

Hamilton Wastewater Bypass and Overflow Log 2025

SAC #	Event #	Location	Start yyyy-mm-dd hh:mm	Stop yyyy-mm-dd hh:mm	Duration Hours	Volume ML	Volume kL	Disinfection Yes / No	Reason Code
250128-000000	1	Tertiary Bypass	2025-01-28 11:17	2025-01-28 12:47	1.50	13.457	13,457	No	6
250131-000005	2	HCG03	2025-01-31 14:31	2025-01-31 15:07	0.59	n/a	n/a	No	1,2,7
250224-000003	3	HCG03	2025-02-24 13:58	2025-02-24 17:48	3.83	n/a	n/a	No	2,7
250225-000000	4	HCG03	2025-02-25 12:18	2025-02-25 17:03	4.75	n/a	n/a	No	2,7
250225-000005	5	Tertiary Bypass	2025-02-25 14:26	2025-02-26 04:55	14.97	76.040	76,040	No	2
250305-000000	6	HCG03	2025-03-05 05:24	2025-03-05 22:43	10.57	n/a	n/a	No	1,2,7
250305-000001	7	Tertiary Bypass	2025-03-05 07:17	2025-03-05 11:49	28.53	27.633	27,633	No	1,2
250305-000006	8	Primary Effluent Overflow	2025-03-05 08:45	2025-03-07 00:37	39.87	451.000	451,000	No	1,2,7
	9	HCS01	2025-03-05 20:43	2025-03-06 08:17	11.57	48.618	48,618	No	1,2,7
	10	HCS08	2025-03-05 21:47	2025-03-06 01:33	3.77	2.519	2,519	No	1,2,7
250315-000002	11	HCG03	2025-03-15 11:12	2025-03-15 11:35	0.39	n/a	n/a	No	1,2,7
250315-000006	12	Tertiary Bypass	2025-03-15 18:08	2025-03-15 18:15	0.12	0.106	106	No	1,2
250316-000000	13	HCG03	2025-03-16 05:25	2025-03-16 14:16	1.36	n/a	n/a	No	1,2,7
1-J188KY	14	DC012	2025-03-16 12:07	2025-03-16 16:31	4.40	0.201	201	No	1,2,7
1-J188GB	15	DC011	2025-03-16 12:08	2025-03-16 16:30	4.37	0.217	217	No	1,2,7
250316-000011	16	HCG14	2025-03-16 13:08	2025-03-16 13:37	0.47	n/a	n/a	No	1,2,7
	17	HCS08	2025-03-16 14:56	2025-03-16 19:22	4.43	3.492	3,492	No	1,2,7
250316-000014	18	Primary Effluent Overflow	2025-03-16 15:58	2025-03-17 05:32	13.88	65.710	65,710	No	1,2,7
250320-000002	19	HCG03	2025-03-20 10:23	2025-03-20 10:34	0.18	n/a	n/a	No	1,7
250328-000012	20	HCG03	2025-03-28 21:14	2025-03-28 21:57	0.70	n/a	n/a	No	1,7
250329-000002	21	HCG03	2025-03-29 22:39	2025-03-29 23:23	0.73	n/a	n/a	No	1,7
250330-000002	22	HCG03	2025-03-30 23:36	2025-03-31 00:59	1.39	n/a	n/a	No	1,7
250330-000003	23	HCG14	2025-03-30 23:47	2025-03-31 00:14	0.46	n/a	n/a	No	1,7
250402-000007	24	HCG03	2025-04-02 16:36	2025-04-03 12:36	19.53	n/a	n/a	No	1,2,7
250402-000010	25	Tertiary Bypass	2025-04-02 17:17	2025-04-03 23:07	30.24	151.344	151,344	No	1,2,7
1-N6P0NB	26	DC011	2025-04-02 18:37	2025-04-03 06:35	11.97	n/a	n/a	No	1,2,7
250402-000017	27	Primary Effluent Overflow	2025-04-02 19:32	2025-04-05 00:57	53.42	758.320	758,320	No	1,2,7
	28	HCS01	2025-04-03 02:20	2025-04-03 19:04	16.73	195.565	195,565	No	1,2,7
250403-000005	29	HCG14	2025-04-03 02:23	2025-04-03 04:17	1.91	n/a	n/a	No	1,7
	30	HCS04	2025-04-03 02:51	2025-04-03 12:07	9.27	72.924	72,924	No	1,2,7
1-N79I5M	31	Preliminary Effluent Overflow	2025-04-03 03:03	2025-04-03 09:28	6.42	55.686	55,686	No	1,7
1-N79I71	32	DC012	2025-04-03 03:16	2025-04-03 03:17	0.02	0.002	2	No	1,7
	33	HCS08	2025-04-03 03:53	2025-04-03 16:19	12.43	28.446	28,446	No	1,2,7
	34	HCS05	2025-04-03 04:49	2025-04-03 13:22	8.55	79.994	79,994	No	1,2,7
1-N7WQ4O	35	HC060	2025-04-03 10:20	2025-04-03 22:38	12.30	n/a	n/a	No	1,7

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SAC #	Event #	Location	Start yyyy-mm-dd hh:mm	Stop yyyy-mm-dd hh:mm	Duration Hours	Volume ML	Volume kL	Disinfection Yes / No	Reason Code
250403-000024	36	HCG26	2025-04-03 13:13	2025-04-03 14:02	0.80	0.030	30	No	1,7
250410-000011	37	HCG03	2025-04-10 20:24	2025-04-10 20:53	0.48	n/a	n/a	No	1,7
250421-000001	38	HCG03	2025-04-21 16:08	2025-04-21 16:49	0.69	n/a	n/a	No	1,7
250501-000014	39	HCG03	2025-05-01 17:10	2025-05-01 18:41	1.21	n/a	n/a	No	1,7
250505-000013	40	HCG03	2025-05-05 20:57	2025-05-06 04:16	1.88	n/a	n/a	No	1,7
250505-000014	41	HCG14	2025-05-05 21:17	2025-05-05 21:31	0.24	n/a	n/a	No	1,7
250516-000000	42	HCG03	2025-05-16 04:33	2025-05-16 05:55	1.36	n/a	n/a	No	1,7
250516-000001	43	HCG14	2025-05-16 04:44	2025-05-16 05:06	0.37	n/a	n/a	No	1,7
250521-000007	44	HCG03	2025-05-21 14:53	2025-05-23 01:00	32.42	n/a	n/a	No	1,7
250521-000009	45	HCG14	2025-05-21 18:36	2025-05-22 09:46	6.30	n/a	n/a	No	1,7
250521-000010	46	Primary Effluent Overflow	2025-05-21 20:10	2025-05-24 03:05	55.44	664.197	664,197	Yes	1,7
	47	HCS04	2025-05-21 23:20	2025-05-23 04:44	29.40	149.014	149,014	No	1,7
	48	HCS01	2025-05-22 02:14	2025-05-23 12:16	34.03	316.978	316,978	No	1,7
	49	HCS05	2025-05-22 02:22	2025-05-23 01:08	22.77	41.773	41,773	No	1,7
250610-000006	50	HCG03	2025-06-10 17:46	2025-06-10 18:29	0.72	n/a	n/a	No	1,7
250610-000007	51	HCG14	2025-06-10 18:03	2025-06-10 18:34	0.48	n/a	n/a	No	1,7
250618-000012	52	HCG03	2025-06-18 15:30	2025-06-18 17:05	1.60	n/a	n/a	No	1,7
250618-000013	53	HCG14	2025-06-18 15:36	2025-06-18 17:11	1.57	n/a	n/a	No	1,7
250626-000000	54	HCG03	2025-06-26 04:41	2025-06-26 06:13	1.53	n/a	n/a	No	1,7
250626-000001	55	HCG14	2025-06-26 05:02	2025-06-26 06:13	1.17	n/a	n/a	No	1,7
250628-000000	56	HCG03	2025-06-28 01:24	2025-06-28 01:48	0.41	n/a	n/a	No	1,7
250703 - 000000	57	HCG03	2025-07-03 00:06	2025-07-03 00:23	0.29	n/a	n/a	No	1,7
250713-000000	58	HCG03	2025-07-13 09:16	2025-07-13 10:05	0.83	n/a	n/a	No	1,7
250713-000001	59	HCG14	2025-07-13 09:21	2025-07-13 10:04	0.72	n/a	n/a	No	1,7
250724-000006	60	HCG03	2025-07-24 21:51	2025-07-24 23:43	1.87	n/a	n/a	No	1,7
250724-000007	61	HCG14	2025-07-24 22:04	2025-07-24 22:29	0.42	n/a	n/a	No	1,7
250724-000008	62	Tertiary Bypass	2025-07-24 22:56	2025-07-24 22:59	0.05	0.002	2	Yes	1,7
250730-000014	63	HCG03	2025-07-30 20:50	2025-07-31 05:42	1.73	n/a	n/a	No	1,7
250730-000015	64	HCG14	2025-07-30 21:06	2025-07-31 00:48	0.43	n/a	n/a	No	1,7
1-PB5VJQ	65	Tertiary Bypass	2025-08-11 15:42	2025-08-11 15:51	0.15	0.277	277	Yes	6
250812-000007	66	HCG03	2025-08-12 14:25	2025-08-13 03:38	2.27	n/a	n/a	No	1,7
250812-000009	67	HCG14	2025-08-12 15:05	2025-08-13 03:25	1.09	n/a	n/a	No	1,7
250817-000000	68	HCG03	2025-08-17 05:13	2025-08-17 14:41	1.90	n/a	n/a	No	1,7
250817-000001	69	HCG14	2025-08-17 05:59	2025-08-17 06:16	0.28	n/a	n/a	No	1,7
250820-000000	70	HCG03	2025-08-20 00:11	2025-08-20 01:46	1.58	n/a	n/a	No	1,7

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SAC #	Event #	Location	Start yyyy-mm-dd hh:mm	Stop yyyy-mm-dd hh:mm	Duration Hours	Volume ML	Volume kL	Disinfection Yes / No	Reason Code
250820-000001	71	HCG14	2025-08-20 00:41	2025-08-20 01:24	0.72	n/a	n/a	No	1,7
250820-000003	72	Tertiary Bypass	2025-08-20 01:47	2025-08-20 03:40	1.88	2.040	2,040	Yes	1,7
250904-000000	73	HCG03	2025-09-04 00:46	2025-09-04 10:22	2.43	n/a	n/a	No	1,7
250904-000001	74	HCG14	2025-09-04 07:18	2025-09-04 07:31	0.22	n/a	n/a	No	1,7
250921-000003	75	HCG03	2025-09-21 21:54	2025-09-22 01:15	2.43	n/a	n/a	No	1,7
250921-000004	76	HCG14	2025-09-21 22:05	2025-09-22 00:43	1.06	n/a	n/a	No	1,7
250922-000000	77	Tertiary Bypass	2025-09-22 00:09	2025-09-22 07:19	2.90	1.800	1,800	Yes	1,7
250923-000024	78	HCG03	2025-09-23 23:16	2025-09-23 23:37	0.35	n/a	n/a	No	1,7
250924-000021	79	HCG03	2025-09-24 22:53	2025-09-25 02:03	2.15	n/a	n/a	No	1,7
250924-000022	80	HCG14	2025-09-24 23:12	2025-09-25 00:12	1.01	n/a	n/a	No	1,7
250925-000000	81	Primary Effluent Overflow	2025-09-25 01:09	2025-09-25 03:25	2.27	21.732	21,732	Yes	1,7
251007-000000	82	HCG03	2025-10-07 07:14	2025-10-07 07:25	0.19	n/a	n/a	No	1,7
251017-000000	83	Tertiary Bypass	2025-10-17 02:04	2025-10-17 03:25	1.35	5.180	5,180	No	6
251018-000000	84	HCG03	2025-10-18 00:59	2025-10-18 01:13	0.23	n/a	n/a	No	1,7
251019-000007	85	HCG03	2025-10-19 15:13	2025-10-20 00:55	3.21	n/a	n/a	No	1,7
251019-000008	86	HCG14	2025-10-19 15:37	2025-10-19 15:55	0.29	n/a	n/a	No	1,7
251030-000003	87	HCG03	2025-10-30 09:47	2025-10-30 18:34	3.76	n/a	n/a	No	1,7
251030-000006	88	Tertiary Bypass	2025-10-30 17:57	2025-10-30 22:59	5.03	28.291	28,291	No	1,7
251107-000012	89	HCG03	2025-11-07 10:43	2025-11-07 12:08	1.04	n/a	n/a	No	1,7
251115-000013	90	HCG03	2025-11-15 18:29	2025-11-15 19:19	0.83	n/a	n/a	No	1,7
251115-000015	91	HCG14	2025-11-15 18:43	2025-11-15 18:58	0.25	n/a	n/a	No	1,7
251130-000001	92	HCG03	2025-11-30 10:54	2025-11-30 12:41	1.78	n/a	n/a	No	1,2,7
251210-000002	93	HCG03	2025-12-10 10:00	2025-12-10 12:51	2.85	n/a	n/a	No	1,2,7
251219-000002	94	HCG03	2025-12-19 05:45	2025-12-19 06:56	1.18	n/a	n/a	No	1,7
251219-000003	95	Tertiary Bypass	2025-12-19 06:50	2025-12-19 08:38	1.80	3.100	3,100	No	1,2
251223-000000	96	HCG03	2025-12-23 04:23	2025-12-23 05:44	1.34	n/a	n/a	No	1,2
251228-000000	97	HCG03	2025-12-28 13:58	2025-12-29 05:25	13.67	n/a	n/a	No	1,2,7
251228-000001	98	Tertiary Bypass	2025-12-28 15:18	2025-12-29 18:21	27.03	173.711	173,711	No	1,2,7
251228-000002	99	HCG14	2025-12-28 16:50	2025-12-28 21:05	0.66	n/a	n/a	No	1,2,7
251228-000004	100	Primary Effluent Overflow	2025-12-28 18:20	2025-12-29 22:03	27.72	352.849	352,849	No	1,2,7
	101	HCS04	2025-12-28 22:18	2025-12-29 08:01	9.72	11.739	11,739	No	1,2,7
	102	HCS01	2025-12-28 22:22	2025-12-29 13:33	15.18	124.723	124,723	No	1,2,7
	103	HCS05	2025-12-29 04:17	2025-12-29 08:01	3.73	1.522	1,522	No	1,2,7
					684.36	3,930.232	3,930,232		

Hamilton Wastewater Bypass and Overflow Log

Analytical Results

SAC #	Event #	Location	Sample Collection Date yyyy-mm-dd	Sample Collection Time hh:mm	TBOD mg/L	cBOD mg/L	TSS mg/L	TP mg/L	NH ₃ mg/L	TKN mg/L	E.coli MPN/100mL	Total Cl mg/L
250128-000000	1	Tertiary Bypass	2025-01-28	24-hr composite	n/a	5.5	11.70	0.29	0.38	2.60	n/a	n/a
250225-000005	5	Tertiary Bypass	2025-02-25	24-hr composite	n/a	8.5	20.30	0.40	1.31	2.80	n/a	n/a
250225-000005	5	Tertiary Bypass	2025-02-26	24-hr composite	n/a	5.5	12.65	0.21	0.68	1.65	n/a	n/a
250305-000001	7	Tertiary Bypass	2025-03-05	24-hr composite	n/a	6.0	16.00	0.44	0.40	1.50	n/a	n/a
250305-000006	8	Primary Effluent Overflow	2025-03-05	08:45	34	n/a	61.0	1.11	n/a	12.0	n/a	n/a
250305-000006	8	Primary Effluent Overflow	2025-03-05	16:45	66	n/a	527	4.13	n/a	14.8	n/a	n/a
250305-000006	8	Primary Effluent Overflow	2025-03-06	00:45	46	n/a	147	1.49	n/a	9.3	n/a	n/a
250305-000006	8	Primary Effluent Overflow	2025-03-06	08:45	48	n/a	62.0	1.09	n/a	10.6	n/a	n/a
250305-000006	8	Primary Effluent Overflow	2025-03-06	16:45	58	n/a	61.5	1.32	n/a	14.2	n/a	n/a
	10	HCS08	2025-03-06	02:03	n/a	10	149	0.50	0.76	2.10	150,000	n/a
250315-000006	12	Tertiary Bypass	2025-03-15	24-hr composite	n/a	3.00	4.30	0.24	1.42	1.55	n/a	n/a
	17	HCS08	2025-03-16	19:34	n/a	7	400	0.658	0.52	2.5	155,000	n/a
250316-000014	18	Primary Effluent Overflow	2025-03-16	16:30	50	n/a	131	1.74	n/a	12.5	n/a	n/a
250316-000014	19	Primary Effluent Overflow	2025-03-17	00:30	62	n/a	94.8	1.59	n/a	14.0	n/a	n/a
250402-000017	27	Primary Effluent Overflow	2025-04-02	19:26	60	n/a	153	2.22	n/a	19.9	n/a	n/a
250402-000017	27	Primary Effluent Overflow	2025-04-03	03:26	48	n/a	131	1.64	n/a	10.0	n/a	n/a
250402-000017	27	Primary Effluent Overflow	2025-04-03	11:26	41	n/a	99.0	1.44	n/a	9.8	n/a	n/a
250402-000017	27	Primary Effluent Overflow	2025-04-03	19:26	51	n/a	66.0	1.22	n/a	11.6	n/a	n/a
250402-000017	27	Primary Effluent Overflow	2025-04-04	03:26	52	n/a	59.4	1.29	n/a	12.3	n/a	n/a
250402-000017	27	Primary Effluent Overflow	2025-04-04	11:26	56	n/a	66.8	1.66	n/a	17.8	n/a	n/a
250402-000017	27	Primary Effluent Overflow	2025-04-04	19:26	50	n/a	60.5	1.39	n/a	15.3	n/a	n/a
1-N79I5M	31	Preliminary Effluent Overflow	2025-04-03	03:05	54	n/a	166	1.43	n/a	7.9	n/a	n/a
	33	HCS08	2025-04-03	09:10	n/a	6	113	0.255	0.33	1.6	50,000	n/a
	34	HCS05	2025-04-03	08:45	n/a	15	58.3	0.592	2.01	4.9	270,000	n/a
250521-000010	46	Primary Effluent Overflow	2025-05-21	21:00	80	n/a	132	2.66	n/a	17.6	2,500	0.00
250521-000010	46	Primary Effluent Overflow	2025-05-22	05:00	37	n/a	76.0	1.55	n/a	10.4	49	0.02
250521-000010	46	Primary Effluent Overflow	2025-05-22	13:00	58	n/a	74.0	1.60	n/a	11.7	900	0.02
250521-000010	46	Primary Effluent Overflow	2025-05-22	21:00	48	n/a	57.0	1.28	n/a	10.3	310	0.00
250521-000010	46	Primary Effluent Overflow	2025-05-23	05:00	32	n/a	43.0	1.03	n/a	9.7	2,310	0.02
250521-000010	46	Primary Effluent Overflow	2025-05-23	13:00	41	n/a	47.0	1.690	n/a	13.3	1,900	0.02
250521-000010	46	Primary Effluent Overflow	2025-05-23	21:00	43	n/a	42.0	1.270	n/a	13.6	27,600	0.00
	47	HCS04	2025-05-22	09:06	n/a	13	33.0	0.679	3.00	5.1	510,000	n/a
	49	HCS05	2025-05-23	02:53	n/a	23	19.0	0.869	5.04	7.5	1,370,000	n/a
250724-000008	62	Tertiary Bypass	2025-07-24	24-hr composite	n/a	2.00	4.10	0.170	0.49	1.95	n/a	n/a
1-PB5VJQ	65	Tertiary Bypass	2025-08-11	24-hr composite	n/a	3.50	5.70	0.20	1.64	2.70	n/a	n/a
250820-000003	72	Tertiary Bypass	2025-08-20	24-hr composite	n/a	4.50	9.75	0.25	0.99	1.55	n/a	n/a
250922-000000	77	Tertiary Bypass	2025-09-22	24-hr composite	n/a	4.00	9.30	0.25	3.22	3.60	n/a	n/a
250925-000000	81	Primary Effluent Overflow	2025-09-25	01:09	66	n/a	77.5	2.16	n/a	14.4	900	0.00
251017-000000	83	Tertiary Bypass	2025-10-17	24-hr composite	n/a	2.00	3.80	0.20	2.08	2.65	n/a	n/a

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Analytical Results

SAC #	Event #	Location	Sample Collection Date yyyy-mm-dd	Sample Collection Time hh:mm	TBOD mg/L	cBOD mg/L	TSS mg/L	TP mg/L	NH ₃ mg/L	TKN mg/L	E.coli MPN/100mL	Total Cl mg/L
251030-000006	88	Tertiary Bypass	2025-10-30	24-hr composite	n/a	4.00	10.70	0.26	0.93	2.15	n/a	n/a
251219-000003	95	Tertiary Bypass	2025-12-19	24-hr composite	n/a	7.00	12.55	0.25	0.70	2.50	n/a	n/a
251228-000004	100	Primary Effluent Overflow	2025-12-28	18:20	200	n/a	523	10.1	n/a	39.5	n/a	n/a
251228-000004	100	Primary Effluent Overflow	2025-12-29	02:20	90	n/a	235	4.55	n/a	20.4	n/a	n/a
251228-000004	100	Primary Effluent Overflow	2025-12-29	10:20	96	n/a	164	3.30	n/a	17.6	n/a	n/a
251228-000004	100	Primary Effluent Overflow	2025-12-29	18:20	104	n/a	136	2.89	n/a	21.8	n/a	n/a
	103	HCS05	2025-12-29	11:17	n/a	17	19.2	0.614	2.62	4.9	250,000	n/a

Hamilton Wastewater Bypass and Overflow Log **Legend**

Location	Name	Treatment Received	Volume Determination
Raw Overflow	Woodward WWTP Raw Overflow	None	Measured
Preliminary Effluent Overflow	Woodward WWTP Preliminary Effluent Overflow	Preliminary treatment	Measured
Primary Effluent Overflow	Woodward WWTP Primary Effluent Overflow	Primary treatment	Estimated
Tertiary Bypass	Woodward WWTP Tertiary Bypass	Secondary treatment	Measured
DC011	Pleasant/Edenbridge Pump Station	None	Estimated
DC012	Pleasant/Sunrise Pump Station	None	Estimated
HC001	Parkdale Pump Station	None	Estimated
HC060	Dundas Expansion Tank	None	n/a
HCG03	Wentworth CSO Outfall	None	n/a
HCG04	Strathearne CSO Outfall	None	n/a
HCG14	Wellington CSO Outfall	None	n/a
HCG26	Glen Rd Regulator & Glen-Tope Overflow Chamber	None	Estimated
HCG27	Sterling Overflow Weir Chamber	None	Estimated
HCS01	Greenhill CSO Tank	None	Measured
HCS02	Strachan CSO Tank	None	Measured
HCS03	James St. CSO Tank	None	Measured
HCS04	Main/King CSO Tank	None	Measured
HCS05	Eastwood CSO Tank	None	Measured
HCS7C	Red Hill CSO Super Pipe	None	Measured
HCS08	Royal CSO Tank	None	Measured
HCS09	McMaster CSO Tank	None	Measured

Reason Code	Meaning
1	Heavy Precipitation
2	Snow Melt
3	Equipment Failure
4	Equipment Maintenance
5	Sewer Problems
6	Power Failure
7	Capacity Exceedance
8	Other