

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP-: Bull Run

System Name:	City of Sandy	ID#: 4100789 C	Month/Yea Mar / 2021	Disinfectio n Giaddia Log Inactiv:	3
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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	6.44	2.01	74.56	149.86	151.69	6.44	2.30	105.99	243.78	156.82	4.65	308.51	Yes	2.54
2	6.43	1.99	75.29	149.83	148.80	6.43	2.31	106.96	247.07	154.36	4.85	303.16	Yes	2.61
3	6.42	2.01	75.25	151.26	148.51	6.42	2.31	106.96	247.07	153.70	4.86	302.22	Yes	2.63
4	6.42	2.30	74.71	171.83	151.79	6.42	2.28	106.05	241.79	151.44	5.03	303.23	Yes	2.73
5	6.42	2.09	74.83	156.39	149.88	6.42	2.30	106.13	244.10	153.53	4.86	303.40	Yes	2.63
6	6.39	2.11	75.14	158.54	148.73	6.39	2.31	106.84	246.81	152.17	4.85	300.89	Yes	2.69
7	6.47	2.03	76.55	155.39	151.53	6.47	2.30	108.68	249.96	156.29	4.86	307.82	Yes	2.62
8	6.45	2.06	76.61	157.81	149.16	6.45	2.25	109.00	245.26	152.44	5.04	301.61	Yes	2.67
9	6.49	2.68	77.34	207.28	162.58	6.49	2.30	110.39	253.90	155.63	5.03	318.21	Yes	2.91
10	6.49	2.26	91.39	206.53	154.71	6.47	2.30	109.94	252.85	154.31	5.05	309.02	Yes	2.97
11	6.36	2.32	71.24	165.29	148.43	6.36	2.31	106.77	246.63	148.26	5.08	296.68	Yes	2.78
12	6.51	2.26	71.67	161.97	153.64	6.51	2.23	107.48	239.69	153.11	5.26	306.75	Yes	2.62
13	6.56	2.24	71.71	160.63	155.84	6.56	2.23	107.42	239.54	155.66	5.28	311.50	Yes	2.57
14	6.56	2.32	71.68	166.30	156.65	6.56	2.24	107.36	240.48	155.21	5.34	311.86	Yes	2.61
15	6.41	2.24	71.57	160.32	149.81	6.41	2.30	107.27	246.72	150.85	5.07	300.66	Yes	2.71
16	6.45	2.22	71.50	158.74	150.30	6.45	2.30	107.17	246.48	151.69	5.20	301.99	Yes	2.68
17	6.48	2.33	104.18	242.74	153.02	6.53	2.29	107.17	245.41	155.07	5.28	308.09	Yes	3.17
18	6.59	2.36	71.49	168.72	159.71	6.59	2.27	107.10	243.12	158.06	5.28	317.77	Yes	2.59
19	6.35	2.39	70.83	169.28	146.23	6.35	2.33	105.96	246.88	145.23	5.37	291.46	Yes	2.86
20	6.62	2.39	70.15	167.65	162.32	6.62	2.28	105.12	239.68	160.28	5.25	322.60	Yes	2.53
21	6.63	2.37	69.20	164.00	163.19	6.63	2.26	103.66	234.28	161.13	5.19	324.32	Yes	2.46
22	6.84	2.39	69.91	167.09	174.03	6.84	2.27	104.84	237.98	171.63	5.39	345.66	Yes	2.35
23	6.59	2.37	67.18	159.23	158.93	6.59	2.25	100.53	226.19	156.75	5.37	315.68	Yes	2.44
24	6.81	2.31	75.29	173.93	169.08	6.81	2.27	112.86	256.20	168.30	5.52	337.38	Yes	2.55
25	6.85	2.32	74.74	173.39	173.95	6.85	2.29	112.03	256.55	173.35	5.33	347.30	Yes	2.48
26	6.60	2.31	73.84	170.56	156.29	6.60	2.22	110.55	245.43	154.68	5.57	310.97	Yes	2.68
27	6.63	2.35	74.95	176.12	159.34	6.63	2.29	112.33	257.23	158.25	5.51	317.59	Yes	2.73
28	6.82	2.34	76.04	177.94	167.54	6.82	2.27	113.90	258.56	166.20	5.76	333.74	Yes	2.62
29	6.70	2.33	75.07	174.90	165.00	6.70	2.24	112.68	252.40	163.30	5.33	328.30	Yes	2.61
30	6.73	2.35	75.08	176.44	162.08	6.73	2.29	112.58	257.82	160.96	5.79	323.04	Yes	2.69
31	6.61	1.95	83.95	163.71	148.21	6.78	2.29	114.55	262.31	163.76	5.80	311.98	Yes	2.71

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