

## Sewage Spill Records - 2019

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
Unknown	7/01/2019	7/01/2019	14 Vale Road, Whangarei	Gravel blockage in manhole outlet and downstream line	<1m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, blockage cleared and area disinfected NRC and DHB
7/01/2019	7/01/2019	7/01/2019	SH1 at rear of 55 Smeaton's Drive, Whangarei	Blockage in SH1 crossing of what appeared to be a spray paint can and rags	<10m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, gross solids cleared away and spill site disinfected, lime applied to open drain, CCTV of line scheduled
Unknown	9/01/2019	10/01/2019	28 Cockburn Street, Onerahi, Whangarei	Suspect line fracture over storm water culvert crossing, seeping only	<5m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, line CCTV'd and partially excavated yesterday, line being repaired on 10/01/2019, signs placed at Pah Road boat ram and on two river crossings on Waimahanga walkway
11/01/2019	11/01/2019	11/01/2019	9 Hilltop Ave, Whangarei	Partial root blockage in manhole outlet	<100L	Yes	Raw/unscreened	NRC and DHB notified, roots removed, downstream line flushed, area cleaned and disinfected.
22/01/2019	22/01/2019	22/01/2019	1124 Cover Road Lang's Beach	Drill strike to potable water service line, potable water main and wastewater rising main	<100L	Yes	Raw/unscreened	NRC and DHB notified, site disinfected.
3/02/2019	3/02/2019	3/02/2019	2 First Ave Whangarei	Blockage in downstream line consisting of fat and wipes. Also Tree root intrusion in manhole outlet	<1m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, disinfectant applied to spill area

12/02/2019	12/02/2019	12/02/2019	Corner of Kioreroa and Port Road	Hole in mild steel elbow on pump discharge connection in dry well, given angle of water jet sewage was leaking from around cover onto surrounding ground	<1m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, pump station isolated immediately, pooling sewage vacuum loaded, area disinfected
Unknown	19/02/2019	19/02/2019	In gully up from the end of Waverly Street Onerahi	Heavy rag and root blockage in downstream end of aerial crossing, suspect displaced pipe CCTV required to confirm	<50m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, spill signs placed at entrance to Waimahanga walkway off Waverly Street and first bridge along Waimahanga walkway on western end.
5/03/2019	5/03/2019	5/03/2019	11 Heretaunga Street Tikipunga	Blockage in downstream line consisting of fat and wipes, possible displacement in line.	<1m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, spill site cleaned and disinfected, line heavy cleaned several times CCTV scheduled, fence rails above manhole removed for future access
16/03/2019	16/03/2019	16/03/2019	6 Heretaunga Street Tikipunga	Gravel blockage in downstream lines, gravel may be from failed pipe outside No 5. This is scheduled to be repaired, pending approval of corridor access and traffic management plan	<1m <sup>3</sup>	Yes	Raw/unscreened	All lines flushed again, NRC and DHB notified, repair on upstream line to be completed early next week under emergency traffic management plan
2/04/2019	2/04/2019	2/04/2019	Opposite 44 Whangarei Heads Road	Slightly elevated flows due to rainfall prior, downstream manhole not able to be located so flushed from upstream mainhole with traffic management. Blockages in aerial crossing location	<1m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, approval given to heavy clean and CCTV line, spill site cleaned and disinfected.
23/05/2019	23/05/2019	23/05/2019	19 Cheviot Street Maunu	Fatty Solids blockage in downstream aerial crossing	2m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, Line cleared, spill at 21 Cheviot cleaned and disinfected, heavy clean of crossing approved
Unknown	9/07/2019	11/07/2019	Corner of Clyde and Albert Streets Whangarei	Pinhole in rising due to rock between power pole and main wearing at main overtime	<1m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, line repaired yesterday which involved a power shut across several streets, all contaminated spoils removed from site
Unknown	22/07/2019	23/07/2019	26 Riverview Place Waipu	PE backing ring bolts failed, gasket burst out and minor leak in fusion coupler. Solids contained in grass, no evidence of contamination on foreshore but seepage rock protection barrier expected	<2m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, spill signs erected at Johnsons Point and Hamon Roads
Unknown	27/09/2019	27/09/2019	3F Te Mai Road	Blockage in Maunu Road main with heavy gravel and rocks removed from three lines	<2m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, line heavy cleaned and CCTV'd, gravel and rocks vacuum loaded

Unknown	10/10/2019	10/10/2019	65 Raurimu Avenue, Onerahi	Benching failure in manhole caused restriction to outlet with rags accumulating over time partially blocking the outlet. The manhole was surcharging a few litres at the end of each pump cycle, this manhole receives pumped flows only from Pah SPS.	<1m3	Yes	Raw/unscreened	NRC and DHB notified, restriction cleared, area cleaned and disinfected.
14/10/2019	14/10/2019	14/10/2019	8 West End Avenue, Hora Hora, Whangarei	Blockage in downstream line unknown in nature but suspect tree root intrusion. Slightly elevated flows, most of spill contained in subfloor area, private plumbing issues raised with property owner in 2018 don't appear to have been resolved, raised again.	<1m3	Yes	Raw/unscreened	NRC and DHB notified, gross solids cleaned up from lawn, lots of rainfall to flush away contamination.
Unknown	18/10/2019	18/10/2019	End of Amy Kate Street Tikipunga	Unidentified substantial blockage in downstream line just downstream of surcharging manhole. Normal flows, very little contamination reached the water way fortunately.	<10m3	Yes	Raw/unscreened	NCR and DHB notified, line to be CCTV'd, pond around manhole vacuumed out.
14/12/2019	14/12/2019	14/12/2019	Corner of AwateaStreet and Clark McConachy Place Raumanga	Tree roots inmanhole outlet with rags accumulating on tree roots. Low flows, dry storm water system, solids contained in long grass.	<1m3	Yes	Raw/unscreened	NRC and DHB notified, line flushed and tree roots removed.
16/12/2019	16/12/2019	16/12/2019	81 Smeaton's Drive Raumanga	Suspected tree root blockage in downstream manhole. Low flows, wipes came back on flushing head, downstream manhole not accessible due to 500mm soil over top.	<2m3	Yes	Raw/unscreened	NRC and DHB notified, line cleared, spill cleaned up and disinfected.