

## Sewage Spill Records - 2014

Date Spill Started	Date Spill Detected	Date Spill Ceased	Location	Cause	Volume (m <sup>3</sup> )	NHDB Notified of the event	Type of Sewage	Action Taken
7/01/2014	7/01/2014	7/01/2014	Waikaraka Bridge	Failed section of concrete lined steel aerial crossing due to corrosion	5.0	Yes	Raw/unscreened	All parties notified. No sinage requested by DHB at this time.
Unknown	27/02/2014	27/02/2014	40B Kauika Road	Sewer blocked with fat further down the line (gravity).	5.0	Yes	Raw/screened	Blockage identified, flushed from down stream and cleared within 20minutes of attendance.
8/04/2014	8/04/2014	8/04/2014	Langs Bridge Tidal Outlet. Langs Beach	Leak in PVC rising main	2.0	Yes	Raw/unscreened	Signs placed on beach at outlet channel.
2/05/2014	2/05/2014	2/05/2014	42 Whangarei Heads Road	Corrosion damage to air release valve on the rising main (looking when pumping).	C100L	Yes	Raw/Unscreened	DHB - NRC notified by phone.
31/05/2014	31/05/2014	31/05/2014	95 Old Onerahi Road	Root intrusion in manhole at rear of 44 Nottingham Road	5.0	Yes	Raw/unscreened	Signs placed at Nottingham Road park and Waimahanga walkway bridge.
5/06/2014	5/06/2014	5/06/2014	29 Nottingham Road	Root intrusion in manhole	100L	Yes	Raw/unscreened	Signs were already in place at Waimahanga walkway bridge following Saturdays spill.

10/06/2014	10/06/2014	11/06/2014	Onerahi Pump Station, Takahe St, Bernard St, Riverside Dr, Smeatons Dr, Morningside Rd	Heavy rain. Up to 120mm of rainfall over a 24 hour period.	300.0	Yes	Raw/storm water content	Harbour closure expected due to other sources.
10/06/2014	10/06/2014	11/06/2014	Mangawhero Stream Hikurangi	System overload due to heavy rainfall.	20.0	Yes	Raw/storm water content	No further action required as the system was overloaded.
	20/06/2014	20/06/2014	In road reserve adjacent to 24 Arcus Street onto Limeburners creek catchment	Line blocked due to damage from drill strike to sewer main both sides of road.	1.0	Yes	Raw/screened	Blockage cleared with repairs to main scheduled.
22/06/2014	22/06/2014	22/06/2014	Whangarei Falls Road Bridge. Upper Hatea River	Root intrusion in upstream manhole adjacent to row of poplar trees.	10.0	Yes	Raw/unscreened	NRC, DHB and Andrew Venmore notified.
28/06/2014	28/06/2014	28/06/2014	Corner of Tararie Street and William Jones Drive - Otangarei	Course rag blockage.	1.0	Yes	Raw/unscreened	DHB and NRC notified, channel and grass area disinfected, cess pit vacuum loaded.
7/07/2014	7/07/2014	7/07/2014	Matuku Street, Reotahi, Whangarei Heads	Partial blockage to outlet of satalite manhole - big lump of fat.	1.0	Yes	Raw/unscreened	All parties notified. Line to be heavily cleaned.
9/07/2014	9/07/2014	13/07/2014	Various Locations, Upper Harbour and Onerahi.	Significant rain event - 2000m3 ADWE	C2000m3 ADWE	Yes	Raw/Storm water Content	Harbour closure activated by DHB.
17/07/2014	17/07/2014	17/07/2014	Ritchie Road Pump Station, Parua Bay	Telemetry issue - failed PCI Card - Card Replaced	C 5m3	Yes	Raw/Unscreened	All parties were notified
Unknown	17/07/2014	17/07/2014	Firth Concrete Yard, Rewa Rewa Road	600mm reinforced concrete crossing undermined and failed falling into creek	1,000.0	Yes	Raw/unscreened	Signs placed at Port Road Boat Ramp, Kissing Point Boat Ramp and Kaiwaka Point.

20/07/2014	20/07/2014	20/07/2014	Various Locations in Whangarei City, Denby Crescent, Heretaunga Street and Takahe Street	Up to 100mm rainfall Saturday night/Sunday morning. ADWE - Concentrated sewage equivalent during normal flows. Also Third Ave, Anzac Rd and Bernard St.	500.0 ADWE	Yes	Raw/storm water content	All parties notified 10:40 20/7/14
Unknown	8/08/2014	8/08/2014	2B Dundas Road	Blockage 5-10m downstream of manhole	0.5	Yes	Raw/unscreened	Flushed line, sucked cesspit and washed down road. All parties notified.
17/08/2014	17/08/2014	17/08/2014	Corner of Abbots Way and SH1 Otaika	Debris in manhole outlet, gravel and other items including a cell phone.	1.0	Yes	Raw/unscreened	All parties notified.
31/08/2014	31/08/2014	1/08/2014	Various Locations including; Denby Crescent, Heretaunga Street and Takahe Street	Consistent rainfall on top of damp soil conditions resulting in capacity issues.	500.0	Yes	Raw/storm water content	NRC and DHB notified, no requests made by either party.
25/09/2014	25/09/2014	25/09/2014	23 Cheviot Street, Maunu	Fatty solids blockage in dip in line	1.0	Yes	Raw/unscreened	All parties notified, no further actions requested from other parties
2/10/2014	2/10/2014	2/10/2014	21C Cheviot Street	Possible root intrusion with CCTV scheduled	1.0	Yes	Raw/unscreened	All parties notified, solids scraped up, disinfectant applied to spill area
2/10/2014	2/10/2014	2/10/2014	95 Old Onerahi Road	Blockage unknown but may have been a dead cat across the upstream manhole outlet as cat floated down once the blockage cleared enough to hose out to reach upstream manhole.	30.0	Yes	Raw/unscreened	Spill signs placed at entrances to Waimahanga walkway and Pah Road boat ramp. Warning against swimming for 5 days and shellfish gathering for 28 days
Unknown	15/10/2014	17/10/2014	Charles Street, Kamo	Sewer failure, resulting in surcharging sewage through the ground to the surface.	50.0	Yes	Raw/screened	Flow already stopped, vaccum truck onsite and washed down area, currently hydro excavating down to fix problem.

Unknown	8/11/2014	8/11/2014	Nova Scotia Drive Waipu	Rising main failure, 200mm asbestos cement line ruptured blasting 2m <sup>3</sup> of sand stone and an estimated 50m <sup>3</sup> of sewage into flat paddock where it was mostly contained.	50m <sup>3</sup>	Yes	Raw/Unscreened	Spill signs placed at Waipu Boat Club, Hamon Road and Johnsons Point Road for 20 days, arning against swimming for 5 days and shellfish gathering for 28 days.
17/11/2014	17/11/2014	17/11/2014	Adjacent to 2 First Avenue into stormwater system	Debris blockage in main sewer line	1.0	Yes	Raw/unscreened	Notified DHB and NRC. No further action required.
Unknown	26/11/2014	26/11/2014	McLeods Bay No.2 Sewage Pumping Station (Opp. 1963 Whg Heads Rd)	Suspected electrical storm on Monday 17th November caused a power dip causing main breaker to trip. Station continued on battery until telemetry drained the battery back up before the level got high enough to generate an alarm.	30.0	Yes	Raw/settled	Discharge stopped, no evidence of residue.
Unknown	27/11/2014	27/11/2014	256 Kamo Road	Sewer Blockage	-	No	Raw/unscreened	Sewage not believed to have reached open chanel, all cesspits on stormwater system sucked out and flushed with clean water
Unknown	3/12/2014	3/12/2014	Hatea Pump Station	Sewer blockage. Hateas wet well was isolated from the gravity main for its annual clean on the 27th November 2014. The valve was only partially opened and is believed to have become blocked with sewage detritus, causing the surcharge.	50.0	No	Raw/Screened	Public notices in place at Whareora Road/hatea Crossing, Mair park and Mair Park bridge. Hand wheel on valve directional arrows corrected. Investigation for the feaseibility and funding sources looked into to replace the manual valve with an automatic valve.
11/12/2014	11/12/2014	12/12/2014	5 Dundas Road, Ruakaka	Drill strike to sewer lateral filled man with debris causing partial blockage	2.0	Yes	Raw/screened	All parties notified, on call HPO has not called back

17/12/2014	17/12/2014	17/12/2014	Various Locations around Whangarei city including Hernard St, Denby Cres, Heretaunga St	Capacity issues due to extreme weather.	500m3	Yes	Raw/Stormwater Content	All parties notified.