


OHA - Drinking Water Services - Surface Water Quality Data Form

County: **Clackamas**

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

Month/Year: **Jul, 2022**

System Name: City of Sandy		ID#: 4100789C		WTP: TP- Bull Run	
Slow Sand/Membrane/DE Filtration/Unfiltered			Monthly Summary (Answer Yes or No)		
95% of daily turbidity readings \leq 1 NTU? *2 Yes / No		CT's met Everyday? (see back) Yes / No		ALL CL2 residuals at Entry Point \geq 0.2 mg/l? Yes / No	
All daily turbidity readings \leq 5 NTU? Yes / No					
NOTES: Turbidity Reported by PWB			Printed Name: Mike Greene		
			Signature 		DATE: 8/5/22
			PHONE #: (503) 807-5241		CERT#: 2097

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP:- Bull Run

System Name:		City of Sandy		ID#: 4100789 C		Month/Yea Jul / 2022					Disinfectio n Giardia 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	6.66	2.64	58.39	154.16	112.71	6.66	2.44	89.37	218.07	110.24	11.41	222.95	Yes	3.35
2	6.66	2.66	58.49	155.57	112.38	6.66	2.44	89.16	217.54	109.67	11.49	222.05	Yes	3.37
3	6.66	2.62	62.23	163.05	112.10	6.66	2.51	95.16	238.84	110.74	11.46	222.84	Yes	3.61
4	6.66	2.71	62.21	168.60	111.84	6.66	2.49	94.94	236.40	109.15	11.65	220.99	Yes	3.67
5	6.66	2.66	62.46	166.14	110.72	6.66	2.49	95.26	237.21	108.66	11.72	219.38	Yes	3.68
6	6.66	2.69	62.51	168.16	110.73	6.66	2.52	95.75	241.30	108.67	11.77	219.39	Yes	3.74
7	6.66	2.63	74.36	195.56	109.50	6.66	2.45	113.64	278.41	107.35	11.84	216.85	Yes	4.38
8	6.66	2.64	74.38	196.37	109.20	6.66	2.46	113.83	280.02	107.05	11.90	216.25	Yes	4.41
9	6.66	2.67	62.58	167.09	107.81	6.66	2.45	95.67	234.39	105.23	12.15	213.04	Yes	3.78
10	6.66	2.69	62.41	167.87	107.49	6.66	2.48	95.43	236.66	105.04	12.23	212.53	Yes	3.81
11	6.66	2.69	62.35	167.73	107.08	6.66	2.48	95.26	236.25	104.63	12.29	211.71	Yes	3.82
12	6.67	2.67	62.76	167.57	105.97	6.67	2.50	95.78	239.45	104.01	12.47	209.99	Yes	3.88
13	6.67	2.68	62.76	168.19	103.25	6.67	2.50	95.86	239.66	101.16	12.53	204.42	Yes	4.00
14	6.67	2.60	62.13	161.53	99.96	6.67	2.44	94.99	231.78	98.16	12.88	198.12	Yes	3.98
15	6.67	2.63	62.27	163.76	100.31	6.67	2.44	95.40	232.77	98.16	12.88	198.47	Yes	4.00
16	6.67	2.64	62.27	164.38	100.02	6.67	2.45	95.34	233.59	97.88	12.94	197.90	Yes	4.03
17	6.67	2.65	62.37	165.29	100.00	6.67	2.51	95.67	240.13	98.42	12.96	198.42	Yes	4.09
18	6.67	2.66	62.21	165.49	98.85	6.67	2.55	95.37	243.20	97.62	13.15	196.48	Yes	4.17
19	6.67	2.64	62.15	164.06	96.81	6.67	2.53	95.10	240.61	95.60	13.43	192.41	Yes	4.21
20	6.67	2.60	62.15	161.58	97.01	6.67	2.51	95.18	238.91	96.02	13.33	193.03	Yes	4.15
21	6.67	2.57	62.25	159.98	94.58	6.67	2.47	95.29	235.37	93.51	13.66	188.08	Yes	4.21
22	6.67	2.60	62.46	162.39	96.05	6.67	2.49	95.21	237.07	94.85	13.48	190.90	Yes	4.19
23	6.67	2.61	62.46	163.02	95.33	6.67	2.49	95.59	238.02	94.03	13.61	189.36	Yes	4.24
24	6.67	2.64	62.41	164.75	93.13	6.67	2.55	95.70	244.03	92.18	14.01	185.32	Yes	4.42
25	6.67	2.55	54.48	138.91	93.61	6.67	2.49	83.37	207.59	92.97	13.78	186.58	Yes	3.72
26	6.68	2.57	54.46	139.97	92.68	6.68	2.47	83.20	205.52	91.63	14.02	184.30	Yes	3.75
27	6.68	2.58	54.16	139.73	92.16	6.68	2.48	82.65	204.97	91.12	14.12	183.28	Yes	3.77
28	6.68	2.57	54.44	139.90	91.69	6.68	2.51	83.02	208.38	91.07	14.18	182.76	Yes	3.81
29	6.68	2.57	62.37	160.30	90.60	6.68	2.49	95.56	237.95	89.77	14.36	180.37	Yes	4.42
30	6.68	2.61	62.76	163.80	92.54	6.68	2.56	95.92	245.55	92.02	14.11	184.56	Yes	4.44
31	6.68	2.61	54.24	141.56	91.38	6.68	2.54	82.61	209.83	90.65	14.30	182.03	Yes	3.86

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