

## Sewage Spill Records - 2018

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	Unknown	27/01/2018	3 The Braigh, Waipu	Blockage in downstream line with evidence of fat, wipes and roots.	3.0	Yes	Raw/unscreened	NRC and DHB notified, signs placed at Hamon and Johnsons Points Roads
04/02/2018	4/02/2018	4/02/2018	Riverside Drive adjacent to Vale Road	Partial rag blockage in downstream line coupled with elevated flows following heavy rain in the morning resulted in brief surcharges from the manhole cover when the upstream pump cycled	<100litres	Yes	Raw/unscreened	Both NRC and DHB notified along with WDC staff, line flushed, no contamination visible on road
5/02/2018	5/02/2018	5/02/2018	4 Paranui Crescent Tikipunga Whangarei	Heavy root intrusion in manhole partially blocking outlet coupled with elevated flows	50.0	Yes	Raw/unscreened	Roots cleared, pond pumped back to sewer, NRC and DHB notified, too return to remove remainder of roots, seal manhole and remove willow tree

10/02/2018	10/02/2018	10/02/2018	Various locations around harbour catchment both identified and possibly not identified	Sewer networks over capacity surcharging at several known locations in the harbour catchment and possibly other locations that we were not aware of due to persistent heavy rain	<10m <sup>3</sup> DWE	Yes	Raw/storm water content	NRC and DHB notified at 12:15, cones and barriers installed at Heretaunga and Takahe Street isolating contamination from public
13/02/2018	13/02/2018	13/02/2018	Various locations around harbour catchment both identified and possibly not identified	Sewer networks over capacity surcharging at several known locations in the harbour catchment and possibly other locations that we were not aware of due to persistent heavy rain	<10m <sup>3</sup> DWE	Yes	Raw/storm water content	NRC and DHB notified at 10:50, cones and barriers installed at Heretaunga and Takahe Street isolating contamination from public
22/02/2018	22/02/2018	22/02/2018	8 West End Avenue, Horahora, Whangarei	Unknown blockage in downstream manhole drop line	2.0	Yes	Raw/unscreened	NRC and DHB notified. Area cleaned and disinfected.
24/03/2018	24/03/2018	24/03/2018	Langs Beach bridge by Wairahi Road	Split in the PVC rising main	2.0	Yes	Raw/unscreened	NRC and DHB notified, 2 spill signs placed either side of the stream outlet on beach
Unknown	16/04/2018	16/04/2018	Below 31 Briden Drive, Tikipunga	Fatty solids blockage in downstream line, surcharging manhole not able to be located due to location in dense gorse and pampas	2.0	Yes	Raw/unscreened	Line cleared, NRC and DHB notified, no disinfection or clean up required due to site being very difficult to access

11/05/2018	11/05/2018	11/05/2018	50 Hilltop Avenue, Whangarei	Rag blockage in downstream manhole dropper also two other restrictions in downstream lines	1.0	Yes	Raw/unscreened	NRC and DHB notified, road and channel washed and disinfected, cess pits cleared, lines flushed, buried manhole to be raised, all manholes in vicinity inspected
15/05/2018	15/05/2018	15/05/2018	32 Port Road, Whangarei	Heavy fat and rag blockage of upstream line(s)	<50L	Yes	Raw/unscreened	NRC and DHB notified, area cleaned and disinfected
29/05/2018	29/05/2018	29/05/2018	54 Hilltop Avenue, Whangarei	Large chunk of aggregate in line and roots down manhole outlet	2.0	Yes	Raw/unscreened	NRC and DHB notified shortly after 10:00am, area hosed down and disinfected, cess pits vacuum loaded, CCTV of line scheduled
3/06/2018	3/06/2018	3/06/2015	28 Waimahanga Road, Onerahi, Whangarei	Blockage in downstream line consisting mostly of baby wipes and fat. Elevated flows combined with blockage has cause capacity issues with up to 2m <sup>3</sup> surcharging from manhole.	2.0	Yes	Raw/unscreened	Line cleared, NRC and DHB notified.
19/06/2018	19/06/2018	19/06/2018	Woods Road Bridge, Whangarei	Failed join in concrete lined steel rising main on gravity side of bridge crossing	<1	Yes	Raw/unscreened	NRC and DHB notified

20/06/2018	21/06/2018	22/06/2018	Various Locations including Bernard, Takahe and Heretaunga Streets, Morningside and Woods Roads and Parua Bay SPS	Consistent heavy rainfall associated inflow and infiltration caused capacity issues in many sewer reticulation catchments throughout the district resulting in several sustained surcharges	<50	Yes	Raw/storm water content	DHB and NRC notified, Takahe Street chamber isolated from pedestrians
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30/06/2018	30/06/2018	30/06/2018	3 Willow Place, Maunu, Whangarei	Blockage in downstream side of aerial crossing consisting of fat and rags, spilled to densely vegetated area on creek bank with no evidence of contamination in creek	<1	Yes	Raw/unscreened	NRC and DHB notified, disinfectant applied to spill area
4/07/2018	4/07/2018	4/07/2018	33 Stuart Road, Whangarei Heads	Fatty solids blockage in downstream line, also tree roots in surcharging manhole	<1m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, line cleared with several passes, tree roots cleared from manhole
15/07/2018	15/07/2018	15/07/2018	Kiteone sewer pump station - Kiteone Road, Parua Bay	Persistent heavy rain and associated inflow and infiltration caused over capacity over flow at pump station with pumps unable to cope	<5m <sup>3</sup> DWE	Yes	Raw/storm water content	NRC, DHB and oyster farm notified
19/07/2018	19/07/2018	19/07/2018	Tidal outlet at corner of Wairahi and Cover Roads, Lang's Beach, Waipu	Lateral support of rising main removed during rising main replacement project allowing line to move and pop out of gibault join	<500L	Yes	Raw/unscreened	NRC and DHB notified, line repaired and back filled, signs placed around tidal channel on beach warning against swimming for 5 days and shellfish gathering for 28 days

3/08/2018	3/08/2018	3/08/2018	Opposite No. 90 Ritchie Road, Parua Bay	Pump 1 and 2 faulted and telemetry RTU was frozen so no high-level alarm received via pager or audible alarm activated or upstream station pump stopped	<5.0	Yes	Raw/unscreened	NRC, DHB and Oyster Farm notified, spill signs erected, pumps lifted and checked, telemetry checked, water quality samples collected
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Unknown	16/08/2018	16/08/2018	On Riverside Drive opposite Memorial Drive	Hole developed in reflux valve coupled with blocked dry well to wet well drain line	<100L	Yes	Raw/unscreened	NRC and DHB notified, area cleaned and disinfected, leaking valve removed and line capped, replacement isolation and reflux valves ordered, to be replaced as soon as possible
12/09/2018	12/09/2018	12/09/2018	42 Rewa Rewa Road	Blockage in downstream line made up predominantly of baby wipes	<3.0	Yes	Raw/unscreened	NRC and DHB notified, immediate area cleaned up, line to have a CCTV survey done.
13/10/2018	13/10/2018	13/10/2018	56 Balmoral Road, Tikipunga	Car crashed over bank onto sewer aerial crossing bending it and cracking a weld allowing sewage to discharge to the creek	1.0	Yes	Raw/unscreened	NRC and DHB notified, car towed off, temporary repair completed with denso tape
17/10/2018	17/10/2018	17/10/2018	Adjacent to BP service station Riverside Drive, Whangarei	Pump control issue on as well as only one pump in service while sewer line was being replaced. Audible alarm did not alarm although verified to be working one week prior.	2.0	Yes	Raw/unscreened	NRC and DHB notified, spill area cleaned and disinfected. Alarm issue resolved and pump control issues resolved.

