

From: official information
Sent: Thursday, 24 February 2022 4:09 pm
To: [REDACTED]
Cc: official information
Subject: RE: LGOIMA 22005 - [REDACTED] - Pukete Wastewater Treatment Plant incidents over past 20 years.
Attachments: Attachment A Discharges to River from Stormwater Network.XLSX; Attachment B_Sewage Pump Station discharge data 2009-22.XLSX; Attachment C_ WWTP and WW Network_Discharge incidents.XLSX

Kia Ora,

I refer to your **information request below**, Hamilton City Council is able to provide the following response.

***Due to systems changes over the years and document storage – data relating to your request, **prior to 2009**, is significantly more difficult to obtain. This would require an extensive amount of time to collate. Therefore, as per S 17(f) we are refusing the remainder of your request due to substantial collation.*

- 1. Please provide a complete list of all failures over the past 20 years where contaminates have flowed into the Waikato River, including the Pukete Wastewater Plant, wastewater and Stormwater network. The format of the response includes the date, duration of failure, type of failure, penalties paid and any mitigation carried out to ensure that failure type did not reoccur:**

Hamilton City Council's response is:

1.1. Discharges from the Hamilton City Council (the Council) Stormwater Infrastructure Network

The stormwater network carries runoff through a series of pipes, open channels, culverts and stormwater management devices to various receiving environments across Hamilton City - including to the Waikato River. The stormwater network, unlike the wastewater network, does not rely on mechanical pumps or other electrical infrastructure to carry run off through the stormwater infrastructure network.

Please refer to **Attachment "A"** for discharges from the Stormwater Network.

1.2. Discharges from the Hamilton City Council Wastewater Infrastructure Network

Wastewater and trade waste is discharged from residential, commercial and industrial properties into a network of pipes and pump stations which is carried to the treatment plant. It is then processed and treated to a quality suitable for discharge into the Waikato River.

For discharges from the wastewater network directly to the Waikato River because of blockages or overflows from the wastewater network, please refer to **Attachment "B"**. For discharges from the Pukete Wastewater Treatment Plant directly to the Waikato River, please refer to **Attachment "C"**.

Mitigation measures relating to the resilience of the wastewater infrastructure network can be found in Hamilton City Councils Long Term Plan. For further information, please see [here](#).

- 2. Provide a copy of the Wastewater innovation strategy that details how single points of failure in the wastewater & stormwater distribution network and processing plant(s) are being mitigated.**

Hamilton City Council does not have a wastewater innovation strategy that details how single points of failure in the network and plant are being mitigated. Therefore, this request is being refused as per S 17(e) of LGOIMA – this information does not exist.

You have the right to seek an investigation and review by the Ombudsman of this decision. Information about how to make a complaint is available at www.ombudsman.parliament.nz or freephone 0800 802 602.

Kind Regards,

Official Information Team

Legal Services & Risk | People and Organisational Performance

Email: officialinformation@hcc.govt.nz



From: Hamilton City Council <do.not.reply@hcc.govt.nz>

Sent: Tuesday, 18 January 2022 2:38 pm

To: official information <officialinformation@hcc.govt.nz>

Subject: HCC Website - Official Information Request ref: HCC-QF-220118-8K7ZR-184F

HCC Website - Official Information Request

Reference: HCC-QF-220118-8K7ZR-184F

Attachment: not attached

Name: [REDACTED]

Email address: [REDACTED]

Phone number: [REDACTED]

Detailed Description of Request

LGIOMA – Spillages in Waikato River

Approximately 10am on January 10, 2022 the Pukete Wastewater Plant failed to completely process the wastewater, resulting in an outflow to the Waikato River.

This is not the first time in the past 10 years for this to occur, with promises being published in Our Hamilton on the 14 February 2019 that a precautionary approach is being implemented, after a similar incident.

Please provide a complete list of all failures over the past 20 years where contaminates have flowed into the Waikato river, including the Pukete Wastewater Plant, wastewater and Stormwater network.

The format of the response includes the date, duration of failure, type of failure, penalties paid and any mitigation carried out to ensure that failure type did not reoccur.

Also provide a copy of the Wastewater innovation strategy that details how single points of failure in the wastewater & stormwater distribution network and processing plant(s) are being mitigated.

Organisation: not supplied

DATE	LOCATION	DESCRIPTION	CAUSE OF WW DISCHARGE	PENALTIES	MITIGATION
2015					
27 August 2015	Arcus St	Foam	unknown	n/a	n/a
2016					
7 January 2016	Arcus St	Discoloured plume	Unknown	n/a	n/a
8 January 2016	Memorial Drive Hamilton	Foam	Unknown	n/a	n/a
5 February 2016	Bridge Street	Foam	Unknown	n/a	n/a
9 September 2016	Arcus St	Foam	Unknown	n/a	n/a
14 March 2016	Moreland Ave	Hydrocarbon	Unknown	n/a	n/a
21 March 2016	Hardley St	Paint	incorrect cleaning procedures - DIY renovations	warning issued & education as to correct ways to wash paints & brushes	n/a
2017					
2 February 2017	Hungerford Ter	Erosion / sediment discharge t	Eastern bulk water main collapsed	n/a	replaced water main and reinstated eastern river bank with erosion control works
4-Mar-17	Moreland Ave	Discoloured plume	unknown	n/a	n/a
2018					
17 October 2018	Grantham ST	Discoloured plume	unknown	n/a	n/a
2 March 2018	Malcom ST	Wastewater discharge	HCC infrastructure - broken WW pipe - rising main failure	Warning	replaced and upgraded infrastructure
23 November 2018	Rostrevor ST	Discoloured plume	unknown	n/a	n/a
2019					
28 April 2019	Arcus St	Foam	unknown	n/a	n/a
31 May 2019	Arcus St	Foam	unknown	n/a	n/a
22 June 2019	Wellington St	Wastewater discharge	HCC infrastructure - broken WW pipe from tree felling	n/a	Assets upgraded
18 June 2019	River Road	sediment	lack of catchpit protection during dewatering & trenching activity	warning issued	n/a
2020					
3 January 2020	Moreland Ave	discoloured plume	unknown	n/a	n/a
18 June 2020	Arcus St	discoloured plume	unknown	n/a	n/a
22 December 2020	Arcus St	Foam	Washing down vehicles in carpark	Washing down vehicles in carpark	Warning Letter & Tradewaste consent required for onsite vehicle washing
2021					
1 October 2021	Grantham ST	Wastewater discharge	private plumbing cross connection	pending	fixed plumbing
23 December 2021	Arcus St	Hydrocarbon	unknown	n/a	n/a
2022					
24 January 2022	Parana Park Memorial Dr	Discoloured plume	unknown	n/a	n/a

SPS (Sewerage Pump Station) overflows which discharged to the Waikato River

Start	Stop	Pump Station Name	Discharge To	Cause	Penalty	Mitigation
2009						
January-2009						
3/01/2009 11:06	3/01/2009 11:56	CLYDE	OVERFLOW TO WAIKATO RIVER	Unplanned Power Outage	nil	nil
February-2009						
6/02/2009 6:03:07 PM	7/02/2009 8:21:07 PM	WARD	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures
6/02/2009 10:26:15 PM	7/02/2009 11:36:15 PM	WARD	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures
9/02/2009 5:43:07 PM	10/02/2009 6:23:07 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
20/02/2009 12:27:31 PM	20/02/2009 4:00:31 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
20/02/2009 12:52:51 PM	20/02/2009 1:32:51 PM	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
March-2009						
28/03/2009 1:06:08 PM	28/03/2009 1:19:39 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures
April-2009						
May-2009						
June-2009						
28/06/2009 8:05:12 PM	28/06/2009 11:47:14 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
29/06/2009 1:52:55 AM	29/06/2009 3:23:26 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
July-2009						
August-2009						
September-2009						
10/09/2009 5:10:54 PM	10/09/2009 6:05:54 PM	WARD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
13/09/2009 12:48:13 AM	13/09/2009 1:48:13 AM	OPOIA	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
24/09/2009 4:53:06 PM	24/09/2009 5:15:06 PM	BEALE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
24/09/2009 4:00:14 PM	24/09/2009 5:30:14 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
24/09/2009 10:25:57 AM	24/09/2009 11:25:57 AM	SYCAMORE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
October-2009						
4/10/2009 10:54:31 AM	4/10/2009 12:15:31 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
1/10/2009 2:25:58 PM	1/10/2009 3:25:58 PM	WARD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
4/10/2009 11:32:09 AM	4/10/2009 2:32:09 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
5/10/2009 10:46:08 AM	5/10/2009 1:01:08 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
30/10/2009 5:02:50 PM	30/10/2009 6:32:50 PM	LORNE	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures

30/10/2009 5:42:10 PM	30/10/2009 6:42:10 PM	GWYNNE	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures
November-2009						
3/11/2009 8:24:16 AM	3/11/2009 9:24:01 AM	SYCAMORE	OVERFLOW TO WAIKATO RIVER	Mechanical fault	nil	Staff debrief: Review of operating procedures
5/11/2009 9:04:59 AM	5/11/2009 10:33:29 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	missing data		n/a
5/11/2009 9:54:21 PM	5/11/2009 10:29:08 PM	SYCAMORE	OVERFLOW TO WAIKATO RIVER	missing data		n/a
16/11/2009 8:03:46 AM	16/11/2009 8:48:10 AM	SYCAMORE	OVERFLOW TO WAIKATO RIVER	Mechanical fault	nil	Staff debrief: Review of operating procedures
December-2009						
6/12/2009 7:40:40 PM	6/12/2009 7:55:49 PM	Bridge	OVERFLOW TO WAIKATO RIVER	missing data		n/a
7/12/2009 2:02:27 PM	7/12/2009 2:22:14 PM	Bridge	OVERFLOW TO WAIKATO RIVER	missing data		n/a
10/12/2009 12:42:45 PM	10/12/2009 1:02:15 PM	Bridge	OVERFLOW TO WAIKATO RIVER	missing data		n/a
18/12/2009 6:20:23 PM	18/12/2009 6:35:25 PM	Bridge	OVERFLOW TO WAIKATO RIVER	missing data		n/a
2010						
January-2010						
14/01/2010 4:17:57 PM	14/01/2010 4:37:28 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
22/01/2010 12:28:31 AM	22/01/2010 3:35:59 AM	BEALE	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures
26/01/2010 9:52:33 PM	26/01/2010 10:13:15 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
31/01/2010 4:57:17 PM	31/01/2010 9:09:34 PM	BEALE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
31/01/2010 1:10:31 PM	31/01/2010 1:30:13 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
31/01/2010 4:13:02 PM	31/01/2010 4:32:39 PM					Staff debrief: Review of overflow response plans relating to large rain events
31/01/2010 4:52:22 PM	31/01/2010 7:48:13 PM					Staff debrief: Review of overflow response plans relating to large rain events
31/01/2010 5:57:43 PM	31/01/2010 6:48:35 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
31/01/2010 5:47:59 PM	31/01/2010 7:03:25 PM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
February-2010						
1/02/2010 12:00:57 PM	1/02/2010 12:21:29 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
25/02/2010 12:08:17 PM	25/02/2010 12:23:47 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
March-2010						
April-2010						
20/04/2010 4:26:10 PM	20/04/2010 4:51:15 AM	WYMER	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures
20/04/2010 6:31:14 PM	20/04/2010 7:03:46 PM	WYMER	OVERFLOW TO WAIKATO RIVER	Mechanical fault	nil	Staff debrief: Review of operating procedures
26/04/2010 4:25:06 PM	26/04/2010 5:07:52 PM	WARD	OVERFLOW TO WAIKATO RIVER	Mechanical fault	nil	Staff debrief: Review of operating procedures
May-2010						
29/05/2010 10:32	29/05/2010 10:52	LORNE	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	nil
June-2010						
1/06/2010 1:29:46 PM	1/06/2010 2:30:09 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
7/06/2010 9:37:07 AM	7/06/2010 10:28:36 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
14/06/2010 8:14:30 PM	14/06/2010 9:20:08 PM	QUEENWOOD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events

25/06/2010 9:20:33 PM	25/06/2010 9:35:35 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
25/06/2010 10:56:07 PM	26/06/2010 12:51:01 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
25/06/2010 1:26:53 AM	25/06/2010 3:06:45 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
25/06/2010 8:37:10 PM	26/06/2010 4:21:49 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
July-2010						
22/07/2010 8:53	22/07/2010 9:12	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
August-2010						
September-2010						
October-2010						
November-2010						
22/11/2010 10:52	22/11/2010 11:30	SYCAMORE	OVERFLOW TO WAIKATO RIVER	Mechanical fault	nil	Staff debrief: Review of operating procedures
December-2010						
19/12/2010 15:19	19/12/2010 15:38	Bridge	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
20/12/2010 23:08	21/12/2010 0:25	Bridge	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
20/12/2010 23:28	21/12/2010 0:20	Fairfield	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
2011						
January-2011						
23/01/11 6:27:14 AM	23/01/11 6:27:35 AM	BEALE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
23/01/11 6:31:24 AM	23/01/11 6:32:24 AM					
23/01/11 6:32:29 AM	23/01/11 6:34:37 AM					
23/01/11 6:34:43 AM	23/01/11 7:06:31 AM					
23/01/11 7:07:03 AM	23/01/11 5:28:45 PM					
23/01/11 6:27:30 AM	23/01/11 5:17:24 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
23/01/11 5:24:22 PM	23/01/11 6:13:30 PM					
23/01/11 6:27:24 PM	23/01/11 6:48:34 PM					
23/01/11 6:55:32 PM	23/01/11 7:16:34 PM					
23/01/11 7:37:36 PM	23/01/11 7:44:40 PM					
23/01/11 6:55:58 AM	23/01/11 6:42:56 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
23/01/11 6:58:38 AM	23/01/11 6:17:40 PM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
23/01/11 10:27:38 AM	23/01/11 4:10:10 PM	HOWELL	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
23/01/11 2:20:46 PM	24/01/11 2:12:07 AM	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
23/01/11 7:43:54 AM	23/01/11 8:11:02 AM	STRANGS	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
23/01/11 10:20:14 AM	23/01/11 10:47:42 AM					
23/01/11 11:01:20 AM	23/01/11 1:17:52 PM					
23/01/11 2:05:30 PM	23/01/11 2:32:58 PM					
23/01/11 3:28:02 PM	23/01/11 3:48:42 PM					
23/01/11 11:27:52 AM	23/01/11 1:17:22 PM	WYMER	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
24/01/11 2:18:53 AM	24/01/11 8:14:55 AM	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events

29/01/11 4:20:09 AM	29/01/11 7:02:48 AM	BEALE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
29/01/11 4:34:09 AM	29/01/11 5:36:39 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
29/01/11 4:28:35 AM	29/01/11 6:26:24 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
29/01/11 4:45:15 AM	29/01/11 5:40:44 AM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
February-2011						
March-2011						
5/03/11 8:20:05 AM	5/03/11 9:29:17 AM	BEALE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
5/03/11 8:06:13 AM	5/03/11 9:56:37 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
5/03/11 10:30:51 AM	5/03/11 10:58:17 AM					
5/03/11 2:59:29 PM	5/03/11 3:33:51 PM					
26/03/11 5:53:26 PM	26/03/11 7:15:44 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
26/03/11 7:36:16 PM	26/03/11 8:24:10 PM					
26/03/11 5:47:55 PM	26/03/11 6:56:29 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
April-2011						
8/04/11 11:26:29 AM	8/04/11 11:47:14 AM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
12/04/11 4:09:38 PM	12/04/11 5:29:08 PM	CUSSEN	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
26/04/11 7:23:08 AM	26/04/11 9:58:26 AM	BEALE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
26/04/11 7:23:02 AM	26/04/11 7:58:42 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
26/04/11 8:05:50 AM	26/04/11 8:34:21 AM					
26/04/11 8:41:29 AM	26/04/11 8:59:10 AM					
26/04/11 5:23:48 AM	26/04/11 10:12:02 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
26/04/11 5:26:32 AM	26/04/11 11:25:49 AM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
May-2011						
26/05/11 9:14:45 AM	26/05/11 10:45:19 AM	BEALE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
26/05/11 2:49:22 PM	27/05/11 7:53:56 PM	BEALE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
26/05/11 8:57:02 AM	26/05/11 9:20:10 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
26/05/11 9:42:11 AM	26/05/11 10:04:27 AM					
26/05/11 9:44:37 AM	26/05/11 10:30:52 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
26/05/11 3:22:45 PM	26/05/11 7:39:59 PM					
26/05/11 9:25:42 AM	26/05/11 10:46:47 AM	FLYNN	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
26/05/11 3:27:40 PM	26/05/11 8:03:07 PM	FLYNN	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
26/05/11 9:48:00 AM	26/05/11 12:08:57 PM					
26/05/11 3:20:30 PM	26/05/11 7:43:27 PM					
26/05/11 3:52:11 PM	26/05/11 7:19:21 PM	HOWELL	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
June-2011						
10/06/11 6:13:09 PM	10/06/11 7:54:18 PM	BEALE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
10/06/11 5:43:39 PM	10/06/11 6:18:23 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
10/06/11 5:53:23 PM	10/06/11 7:36:32 PM					
		FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events

10/06/11 6:14:18 PM	10/06/11 8:13:56 PM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
20/06/11 9:00:44 PM	20/06/11 9:20:58 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
20/06/11 9:42:58 PM	20/06/11 10:03:08 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
20/06/11 10:26:06 PM	20/06/11 10:48:34 PM					
20/06/11 11:10:58 PM	20/06/11 11:34:21 PM					
20/06/11 11:55:32 PM	21/06/11 12:40:15 AM					
20/06/11 11:02:18 PM	21/06/11 12:42:19 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
20/06/11 11:06:23 PM	21/06/11 1:41:33 AM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
21/06/11 1:02:06 AM	21/06/11 1:23:52 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
July-2011						
8/07/11 8:07:05 AM	8/07/11 8:41:21 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
10/07/11 12:36:23 PM	10/07/11 1:12:35 PM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
August-2011						
September-2011						
October-2011						
3/10/11 8:30:57 PM	3/10/11 8:58:46 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
3/10/11 9:23:42 PM	3/10/11 9:49:40 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
November-2011						
7/11/11 9:30:47 AM	7/11/11 10:54:00 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures
10/11/11 1:11:37 PM	10/11/11 2:20:51 PM	QUEENWOOD	OVERFLOW TO WAIKATO RIVER	Mechanical fault	nil	Staff debrief: Review of operating procedures
10/11/11 3:22:23 PM	10/11/11 4:23:46 PM	QUEENWOOD	OVERFLOW TO WAIKATO RIVER	Mechanical fault	nil	Staff debrief: Review of operating procedures
December-2011						
17/12/11 4:33:29 PM	17/12/11 5:22:08 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
17/12/11 5:47:56 PM	17/12/11 6:24:07 PM					
17/12/11 6:51:37 PM	17/12/11 7:21:14 PM					
17/12/11 7:46:32 PM	17/12/11 8:24:46 PM					
17/12/11 8:48:44 PM	17/12/11 9:11:47 PM					
17/12/11 9:33:40 PM	17/12/11 9:55:29 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
17/12/11 6:21:30 PM	17/12/11 7:49:03 PM					
17/12/11 6:45:26 PM	17/12/11 8:33:28 PM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
17/12/11 8:43:33 PM	17/12/11 9:20:24 PM	RIVER OAKS	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
17/12/11 3:49:55 PM	17/12/11 4:44:23 PM					
18/12/11 12:44:32 AM	18/12/11 1:09:04 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
18/12/11 1:40:15 AM	18/12/11 1:55:34 AM					
18/12/11 9:27:34 AM	18/12/11 9:51:58 AM					
18/12/11 11:42:49 AM	18/12/11 12:14:04 PM					
18/12/11 12:44:44 PM	18/12/11 1:08:57 PM					
18/12/11 9:23:02 AM	18/12/11 11:09:14 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
18/12/11 9:35:36 AM	18/12/11 10:00:32 AM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
18/12/11 10:17:52 AM	18/12/11 10:46:47 AM					

19/12/11 10:43:59 AM	19/12/11 11:07:44 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
21/12/11 6:43:19 PM	21/12/11 7:06:49 PM					
21/12/11 7:29:47 PM	21/12/11 7:52:41 PM					
21/12/11 6:52:26 PM	21/12/11 8:00:50 PM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
21/12/11 8:48:07 PM	21/12/11 10:40:56 PM					
31/12/11 12:19:57 PM	31/12/11 3:17:06 PM	BEALE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
31/12/11 1:45:23 PM	31/12/11 2:15:49 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events

2012

January-2012						
8/01/12 4:33:25 AM	8/01/12 4:49:09 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
8/01/12 5:16:04 AM	8/01/12 5:42:46 AM					
8/01/12 9:16:04 AM	8/01/12 9:33:55 AM					
8/01/12 10:07:11 AM	8/01/12 10:46:24 AM					
8/01/12 11:57:51 AM	8/01/12 12:14:22 PM					

February-2012						
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March-2012						
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21/03/12 10:17:28 PM	21/03/12 11:26:10 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
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April-2012						
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11/04/12 9:11:53 PM	11/04/12 9:32:14 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
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May-2012						
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June-2012						
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July-2012						
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23/07/12 9:18:12 AM	23/07/12 9:37:45 AM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
23/07/12 10:12:50 AM	23/07/12 10:32:25 AM					
23/07/12 8:10:43 PM	23/07/12 8:30:34 PM					
23/07/12 8:52:55 PM	23/07/12 9:12:45 PM					
23/07/12 9:34:21 PM	23/07/12 9:49:53 PM					
23/07/12 10:05:15 PM	23/07/12 10:25:33 PM					
23/07/12 10:49:11 PM	23/07/12 11:10:54 PM					
23/07/12 11:28:28 PM	24/07/12 12:01:50 AM					

23/07/12 7:35:47 PM	24/07/12 1:10:14 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
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23/07/12 8:22:30 PM	24/07/12 7:40:08 AM	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
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August-2012						
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12/08/12 10:50:30 AM	12/08/12 1:54:05 PM	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
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September-2012						
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3/09/12 1:03:25 PM	3/09/12 1:38:48 PM	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
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October-2012						
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November-2012						
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December-2012						
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2013

January-2013						
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February-2013						
27/02/13 7:29:44 PM	27/02/13 8:40:28 PM	Wymer	OVERFLOW TO WAIKATO RIVER	Power outage	nil	nil
March-2013						
April-2013						
21/04/13 1:24:20 PM	21/04/13 2:27:52 PM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
21/04/13 1:19:07 PM	21/04/13 5:59:16 PM	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
May-2013						
10/05/13 10:30:08 PM	11/05/13 2:32:52 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
17/05/13 9:23:02 AM	17/05/13 10:23:45 AM	SYCAMORE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
19/05/13 1:00:17 PM	19/05/13 2:57:44 PM	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
26/05/13 12:19:48 AM	26/05/13 4:31:19 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
June-2013						
4/06/13 4:21:43 PM	4/06/13 5:07:36 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
9/06/13 9:11:03 AM	9/06/13 1:18:56 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Mechanical fault	nil	Staff debrief: Review of operating procedures
9/06/13 10:57:06 AM	9/06/13 12:07:53 PM	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
14/06/13 1:55:08 AM	14/06/13 3:12:55 AM	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
21/06/13 12:59:51 AM	21/06/13 2:13:55 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
July-2013						
August-2013						
September-2013						
12/09/13 3:12:16 PM	12/09/13 3:23:35 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
12/09/13 1:40:22 PM	12/09/13 1:52:08 PM	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
22/09/13 4:50:06 AM	22/09/13 7:21:28 AM	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
October-2013						
November-2013						
12/11/13 11:32:15 AM	12/11/13 11:58:50 AM	LORNE	OVERFLOW TO WAIKATO RIVER	Power failure	nil	nil
December-2013						
2014						
January-2014						
February-2014						
March-2014						
April-2014						
May-2014						

June-2014						
10/06/2014 2:54	10/06/2014 3:26	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
12/06/14 3:02:51 AM	12/06/13 9:56:41 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
July-2014						
12/07/14 6:24:30 PM	12/07/13 6:59:24 PM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
12/07/14 6:28:44 PM	12/07/13 9:38:58 PM					
August-2014						
September-2014						
4/09/14 8:02:09 PM	4/09/14 8:15:10 PM	SYCAMORE	OVERFLOW TO WAIKATO RIVER	Mechanical fault	nil	Staff debrief: Review of operating procedures
6/09/14 10:37:57 AM	6/09/14 12:00:19 PM	SYCAMORE	OVERFLOW TO WAIKATO RIVER	Power failure	nil	Staff debrief: Review of operating procedures
October-2014						
November-2014						
December-2014						
2015						
January-2015						
February-2015						
14/02/15 10:14:00 AM	16/02/15 9:30:00 AM	STRANGS	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures
18/02/15 6:00:00 PM	19/02/15 8:45:00 AM	STRANGS	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures
March-2015						
April-2015						
18/04/15 9:13:10 PM	18/04/15 2:28:11 AM	STRANGS	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
18/04/15 12:47:00 PM	18/04/15 1:55:00 PM	RIVER OAKS	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
18/04/15 9:26:00 AM	18/04/15 9:43:00 PM	WYMER	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
18/04/15 12:03:00 PM	18/04/15 8:00:00 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
18/04/15 12:03:00 PM	18/04/15 4:50:00 PM	DURHAM-ESTATE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
18/04/15 12:10:00 PM	19/04/15 10:40:00 AM	ST. ANDREWS	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
18/04/15 8:55:00 AM	18/04/15 5:30:00 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
18/04/15 9:11:00 AM	18/04/15 9:44:00 AM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
18/04/15 8:56:00 AM	18/04/15 1:02:00 PM	Matipo	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
24/04/15 10:35:00 AM	24/04/15 11:50:00 AM	Queenwood	OVERFLOW TO WAIKATO RIVER		nil	Staff debrief: Review of overflow response plans relating to large rain events
May-2015						
June-2015						
July-2015						
August-2015						

6th August 2015 04:24	6th August 2015 04:34	Sycamore	OVERFLOW TO WAIKATO RIVER	Power failure	nil	nil
September-2015						
October-2015						
November-2015						
December-2015						
2016						
January-2016						
February-2016						
March-2016						
April-2016						
16/04/16 10:43:00 AM	16/04/16 10:56:00 AM	Fairfield	OVERFLOW TO WAIKATO RIVER	Power failure	nil	nil
May-2016						
22/05/16 4:04:00 PM	22/05/16 4:31:00 PM	Sycamore	OVERFLOW TO WAIKATO RIVER	Release of sewer block upstream in wastewater network	nil	Staff debrief: Review of operating procedures
June-2016						
29/06/16 4:17:00 PM	29/06/16 4:34:00 PM	Bridge	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
29/06/16 4:01:00 PM	29/06/16 4:35:00 PM	Fairfield	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
29/06/16 3:46:00 PM	29/06/16 6:50:00 PM	Hillsborough	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
29/06/16 3:52:00 PM	29/06/16 4:15:00 PM	Strangs	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
July-2016						
29/07/16 11:11:00 AM	29/07/16 11:44:00 AM	Wymer	OVERFLOW TO WAIKATO RIVER	Power outage	nil	nil
29/07/16 11:41:00 AM	29/07/16 11:55:00 AM	Sycamore	OVERFLOW TO WAIKATO RIVER	Power outage	nil	nil
August-2016						
September-2016						
October-2016						
November-2016						
December-2016						
2017						
January-2017						
February-2017						
March-2017						
10/03/17 8:19:00 PM	11/03/17 2:15:00 PM	Fairfield	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
10/03/17 8:30:00 PM	11/03/17 2:30:00 PM	Hillsborough	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events

10/03/17 8:20:00 PM	11/03/17 6:16:00 PM	St Andrews	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
11/03/17 11:22:00 PM	12/03/17 8:30:00 AM					
12/03/17 11:15:00 AM	13/03/17 1:15:00 AM					
13/03/17 5:22:00 AM	13/03/17 3:12:00 PM					
11/03/17 3:51:00 AM	12/03/17 11:14:00 AM	Lorne	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
10/03/17 8:31:00 PM	10/03/17 8:39:00 PM	Bridge	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
10/03/17 9:02:00 PM	10/03/17 9:14:00 PM					
10/03/17 9:46:00 PM	10/03/17 10:03:00 PM					
10/03/17 10:24:00 PM	10/03/17 10:51:00 PM					
10/03/17 11:23:00 PM	11/03/17 12:14:00 AM					
11/03/17 12:36:00 AM	11/03/17 12:46:00 AM					
11/03/17 1:20:00 AM	11/03/17 1:36:00 AM					
11/03/17 1:59:00 AM	11/03/17 2:31:00 AM					
11/03/17 3:14:00 AM	11/03/17 3:32:00 AM					
11/03/17 3:49:00 AM	11/03/17 4:03:00 AM					
11/03/17 4:19:00 AM	11/03/17 4:39:00 AM					
11/03/17 4:56:00 AM	11/03/17 5:10:00 AM					
11/03/17 6:01:00 AM	11/03/17 6:13:00 AM					
11/03/17 6:33:00 AM	11/03/17 6:45:00 AM					
11/03/17 7:18:00 AM	11/03/17 7:34:00 AM					
11/03/17 7:56:00 AM	11/03/17 8:06:00 AM					
11/03/17 9:16:00 AM	11/03/17 9:45:00 AM					
11/03/17 10:20:00 AM	11/03/17 10:36:00 AM					
11/03/17 10:55:00 AM	11/03/17 11:09:00 AM					
11/03/17 11:28:00 AM	11/03/17 11:50:00 AM					
11/03/17 12:28:00 PM	11/03/17 12:35:00 PM					
12/03/17 1:36:00 PM	12/03/17 1:44:00 PM					
12/03/17 2:11:00 PM	12/03/17 2:23:00 PM					
April-2017						

May-2017						
12/05/17 12:06:00 PM	12/05/17 2:18:00 PM	Hillsborough	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
12/05/17 12:39:00 PM	12/05/17 12:50:00 PM	Bridge	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
June-2017						
July-2017						
August-2017						
September-2017						
October-2017						
November-2017						
December-2017						
2/12/17 6:37:00 PM	2/12/17 6:45:00 PM	Sherwood	OVERFLOW TO WAIKATO RIVER	Mechanical fault	nil	Staff debrief: Review of operating procedures
2018						
January-2018						
February-2018						
20/02/18 2:37:00 PM	21/02/18 9:38:00 AM	Bridge	OVERFLOW TO WAIKATO RIVER	Mechanical fault (sensor level settings)	Guilty Conviction and fined \$54,000.00	Review and amendment of operating procedures; Further staff development and training
March-2018						
April-2018						
May-2018						
June-2018						
4/06/18 4:51:00PM	04/06/18 5:57:00PM	Fairfield	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
July-2018						
August-2018						
29/08/2018 13:41	29/08/2018 13:52	Lorne	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
29/08/2018 13:52	29/08/2018 14:01					
29/08/2018 14:13	29/08/2018 14:29					
29/08/2018 14:33	29/08/2018 15:15					
September-2018						
October-2018						
November-2018						
December-2018						
20-Dec-18 03:35:07	20/12/2018 3:46	Matipo	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
24/12/2018 2:58	24/12/2018 2:58	Matipo	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
2019						

January-2019						
8/01/2019 22:14	8/01/2019 22:33	Lorne	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures
February-2019						
28/02/2019 21:56	28/02/2019 22:27	Lorne	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures
March-2019						
April-2019						
May-2019						
June-2019						
July-2019						
04-Jul-19 10:21:00	04-Jul-19 11:08:15	Fairfield	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
August-2019						
September-2019						
06-Sep-19 00:12:57	06-Sep-19 00:23:02	Fairfield	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
24-Sep-19 11:39:15	24-Sep-19 13:12:51					
24-Sep-19 11:29:00	24-Sep-19 11:38:52	Strangs	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
24-Sep-19 11:10:17	24-Sep-19 11:13:57	Matipo	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
24-Sep-19 11:23:17	24-Sep-19 14:40:00	Lorne	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
24-Sep-19 11:38:00	24-Sep-19 12:32:00	Hillsborough	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
October-2019						
November-2019						
December-2019						
2020						
January-2020						
February-2020						
March-2020						
May-2020						
April-2020						
May-2020						
June-2020						
11/06/2020 19:52	11/06/2020 20:04	Sycamore	OVERFLOW TO WAIKATO RIVER	Electrical fault	nil	Staff debrief: Review of operating procedures
July-2020						
7/07/2020 11:43	7/07/2020 11:51	Sycamore	OVERFLOW TO WAIKATO RIVER	Unplanned power outage	nil	nil
August-2020						

September-2020						
October-2020						
November-2020						
December-2020						
2021						
January-2021						
February-2021						
March-2021						
04-Mar-21 15:51:35	04-Mar-21 15:59:00	Matipo	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
04-Mar-21 16:08:12	04-Mar-21 16:24:07	Strangs	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
04-Mar-21 16:31:07	04-Mar-21 16:35:17	Fairfield	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
30-Mar-21 11:22:40	30-Mar-21 13:26:40	Fairfield	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
30-Mar-21 12:31:34	30-Mar-21 14:30:30	Lorne	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
May-2021						
April-2021						
May-2021						
June-2021						
July-2021						
August-2021						
09-Aug-21 20:21:00	09-Aug-21 20:36:00	Fairfield	OVERFLOW TO WAIKATO RIVER	Unplanned Power Outage	nil	nil
28-Aug-21 18:21:14	28-Aug-21 19:21:14	Fairfield	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
28-Aug-21 17:49:59	28-Aug-21 20:08:23	Lorne	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
September-2021						
23-Sep-21 06:47:23	23-Sep-21 08:41:58	Lorne	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief: Review of overflow response plans relating to large rain events
23-Sep-21 13:40:29	23-Sep-21 14:46:14					
23-Sep-21 15:44:09	23-Sep-21 20:02:07					
23-Sep-21 05:33:18	23-Sep-21 11:25:45	Fairfield	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
23-Sep-21 15:55:29	23-Sep-21 16:10:48	Strangs	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
23-Sep-21 07:02:08	23-Sep-21 07:25:43					
23-Sep-21 07:50:33	23-Sep-21 07:55:44					
23-Sep-21 15:46:39	23-Sep-21 16:10:48					
October-2021						
November-2021						
December-2021						
2022						

January-2022						
February-2022						

Discharges From Wastewater Treatment Plant (WWTP)

DATE	LOCATION	DESCRIPTION	CAUSE OF WW DISCHARGE	PENALTIES	MITIGATION
2007					
22/08/2007	WWTP	Partially treated wastewater	Spill of primary sludge into WWTP stormwater system. Valve been left in open position at primary sludge line after a jet-clean of the line.	Warning	Review of stormwater network at Pukete
2011					
31/07/2011	WWTP	Partially treated wastewater	Overflow from Dewatering Day Tank - mechanical fault in centrifuge	Conviction with restorative justice \$37,500 planting and fencing	Riparian planting, safety valves installed on stormwater discharge points
2019					
14/02/2019	WWTP	Partially treated wastewater	Spill of Return Activated Sludge (RAS) to SW network into receiving environment	Warning	Additional sensors and alarms installed in RAS processing plant
19/02/2019	WWTP	Hypochlorite	Hypochlorite discharged from a faulty tap on a storage IBC	Warning	IBC moved into fully bunded area to mitigate future events
2021					
5/08/2021	WWTP	Partially treated wastewater	The outlet valve from clarifier to UV system not in the open position - clarifier overtopped and discharged to land and the stormwater system	Warning	Process review for commissioning of new infrastructure and bringing assets online.
2022					