

Location/Consent Status	Plant Description	Issues & Status as at July 2022	Action(s)
Far North District Council			
Ahipara Consent issued 2013, expires 2033.	<ul style="list-style-type: none"> • Oxidation pond, surface flow wetland, overland flow to drain. • Discharges to a tributary of Wairoa Stream. 	<ul style="list-style-type: none"> • On-going non-compliance with (bacteriological) water quality conditions of consent. 	<ul style="list-style-type: none"> • Ongoing non-compliances with water quality conditions of consent. • Under abatement notice.
Hihi Consent issued 2011, expires 2022.	<ul style="list-style-type: none"> • Extended aeration treatment system with flow equalisation and UV disinfection followed by surface flow wetland. • Discharges to the Hihi Stream. 	<ul style="list-style-type: none"> • No current water quality issues, except for a slight issue with ammonia levels at times. 	<ul style="list-style-type: none"> • Project to upgrade plant has not progressed.
Kāeo Change consent issued 2011, expires 2022.	<ul style="list-style-type: none"> • Settlement and oxidation ponds • Packed bed reactor incorporating vermiculture. • Wetland. • Discharges to the Kaeo River. 	<ul style="list-style-type: none"> • No current issues. 	<ul style="list-style-type: none"> • No action required.
Kaikohe Change consent issued 2011, expires 2021. Application for replacement consent received in September 2021.	<ul style="list-style-type: none"> • Anaerobic pond, large facultative pond, three surface flow wetlands. • Discharges to a tributary of the Wairoro stream. 	<ul style="list-style-type: none"> • Ongoing, intermittent non-compliance with average dry weather flow measurement, ammonia and bacteriological conditions of RC. • The major effect of the WWTP discharge on the Wairoro Stream is eutrophication, which won't be addressed by treating for ammonia. • Outflow meter unreliable. • Facility appears overdue for de-sludging. 	<ul style="list-style-type: none"> • Ongoing non-compliances to be addressed in replacement consent.
Kaitaia Change consent issued 2015, expires 2021. Application for replacement consent received August 2021.	<ul style="list-style-type: none"> • Three ponds plus floating wetland cells. • Discharges to the Awanui River. 	<ul style="list-style-type: none"> • Over summer in some years, there are problems with algae in the ponds and discharge. Cell counts downstream have at times exceeded stock drinking water guidelines. However, to date actual toxins have not been detected. • Current abatement notice for overflows from the network (issued 2016). 	<ul style="list-style-type: none"> • Compliance issues will be addressed in replacement consent.
Kawakawa Consent issued 2012, expires 2036.	<ul style="list-style-type: none"> • Aeration tank, a secondary clarifier, a disc filter, UV treatment and then to constructed wetlands. • Discharges to Kawakawa River. 	<ul style="list-style-type: none"> • No current issues. 	<ul style="list-style-type: none"> • No action required.

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Kerikeri Consent issued 2016, expires 2036.	<ul style="list-style-type: none"> New plant. Discharges to the Waitangi Forest natural wetland (a tributary of the Kerikeri Inlet). 	<ul style="list-style-type: none"> No obvious issues from new plant, which was commissioned in December 2020. 	<ul style="list-style-type: none"> Under abatement notice. No action required.
Kohukohu Consent issued 2002, expired 2016. Operating under s124 protection – application is on hold.	<ul style="list-style-type: none"> Septic tanks followed by oxidation pond and surface flow wetland. Discharges to Hokianga Harbour. 	<ul style="list-style-type: none"> Occasional intermittent issues with bacteriological conditions of consent. 	<ul style="list-style-type: none"> No action required.
Opononi & Omāpere Consent issued 2009, expired 2019. Operating under s124 protection while replacement consent is processed. Currently receiving submissions.	<ul style="list-style-type: none"> Primary screen, aerated pond, facultative pond, surface flow wetland. Discharges to Hokianga Harbour (on outgoing tide). 	<ul style="list-style-type: none"> Significant non-compliance with bacteriological consent limits both 12-month median and 90th percentile up until October 2020 and ammonia since 2016. Issues & Options report completed with upgrade options recommended to address TAN and E. coli levels. 	<ul style="list-style-type: none"> Under abatement notice. Replacement consent will address required upgrade.
Paihia Consent issued 2014, expires 2034.	<ul style="list-style-type: none"> Anaerobic ponds – two. Two aerated ponds with Bio-Shells. Dosing with sodium bicarbonate. Discharges to the Waitangi Forest natural wetland (a tributary of the Kerikeri Inlet). 	<ul style="list-style-type: none"> Enforcement order was issued in December 2018. FNDC complied with the order. Plant was upgraded in 2019 with Bio-Shells. However, alkalinity issues are preventing plant operating at optimum performance for ammonia treatment. 	<ul style="list-style-type: none"> Alkalinity improvement project still in progress.
Rangiputa Consent issued 2008, expires 2032.	<ul style="list-style-type: none"> Oxidation ponds. Discharges to ground via the base of a third pond. 	<ul style="list-style-type: none"> No current issues. 	<ul style="list-style-type: none"> No action required.
Rāwene Consent issued 2013, expires 2023.	<ul style="list-style-type: none"> Screen. Anaerobic pond, facultative pond and surface flow wetland. Discharges to Omanaia River. 	<ul style="list-style-type: none"> Excessive solids in the anaerobic pond. 	<ul style="list-style-type: none"> Plant requires desludging.
Russell Consent issued 2013, expires 2024.	<ul style="list-style-type: none"> Screen. Aerated treatment system, surface flow wetland, filtration and UV disinfection. Discharges to deep bores. 	<ul style="list-style-type: none"> Occasional non-compliances with E. coli condition of consent post UV. 2017 AN is still in effect. 	<ul style="list-style-type: none"> Under current abatement notice. Infringement notices issued January and June 2022. Improvements underway.

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Taipā Consent issued 2021, expires 2029.	<ul style="list-style-type: none"> Screen. Replacement underway. Three small lagoons (it is intended to reconfigure these to anaerobic, aerated, anoxic). Maturation Pond. Discharges to a tributary of the Parapara Stream. 	<ul style="list-style-type: none"> Replacement resource consent issued. FNDC has access issues with sampling sites. 	<ul style="list-style-type: none"> Monitoring parameters against new consent conditions. Abatement notice issued for odour issues for pump station in Mangonui.
Whatuwhiwhi Consent issued 2007, expires 2025.	<ul style="list-style-type: none"> Screen. Two aerated ponds equipped with biological growth media. Dosing. UV. Discharges to natural wetland which extends down to Karikari Bay. 	<ul style="list-style-type: none"> Issues with elevated TSS levels. Levels may not be appropriate. 	<ul style="list-style-type: none"> FNDC to seek consent variation to address TSS levels – however this is not a priority. Abatement notice issued in 2022 for odour from Tokerau Beach public toilet pump station.
Kaipara District Council			
Dargaville Consent issued 2007, expires 2022.	<ul style="list-style-type: none"> Facultative pond and wetland/maturation pond. Discharges to the Northern Wairoa River. 	<ul style="list-style-type: none"> Frequent non-compliances with water quality conditions and discharge volumes since 2018. Desludging carried out in 2020 to mitigate water quality issues. 	<ul style="list-style-type: none"> Under abatement notice for non-compliances with consent conditions. Under abatement notice for unauthorised discharges from Dargaville network pumpstations.
Glinks Gully Consent issued 2014, expires 2024.	<ul style="list-style-type: none"> Individual septic tanks followed by dose pumping to land. 	<ul style="list-style-type: none"> No current issues. 	<ul style="list-style-type: none"> No action required.
Kaiwaka Consent issued 2010, expires 2022.	<ul style="list-style-type: none"> Aerated pond and constructed wetland. Discharge to Pukekaroro Stream 	<ul style="list-style-type: none"> No current issues. 	<ul style="list-style-type: none"> No action required.
Mangawhai – Ecocare Consent issued 2007, expires 2042.	<ul style="list-style-type: none"> Screening, CASS tanks, chlorination and then pumped to storage dam. Irrigated to farmland. 	<ul style="list-style-type: none"> Odour complaints being received from neighbours. Some historic exceedances of the Total Dissolved Solids (TDS) consent limit, mostly in summer. 	<ul style="list-style-type: none"> Under abatement notice for odour from irrigation area.
Maungaturoto Consent issued 2008, expires 2032.	<ul style="list-style-type: none"> Aerated pond, membrane filtration plant, storage pond, discharge to rock filter. Discharges to the Wairau River. 	<ul style="list-style-type: none"> Have had intermittent non-compliant discharges, generally due to high rainfall events. 	<ul style="list-style-type: none"> Under abatement notice.

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Te Kopuru Consent issued 2010, expires 2044.	<ul style="list-style-type: none"> • Oxidation ponds and constructed wetland. • Discharges to Northern Wairoa River. 	<ul style="list-style-type: none"> • Intermittent minor non-compliance with water quality consent conditions. • Abatement notice issued September 2018. • Second aerator installed in September 2020. 	<ul style="list-style-type: none"> • No action required.
Whangārei District Council			
Hikurangi Consent issued 2007 (re-issued 2010), expires 2025.	<ul style="list-style-type: none"> • Settling pond, aerated pond, wetland and floating wetlands. • Discharges to Mangawhero Stream. 	<ul style="list-style-type: none"> • Intermittent issues with plant performance resulted in the removal of the membrane filtration system. • WDC has engaged a consultant to review plant performance and implement a series of improvements. 	<ul style="list-style-type: none"> • Additional monitoring in place to assess suitable changes to system.
Ngunguru Consent issued 2010, expires 2035.	<ul style="list-style-type: none"> • Aerated pond, settling pond, constructed wetland and UV unit. • Discharges to tributary of the Waitoi Creek. 	<ul style="list-style-type: none"> • No current issues. • Installed a new membrane in September 2020. 	<ul style="list-style-type: none"> • No action required.
Ōākura Consent issued 2006, condition change in 2017, expires 2025.	<ul style="list-style-type: none"> • Screening, sedimentation tanks, biological contactor unit, disc filter and UV unit. • Discharges to forest land via dripper lines. 	<ul style="list-style-type: none"> • No current issues. 	<ul style="list-style-type: none"> • No action required.
Portland Consent issued 2004, expires 2024.	<ul style="list-style-type: none"> • Oxidation pond and constructed wetland. • Discharges to Tokitoki Creek. 	<ul style="list-style-type: none"> • No current issues. 	<ul style="list-style-type: none"> • No action required.
Ruakākā Consent issued 2019, expires 2046.	<ul style="list-style-type: none"> • Aerated pond and constructed wetlands. • Discharges to Bream Bay sand dunes. 	<ul style="list-style-type: none"> • Some recent (November 2021) non-compliances have been reported. 	<ul style="list-style-type: none"> • No action required.
Tutukākā Consent issued 2004, expires 2024.	<ul style="list-style-type: none"> • Screening, primary treatment, denitrification recirculation tanks, sand filters, UV unit and constructed wetland. • Discharges to a tributary of Tutukaka Harbour. 	<ul style="list-style-type: none"> • No current issues. 	<ul style="list-style-type: none"> • No action required.
Waiōtira Consent issued 2008, expires 2030.	<ul style="list-style-type: none"> • Septic tank and constructed wetland. • Discharges to Waiōtira Stream. 	<ul style="list-style-type: none"> • No current issues. 	<ul style="list-style-type: none"> • No action required.
Waipū Consent issued 2009, expires 2030.	<ul style="list-style-type: none"> • Aerated pond and constructed wetland with discharge to rapid in-fill basins. • Discharges to the Bream Bay coast via subsurface flow. 	<ul style="list-style-type: none"> • No current issues. 	<ul style="list-style-type: none"> • No action required.

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Whangārei Main WWTP Change consent issued 2015, expires 2022.	<ul style="list-style-type: none"> • Screening, primary clarifiers, 1st and 2nd stage trickling filters, activated sludge basin and clarifiers, effluent filter, UV unit and normal to high flows go through wetlands. • Discharges to Limeburners Creek. 	<ul style="list-style-type: none"> • Nuisance odour from plant. 	<ul style="list-style-type: none"> • Under abatement notice for odour.