### Laura Bowman

**From:** official information

Sent: Thursday, 24 February 2022 4:09 pm

To:

Cc: official information

Subject: RE: LGOIMA 22005 - 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.

 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 <u>Attachment "B".</u> For discharges from the Pukete Wastewater Treatment Plant directly to the Waikato River, please refer to <u>Attachment "C".</u>

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 <a href="here">here</a>.

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 <a href="https://www.ombudsman.parliament.nz">www.ombudsman.parliament.nz</a> or freephone 0800 802 602.

<sup>\*\*</sup>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.

#### **Official Information Team**

Legal Services & Risk | People and Organisational Performance

Email: officialinformation@hcc.govt.nz



# Hamilton Invest OUR STORY \ INVE

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

Email address:

Name:

Phone number:

## **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 (Sewe	rage Pump Station)	overflows which d	ischarged to t	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	1			<u> </u>		
June-2009						
28/06/2009 8:05:12 PM	28/06/2009 11:47:14 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	Inil	Staff debrief:
20/00/2003 0.03.12 1 141	20/00/2003 11.47.14110	TAIR ILLE	OVER EOW TO WARRENGE MIVEN	ricavy rain	"""	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	10/00/2000 C-05-54 DM	WARD	OVEREI OW TO WALKATO BIVER	Usan rasia	l <sub>mil</sub>	Caeff Johning.
10/09/2009 5:10:54 PM	10/09/2009 6:05:54 PM	OPOIA	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain	nil 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			Heavy rain		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
18/12/2003 0.20.231101	18/12/2005 0.33.231 WI	bridge	OVERTEOW TO WARRATO RIVER		<u> </u>	11/10
				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:
, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,			1		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:
22,01,2010 12:20:017::::	22,01,2010 0.00.007	527122	012.11.2011 10 117.11111 11 0 11112.11	Electrical radic		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:
20/01/2010 3.32.33110	20/01/2010 10:13:13 1 101	DIVIDUE	OVERTEOW TO WARRATO RIVER	ricavy rain	1111	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:
31/01/2010 4.37.17 FW	31/01/2010 9.09.34 FIVI	BLALL	OVERFLOW TO WARRATO RIVER	rieavy raili	1111	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:
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31/01/2010 4:13:02 PM	31/01/2010 4:32:39 PM					Staff debrief:
24 /04 /2040 4 52 22 014	24 /04 /2040 7 40 42 014	_				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:
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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. /00 /00.40 40 04 00 044	2012.05	0.45051 0.44 70 144 44 70 0.450		nil	0. (6.1.1.1.6
1/02/2010 12:00:57 PM	1/02/2010 12:21:29 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nii	Staff debrief:
25/22/22/2 42 22 47 24	25 (22 (224 2 42 22 47 24	2012.05	0.45051 0.44 70 144 44 70 0.450			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	<del></del>					
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<b>April-2010</b> 20/04/2010 4:26:10 PM	20/04/2010 4:51:45 484	WYMER	OVEREI OM TO MARKATO BIVES	Electrical fault	nil	Chaff dobriaf
20/04/2010 4:25:10 PIVI	20/04/2010 4:51:15 AM	WIIVIEK	OVERFLOW TO WAIKATO RIVER	Electrical fault	nii	Staff debrief:
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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	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:
				<u> </u>		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:
			1	<b>,</b> , ,		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:
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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						The state of the s
19/12/2010 15:19	19/12/2010 15:38	Bridge	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
13, 12, 2010 13.13	13, 12, 2010 13:30	J. Tage	012111201110111111111111111111111111111	ricar, rain		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:
20/12/2010 23:00	21/12/2010 0.23	bridge	OVERIEGW TO WARRATO RIVER	ricavy rain	"""	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:
20/12/2010 23.28	21/12/2010 0.20	rairrieiu	OVERFLOW TO WAIRATO RIVER	neavy raili	l''''	Review of overflow response plans relating to large rain events
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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					
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23/01/11 5:24:22 PM		BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
23/01/11 6:27:24 PM	23/01/11 6:13:30 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
25/U1/11 U.Z7.Z4 PIVI	23/01/11 6:13:30 PM 23/01/11 6:48:34 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
23/01/11 6:55:32 PM	23/01/11 6:48:34 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
		BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events
23/01/11 6:55:32 PM	23/01/11 6:48:34 PM 23/01/11 7:16:34 PM	FAIRFIELD		·	nil	Staff debrief:Review of overflow response plans relating to large rain events  Staff debrief:
23/01/11 6:55:32 PM 23/01/11 7:37:36 PM	23/01/11 6:48:34 PM 23/01/11 7:16:34 PM 23/01/11 7:44:40 PM		OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain  Heavy rain		Staff debrief:
23/01/11 6:55:32 PM 23/01/11 7:37:36 PM 23/01/11 6:55:58 AM	23/01/11 6:48:34 PM 23/01/11 7:16:34 PM 23/01/11 7:44:40 PM 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 6:55:32 PM 23/01/11 7:37:36 PM	23/01/11 6:48:34 PM 23/01/11 7:16:34 PM 23/01/11 7:44:40 PM			·		Staff debrief: Review of overflow response plans relating to large rain events Staff debrief:
23/01/11 6:55:32 PM 23/01/11 7:37:36 PM 23/01/11 6:55:58 AM 23/01/11 6:58:38 AM	23/01/11 6:48:34 PM 23/01/11 7:16:34 PM 23/01/11 7:44:40 PM 23/01/11 6:42:56 PM 23/01/11 6:17:40 PM	FAIRFIELD HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain	nil nil	Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events
23/01/11 6:55:32 PM 23/01/11 7:37:36 PM 23/01/11 6:55:58 AM	23/01/11 6:48:34 PM 23/01/11 7:16:34 PM 23/01/11 7:44:40 PM 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 Staff debrief: Review of overflow response plans relating to large rain events Staff debrief:
23/01/11 6:55:32 PM 23/01/11 7:37:36 PM 23/01/11 6:55:58 AM 23/01/11 6:58:38 AM 23/01/11 10:27:38 AM	23/01/11 6:48:34 PM 23/01/11 7:16:34 PM 23/01/11 7:40:34 PM 23/01/11 6:42:56 PM 23/01/11 6:17:40 PM 23/01/11 4:10:10 PM	FAIRFIELD HILLSBOROUGH HOWELL	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain	nil nil nil	Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events
23/01/11 6:55:32 PM 23/01/11 7:37:36 PM 23/01/11 6:55:58 AM 23/01/11 6:58:38 AM	23/01/11 6:48:34 PM 23/01/11 7:16:34 PM 23/01/11 7:44:40 PM 23/01/11 6:42:56 PM 23/01/11 6:17:40 PM	FAIRFIELD HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain	nil nil	Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Staff debrief:
23/01/11 6:55:32 PM 23/01/11 7:37:36 PM 23/01/11 6:55:58 AM 23/01/11 6:58:38 AM 23/01/11 10:27:38 AM 23/01/11 2:20:46 PM	23/01/11 6:48:34 PM 23/01/11 7:16:34 PM 23/01/11 7:16:34 PM 23/01/11 7:44:40 PM 23/01/11 6:42:56 PM 23/01/11 6:17:40 PM 23/01/11 4:10:10 PM 24/01/11 2:12:07 AM	FAIRFIELD HILLSBOROUGH HOWELL LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain Heavy rain	nil nil nil	Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events
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23/01/11 6:55:32 PM 23/01/11 7:37:36 PM 23/01/11 6:55:58 AM 23/01/11 6:58:38 AM 23/01/11 10:27:38 AM 23/01/11 2:20:46 PM 23/01/11 7:43:54 AM 23/01/11 10:20:14 AM	23/01/11 6:48:34 PM 23/01/11 7:16:34 PM 23/01/11 7:44:40 PM 23/01/11 6:42:56 PM 23/01/11 6:17:40 PM 23/01/11 4:10:10 PM 24/01/11 2:12:07 AM 23/01/11 8:11:02 AM 23/01/11 10:47:42 AM	FAIRFIELD HILLSBOROUGH HOWELL LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain Heavy rain	nil nil nil	Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events
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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			neary rain		State destremented of overnow response plans relating to large rain events
26/04/11 8:41:29 AM	26/04/11 8:59:10 AM					
26/04/11 5:41:25 AM	26/04/11 10:12:02 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
20/04/11 3.23.46 AW	20/04/11 10.12.02 AW	AINTILLD	OVERFLOW TO WARRATO RIVER	lieavy raili	'''	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	Honerrain	nil	Staff debrief:
20/04/11 5.20.32 AW	20/04/11 11:25:45 AW	IIILLSBOROOGII	OVERPLOW TO WAIRATO RIVER	Heavy rain	'''	
May-2011						Review of overflow response plans relating to large rain events
26/05/11 9:14:45 AM	26/05/11 10:45:19 AM	BEALE	OVERFLOW TO WAIKATO RIVER	Honerrain	nil	Staff debrief:
20/03/11 3.14.43 AW	20/03/11 10.43.13 AW	DEALE	OVERPLOW TO WAIRATO RIVER	Heavy rain	'''	
26/05/11 2:49:22 PM	27/05/11 7:53:56 PM	BEALE	OVERFLOW TO WAIKATO RIVER	Haarar main	nil	Review of overflow response plans relating to large rain events  Staff debrief:
26/05/11 2:49:22 PIVI	27/05/11 7:53:56 PIVI	BEALE	OVERFLOW TO WAIKATO RIVER	Heavy rain	luii	
26/05/44 0.57.02 AM	26/05/11 0:20:10 ANA	DDIDCE	OVERELOW TO MAJEATO BIVER	U	- 1	Review of overflow response plans relating to large rain events
26/05/11 8:57:02 AM 26/05/11 9:42:11 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 10:04:27 AM	EVIDEIELD	OVERELOW TO WALKATO BILITE	Hoaverrain	nil	Staff debrief Deview of everflow recognizes alone relation to large raise
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	FLYNN	OVERELOW TO WARRATO BUSE	l lagurugaiga		Casti Jaharat
26/05/11 9:25:42 AM	26/05/11 10:46:47 AM	FLYNN	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
25/25/44 2 27 42 24	25/25/44 2 22 27 24 :	513411	0.42551 0.44 TO 144 HATO BY :	<del></del>		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			<u> </u>		
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:
	1			1		Review of overflow response plans relating to large rain events
L	1				I	nester of overnow 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:
	,			neary rain		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:
20,00,11 11.00.23 1 10	21/00/11 1.41.55 /11/1	THEESBORGGGH	OVERTEOW TO WARRATO RIVER	neavy rain	1111	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:
21/00/11 1:02:00 AW	21/00/11 1.23.32 AIVI	BRIDGE	OVERFLOW TO WAIRATO RIVER	neavy rain	'''	
L. L. 2044						Review of overflow response plans relating to large rain events
July-2011	10/07/44 0 44 04 444	Innun or	T			- M. I. I. A.
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:
5, 10, 11 0.50.5, 1.11	3, 13, 11 0.30.101			neary rain		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:
3/10/11 9.23.42 FW	3/10/11 9.49.40 FW	BRIDGE	OVERFEOW TO WAIRATO RIVER	lieavy raili	!!!!	
N 2044						Review of overflow response plans relating to large rain events
November-2011	7/44/44 40.54.00 484	PDIDGE	OVEREI OM TO MARKATO DIVER	Element of female	- 11	Couff delected
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	<del> </del>				
17/12/11 5:33:40 PM	17/12/11 7:49:03 PM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
2.,12,11 0.21.3011	1.,12,11 7.43.03 7 W		O. Z.M. EOW TO WANDER		'''	Review of overflow response plans relating to large rain events
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 8:43:26 PM 17/12/11 8:43:33 PM	17/12/11 8:33:28 PM 17/12/11 9:20:24 PM	HILLSBUNUUUH	OVERFLOW TO WAIKATO RIVER	licavy raili	'''	Start debrief. Neview of overflow response plans relating to large rain events
_ ' _ '		DIVED OAYS	OVERELOW TO WARRATO BUSES	Haarry sain	-:1	Capiff delaying.
17/12/11 3:49:55 PM	17/12/11 4:44:23 PM	RIVER OAKS	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
	1					Review of overflow response plans relating to large rain events
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					
	40/42/44 44 00 44 444	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
18/12/11 9:23:02 AM	18/12/11 11:09:14 AM					
18/12/11 9:23:02 AM	18/12/11 11:09:14 AM	7,414,1225		· •		
18/12/11 9:23:02 AM 18/12/11 9:35:36 AM	18/12/11 11:09:14 AM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	·	nil	Review of overflow response plans relating to large rain events
· ·				Heavy rain		

19/12/11 11:093:39 AM   19/12/11 11:074 AM   BRIDGE   OVERFLOW TO WAIKATO RIVER   Reavy rain   Staff debrief: Review of overflow response plans relating to large rain events   12/12/11 7:094 PM   21/12/11 1:094:095 PM   HILLSONDOUGH   OVERFLOW TO WAIKATO RIVER   Heavy rain   nil   Staff debrief: Review of overflow response plans relating to large rain events   12/12/11 1:094:095 PM   STAFF   21/12/11 1:094:095 PM   BRIDGE   OVERFLOW TO WAIKATO RIVER   Heavy rain   nil   Staff debrief: Review of overflow response plans relating to large rain events   13/12/11 1:15:49 PM   STAFF   21/12/11 1:15:49 PM   BRIDGE   OVERFLOW TO WAIKATO RIVER   Heavy rain   nil   Staff debrief: Review of overflow response plans relating to large rain events   13/12/11 1:15:49 PM   STAFF   21/12/11 1:15:49 PM   BRIDGE   OVERFLOW TO WAIKATO RIVER   Heavy rain   nil   Staff debrief: Review of overflow response plans relating to large rain events   13/12/11 1:15:49 PM   STAFF   21/12/11 1:15:49 PM   STAFF   21/12/11 1:15:49 PM   BRIDGE   OVERFLOW TO WAIKATO RIVER   Heavy rain   nil   Staff debrief: Review of overflow response plans relating to large rain events   13/12/11 1:15:49 PM   STAFF   21/12/11 1:15:49 PM
1/12/11 / 12/947 PM   1/12/11   80-050 PM   1/12/11   13/1706 PM
11/12/11 15:27:28 PM   21/12/11 10:40:59 PM   11/12/11 10:40:59 PM   12/12/11 10:40:59 PM
\$1/12/11 1.49-639 PM
Staff debrief:   Staf
Review of overflow response plans relating to large rain events
Staff debrief:   Staf
Staff debrief:   Staf
Review of overflow response plans relating to large rain events
Solution
Description   Staff debrief:   Staff d
S/01/12 43325 AM   S/01/12 449:09 AM   SRIDGE   OVERFLOW TO WAIKATO RIVER   Heavy rain   nil   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff debrief: Review of overflow response plans relating to large rain events   Staff
S/01/12 5:16:04 AM   S/01/12 5:13:35 AM   S/01/12 10:37:35 AM
S/01/12 9:16:04 AM   S/01/12 9:33:55 AM   S/01/12 10:07:11 AM   S/01/12 10:07:11 AM   S/01/12 10:07:11 AM   S/01/12 10:07:11 AM   S/01/12 10:11:25 PM
S/01/12 10:07:11 AM
S/01/12 10:07:11 AM
S/01/12 11:57:51 AM
February-2012  March-2012  21/03/12 10:17:28 PM
March-2012
21/03/12 10:17:28 PM
21/03/12 10:17:28 PM
April-2012  11/04/12 9:11:53 PM
April-2012  11/04/12 9:11:53 PM
11/04/12 9:31:53 PM
Review of overflow response plans relating to large rain events
Nay-2012
June-2012    July-2012   Say 107/12 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 8:10:43 PM   23/07/12 8:30:34 PM   23/07/12 9:34:21 PM   23/07/12 9:34:21 PM   23/07/12 10:25:33 PM   23/07/12 10:05:15 PM
Suly-2012   18:12 AM   23/07/12   9:18:12 AM   23/07/12   9:37:45 AM   23/07/12   10:12:50 AM   23/07/12   10:12:50 AM   23/07/12
Suly-2012   18:12 AM   23/07/12   9:18:12 AM   23/07/12   9:37:45 AM   23/07/12   10:12:50 AM   23/07/12   10:12:50 AM   23/07/12
23/07/12 9:18:12 AM 23/07/12 9:37:45 AM BRIDGE OVERFLOW TO WAIKATO RIVER Heavy rain nil Staff debrief:  23/07/12 10:12:50 AM 23/07/12 8:30:34 PM 23/07/12 9:12:45 PM 23/07/12 9:12:45 PM 23/07/12 9:12:45 PM 23/07/12 10:05:15 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 PM 24/07/12 12:01:50 AM
23/07/12 9:18:12 AM 23/07/12 9:37:45 AM BRIDGE OVERFLOW TO WAIKATO RIVER Heavy rain nil Staff debrief:  23/07/12 10:12:50 AM 23/07/12 8:30:34 PM 23/07/12 9:12:45 PM 23/07/12 9:12:45 PM 23/07/12 9:12:45 PM 23/07/12 10:05:15 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 PM 24/07/12 12:01:50 AM
23/07/12 10:12:50 AM 23/07/12 10:32:25 AM 23/07/12 8:30:34 PM 23/07/12 8:30:34 PM 23/07/12 9:34:21 PM 23/07/12 9:34:21 PM 23/07/12 10:25:33 PM 23/07/12 10:515 PM 23/
23/07/12 8:10:43 PM
23/07/12 8:52:55 PM 23/07/12 9:12:45 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 9:34:21 PM 23/07/12 9:49:53 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 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 10:49:11 PM
23/07/12 11:28:28 PM 24/07/12 12:01:50 AM
23/07/12 7:35:47 PM
Review of overflow response plans relating to large rain events
23/07/12 8:22:30 PM
Review of overflow response plans relating to large rain events
August-2012
12/08/12 10:50:30 AM
Review of overflow response plans relating to large rain events
September-2012
3/09/12 1:03:25 PM 3/09/12 1:38:48 PM LORNE OVERFLOW TO WAIKATO RIVER Heavy rain nil Staff debrief:
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
3/09/12 1:03:25 PM 3/09/12 1:38:48 PM LORNE OVERFLOW TO WAIKATO RIVER Heavy rain nil Staff debrief:
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  October-2012    Contraction of the con
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
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  October-2012  November-2012    November-2012
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  October-2012
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  October-2012  November-2012    November-2012
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  November-2012  December-2012  December-2012
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    November-2012
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  November-2012  December-2012  December-2012

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
121/06/13 12-50-51 ۸۸۸	21/06/13 2:13:55 AM	FAIRFIELD	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
21/06/13 12:59:51 AM	21/00/13 2:13:33 / ((1)		0.5111.5011.1011.1111.11011.11511	ricavy rain	''''	
	21/00/13 2.13.337(1)		072.11 20 11 10 11/11/11 11/11/21	ricavy rum		Review of overflow response plans relating to large rain events
July-2013	21,00,13 2.13.33 / (14)			Ticavy rain		
July-2013	E1/00/13 E.13.337(W)			Treaty rain		
	2700/13 2.13.33 / 111			The state of the s	""	
July-2013 August-2013	21/00/15 2:13:35/W					
July-2013 August-2013 September-2013						Review of overflow response plans relating to large rain events
July-2013 August-2013	12/09/13 3:23:35 PM	BRIDGE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Review of overflow response plans relating to large rain events  Staff debrief:
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	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events
July-2013 August-2013 September-2013						Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events Staff debrief:
July-2013  August-2013  September-2013  12/09/13 3:12:16 PM  12/09/13 1:40:22 PM	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM	BRIDGE LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain	nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  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	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Staff debrief:
July-2013  August-2013  September-2013 12/09/13 3:12:16 PM  12/09/13 1:40:22 PM  22/09/13 4:50:06 AM	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM	BRIDGE LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain	nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  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 1:40:22 PM	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM	BRIDGE LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain	nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Staff debrief:
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July-2013  August-2013  September-2013  12/09/13 3:12:16 PM  12/09/13 1:40:22 PM  22/09/13 4:50:06 AM  October-2013  November-2013	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM 22/09/13 7:21:28 AM	BRIDGE  LORNE  LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain	nil nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events Staff debrief: Review of overflow response plans relating to large rain events Staff debrief:
July-2013  August-2013  September-2013  12/09/13 3:12:16 PM  12/09/13 1:40:22 PM  22/09/13 4:50:06 AM  October-2013	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM	BRIDGE LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain	nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  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 1:40:22 PM  22/09/13 4:50:06 AM  October-2013  November-2013 12/11/13 11:32:15 AM	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM 22/09/13 7:21:28 AM	BRIDGE  LORNE  LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain	nil nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  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 1:40:22 PM  22/09/13 4:50:06 AM  October-2013  November-2013 12/11/13 11:32:15 AM	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM 22/09/13 7:21:28 AM	BRIDGE  LORNE  LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain Power failure	nil nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  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 1:40:22 PM  22/09/13 4:50:06 AM  October-2013  November-2013 12/11/13 11:32:15 AM	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM 22/09/13 7:21:28 AM	BRIDGE  LORNE  LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain	nil nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  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 1:40:22 PM  22/09/13 4:50:06 AM  October-2013  November-2013 12/11/13 11:32:15 AM	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM 22/09/13 7:21:28 AM	BRIDGE  LORNE  LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain Power failure	nil nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  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 1:40:22 PM  22/09/13 4:50:06 AM  October-2013  November-2013  12/11/13 11:32:15 AM  December-2013	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM 22/09/13 7:21:28 AM	BRIDGE  LORNE  LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain Power failure	nil nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  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 1:40:22 PM  22/09/13 4:50:06 AM  October-2013  November-2013  12/11/13 11:32:15 AM  December-2013	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM 22/09/13 7:21:28 AM	BRIDGE  LORNE  LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain Power failure	nil nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  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 1:40:22 PM  22/09/13 4:50:06 AM  October-2013  November-2013  12/11/13 11:32:15 AM  December-2013  January-2014  February-2014	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM 22/09/13 7:21:28 AM	BRIDGE  LORNE  LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain Power failure	nil nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  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 1:40:22 PM 22/09/13 4:50:06 AM  October-2013  November-2013 12/11/13 11:32:15 AM December-2013  January-2014	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM 22/09/13 7:21:28 AM	BRIDGE  LORNE  LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain Power failure	nil nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events
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July-2013  August-2013  September-2013  12/09/13 3:12:16 PM  12/09/13 1:40:22 PM  22/09/13 4:50:06 AM  October-2013  November-2013  12/11/13 11:32:15 AM  December-2013  January-2014  February-2014	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM 22/09/13 7:21:28 AM	BRIDGE  LORNE  LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain Power failure	nil nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  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 1:40:22 PM 22/09/13 4:50:06 AM  October-2013  November-2013 12/11/13 11:32:15 AM December-2013  January-2014  February-2014  March-2014  April-2014	12/09/13 3:23:35 PM 12/09/13 1:52:08 PM 22/09/13 7:21:28 AM	BRIDGE  LORNE  LORNE	OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER  OVERFLOW TO WAIKATO RIVER	Heavy rain Heavy rain Heavy rain Power failure	nil nil	Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events  Staff debrief: Review of overflow response plans relating to large rain events
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June-2014						
10/06/2014 2:54	10/06/2014 3:26	LORNE	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
20,00,201.2.5.	10, 00, 201 . 0.20	2011112				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					1	
12/07/14 6:24:30 PM	12/07/13 6:59:24 PM	HILLSBOROUGH	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
12/07/14 6:28:44 PM	12/07/13 9:38:58 PM			,		Review of overflow response plans relating to large rain events
August-2014					1	
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		
				2013		
January-2015		<u> </u>				
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		<u> </u>				
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						
		I				
June-2015						
July-2015  July-2015  August-2015						

511 4	Tour a constant	la .	LOUISING WITH THE PRICE	la 6 11	La	T.,
6th August 2015 04:24	6th August 2015 04:34	Sycamore	OVERFLOW TO WAIKATO RIVER	Power failure	nil	nil
September-2015					<del> </del>	
October-2015					<u> </u>	
November-2015					<u> </u>	
December-2015					<u> </u>	
				2016		
January-2016						
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February-2016						
rebidaly-2010					T	
March-2016						
IVIAICII-2010					T	
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	110/04/10 10.30.00 AW	i ali ficiu	JOVERSEOW TO WAIRATO RIVER	li owei iaiiuie		
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	nil	Staff debrief:
22/03/10 4:04:00 FIVI	22/03/10 4.31.00 FW	Sycamore	OVERFEOW TO WAIRATO RIVER	wastewater network	'''	Review of operating procedures
June-2016				wastewater Hetwork		neview of operating procedures
29/06/16 4:17:00 PM	29/06/16 4:34:00 PM	Bridge	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
25/00/10 4.17.00 FW	25/00/10 4.54.00 FW	bridge	OVERFEOW TO WAIRATO RIVER	lieavy raili	'''	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:
25/00/10 4.01.00 FW	25/00/10 4.55.00 FW	rairrieid	OVERFEOW TO WAIRATO RIVER	lieavy raili	'''	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:
25/00/10 5.40.00 1 101	25/00/10 0.50.001101	Tillisborough	OVERFEOW TO WAIRATO RIVER	lieavy raili	'''	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:
25/00/10 3.52.00 1 101	25/00/10 4.15.001101	Strangs	OVER EOW TO WARRATO RIVER	Tieavy rain	'''	Review of overflow response plans relating to large rain events
July-2016						Review of overflow response plans relating to large rain events
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 11:11:00 AM	29/07/16 11:55:00 AM	Sycamore	OVERFLOW TO WAIKATO RIVER	Power outage	nil	nil
August-2016	25/07/10 11:55:00 AW	Sycamore	OVER EOW TO WARRATO RIVER	I ower outage		
August-2010					T	
September-2016						
September-2010					T	
October-2016						
OCCUPET-ZUIU						
November-2016						
HOTE/IIDEI-ZUIU					T	
December-2016						
December-2010						
		1	ı		l	
				2017		
January-2017						
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February-2017	<u> </u>		<u>,                                      </u>			
March-2017	<u> </u>				<u>'</u>	
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:
				, . <del></del>		Review of overflow response plans relating to large rain events
	1	1		1	1	

40/02/47 0 20 00 004	44/02/47 6 46 00 004	Ct. A d	OVERELOW/TO WARRATO BILVER	Internation	Lan	Chaff dalacter
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	<del>- </del>				
12/03/17 11:13:007(1)	13/03/17 1:13:00 / 1111					
		<b>→</b>				
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
20,00,21 0.02.00				1.000, 1000		
10/03/17 9:02:00 PM	10/03/17 9:14:00 PM	<del>- </del>				
10/03/17 3.02.001101	10/03/17 3:14:001101					
40/02/47 0 46 00 014	10/02/17 10 02 00 014	<del></del>				
10/03/17 9:46:00 PM	10/03/17 10:03:00 PM					
10/00/17 10 01 00 01	10/00/17 10 51 00 51	<del>_</del>				
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	<del>_</del>				
11/03/17 12:36:00 AM	11/03/17 12:46:00 AM	<del>- </del>				
11/03/17 1:20:00 AM	11/03/17 1:36:00 AM	<del> </del>				
11/03/17 1:59:00 AM	11/03/17 2:31:00 AM	<del>- </del>				
11/03/17 3:14:00 AM	11/03/17 3:32:00 AM	<del>- </del>				
11/03/17 3:49:00 AM	11/03/17 4:03:00 AM	<del>- </del>				
11/03/17 4:19:00 AM	11/03/17 4:39:00 AM	$\dashv$				
11/03/17 4:56:00 AM	11/03/17 5:10:00 AM	<del>- </del>				
11/03/17 6:01:00 AM	11/03/17 6:13:00 AM	<del>- </del>				
11/03/17 6:33:00 AM	11/03/17 6:45:00 AM	<del> </del>				
11/03/17 7:18:00 AM	11/03/17 7:34:00 AM	<del> </del>				
11/03/17 7:56:00 AM	11/03/17 8:06:00 AM	<del></del>				
11/03/17 9:16:00 AM	11/03/17 9:45:00 AM	<del></del>				
11/03/17 10:20:00 AM	11/03/17 10:36:00 AM	<del></del>				
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	_					

M 2047						
May-2017	42/05/47 2:40:00 PM	Littleh enemek	Tourse out to walke to built			
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						neview of overnow response plans relating to large rain events
74110 2027						
July-2017						
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August-2017						
September-2017						
October-2017						
November-2017						
December-2017	<u> </u>			•	<u></u>	
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
	I	L		2018		The state of the s
January-2018				2018		
January-2016						
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	Review and amendment of operating procedures; Further staff development and training
20/02/10 2:57:001141	21/02/18 3.30.007(1)	Биаде	OVERILEON TO WAIROUTO HIVER	ivicentamear radic (sensor rever sectings	\$54,000.00	neview and amendment of operating procedures, tarther stan development and training
					, , , , , , , , , , , , , , , , , , ,	
March-2018			T			
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April-2018			<u> </u>			
May-2018			<u> </u>			
June-2018	04/05/40 5 57 00014	best-foots	OVEREI OW TO WALKATO BUVER	Harvayar's		Coeff data and
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			<u> </u>			
A						
August-2018	20/09/2019 12:52	Lorno	OVERELOW TO MANAGE BUSES	Hogavarain	nil	Chaff dobring
29/08/2018 13:41 29/08/2018 13:52	29/08/2018 13:52	Lorne	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
	29/08/2018 14:01	<del> </del>				Review of overflow response plans relating to large rain events
29/08/2018 14:13	29/08/2018 14:29	<del></del>				
29/08/2018 14:33	29/08/2018 15:15					
September-2018						
Ostobor 2010						
October-2018						
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December-2018	20/42/2045 2 45	DA - N'	OVEREI OWATE WARRENDER		1-9	Chaff dala dat
20-Dec-18 03:35:07	20/12/2018 3:46	Matipo	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:
24/42/2040 2.50	24/42/2040 2.50	A A a A Comp	OVERELOW TO MARKATO STUTE			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
l				2019		
				====		

January-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		1							
April-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		1							
06-Sep-19 00:12:57 24-Sep-19 11:39:15	06-Sep-19 00:23:02 24-Sep-19 13:12:51	Fairfield	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events			
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									
December-2015									
	l.			2020		<b>!</b>			
January-2020				2020					
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February-2020									
March-2020									
iviarch-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									
L	I					I.			

September-2020								
September 2020				T				
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:		
20.14 24.44-22-40	20.1424.42-26-46	r. Oft. 14	OVERELOW TO MARKATO STATE	11		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:		
30-Mar-21 12:31:34	30-Mar-21 14:30:30	Lorne	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Review of overflow response plans relating to large rain events  Staff debrief:		
30-IVId1-21 12.31.34	30-IVId1-21 14.30.30	Lorne	OVERFLOW TO WAIRATO RIVER	neavy raili	''''	Review of overflow response plans relating to large rain events		
May-2021						Review of Overflow response plans relating to large failt events		
1VIA y-2021								
April-2021								
7.p. 1. 2022								
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	22.5 24.00.44.50	1	OVEREI OW TO WARRATO STORE	lu a a a a a a ta	1.11	Couff date of		
23-Sep-21 06:47:23 23-Sep-21 13:40:29	23-Sep-21 08:41:58 23-Sep-21 14:46:14	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 15:44:09	23-Sep-21 14:46:14 23-Sep-21 20:02:07					neview of overflow response plans relating to large rain events		
23-Sep-21 15:44:09 23-Sep-21 05:33:18	23-Sep-21 20:02:07 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 11:23:43 23-Sep-21 16:10:48	- an neiu	OVERILOW TO WAIRATO RIVER	ricavy rain		Stan debrief never of overnow response plans relating to large fall events		
23-Sep-21 07:02:08	23-Sep-21 07:25:43	Strangs	OVERFLOW TO WAIKATO RIVER	Heavy rain	nil	Staff debrief:Review of overflow response plans relating to large rain events		
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	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.		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						