

## Sewage Spill Records - 2013

Date Spill Started	Date Spill Detected	Date Spill Ceased	Location	Cause	Volume (m <sup>3</sup> )	Public Health Risk as assessed by NDHB	Type of Sewage	Action Taken
	20/02/2013	20/02/2013	41 First Avenue	Fatty solids blockage in line	<2	Low	Raw/unscreened	Signs placed at Kissing Point, Kioreroa, Limeburners Bridge and Kaiwaka Point.
20/03/2013	20/03/2013	20/03/2013	71 Smeatons Drive	Rag blockage in downstream line	<2	Low	Raw/unscreened	Area was cleaned up and disinfected.
24/03/2013	24/03/2013	24/03/2013	142 Kamo Road	Solid blockage in channel appeared to be asphalt	3.0	Low	Raw/unscreened	Manhole & pipe behind manhole was flushed to remove blockage. Area was washed down & disinfected.
27/03/2013	27/03/2013	27/03/2013	21 Huia Street	50mm rising main fractured	1.5	Low	Raw/unscreened	Pump Station shut down, area cleaned and disinfected and pipe repaired.
12/04/2013	12/04/2013	12/04/2013	3 Dundas Road	Fatty solids blockage in downstream line	<0.1	Low	Raw/unscreened	Cleaned and disinfected the spill area. DHB and NRC notified immediately.
15/04/2013	15/04/2013	15/04/2013	Rewa Rewa Road	Fatty solids accumulation	<2	Low	Raw/unscreened	Cleaned and disinfected the spill area.
24/04/2013	24/04/2013	24/04/2013	Dyer Street	Unknown blockage in downstream line.	<2	Low	Raw/unscreened	Cleaned and disinfected the spill area.
26/04/2013	26/04/2013	26/04/2013	Behind Otaika Shops	Unknown blockage in downstream line.	<100	Low	Raw/unscreened	Area was waterblasted clean and disinfected.
29/04/2013	29/04/2013	29/04/2013	114 Maunu Road	Debris blockage in downstream line.	<10	Low	Raw/unscreened	Site cleaned up and disinfected all parties notified.
	30/04/2013	30/04/2013	95 Ridgeway Drive	Rag blockage	<20	Low	Raw/unscreened	All parties notified, solids removed from spill site.

	22/05/2013	22/05/2013	Between Hikurangi township and SH1	Fatty solids blockage under SH1 in downstream line.	<20	Low	Raw/unscreened	Vacuum loaded 10m <sup>3</sup> from drain.
13/06/2013	13/06/2013	13/06/2013	Third Ave, Bowling Club	Fatty solids blockage in downstream line. Possible root intrusion	<10	Low	Raw/unscreened	Heavy cleared line. All parties notified.
	24/06/2013	24/06/2013	Kamo Road	Tree root intrusion in manhole	< 100 litres	Low	Raw/unscreened	Blockage cleared, area disinfected.
26/06/2013	26/06/2013	26/06/2013	Garden Court	Fatty solids blockage in downstream line	<20	Low	Raw/unscreened	NRC & DHB notified. Blockage cleared, hydrated lime applied to spill area
16/07/2013	16/07/2013	16/07/2013	11 Warwick Place, Raumanga	Suspected tree root intrusion in downstream line	<10	Low	Raw/unscreened	NRC & DHB notified. Blockage cleared, hydrated lime applied to spill area. Warning sign erected at The Pulse
28/07/2013	28/07/2013	28/07/2013	Valley Road, Hikurangi (Mangawhero Stream)	Root intrusion	<10	Low	Raw/unscreened	Blockage cleared, immediate area disinfected.
8/02/2013	8/02/2013	8/02/2013	Takahe Street, Tikipunga (outlet to open drain off Beazley Park)	Overflow spill caused by localised stormwater runoff during heavy rain	<10	Low	Raw/stormwater content	NRC & NHB notified
8/12/2013	8/12/2013	8/12/2013	Waipu Cove (400m north of camp ground)	PVC pipe joint failed - spill from manhole	<5	Low	Raw/unscreened	NRC & NHB notified. Temporary repair to the pipe made. Permanent repair to be completed shortly.
15/08/2013	15/08/2013	15/08/2013	43 Waverly Street, Onerahi	PVC rising main failed	69	Low	Raw/unscreened	NRC & NHB notified. Area cleaned and disinfected, warning signs placed at Pah Road boatramp and Waimahanga walkway

?	24/08/2013	24/08/2013	Awa Glade Lane, Tikipunga,	Overflow from manhole to stream caused by root intrusion or displaced pipe	<3	Low	Raw/unscreened	NRC & NHB notified. Area cleaned and disinfected, CCTV organised for 26 August. Remedial work to be undertaken when cause of spill known.
27/08/2013	27/08/2013	27/08/2013	4 Dyer Street, Whangarei	Overflow from manhole caused by pipe blockage.	<1	Low	Raw/unscreened	Area cleaned and disinfected. Cesspit sucked and cleaned.
9/08/2013	9/08/2013	9/08/2013	Nova Scotia Drive, Waipu	Rising main failure	<5	Low	Raw/unscreened	NRC & NHB notified. Signs placed at boat club Nova Scotia Drive, Hamon Road & Johnson Point Road.
22/9/2013	22/9/2013	22/9/2013	211 Kamo Road, Whangarei	Spill to cess pit. (Stormwater discharge to Waiarohia Stream)	<100 litres	Low	Raw/unscreened	NRC & NHB notified. Area cleaned & disinfected
?	23/9/2013	23/9/2013	Te Rauponga Drive, Kamo	Overflow from manhole caused by debris blocking downstream line - wood, towels, fat	<50	Low	Raw/unscreened	NRC & NHB notified. Heavy clean of lines further downstream, more towels removed. Sign erected at Mair Park.
?	23/9/2013	23/9/2013	Limestone garden - Waro, Hikurangi (in paddock)	Rising main failure	<5	Low	Raw/unscreened	NRC & NHB notified. Failed pipe section replaced
16/10/2013	16/10/2013	16/10/2013	83 Highfield Way, Maunu	Fatty solids blockage in downstream line	<1	Low	Raw/unscreened	NRC & NHB notified. Area cleaned and disinfected, heavy clean and CCTV organised
12/01/2013	12/01/2013	12/01/2013	63 Tarewa Road, Whangarei	Heavy gravel and pipe fragments blocking line	<1	Low	Raw/unscreened	NRC & NHB notified. CCTV of line to be done to determine cause.
	12/10/2013	12/10/2013	1 Lamb Road, Parua Bay	Faulty float at Ritchie Road pump station	<10	Low	Raw/unscreened	NRC & NHB notified. Float replaced immediately

30/12/2013	30/12/2013	30/12/2012	Langs Bridge	100mm long split in PVC rising main	5.0	Low	Raw/unscreened	Signs placed around creek on foreshore 50m either way only, inspected by DHB on site
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