

OHA - Drinking Water Program - Surface Water Quality Data Form

System Name: City of Sandy ID#: 4100789 C Month/Yea Feb / 2021													WTP-: Bull Run	Disinfectio n Giaddia Log Inactiv:
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	6.55	2.17	76.20	165.36	149.68	6.55	2.34	108.32	253.48	152.62	5.71	302.29	Yes	2.77
2	6.54	2.41	76.24	183.75	153.30	6.54	2.35	108.32	254.56	152.25	5.71	305.55	Yes	2.87
3	6.53	2.21	75.20	166.18	149.29	6.53	2.37	106.70	252.88	152.05	5.71	301.35	Yes	2.78
4	6.54	2.20	75.18	165.39	149.66	6.54	2.38	106.64	253.81	152.77	5.71	302.43	Yes	2.77
5	6.36	2.36	82.80	195.42	94.36	6.36	2.36	113.96	268.94	94.36	12.11	188.71	Yes	4.92
6	6.39	2.21	84.70	187.18	143.00	6.39	2.26	127.09	287.22	143.82	5.61	286.82	Yes	3.31
7	6.42	2.22	84.68	187.98	144.31	6.42	2.27	127.21	288.76	145.14	5.65	289.45	Yes	3.29
8	6.38	2.23	84.70	188.87	142.44	6.38	2.27	127.09	288.50	143.09	5.65	285.54	Yes	3.34
9	6.33	2.22	83.23	184.77	140.62	6.33	2.35	118.11	277.56	142.72	5.56	283.34	Yes	3.26
10	6.33	2.17	84.27	182.87	140.20	6.33	2.38	119.81	285.15	143.59	5.52	283.79	Yes	3.29
11	6.35	2.08	64.69	134.55	142.10	6.35	2.32	91.77	212.90	146.04	5.27	288.13	Yes	2.40
12	6.43	1.99	72.78	144.83	151.71	6.43	2.25	103.65	233.21	156.30	4.56	308.02	Yes	2.45
13	6.46	1.97	74.81	147.37	156.73	6.46	2.28	106.33	242.43	162.42	4.20	319.15	Yes	2.43
14	6.45	1.96	74.73	146.47	156.72	6.45	2.30	106.19	244.23	162.98	4.13	319.70	Yes	2.43
15	6.56	1.93	74.73	144.23	162.90	6.56	2.23	105.85	236.04	168.63	4.09	331.53	Yes	2.29
16	6.46	1.94	53.02	102.85	158.83	6.46	2.36	75.16	177.38	166.71	3.95	325.54	Yes	1.71
17	6.44	2.01	52.62	105.77	159.19	6.44	2.32	74.39	172.59	164.98	3.93	324.16	Yes	1.71
18	6.44	2.01	52.63	105.79	159.19	6.44	2.32	74.64	173.17	164.98	3.93	324.16	Yes	1.71
19	6.46	1.86	72.80	135.40	155.80	6.46	2.32	103.43	239.97	164.27	4.10	320.07	Yes	2.33
20	6.45	1.85	83.21	153.93	154.34	6.45	2.29	118.18	270.63	162.35	4.17	316.70	Yes	2.66
21	6.48	1.79	83.21	148.94	154.42	6.48	2.32	117.93	273.61	164.12	4.22	318.54	Yes	2.63
22	6.48	1.81	83.18	150.56	154.77	6.48	2.32	117.86	273.45	164.12	4.22	318.90	Yes	2.64
23	6.39	2.19	83.14	182.07	155.93	6.39	2.32	118.14	274.09	158.28	4.28	314.20	Yes	2.90
24	6.36	2.19	83.28	182.38	154.37	6.36	2.30	118.18	271.81	156.33	4.27	310.70	Yes	2.92
25	6.43	2.10	71.63	150.42	155.61	6.43	2.29	101.67	232.82	159.04	4.37	314.65	Yes	2.43
26	6.43	2.06	71.64	147.59	154.58	6.43	2.30	101.69	233.89	158.90	4.40	313.48	Yes	2.43
27	6.39	2.01	73.52	147.77	151.32	6.39	2.34	104.55	244.64	157.16	4.42	308.47	Yes	2.53
28	6.38	2.06	73.83	152.10	151.65	6.38	2.34	104.63	244.83	156.60	4.42	308.24	Yes	2.57

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