

**Woodward WWTP Bypass and CSO Overflow Log
2024**

SAC #	Event #	Location	Start		Stop		Duration Hours	Volume ML	Disinfection Yes / No	Reason Code	Sample Results					Final Effluent	
			Date	Time	Date	Time					Bypass or CSO Sample					pH	Total Cl
			yyyy-mm-dd		yyyy-mm-dd						TBOD mg/L	cBOD mg/L	TSS mg/L	TP mg/L	E.coli CFU/100ml		mg/L
240109-000003	1	HCG03	2024-01-09	12:14	2024-01-09	23:24	11.17	n/a	No	1,2,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240109-000013	2	S	2024-01-09	16:02	2024-01-10	22:28	30.44	234.522	No	1,2,7	39	n/a	64.8	1.44	707,500	7.64	n/a
	3	HCS01	2024-01-09	20:26	2024-01-10	18:42	22.27	127.460	No	1,2,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	4	HCS04	2024-01-09	21:02	2024-01-10	4:14	7.20	26.943	No	1,2,7	n/a	14	39.2	0.672	710,000	n/a	n/a
	5	HCS05	2024-01-10	0:14	2024-01-10	8:56	8.70	27.547	No	1,2,7	n/a	17	29.7	0.591	510,000	n/a	n/a
	6	HCS08	2024-01-10	0:33	2024-01-10	7:56	7.38	1.835	No	1,2,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240112-000010	7	HCG03	2024-01-12	18:58	2024-01-13	7:07	6.14	n/a	No	1,2,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240113-000003	8	S	2024-01-13	6:56	2024-01-13	21:37	14.68	92.028	No	1,2,7	39	n/a	86.3	1.48	740,000	6.47	n/a
240124-000012	9	HCG03	2024-01-24	14:20	2024-01-24	23:24	8.74	n/a	No	1,2,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240125-000001	10	S	2024-01-24	23:55	2024-01-25	3:27	4.56	6.946	No	1,2,7	110	n/a	117	1.87	660,000	7.01	n/a
240126-000000	11	HCG03	2024-01-26	1:42	2024-01-26	11:08	8.79	n/a	No	1,2,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1-4M7FE9	12	DC011	2024-01-26	2:57	2024-01-26	6:48	4.15	0.215	No	1,2,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240126-000005	13	HCG14	2024-01-26	3:34	2024-01-26	6:06	2.52	n/a	No	1,2,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	14	HCS01	2024-01-26	4:08	2024-01-26	22:47	18.65	164.591	No	1,2,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240126-000009	15	S	2024-01-26	4:12	2024-01-27	23:14	43.03	399.389	No	1,2,7	57	n/a	87.5	1.45	845,000	7.31	n/a
1-4M7JVO	16	HC001	2024-01-26	4:24	2024-01-26	5:12	0.80	1.727	No	1,2,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	17	HCS04	2024-01-26	4:27	2024-01-26	16:16	11.82	51.572	No	1,2,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1-4M7FFC	18	DC012	2024-01-26	4:32	2024-01-26	7:03	2.52	0.066	No	1,2,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	19	HCS08	2024-01-26	4:39	2024-01-26	16:20	11.68	54.572	No	1,2,7	n/a	6	271.0	0.497	35,000	n/a	n/a
1-4M7FBY / 240126-000012	20	HW	2024-01-26	4:41	2024-01-26	8:09	3.47	24.244	No	1,2,7	62	n/a	250.0	2.08	440,000	6.21	n/a
240227-000002	21	HCG03	2024-02-27	12:57	2024-02-27	14:13	1.27	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240228-000000	22	HCG03	2024-02-28	2:52	2024-02-28	5:40	2.79	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240228-000001	23	HCG14	2024-02-28	3:14	2024-02-28	3:27	0.22	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240309-000000	24	HCG03	2024-03-09	5:03	2024-03-09	9:37	2.77	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240314-000008	25	HCG03	2024-03-14	16:57	2024-03-14	23:04	6.13	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240314-000010	26	S	2024-03-14	21:44	2024-03-15	2:36	4.87	35.490	No	1,7	40	n/a	41.0	1.10	530,000	7.10	n/a
240316-000002	27	HCG03	2024-03-16	19:36	2024-03-16	21:34	1.97	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240326-000006	28	HCG03	2024-03-26	22:45	2024-03-26	23:08	0.37	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240402-000005	29	HCG03	2024-04-02	18:02	2024-04-04	19:55	12.36	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240411-000000	30	HCG03	2024-04-11	16:41	2024-04-12	7:28	10.18	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1-5MY6X2	31	DC011	2024-04-11	4:41	2024-04-12	5:28	24.78	0.076	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240411-000003	32	S	2024-04-11	7:15	2024-04-13	11:11	51.19	437.975	No	1,7	42	n/a	69.5	1.38	797,143	7.30	n/a
	33	HCS01	2024-04-12	8:27	2024-04-12	12:46	4.32	18.792	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240414-000000	34	HCG03	2024-04-14	7:52	2024-04-14	8:47	0.91	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240417-000006	35	HCG03	2024-04-17	21:18	2024-04-18	0:03	1.93	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240417-000007	36	HCG14	2024-04-17	21:31	2024-04-17	22:03	0.51	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240419-000001	37	HCG03	2024-04-19	9:58	2024-04-19	10:19	0.35	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240429-000007	38	HCG03	2024-04-29	22:57	2024-04-30	12:10	1.42	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240503-000005	39	HCG03	2024-05-03	13:49	2024-05-03	14:44	0.93	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240505-000002	40	HCG03	2024-05-05	17:28	2024-05-05	17:55	0.45	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240514-000007	41	HCG03	2024-05-14	17:32	2024-05-14	17:46	0.23	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240517-000006	42	HCG03	2024-05-17	21:11	2024-05-17	21:24	0.21	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240525-000001	43	HCG03	2024-05-25	8:58	2024-05-25	12:54	1.70	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240525-000004	44	HCG14	2024-05-25	12:02	2024-05-25	12:21	0.32	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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SAC #	Event #	Location	Start		Stop		Duration Hours	Volume ML	Disinfection Yes / No	Reason Code	Sample Results					Final Effluent	
			Date yyyy-mm-dd	Time	Date yyyy-mm-dd	Time					Bypass or CSO Sample					pH	Total Cl mg/L
											TBOD mg/L	cBOD mg/L	TSS mg/L	TP mg/L	E.coli CFU/100ml		
240527-000001	45	HCG03	2024-05-27	0:32	2024-05-27	12:39	4.84	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240527-000002	46	HCG14	2024-05-27	0:58	2024-05-27	12:06	2.62	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	47	HCS04	2024-05-27	12:37	2024-05-27	15:10	2.53	5.510	No	1,7	n/a	6	9.0	0.350	100,000	n/a	n/a
240527-000006	48	S	2024-05-27	13:08	2024-05-27	16:31	3.38	14.280	Yes	1,7	74	n/a	163	2.74	600	6.90	0.00
240528-000004	49	HCG03	2024-05-28	19:23	2024-05-29	1:13	5.59	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240528-000006	50	HCG14	2024-05-28	20:54	2024-05-28	23:44	2.83	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240528-000009	51	S	2024-05-28	22:05	2024-05-29	14:44	16.65	140.956	Yes	1,7	50	n/a	101	1.50	87,550	7.45	0.01
	52	HCS04	2024-05-28	22:31	2024-05-29	3:32	5.02	18.231	No	1,7	n/a	18	61.3	0.841	17,300	n/a	n/a
	53	HCS01	2024-05-28	22:54	2024-05-29	9:36	10.70	45.229	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	54	HCS08	2024-05-28	23:53	2024-05-29	3:07	3.23	2.980	No	1,7	n/a	6	159.0	0.360	120,000	n/a	n/a
1-74TED9	55	DC012	2024-05-28	22:43	2024-05-28	22:43	0.01	0.003	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240605-000016	56	HCG03	2024-06-05	21:23	2024-06-05	21:48	0.42	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240609-000001	57	HCG03	2024-06-09	1:25	2024-06-09	1:56	0.52	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240617-000006	58	HCG03	2024-06-17	14:30	2024-06-17	15:33	1.05	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240617-000007	59	HCG14	2024-06-17	14:46	2024-06-17	15:27	0.68	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240620-000000	60	HCG03	2024-06-20	2:34	2024-06-20	4:50	2.27	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240620-000001	61	HCG14	2024-06-20	2:41	2024-06-20	4:30	1.61	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240621-000004	62	HCG03	2024-06-21	16:05	2024-06-21	16:56	0.84	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240621-000005	63	HCG14	2024-06-21	16:16	2024-06-21	16:36	0.35	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240626-000005	64	HCG03	2024-06-26	16:41	2024-06-26	17:47	1.11	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240629-000001	65	HCG03	2024-06-29	6:33	2024-06-29	11:31	2.67	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240710-000001	66	HCG03	2024-07-10	5:33	2024-07-11	5:37	8.15	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240710-000002	67	HCG14	2024-07-10	5:46	2024-07-10	13:44	2.89	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240710-000015	68	HC001	2024-07-10	8:14	2024-07-10	8:28	0.23	0.530	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240710-000005	69	S	2024-07-10	8:16	2024-07-11	15:35	21.25	192.290	Yes	1,7	50	n/a	120	2.21	775,400	6.58	0.00
	70	HCS04	2024-07-10	13:25	2024-07-11	6:20	16.92	17.882	No	1,7	n/a	16	42.0	0.887	1,480,000	n/a	n/a
	71	HCS01	2024-07-10	14:10	2024-07-11	12:08	21.97	83.568	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240711-000002	72	HCG14	2024-07-11	4:24	2024-07-11	4:57	0.26	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240714-000017	73	HCG03	2024-07-14	13:55	2024-07-14	15:07	1.19	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240714-000019	74	HCG14	2024-07-14	14:01	2024-07-14	15:18	1.21	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	75	HCS08	2024-07-14	15:17	2024-07-14	16:06	0.82	0.498	No	1,7	n/a	9	104.0	0.493	220,000	n/a	n/a
240714-000025	76	S	2024-07-14	15:38	2024-07-15	1:03	9.56	53.010	Yes	1,7	40	n/a	82.0	1.40	24,900	6.87	0.01
1-8XE93E	77	DC011	2024-07-14	13:59	2024-07-14	14:19	0.10	0.030	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1-8XE93E	78	DC012	2024-07-14	14:08	2024-07-14	14:09	0.05	0.005	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240715-000003	79	HCG03	2024-07-15	11:41	2024-07-15	16:57	1.32	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1-8Y04UW	80	DC012	2024-07-15	12:13	2024-07-15	13:12	0.30	0.087	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1-8YNH9P	81	DC011	2024-07-15	12:14	2024-07-15	13:36	0.40	0.132	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240715-000014	82	HCG14	2024-07-15	16:25	2024-07-15	16:55	0.50	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1-8YR9RU	83	DC018	2024-07-15	16:31	2024-07-15	17:55	1.40	0.222	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	84	HCS04	2024-07-15	18:42	2024-07-15	19:28	0.78	0.683	No	1,7	n/a	6	27.0	0.65	88,000	n/a	n/a
240716-000001	85	HCG03	2024-07-16	8:42	2024-07-17	1:32	7.04	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240716-000002	86	HCG14	2024-07-16	8:51	2024-07-16	19:32	2.04	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	87	HCS05	2024-07-16	11:34	2024-07-18	10:37	47.05	193.194	No	1,7	n/a	8	16.0	0.560	653,000	n/a	n/a
	88	HCS04	2024-07-16	11:42	2024-07-17	3:43	16.02	47.476	No	1,7	n/a	6	10.0	0.454	28,000	n/a	n/a
1-90557R	89	HC001	2024-07-16	11:46	2024-07-16	13:55	2.20	3.686	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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			Date	Time	Date	Time					Bypass or CSO Sample					pH	Total Cl
			yyyy-mm-dd		yyyy-mm-dd						TBOD mg/L	cBOD mg/L	TSS mg/L	TP mg/L	E.coli CFU/100ml		mg/L
240716-000016	90	S	2024-07-16	12:17	2024-07-17	19:04	30.78	253.637	No	1,7	29	n/a	61.2	0.95	75,925	7.16	0.00
	91	HCS01	2024-07-16	12:29	2024-07-17	10:59	22.50	126.910	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	92	HCS08	2024-07-16	12:38	2024-07-17	3:05	14.45	20.822	No	1,7	n/a	6	480	0.675	127,000	n/a	n/a
240724-000006	93	HCG03	2024-07-24	10:56	2024-07-24	13:52	2.55	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240724-000007	94	HCG14	2024-07-24	11:04	2024-07-24	13:20	1.42	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240724-000009	95	S	2024-07-24	12:30	2024-07-24	21:27	8.57	54.360	No	1,7	42	n/a	68.0	1.35	1,100	6.84	0.01
	96	HCS04	2024-07-24	13:02	2024-07-24	14:45	1.72	9.877	No	1,7	n/a	8	105.0	0.75	30,000	n/a	n/a
240804-000000	97	HCG14	2024-08-04	4:08	2024-08-04	7:45	3.50	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240805-000007	98	HCG03	2024-08-05	20:32	2024-08-05	21:09	0.62	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240805-000008	99	HCG14	2024-08-05	20:42	2024-08-05	21:11	0.50	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240809-000001	100	HCG03	2024-08-09	11:21	2024-08-09	11:48	0.44	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240811-000002	101	HCG03	2024-08-11	12:39	2024-08-11	13:19	0.67	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240811-000003	102	HCG14	2024-08-11	13:03	2024-08-11	13:17	0.24	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240816-000022	103	HCG03	2024-08-16	19:00	2024-08-16	21:25	2.42	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240817-000006	104	HCG03	2024-08-17	14:08	2024-08-17	14:32	0.41	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240818-000000	105	HCG03	2024-08-18	5:13	2024-08-18	6:12	0.98	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240818-000001	106	HCG14	2024-08-18	5:23	2024-08-18	6:00	0.63	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1-9ZC41W	107	HCO49	2024-08-18	17:30	2024-08-18	18:30	1.00	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240831-000000	108	HCG03	2024-08-31	3:17	2024-08-31	8:43	1.61	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240831-000001	109	HCG14	2024-08-31	3:30	2024-08-31	8:28	0.74	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240907-000000	110	HCG03	2024-09-07	1:09	2024-09-07	1:56	0.79	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240921-000006	111	HCG03	2024-09-21	18:26	2024-09-21	19:07	0.68	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240923-000000	112	HCG03	2024-09-23	3:54	2024-09-23	7:58	3.29	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240923-000001	113	HCG14	2024-09-23	4:08	2024-09-23	5:13	1.07	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240923-000002	114	S	2024-09-23	6:25	2024-09-23	10:13	2.98	17.320	Yes	1,7	62	n/a	130	2.34	14,100	6.60	0.00
240924-000001	115	HCG03	2024-09-24	2:53	2024-09-24	3:16	0.38	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240925-000001	116	S	2024-09-25	2:34	2024-09-25	5:56	3.37	15.935	No	1,7	48	n/a	60.0	1.03	1,400	6.81	0.00
240924-000023	117	HCG03	2024-09-24	20:14	2024-09-25	2:30	2.91	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240925-000000	118	HCG14	2024-09-25	1:44	2024-09-25	2:13	0.49	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
240928-000000	119	HCG03	2024-09-28	10:02	2024-09-28	9:10	1.58	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241001-000009	120	HCG03	2024-10-01	23:28	2024-10-02	2:37	1.15	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241013-000001	121	HCG03	2024-10-13	17:37	2024-10-14	0:12	4.47	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241029-000001	122	HCG03	2024-10-29	9:45	2024-10-29	12:46	2.67	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241029-000003	123	HCG14	2024-10-29	10:57	2024-10-29	11:58	1.01	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241029-000004	124	S	2024-10-29	12:53	2024-10-29	16:19	3.43	30.995	Yes	1,7	65	n/a	111	2.11	1,860,000	6.79	n/a
241106-000001	125	HCG03	2024-11-06	7:20	2024-11-06	8:01	0.68	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241110-000001	126	HCG03	2024-11-10	12:15	2024-11-10	23:56	2.44	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241111-000007	127	HCG03	2024-11-11	17:28	2024-11-11	18:08	0.67	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241120-000006	128	HCG03	2024-11-20	19:06	2024-11-20	20:58	1.86	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241120-000007	129	HCG14	2024-11-20	19:17	2024-11-20	19:55	0.62	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241120-000009	130	T	2024-11-20	19:50	2024-11-20	20:01	0.18	16.060	No	1,7	n/a	2.0	5.40	0.25	n/a	7.53	n/a
241125-000010	131	HCG03	2024-11-25	18:20	2024-11-25	11:57	1.27	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241209-000001	132	HCG03	2024-12-09	10:02	2024-12-09	12:36	2.58	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241210-000017	133	HCG03	2024-12-10	18:47	2024-12-10	21:00	2.21	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241216-000006	134	HCG03	2024-12-16	20:56	2024-12-16	22:23	1.45	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a

**Woodward WWTP Bypass and CSO Overflow Log
2024**

SAC #	Event #	Location	Start		Stop		Duration Hours	Volume ML	Disinfection Yes / No	Reason Code	Sample Results					Final Effluent	
			Date yyyy-mm-dd	Time	Date yyyy-mm-dd	Time					Bypass or CSO Sample					pH	Total Cl mg/L
											TBOD mg/L	cBOD mg/L	TSS mg/L	TP mg/L	E.coli CFU/100ml		
241229-000000	135	HCG03	2024-12-29	9:36	2024-12-29	23:35	11.49	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241229-000006	136	PriEffOF	2024-12-29	13:00	2024-12-31	0:52	35.87	353.222	No	1,7	40	n/a	72.4	1.11	n/a	n/a	n/a
241229-000012	137	HCG14	2024-12-29	15:19	2024-12-29	16:49	0.48	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241229-000014	138	T	2024-12-29	15:30	2024-12-30	12:30	21.00	80.630	No	1,7	n/a	2.5	7.98	0.17	n/a	7.50	n/a
	139	HCS01	2024-12-29	18:58	2024-12-30	2:43	7.77	34.204	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
241231-000007	140	HCG03	2024-12-31	21:04	2024-12-31	21:53	0.82	n/a	No	1,7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
							810.87	3540.444									

Legend / Notes

Bypass/Overflow Locations:

PH= Plant Bypass

HW= Headworks Bypass

PR= Primary Bypass

S = Secondary Bypass

PriEffOF = Primary Effluent Overflow

T = Tertiary Bypass

HCS01 = Greenhill CSO Tank

HCS02 = Strachan St CSO Tank

HCS03 = James St CSO Tank

HCS04 = Main/King CSO Tank

HCS05 = Eastwood CSO Tank

HCS07 = Red Hill CSO Tank

HCS08 = Royal CSO Tank

HCS09 = McMaster CSO Tank

HCG03 = Wentworth CSO Outfall

HCG04 = Strathearne CSO Outfall

HCG14 = Wellington CSO Outfall

HC001 = Parkdale Pump Station

DC011 = Pleasant/Edenbridge Pump Station

DC012 = Pleasant/Sunrise Pump Station

Treatment Levels:

Plant bypass (PH) - no treatment

Headworks bypass (HW) - receives preliminary treatment

Primary bypass (PR) - receives preliminary treatment

Secondary bypass (S) - receives preliminary and primary treatment

CSO tank overflows receive no treatment prior to discharge.

Sample Locations:

Plant: Headworks in front of the barscreens

Primary / Headworks: Inlet of the Primary Clarifiers

Secondary: Outlet of the Primary Clarifiers

Note: a Final Effluent Outfall sample must be collected for all bypass types

Volume Determination:

Bypass flow volumes at the Woodward WWTP are estimated.

CSO tank overflow volumes are measured.

Pumping stations overflow volumes are measured.

Reason Codes:

1. Heavy Precipitation

2. Snow Melt

3. Equipment Failure

4. Equipment Maintenance

5. Sewer Problems

6. Power Failure

7. Exceed Design

8. Other