

## Sewage Spill Records - 2017

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	9/01/2017	9/01/2017	Under Bridge at Maunu Road end of Porowini Avenue	Crack in sewer aerial crossing concrete section where it passes through bridge abutment	<2m3	Yes	Raw/unscreened	DHB and NRC notified, failed section of line to be replaced as soon as possible
Unknown	21/01/2017	21/01/2017	3 Valley Road, Hikurangi, Behind Police Station	Unidentified blockage in downstream line	<1m3	Yes	Raw/unscreened	DHB and NRC notified, no signage required
5/02/2017	5/02/2017	5/02/2017	Solomons Point, Whangarei Heads Road	Power cut causing station to lose comms	<1m3	Yes	Raw/unscreened	DHB, NRC and Parua Bay oyster farmer notified. No clean up required.
7/02/2017	7/02/2017	7/02/2017	Tamaterau Pump Station, Whangarei Heads Road	Attwood station had tripped out up stream and telemetry was down causing no alarm to be sent out	200L	Yes	Raw/unscreened	DHB and NRC notified, Parua Bay oyster farmer shut down for the season. Area was hosed down and solids removed with sucker truck.
3/03/2017	3/03/2017	3/03/2017	10 Appleton Place, Raumanga, Whangarei	Fatty solids blockage in downstream line	500L	Yes	Raw/unscreened	DHB and NRC notified, no further action requested
Unknown	12/03/2017	Unknown	21-23 Takahe Street, Tikipunga, Whangarei	Brief period of over capacity through the line due to wet weather	100L	Yes	Raw/unscreened	NRC notified NHB and WDC
14/03/2017	14/03/2017	14/03/2017	Tamaterau sewer pump station by Tamaterau Hall	Failure of telemetry PLC caused automation lock out and loss of high level alarm, power supply was still working	<2m3	Yes	Raw/unscreened	DHB and NRC notified, 2 signs placed on foreshore warning against swimming for 5 days and shellfish gathering for 28 day. Parua Bay oyster farm notified but they are not harvesting till May

5/04/2017	5/04/2017	5/04/2017	21 Takahe Street, Tikipunga, Whangarei	Heavy Rain	<1m <sup>3</sup> dry weather equivalent	Yes	Raw/unscreened	DHB and NRC notified, no further action requested
5/04/2017	5/04/2017	6/04/2017	Parua Bay SPS, Cnr Ritchie and Whangarei Heads Roads	Significant Rainfall in Whangarei Heads catchment caused over capacity issue in system back to Whangarei, 1000m <sup>3</sup> storage utilised at Parua Bay SPS and other	<5m <sup>3</sup> dry weather equivalent	Yes	Raw/Storm water content	DHB and NRC notified, no further action requested.
10/04/2017	10/04/2017	10/04/2017	Hewlett Street Pump Station #15	Contractor drilling line for fiber optic cable hit a rising main and effluent entered the ditch.	<1m <sup>3</sup>	Yes	Raw/unscreened	DHB and NRC notified, Hydrotech sucked out the ditch and disinfected
13/04/2017	13/04/2017	15/04/2017	Heretaunga Street, Tikipunga	Discharge very clean indicating heavy dilution factor, area barricaded cleaned and disinfected.	50 litres very dilute sewage	Yes	Raw/unscreened	DHB and NRC notified.
13/04/2017	13/04/2017	15/04/2017	21 Takahe Street, Tikipunga, Whangarei	Heavy Rain.	1m <sup>3</sup> dry weather equivalent	Yes	Raw/unscreened	DHB and NRC notified.
13/04/2017	13/04/2017	13/04/2017	Parua Bay Pump Station #51	Network over capacity issue due to high flows.	<1m <sup>3</sup>	Yes	Raw/unscreened	DHB and NRC notified, Hydrotech had truck onsite to remove access flow.
Unknown	15/04/2017	15/04/2017	215 Waipu Cove Road, Langs Beach	Old rising main let go.	<2m <sup>3</sup>	Yes	Raw/unscreened	DHB and NRC notified, Hydrotech truck onsite to remove excess flow and disinfect the area.
2/05/2017	2/05/2017	2/05/2017	972 Whangarei Heads Road	Rag solids blockage in line between satellite manhole and Cruising Club SPS wet well	<1m <sup>3</sup>	Yes	Raw/unscreened	NRC and DHB notified, Barry Jessop Parua Bay oyster farmer notified – not harvesting until late May, NRC to complete off shore sampling as per consent, sign placed at spill location

Unknown	9/05/2017	9/05/2017	Avon Street Park in storm water outlet	Private sewer lateral incorrectly connected to storm water main 6B Avon Street	<1m3	Yes	Raw/unscreened	NRC and DHB notified, no further action requested. Handed over to WDC compliance.
Unknown	22/05/2017	22/05/2017	Opposite 1899 Whangarei Heads Road McLeods Bay Whangarei Heads	Leaking electrofusion coupler on 280mm PE rising main	<1m3	Yes	Raw/unscreened	NRC and DHB notified, spill sign erected on foreshore warning against swimming 5 days and shellfish gathering for 28 days, line isolated and materials ordered for repairs.
3/06/2017	3/06/2017	3/06/2017	14 Silverstream Road Maunu Whangarei	50mm PVC pipe wedged against joint in 150mm sewer main partially blocking main, with heavy storm water I&I main could not cope surcharging from gulley dishes at 14 and 12	<2m3	Yes	Raw/storm water content	Hydrotech to return to clean and disinfect both properties, called to other issues following clearance of line, DHB and NRC notified.
3/06/2017	3/06/2017	3/06/2017	16 Heretaunga Street Tikipunga Whangarei	Over capacity due to heavy rain, cones placed around manhole cover	<5m3 dry weather equivalent	Yes	Raw/storm water content	NRC and DHB notified
6/06/2017	6/06/2017	6/06/2017	End of First Avenue next to WDC fernery	Fatty solids blockage in downstream line	<3m	Yes	Raw/unscreened	NRC and DHB notified, solids cleared up and area disinfected.
22/06/2017	22/06/2017	22/06/2017	16 Heretaunga Street and 21 Takahe Street Street Tikipunga	Heavy rain inflow and infiltration caused capacity issue in system across these two sites	<5m3 dry weather equivalent	Yes	Raw/Storm water content	NRC and DHB notified, sites barricaded, Hydrotech to clear up any solids and disinfect.
2/07/2017	3/07/2017	3/07/2017	13 Paranui Valley Road	Spill caused by root build up in manhole dropper causing line to back up and the manhole lid to Seep.	<1m3	Yes	Raw/unscreened	Hydrotech cleared the blockage and cleaned and disinfected the area.
25/07/2017	25/07/2017	25/07/2017	12 First avenue Whangarei	Fatty solids blockage in downstream line.	<1m3	Yes	Raw/unscreened	NRC and DHB notified, area cleaned and disinfected, cess pit vacuum loaded.

4/08/2017	4/08/2017	4/08/2017	43 Ngunguru Road Tikipunga	Rag solids blockage in downstream line.	<1m3	Yes	Raw/unscreened	NRC and DHB notified, area cleaned and disinfected.
Unknown	21/08/2017	21/08/2017	36 Eureka Place, Parihaka	Heavy root intrusion around outlet to the downstream manhole and displacement in pipe just down from downstream manhole	<10m3	Yes	Raw/unscreened	DHB and NRC notified, no further action requested. Hydrated lime applied to spill area, contamination cleared from lawn of 47 Tanekaha Drive due to surcharge when line was cleared.
Unknown	9/09/2017	9/09/2017	Open drain along SH1 below 55 Smeatons Drive Raumunga	Fatty solids block in downstream line.	<5m3	Yes	Raw/unscreened	DHB and NRC notified, solids cleared away where possible, hydrated lime applied.
10/09/2017	10/09/2017	10/09/2017	Corner of SH1 and Rewarewa Road Otaika	Fatty solids blockage in external manhole dropper, fat flushed from line previous day may have contributed.	<2m3	Yes	Raw/storm water content	DHB and NRC notified, solids cleared away from spill site, Hydrated lime applied to spill area
Unknown	9/11/17	9/11/2017	2 Valley Road Hikurangi	Partial fatty solids blockage in two downstream lines.	<5m	Yes	Raw/Unscreened	Solids cleared away, area disinfected, NRC and DHB notified.
Unknown	12/11/2017	12/11/2017	1 Raumunga Heights Drive Whangarei	Failure of sewer crossing through storm water line due to corrosion of concrete lined steel pipe.	<50m3	Yes	Raw/unscreened	NRC and DHB notified, on call HPO attended site, temporary repair completed. Due to access issues and vast area of stream, contaminated clean up not practical.
19/11/2017	19/11/2017	19/11/2017	26 Riverview Place Waipu	Bolts failed on main isolation valve allowing gasket to fail in one section of valve cap.	<3m3	Yes	Raw/unscreened	NRC and DHB notified, bolts replaced on valve cap with section of gasket added as temporary measure.
20/11/2017	20/11/2017	20/11/2017	Whangarei Boys High School Kent Road	Fatty solids blockage in sewer main where it crosses the creek.	<1m3	Yes	Raw/unscreened	NRC and DHB notified, upper harbour permanent spill signs in place, main cleared, area cleaned and disinfectant applied.