482.30	78.26	17.12	157.48	Yes	10.24	
19	6.79	2.56	132.11	338.21	79.27	6.79	2.59	186.41	482.81	79.55	16.95	158.82	Yes	10.34	
20	6.78	2.56	133.09	340.70	79.09	6.78	2.58	187.46	483.66	79.27	16.93	158.35	Yes	10.41	
21	6.82	2.50	131.63	329.09	81.67	6.82	2.53	185.63	469.65	81.95	16.57	163.62	Yes	9.76	
22	6.80	2.50	131.40	328.49	83.60	6.80	2.56	185.46	474.77	84.17	16.11	167.77	Yes	9.57	
23	6.80	2.50	131.57	328.94	83.71	6.80	2.56	185.54	474.99	84.29	16.09	167.99	Yes	9.56	
24	6.81	2.52	131.63	331.72	85.46	6.81	2.59	185.46	480.34	86.15	15.87	171.61	Yes	9.46	
25	6.90	2.52	131.34	330.97	89.97	6.90	2.58	185.11	477.59	90.59	15.60	180.56	Yes	8.95	
26	6.93	2.46	131.04	322.36	92.37	6.93	2.51	184.69	463.56	92.90	15.27	185.27	Yes	8.48	
27	6.95	2.51	130.68	328.02	96.25	6.95	2.56	184.60	472.58	96.80	14.85	193.04	Yes	8.29	
28	6.95	2.50	130.74	326.86	96.20	6.95	2.55	184.43	470.29	96.75	14.84	192.95	Yes	8.26	
29	6.93	2.52	131.22	330.67	97.64	6.93	2.58	185.03	477.37	98.31	14.54	195.95	Yes	8.24	
30	6.93	2.52	131.04	330.22	97.77	6.93	2.57	185.11	475.74	98.33	14.52	196.10	Yes	8.22	
31	6.92	2.61	131.40	342.94	100.80	6.92	2.64	185.54	489.84	101.15	14.16	201.95	Yes	8.24	

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