

Sewage Spill Records - 2011

Date Spill Started	Date Spill Detected	Date Spill Ceased	Location	Cause	Volume (m ³)	Public Health Risk as assessed by NDHB	Type of Sewage	Action Taken
23/01/2011	23/01/2011	23/01/2011	Okara Park	Both 250Kw variable speed drives failed. In excess of 100mm of rain over 12 hour period.	1,238.0	Moderate	Raw/unscreened	Repairs made. Samples taken
23/01/2011	23/01/2011	23/01/2011	Hatea pump station	Inflow/infiltration. 150mm+ of rain over 24 hour period	300.0	Moderate	Raw/unscreened	Pump station monitored. Samples taken
28/01/2011	28/01/2011	29/01/2011	Cyclon Wilma has caused wide spread flooding and a number of sewage pump stations and manholes have overflowed	Heavy rain 250mm+ between 12pm Friday to 9am Saturday	3000-5000	High	Raw/unscreened	Signage in place from last weekend. WWTP in extreme bypass mode
unknown	30/01/2011	30/01/2011	Otaika/Tarewa aerial crossing	Aerial anchor failed and line became detached. Flood conditions due to cyclone Wilma	100.0	High	Raw/unscreened	Signage out from last weekend. Temporary repair made - engineers to design permanent
unknown	7/02/2011	7/02/2011	Winger Crescent, Kamo	Lots of rocks in line, may have been aggravated by Cyclone Wilma-increased flows	50.0	Low	Raw/unscreened	Full clean up and lime applied to area, flush of line required
9/02/2011	9/02/2011	9/02/2011	Corner of Great North Road/Piawai Road	Rag blockage	<20	Low	Raw/unscreened	Creek flowing rapidly, sewer flows low. Signage put out, clean and disinfect area.
unknown	14/02/2011	14/02/2011	Hodgeson Street, Onerahi. Manhole RAUR10026SM	Blockage in manhole outlet, unknown blockage	<5	Low	Raw/unscreened	Lime applied to contaminated area
unknown	9/03/2011	9/03/2011	Corner of Raewyn Street and Morningside Road	Unknown blockage in line at downstream manhole - low flows	<2	Low	Raw/unscreened	Cleaned up area and disinfected

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24/03/2011	24/03/2011	24/03/2011	Hatea Pump Station	Power dip yesterday caused Pump 1 fault. Pump 2 overcurrent due to rag blockage	<15	Low	Raw/ unscreened	Both pumps reset and blockage removed. Signage placed at upper and lower Mair Park area
unknown	29/03/2011	29/03/2011	17 Leith Street, Morningside	Collapsed lateral on private property seeping into stormwater line.	<2	Low	Raw/ unscreened	Dry weather, Contained spill, repaired lateral and disinfected area.
unknown	7/04/2011	7/04/2011	Hamon Road pumping station	Power failure in pump station - loss of alarm and pumps	<15	Moderate	Raw/ unscreened	Dry weather - Power restored. Signs placed at public accessways
9/04/2011	9/04/2011	9/04/2011	Hatea Pump Station	Power supply issues	<100	High	Raw/ unscreened	Power restored and signs placed at access points to Mair Park
2/05/2011	2/05/2011	2/05/2011	Jordan Valley pump station	System surcharged a little due to inflow/infiltration. Heavy rain	<5	Low	Raw/ unscreened	Notified all parties including local iwi and land owners
2/05/2011	2/05/2011	2/05/2011	Hatea pump station	Heavy rain. More in this catchment compared to others.	<900	Moderate	Raw/ unscreened	Signage placed at public entrances to Mair park
2/05/2011	2/05/2011	2/05/2011	Various locations within the Whangarei Harbour catchment	Heavy rain. Inflow/infiltration, overloaded system, surcharging.	<1000	Moderate	Raw/ unscreened	Notified all parties
3/05/2011	3/05/2011	3/05/2011	Hewlett Street and Port Road	External contractor hit sewer main whilst directional drilling, resulting in rising main failure.	<2	Low	Raw/ unscreened	Main repaired and area cleaned and disinfected.
unknown	4/05/2011	4/05/2011	Kauika Road - private gully trap	Due to unknown blockag in sewer gravity main.	<10	Low	Raw/ unscreened	Vacuum loaded product from lawn and disinfected area.
28/05/2011	28/05/2011	28/05/2011	Storm Water outlet opposite 29 Hatea Drive	Surcharged when upstream manhole was cleared.	<1	Low	Raw/ screened	Low flows. Disinfected area, vacuum loaded curb and channel.

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unknown	8/06/2011	8/06/2011	1st bridge north of Waipu Cove domain	Stress fracture in ABS elbow exposed to UV	<1	Low	Raw/unscreened	Signs placed at spill point, ABS replaced with stainless steel
18/06/2011	18/06/2011	18/06/2011	Hatea pumping station	Heavy rain. Infiltration	<100	Moderate	Raw/unscreened	Level just lapping at overflow point, then rain eased off
22/06/2011	22/06/2011	23/06/2011	Heretaunga Street, Tikipunga	Unknown blockage - moderate flows, spill started at 22:30 on Wed until 02:30 on Thur.	<5	Low	Raw/unscreened	Cleaned and disinfected area, flush and CCTV line
22/07/2011	22/07/2011	22/07/2011	Hatea pumping station	Heavy rain, localised downpours throughout district	<300	Moderate	Raw/unscreened	Signs placed at upper harbour locations
unknown	29/09/2011	29/09/2011	Third Ave	Line blocked with rags and fibreglass liner	<5	Low	Raw/unscreened	Blockage removed, all parties informed
9/10/2011	9/10/2011	9/10/2011	29 Hatea Drive	Rocks in line	<2	Low	Raw/unscreened	Sign placed on Hatea river at spill location - cleaned and disinfected area
10/10/2011	10/10/2011	10/10/2011	Puna Rere Drive	Polystyrene and other 'rubbish' in line	<5	Moderate	Raw/unscreened	Cleaned and disinfected area, signs placed along drain
unknown	3/11/2011	3/11/2011	Waverley Street	Root intrusion in line causing blockage, sewer line in gully full of willows.	<80	High	Raw/unscreened	Cleared and limed area, signs placed at entry points to walkway until further instructions from District Health Board
unknown	3/11/2011	3/11/2011	Hunt Street	Root intrusion in downstream manhole	<2	Low	Raw/unscreened	Cleaned area and disinfected
unknown	8/11/2011	8/11/2011	Cove Road, Langs beach	Sewer pipe blocked with metal. Manhole buried under wall. Low flows	<10	Low	Raw/unscreened	Dug up manhole, removed metal, flushed pipe, notices placed at entrances to beach
12/12/2011	12/12/2011	12/12/2011	2001 Ngunguru Road	Failed stop float at sports complex	<2	Low	Raw/unscreened	Cleaned and disinfected area, signs placed along waterfront

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16/12/2011	16/12/2011	16/12/2011	Waipu Main Pump Station - Waipu Cove Camping ground.	ABS rising main ruptured at pump station.	<20	Low	Raw/ unscreened	Signs placed at spill site and canal, public reserve, Johnson Point Rd and Hamon Rd.
30/12/2011	30/12/2011	30/12/2011	Waipu Cove Main Pump Station at access to camp ground	Due to a gibault connection moving from a previous repair due to someone driving over area with a large caravan	<2	Low	Raw/ unscreened	Realign the join and pressure the line up again. Signs placed at reserve, pump station, Johnson Point Rd and Hamon Rd.