

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP-: Bull Run

System Name:	City of Sandy	ID#: 4100789 C	Month/Yea Jul / 2021	Disinfectio n Giaddia Log Inactiv:	3
--------------	---------------	----------------	----------------------	--	---

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	7.24	1.89	63.49	120.00	108.94	6.72	1.85	95.19	176.09	89.47	13.54	198.41	Yes	3.07
2	6.24	1.92	71.68	137.63	75.25	6.33	1.88	108.18	203.37	77.46	13.58	152.70	Yes	4.45
3	6.39	1.90	71.96	136.72	78.17	6.39	1.89	108.23	204.55	78.08	13.81	156.26	Yes	4.37
4	6.34	1.93	72.04	139.04	76.69	6.33	1.87	108.94	203.73	75.88	13.87	152.56	Yes	4.50
5	6.40	1.92	71.49	137.26	77.75	6.40	1.85	107.55	198.96	77.13	13.98	154.89	Yes	4.34
6	6.31	2.33	66.00	153.77	77.60	6.31	2.26	93.73	211.83	76.98	14.21	154.58	Yes	4.73
7	6.23	2.59	70.95	183.75	78.59	6.25	2.54	93.32	237.02	78.73	14.02	157.32	Yes	5.35
8	6.30	2.62	71.37	186.98	80.62	6.25	2.56	94.06	240.80	78.59	14.08	159.21	Yes	5.38
9	6.69	2.67	71.64	191.28	93.02	6.69	2.57	94.40	242.60	91.97	14.19	185.00	Yes	4.69
10	6.20	2.66	71.48	190.13	76.94	6.69	2.53	94.26	238.49	90.94	14.29	167.88	Yes	5.09
11	6.16	2.63	71.29	187.48	76.87	6.69	2.54	94.00	238.75	92.64	14.03	169.51	Yes	5.02
12	6.19	2.63	71.64	188.42	76.85	6.69	2.56	94.55	242.06	91.80	14.20	168.66	Yes	5.09
13	6.18	2.63	71.71	188.60	76.41	6.68	2.57	94.46	242.77	91.39	14.23	167.80	Yes	5.12
14	6.70	2.58	66.24	170.90	95.30	6.70	2.54	94.13	239.09	94.86	13.73	190.16	Yes	4.31
15	6.66	2.63	66.36	174.53	81.63	6.66	2.51	94.31	236.71	80.52	15.91	162.15	Yes	5.08
16	6.68	2.63	66.07	173.77	82.79	6.68	2.51	93.95	235.82	81.67	15.81	164.46	Yes	4.99
17	6.69	2.59	71.30	184.67	80.70	6.70	2.50	104.60	261.50	80.17	16.18	160.87	Yes	5.55
18	6.67	2.65	71.37	189.12	80.81	6.69	2.55	104.57	266.66	80.49	16.15	161.31	Yes	5.65
19	6.67	2.61	62.30	162.61	93.00	6.67	2.51	94.81	237.96	91.95	13.98	184.95	Yes	4.34
20	6.57	2.68	62.69	168.00	89.86	6.57	2.54	95.48	242.52	88.43	14.06	178.29	Yes	4.61
21	6.67	2.68	62.60	167.77	93.50	6.67	2.55	95.48	243.48	92.12	14.02	185.62	Yes	4.44
22	6.71	2.65	62.81	166.45	92.33	6.71	2.51	95.97	240.89	90.86	14.38	183.19	Yes	4.45
23	6.72	2.70	63.57	171.63	91.59	6.72	2.58	96.80	249.75	90.35	14.64	181.94	Yes	4.64
24	6.72	2.70	62.97	170.02	91.29	6.72	2.58	95.97	247.61	90.05	14.69	181.34	Yes	4.61
25	6.71	2.67	62.46	166.77	90.76	6.71	2.55	95.02	242.30	89.53	14.67	180.29	Yes	4.54
26	6.56	2.62	62.58	163.97	85.13	6.56	2.49	95.26	237.21	83.88	14.71	169.01	Yes	4.75
27	6.75	2.63	62.58	164.59	91.64	6.75	2.49	95.48	237.75	90.19	14.68	181.82	Yes	4.43
28	6.75	2.59	62.94	163.01	90.80	6.70	2.52	94.24	237.49	88.42	14.75	179.21	Yes	4.48
29	6.71	2.56	59.97	153.53	88.50	6.71	2.55	85.22	217.31	88.40	14.86	176.90	Yes	4.19
30	6.73	2.45	63.03	154.41	87.87	6.70	2.49	94.76	235.94	87.30	14.89	175.17	Yes	4.46
31	6.80	2.57	62.92	161.70	91.55	6.80	2.48	96.19	238.56	90.61	14.87	182.16	Yes	4.40

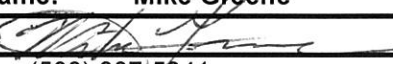
\*3 If Cl2 at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

OHA - Drinking Water Services - Surface Water Quality Data Form

County: **Clackamas**

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

Month/Year: **Jul, 2021**

<b>System Name:</b> City of Sandy		<b>ID#:</b> 4100789C		<b>WTP:</b> TP- Bull Run	
<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>	
<b>NOTES:</b> Turbidity reported by PWB		<b>Printed Name:</b> Mike Greene			
		<b>Signature</b> 		<b>DATE:</b> 8/9/2021	
		<b>PHONE #:</b> (503) 807-5241		<b>CERT#:</b> 2097	