

Microbial Source Tracking Results

NA: sample was not analysed for this determinant.

ND: Sample was analysed, but the determinant was not detected.

Results in bold indicate a strong positive marker

Site Number	Site Name	Date	Conclusion
104677	Ahuroa River (Waipu) at Shoemaker Road	12/09/2011	Ruminant
304579	Aurere at D/S Blacks Quarry	10/07/2014	Ruminant
304587	Aurere at Pekerau Road	17/03/2014	Ruminant, Wildfowl
304587	Aurere at Pekerau Road	10/07/2014	Ruminant
100363	Awanui at FNDC	16/04/2014	Ruminant, Wildfowl, Plant
100363	Awanui at FNDC	18/06/2014	Ruminant
100363	Awanui at FNDC	19/11/2014	Ruminant
100363	Awanui at FNDC	19/08/2015	Ruminant
101870	Coopers Beach Stream	5/03/2010	Wildfowl
101870	Coopers Beach Stream	5/03/2010	Wildfowl
101870	Coopers Beach Stream	14/10/2010	Ruminant
109984	Hatea Trib (Palms Retirement)	7/11/2011	Wildfowl, not ducks
109983	Hatea u/s Tiki Sports Park	13/09/2011	Ruminant
100222	Hatea River at Town Basin Bridge	8/12/2017	Possible Ruminant
102674	Kaeo River at Dip Road	16/02/2011	Ruminant
102674	Kaeo River at Dip Road	12/10/2011	Ruminant
102674	Kaeo River at Dip Road	15/02/2012	Ruminant
102674	Kaeo River at Dip Road	14/03/2012	Ruminant
102221	Kaihu at Campground	9/02/2011	Ruminant
109665	Kaipara Harbour at Wahiwaka Creek	4/10/2017	ND
102838	Kapiro Purerua Road	14/02/2011	Wildfowl (duck)
306635	Kenana at Kenana Road	12/08/2014	Ruminant
306635	Kenana at Kenana Road	12/02/2015	Ruminant, wildfowl, plant
306635	Kenana at Kenana Road	8/12/2015	Ruminant (up to 100%)
306635	Kenana at Kenana Road	12/04/2016	Wildfowl, Ruminant (10-50%)
306635	Kenana at Kenana Road	9/08/2016	Possible Ruminant and Wildfowl
306635	Kenana at Kenana Road	8/11/2016	Ruminant, wildfowl, plant
306635	Kenana at Kenana Road	11/01/2017	Ruminant, possible wildfowl
306635	Kenana at Kenana Road	14/03/2017	Low level ruminant
306635	Kenana at Kenana Road	14/02/2017	Ruminant, wildfowl
101530	Kerikeri River Stone Store	12/12/2011	Ruminant
101530	Kerikeri River Stone Store	9/01/2012	Ruminant
101530	Kerikeri River Stone Store	18/12/2012	Wildfowl (duck)
101530	Kerikeri River Stone Store	27/12/2012	Ruminant (sheep)
101530	Kerikeri River Stone Store	14/01/2013	Wildfowl, not ducks
101530	Kerikeri River Stone Store	4/02/2013	Wildfowl
101530	Kerikeri River Stone Store	11/02/2013	Not ID
308794	Kerikeri River Rainbow Falls	22/02/2016	Ruminant
308794	Kerikeri River Rainbow Falls	23/01/2017	Ruminant, possible wildfowl
104539	Langs Beach Stream (midway)	12/02/2010	Wildfowl
104539	Langs Beach Stream (midway)	5/03/2010	ND
104539	Langs Beach Stream (midway)	9/03/2010	Wildfowl
100686	Langs Beach Stream Toilets	12/02/2010	Wildfowl
100686	Langs Beach Stream Toilets	5/03/2010	ND
100686	Langs Beach Stream Toilets	7/03/2011	Ruminant
100281	Mangahahuru at Apouto Road	16/03/2011	Wildfowl (not duck)
100281	Mangahahuru at Apouto Road	14/09/2011	Ruminant
100281	Mangahahuru at Apouto Road	19/03/2014	Wildfowl, Plant
100281	Mangahahuru at Apouto Road	16/04/2014	ND
100281	Mangahahuru at Apouto Road	13/08/2014	Ruminant
100281	Mangahahuru at Apouto Road	22/10/2014	Ruminant
100281	Mangahahuru at Apouto Road	18/12/2014	Ruminant
100281	Mangahahuru at Apouto Road	18/03/2015	Wildfowl
100281	Mangahahuru at Apouto Road	20/01/2016	Possible Wildfowl
100281	Mangahahuru at Apouto Road	17/02/2016	Possible Wildfowl
100281	Mangahahuru at Apouto Road	16/03/2016	Wildfowl
100281	Mangahahuru at Apouto Road	21/09/2016	Possible Ruminant, Possible Wildfowl
100281	Mangahahuru at Apouto Road	17/05/2017	Ruminant, human, dog
100281	Mangahahuru at Apouto Road	16/11/2016	Wildfowl
100281	Mangahahuru at Apouto Road	21/06/2017	Ruminant
109982	Mangakino U/S Waitaua Confluence	22/04/2015	Ruminant, Wildfowl
109982	Mangakino U/S Waitaua Confluence	24/06/2015	Ruminant
109982	Mangakino U/S Waitaua Confluence	27/07/2015	Ruminant
109982	Mangakino U/S Waitaua Confluence	25/11/2015	ND
109982	Mangakino U/S Waitaua Confluence	28/01/2016	Ruminant, Possible Wildfowl
109982	Mangakino U/S Waitaua Confluence	24/02/2016	Wildfowl
109982	Mangakino U/S Waitaua Confluence	23/03/2016	Ruminant (10-50%), (Wildfowl)
109982	Mangakino U/S Waitaua Confluence	25/05/2016	Ruminant
109982	Mangakino U/S Waitaua Confluence	22/02/2017	Possible wildfowl
109982	Mangakino U/S Waitaua Confluence	28/09/2017	Ruminant, Avian, Human
109982	Mangakino U/S Waitaua Confluence	25/10/2017	Possible Ruminant, Wildfowl
108978	Mangamuka at Iwitaua Road	16/02/2011	Ruminant
108978	Mangamuka at Iwitaua Road	12/10/2011	Ruminant
108978	Mangamuka at Iwitaua Road	15/02/2012	Ruminant
108978	Mangamuka at Iwitaua Road	21/05/2014	Ruminant
108978	Mangamuka at Iwitaua Road	18/02/2015	Ruminant
108987	Mangamuka at Iwitaua Road	18/03/2015	Ruminant
108978	Mungamuka at Iwitaua Road	16/04/2014	Ruminant
108978	Mungamuka at Iwitaua Road	20/05/2015	Ruminant
100177	Mangapai at Pile No 23	14/03/2013	Possible Wildfowl
101626	Mangapiu at Kokopu Road	22/11/2017	Possible Ruminant, Wildfowl
101626	Mangapiu at Kokopu Road	25/10/2017	Ruminant, Wildfowl
101210	Mangawhai Motor Camp	18/01/2011	Wildfowl, not duck
101210	Mangawhai Motor Camp	22/03/2011	Wildfowl, not duck
101210	Mangawhai Motor Camp	7/02/2012	Wildfowl, not ducks
101625	Mangere at Knight Road	19/02/2014	Wildfowl, Plant
101625	Mangere at Knight Road	16/04/2014	Plant

Site Number	Site Name	Date	Conclusion	Site Number	Site Name	Date	Conclusion
101625	Mangere at Knight Road	18/06/2014	Ruminant	304641	Oruaiti at Windust Road	13/01/2015	Ruminant, plant
101625	Mangere at Knight Road	30/09/2014	Ruminant	304641	Oruaiti at Windust Road	11/10/2016	Ruminant
101625	Mangere at Knight Road	21/10/2014	Ruminant, human	304641	Oruaiti at Windust Road	14/03/2017	Ruminant + avian
101625	Mangere at Knight Road	23/12/2014	Ruminant	304641	Oruaiti at Windust Road	11/04/2017	Ruminant + avian
101625	Mangere at Knight Road	25/02/2015	Plant	304641	Oruaiti at Windust Road	8/11/2016	Ruminant
101625	Mangere at Knight Road	25/03/2015	ND	304641	Oruaiti at Windust Road	10/10/2017	Ruminant
101625	Mangere at Knight Road	22/04/2015	Ruminant, Wildfowl	108979	Oruru at Oruru Road	16/04/2014	Ruminant
101625	Mangere at Knight Road	26/05/2015	Ruminant, Wildfowl, Dog	108979	Oruru at Oruru Road	18/06/2014	Ruminant
101625	Mangere at Knight Road	24/06/2015	Ruminant	108979	Oruru at Oruru Road	13/08/2014	Ruminant
101625	Mangere at Knight Road	27/07/2015	Ruminant, Wildfowl				Low level or aged faecal from ruminant and
101625	Mangere at Knight Road	26/08/2015	Ruminant, Wildfowl	108979	Oruru at Oruru Road	13/04/2015	wildfowl
101625	Mangere at Knight Road	25/11/2015	Ruminant (up to 100%)	108979	Oruru at Oruru Road	12/05/2015	Ruminant, Wildfowl
101625	Mangere at Knight Road	27/01/2016	Possible Wildfowl	110431	Otaika at Otaika Valley Road	19/02/2014	Ruminant, Wildfowl
101625	Mangere at Knight Road	24/02/2016	Wildfowl	110431	Otaika at Otaika Valley Road	20/08/2014	Ruminant
101625	Mangere at Knight Road	25/05/2016	Ruminant	110431	Otaika at Otaika Valley Road	30/09/2014	Ruminant
101625	Mangere at Knight Road	20/06/2016	Ruminant	110431	Otaika at Otaika Valley Road	22/10/2014	Ruminant
101625	Mangere at Knight Road	28/09/2016	Ruminant	110431	Otaika at Otaika Valley Road	21/10/2014	Ruminant
101625	Mangere at Knight Road	26/10/2016	Ruminant	110431	Otaika at Otaika Valley Road	18/12/2014	Ruminant
101625	Mangere at Knight Road	23/11/2016	Ruminant	110431	Otaika at Otaika Valley Road	23/12/2014	Ruminant, Human, Wildfowl
101625	Mangere at Knight Road	26/04/2017	Ruminant + avian	110431	Otaika at Otaika Valley Road	28/01/2015	Ruminant, plant
101625	Mangere at Knight Road	24/05/2017	Ruminant + avian	110431	Otaika at Otaika Valley Road	18/02/2015	Ruminant, Human
102106	Mangere at Kara Road	25/10/2017	Possible Ruminant, Wildfowl	110431	Otaika at Otaika Valley Road	15/04/2015	Ruminant
306639	Mania at SH10	13/08/2014	Ruminant	110431	Otaika at Otaika Valley Road	27/07/2015	Ruminant, Wildfowl
306639	Mania at SH10	6/11/2014	Ruminant	110431	Otaika at Otaika Valley Road	26/08/2015	Ruminant
306639	Mania at SH10	8/07/2015	Ruminant	110431	Otaika at Otaika Valley Road	28/10/2015	Ruminant, Possible human
306639	Mania at SH10	10/08/2016	Ruminant	108859	Otamure Bay Stream	29/09/2009	Ruminant
306639	Mania at SH10	8/03/2017	Avian + low level ruminant	108859	Otamure Bay Stream	29/09/2009	Ruminant
306639	Mania at SH10	9/11/2016	Ruminant	108859	Otamure Bay Stream	25/01/2010	ND
306639	Mania at SH10	11/10/2017	Ruminant	108859	Otamure Bay Stream	24/02/2010	ND
100712	Matapouri Bay at Northern Bridge	15/01/2013	Wildfowl, not ducks	110378	Otamure Stream Western Trib	29/09/2009	Ruminant
100712	Matapouri Bay at Northern Bridge	5/02/2013	Ruminant, Wildfowl	105376	Otiria Stream	10/11/2011	Ruminant
100712	Matapouri Bay at Northern Bridge	26/11/2013	Ruminant, Wildfowl, Plant	103017	Pacific Bay Stream	22/10/2009	Wildfowl
100712	Matapouri Bay at Northern Bridge	31/12/2013	Ruminant	103017	Pacific Bay Stream	5/03/2010	ND
100712	Matapouri Bay at Northern Bridge	18/12/2014	Ruminant, Wildfowl/Plant	102198	Pahi at Jetty	5/03/2010	Possibly human, leaking septic tank suspected
100711	Matapouri Bay at Southern Bridge	18/12/2014	Ruminant, Wildfowl/Plant	102198	Pahi at Jetty	5/12/2011	Wildfowl, not ducks
109100	Ngunguru at Waipoka Road	14/09/2011	Ruminant	102198	Pahi at Jetty	12/12/2011	Wildfowl, not ducks
109100	Ngunguru at Waipoka Road	12/10/2011	Ruminant	102198	Pahi at Jetty	26/11/2012	Wildfowl, not ducks
108320	Ngunguru Estuary at Toilets	15/02/2011	Wildfowl, not duck	102198	Pahi at Jetty	14/01/2013	Wildfowl, not ducks
108320	Ngunguru Estuary at Toilets	2/03/2011	Wildfowl, not duck	101195	Paihia at Te Haumi	14/01/2013	ND
108320	Ngunguru Estuary at Toilets	6/12/2011	Wildfowl, not ducks	101183	Paihia at Waitangi Bridge	27/12/2012	Ruminant
109100	Ngunguru River at Waipoka Road	14/12/2011	Ruminant	101183	Paihia at Waitangi Bridge	14/01/2013	Wildfowl, not ducks
102258	Opouteke River at Suspension Bridge	12/10/2011	Ruminant	101183	Paihia at Waitangi bridge	9/12/2013	Weak Ruminant
102258	Opouteke River at Suspension Bridge	14/12/2011	Possible Wildfowl	101183	Paihia at Waitangi bridge	30/12/2013	Ruminant, weak Wildfowl
102258	Opouteke River at Suspension Bridge	16/05/2012	Ruminant	101183	Paihia at Waitangi bridge	15/12/2014	Ruminant
304641	Oruaiti at Windust Road	18/06/2014	Ruminant	306665	Paranui at Paranui Road	13/01/2015	Plant
304641	Oruaiti at Windust Road	9/12/2014	Ruminant	306665	Paranui at Paranui Road	13/04/2015	No fresh source of faecal pollution
				306665	Paranui at Paranui Road	8/11/2016	Ruminant

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306665	Paranui at Paranui Road	8/08/2017	Ruminant	109020	Utakura at Rangiahua Road	21/09/2016	Ruminant
110324	Parapara at SH10	17/03/2014	Ruminant	107284	Utakura at Okaka Road	21/06/2017	Ruminant
110324	Parapara at SH10	10/07/2014	Ruminant	107284	Utakura at Okaka Road	20/09/2017	Ruminant
304597	Parapara at Taumata Road	10/07/2014	Ruminant	104908	Victoria at DOC Reserve Crossing	5/12/2011	Wildfowl, not ducks
304593	Parapara Trib at Parapara Road	12/03/2014	Ruminant	104908	Victoria at DOC Reserve Crossing	3/12/2012	ND
304593	Parapara Trib at Parapara Road	17/03/2014	Ruminant, Human	104908	Victoria at DOC Reserve Crossing	18/12/2012	ND
304593	Parapara Trib at Parapara Road	10/07/2014	Ruminant	104908	Victoria at DOC Reserve Crossing	4/02/2013	Possible Wildfowl
102741	Pohenui River (Waipu) at Connel Road	12/09/2011	Ruminant	104908	Victoria at DOC Reserve Crossing	30/12/2013	Plant
309166	Puapua Creek at Komiti Road	29/12/2014	Low ruminant	104908	Victoria at DOC Reserve Crossing	20/01/2014	Wildfowl, plant
312177	Pukenui at Kanehiana Drive	15/02/2017	ND	104908	Victoria at DOC Reserve Crossing	29/12/2014	Plant, some human
312177	Pukenui at Kanehiana Drive	17/05/2017	Low level Ruminant and Human	104908	Victoria at DOC Reserve Crossing	12/01/2015	Human, plant
105231	Punakitere at Takehe	16/04/2014	Plant	104908	Victoria at DOC Reserve Crossing	5/01/2016	ND
105231	Punakitere at Takehe	18/06/2014	Ruminant	104908	Victoria at DOC Reserve Crossing	18/01/2016	Ruminant, Possible Wildfowl
105231	Punakitere at Takehe	20/08/2014	Ruminant	104908	Victoria at DOC Reserve Crossing	16/01/2017	ND
105231	Punakitere at Takehe	19/11/2014	Ruminant	104908	Victoria at DOC Reserve Crossing	23/01/2017	ND
105231	Punakitere at Takehe	18/12/2014	Ruminant	104908	Victoria at DOC Reserve Crossing	20/02/2017	Weak Wildfowl
105231	Punakitere at Takehe	18/03/2015	Ruminant	314849	Victoria upstream of campground	26/01/2017	ND
105231	Punakitere at Takehe	15/04/2015	Low level or aged faecal from ruminant	314852	Victoria at tributary above confluence	26/01/2017	ND
105231	Punakitere at Takehe	19/08/2015	Ruminant	304589	Waiaruhe at Puketona	20/08/2014	Ruminant
304613	Rama Road	10/03/2015	Ruminant	304589	Waiaruhe at Puketona	8/07/2015	Ruminant
304709	Raumanga at Bernard Street	30/09/2014	Human, Ruminant	304589	Waiaruhe at Puketona	11/05/2016	Ruminant (up to 10%), Wildfowl
304709	Raumanga at Bernard Street	27/11/2014	Human	304589	Waiaruhe at Puketona	10/08/2016	Ruminant
304709	Raumanga at Bernard Street	23/12/2014	Human, Wildfowl, Plant, Ruminant	304589	Waiaruhe at Puketona	9/11/2016	Ruminant
304709	Raumanga at Bernard Street	22/04/2015	Human, Wildfowl	304589	Waiaruhe at Puketona	8/03/2017	Ruminant, Wildfowl
304709	Raumanga at Bernard Street	27/05/2015	Human, Wildfowl, Dog	304589	Waiaruhe at Puketona	9/08/2017	Ruminant
304709	Raumanga at Bernard Street	26/06/2015	Human, Dog	107773	Waiarohia at Whau Valley	30/09/2014	Ruminant, Human
304709	Raumanga at Bernard Street	27/07/2015	Ruminant	107773	Waiarohia at Whau Valley	21/10/2014	Human
304709	Raumanga at Bernard Street	23/09/2015	Human, Dog	107773	Waiarohia at Whau Valley	27/11/2014	Ruminant, Human
304709	Raumanga at Bernard Street	28/10/2015	Human, Wildfowl	107773	Waiarohia at Whau Valley	23/12/2014	Human, ruminant
103246	Raumanga at Raumanga Valley Park	14/01/2013	Human - Sewage Spill	107773	Waiarohia at Whau Valley	28/01/2015	Human, avian/plant, Ruminant
103246	Raumanga at Raumanga Valley Park	4/02/2013	Possible Human	107773	Waiarohia at Whau Valley	25/02/2015	Ruminant, Human, Plant
103246	Raumanga at Raumanga Valley Park	30/12/2013	Weak Ruminant, Wildfowl, Plant	107773	Waiarohia at Whau Valley	27/05/2015	Ruminant, Human, Wildfowl
103246	Raumanga at Raumanga Valley Park	15/12/2014	Ruminant	107773	Waiarohia at Whau Valley	28/10/2015	ND
103246	Raumanga at Raumanga Valley Park	15/02/2016	Possible Wildfowl	304589	Waiaruhe at Puketona	16/04/2014	Ruminant, Plant
108314	Ruakaka at Below Motor Camp	27/12/2012	Ruminant	304589	Waiaruhe at Puketona	9/11/2017	Ruminant, Wildfowl
108314	Ruakaka at Below Motor Camp	30/12/2013	Ruminant	100007	Waiharakeke at Stringers Road	12/08/2014	Ruminant, Human
108314	Ruakaka at Below Motor Camp	15/12/2014	Ruminant	100007	Waiharakeke at Stringers Road	22/10/2014	Ruminant
108314	Ruakaka at Below Motor Camp	22/12/2014	Ruminant, some human and avian	100007	Waiharakeke at Stringers Road	19/11/2014	Ruminant
100974	Kerikeri at Skudders Beach	14/02/2011	Wildfowl/ruminant	100007	Waiharakeke at Stringers Road	18/02/2015	Ruminant
102252	Tirohanga Stream	2/12/2013	Ruminant	100007	Waiharakeke at Stringers Road	18/03/2015	Ruminant
102252	Tirohanga Stream	16/12/2013	Ruminant	101848	Waihoihoi River at Waipu Reserve	8/08/2011	Ruminant
102252	Tirohanga Stream	30/12/2013	Ruminant	101848	Waihoihoi River at Waipu Reserve	12/09/2011	Ruminant
102252	Tirohanga Stream	15/12/2014	Ruminant	109098	Waimamaku at SH12	16/03/2011	Ruminant
102252	Tirohanga Stream	22/12/2014	Ruminant	109098	Waimamaku at SH12	12/10/2011	Ruminant
109020	Utakura at Rangiahua Road	20/08/2014	Ruminant	109098	Waimamaku at SH12	14/12/2011	Ruminant
109020	Utakura at Rangiahua Road	18/12/2014	Ruminant	101468	Waionehu Stream at Boat Jetty	8/08/2011	Ruminant

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101468	Waionehu Stream at Boat Jetty	12/09/2011	Ruminant	103178	Waitangi at Waimate North Road	21/06/2017	Ruminant
102248	Waiotu at SH1	13/08/2014	Ruminant	103178	Waitangi at Waimate North Road	20/09/2017	Ruminant
102248	Waiotu at SH1	17/09/2014	Ruminant	103178	Waitangi at Waimate North Road	15/11/2017	Ruminant, Wildfowl
102248	Waiotu at SH1	22/10/2014	Ruminant	101752	Waitangi at Wakelins	9/12/2013	Ruminant, Plant
102248	Waiotu at SH1	18/12/2014	Ruminant	101752	Waitangi at Wakelins	30/12/2013	Ruminant
108941	Waipao at Draffin Road	19/02/2014	Wildfowl, Ruminant	101752	Waitangi at Wakelins	20/08/2014	Ruminant
108941	Waipao at Draffin Road	19/03/2014	Plant	101752	Waitangi at Wakelins	6/11/2014	Ruminant
108941	Waipao at Draffin Road	16/04/2014	Wildfowl	101752	Waitangi at Wakelins	15/12/2014	Ruminant
108941	Waipao at Draffin Road	21/05/2014	Wildfowl, Plant	108738	Waitaua at Vinegar Hill Road	25/03/2015	Wildfowl
108941	Waipao at Draffin Road	18/12/2014	Ruminant	108738	Waitaua at Vinegar Hill Road	27/07/2015	Ruminant, Human
108941	Waipao at Draffin Road	18/02/2015	Wildfowl, Plant	108738	Waitaua at Vinegar Hill Road	26/08/2015	ND
108941	Waipao at Draffin Road	18/03/2015	Wildfowl	108738	Waitaua at Vinegar Hill Road	28/01/2016	Possible Wildfowl
108941	Waipao at Draffin Road	15/04/2015	Wildfowl, Ruminant	108738	Waitaua at Vinegar Hill Road	24/02/2016	Wildfowl
108941	Waipao at Draffin Road	20/05/2015	Wildfowl, Ruminant	108738	Waitaua at Vinegar Hill Road	23/03/2016	Wildfowl Ruminant (up to 10%)
108941	Waipao at Draffin Road	19/08/2015	Ruminant	108738	Waitaua at Vinegar Hill Road	27/04/2016	Wildfowl
108941	Waipao at Draffin Road	20/01/2016	Wildfowl	108738	Waitaua at Vinegar Hill Road	25/05/2016	Possible Wildfowl
108941	Waipao at Draffin Road	17/02/2016	ND	108738	Waitaua at Vinegar Hill Road	22/02/2017	Wildfowl
108941	Waipao at Draffin Road	16/03/2016	Wildfowl	108738	Waitaua at Vinegar Hill Road	22/03/2017	Wildfowl
108941	Waipao at Draffin Road	20/04/2016	Wildfowl	108738	Waitaua at Vinegar Hill Road	27/04/2017	Wildfowl
108941	Waipao at Draffin Road	18/05/2016	Wildfowl, Ruminant	109979	Waitaua Trib at Rocks B, B	7/11/2011	Ruminant
101524	Waipapa at Landing	4/02/2013	Wildfowl	109979	Waitaua Trib at Rocks B, B	13/12/2011	ND
103304	Waipoua at SH12	21/09/2016	Ruminant - Cow Marker Detected (sheep - I detected)	105972	Hatea at Whangarei Falls	5/03/2010	Wildfowl
103304	Waipoua at SH12	17/05/2017	Ruminant	105972	Hatea at Whangarei Falls	9/03/2010	Wildfowl
103304	Waipoua at SH12	16/11/2016	Ruminant	105972	Hatea at Whangarei Falls	1/12/2015	ND
101207	Waipu Cove Stream	5/03/2010	ND	105972	Hatea at Whangarei Falls	18/01/2016	Ruminant, Possible Wildfowl
101207	Waipu Cove Stream	13/03/2010	Wildfowl	105972	Hatea at Whangarei Falls	23/02/2016	Ruminant, Possible Wildfowl
101207	Waipu Cove Stream	7/03/2011	ND	105972	Hatea at Whangarei Falls	22/11/2016	Ruminant, Wildfowl
101207	Waipu Cove Stream	22/03/2011	Ruminant	105972	Hatea at Whangarei Falls	20/12/2016	Ruminant, Wildfowl
304595	Waitangi at SH10	6/11/2014	Ruminant	105972	Hatea at Whangarei falls	12/12/2017	Possible Ruminant, Wildfowl
304595	Waitangi at SH10	20/08/2014	Ruminant, Human	109878	Woolleys Bay	7/02/2014	Ruminant (less than 10%), Wildfowl, Plant
304595	Waitangi at SH10	6/05/2015	Ruminant, Wildfowl, Dog	315196	Woolleys Bay Stream (near bridge)	3/03/2017	Wildfowl, Weak Ruminant. Possible dog
304595	Waitangi at SH10	8/07/2015	Ruminant, Wildfowl				
304595	Waitangi at SH10	10/08/2016	Ruminant				
304595	Waitangi at SH10	12/10/2016	Ruminant				
304595	Waitangi at SH10	9/11/2016	Ruminant				
304595	Waitangi at SH10	8/03/2017	Ruminant, human + avian				
304595	Waitangi at SH10	12/01/2017	Wildfowl, Low Level Ruminant				
304595	Waitangi at SH10	9/08/2017	Ruminant				
304595	Waitangi at SH10	9/11/2017	Ruminant, Wildfowl				
103178	Waitangi at Waimate North Road	16/04/2014	Ruminant				
103178	Waitangi at Waimate North Road	20/08/2014	Ruminant				
103178	Waitangi at Waimate North Road	15/12/2014	Ruminant				
103178	Waitangi at Waimate North Road	17/02/2016	Ruminant, Possible Wildfowl				
103178	Waitangi at Waimate North Road	21/09/2016	Ruminant				
103178	Waitangi at Waimate North Road	17/05/2017	Ruminant + avian				
103178	Waitangi at Waimate North Road	16/11/2016	Ruminant				