

## 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
4/02/2018	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	<50m <sup>3</sup>	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

