

Resource Consent

FILE: 00932
(01 to 03)
Replacement

Document Date: 29.07.2026

*Pursuant to the Resource Management Act 1991, the Northland Regional Council
does hereby grant a Resource Consent to:*

FAR NORTH DISTRICT COUNCIL

To undertake the following activities associated with the operation of the Kaitāia Wastewater Treatment Plant on Pt Lot 4A DP 4093 Blk V Takahue SD, Section 87 Blk V Takahue SD and Section 1 SO 447437(Bonnetts Road, Kaitāia):

- | | |
|-------------------------|---|
| AUT.000932.01.04 | To discharge treated wastewater to the Awanui River, at or about location co-ordinates 1620752E 6114931N. |
| AUT.000932.02.03 | To discharge contaminants (primarily odour) to air from a wastewater treatment system located, at or about location co-ordinates 1620590E 6114450N. |
| AUT.000932.03.03 | To discharge contaminants to land via seepage from the base of the wastewater treatment system located, at or about location co-ordinates 1620590E 6114450N. |

Note: All location co-ordinates in this document refer to Geodetic Datum 2000, New Zealand Transverse Mercator Projection.

Subject to the following conditions:

Discharge to Awanui River and Seepage to Ground

- 1 The volume of treated wastewater discharged from the wastewater treatment plant to the Awanui River must not exceed an average of 3,200 cubic metres per day, as calculated using the 30 most recent “dry weather discharge days”. For compliance purposes, a “dry weather discharge day” is any day on which there is less than 1 millimetre of rainfall, and that day occurs after three consecutive days either without rainfall or with rainfall of less than 1 millimetres on each day.
- 2 The rainfall measurements used to determine a “dry weather discharge day” must be from the nearest appropriate continuous rainfall recorder site. This recorder site must be selected in consultation with the Hydrology Department of the Northland Regional Council.
- 3 The Consent Holder must maintain a flow meter with a measurement error of $\pm 5\%$ or less on the outlet of the wastewater treatment system to the Awanui River. This meter must be used for measuring the daily wastewater discharge volume to determine compliance with Condition 1.
- 4 The Consent Holder must validate the accuracy of the flow meter required by Condition 3:

- (a) Within six months of the commencement of these consents; and
- (b) At a minimum of five yearly intervals thereafter.

The validation must be undertaken by a suitably qualified and experienced person. Written verification from the suitably qualified person that the meter accuracy has been validated must be forwarded to the Northland Regional Council within one month of the validation being completed.

- 5 From the 1 January 2027, the Consent Holder must measure and record the daily volume, in cubic metres, of septage received at the Kaitiāia WWTP via the septage receiving facility. These records must be kept in a format agreed to by Northland Regional Council. A copy of these records must be sent to the Northland Regional Council and the Kaitiaki Forum (as required by Condition 19) upon written request from them.
- 6 The Consent Holder must, within 12 months of the commencement date of these consents, de-sludge the oxidation pond and maturation ponds one and two.
- 7 The Consent Holder must, by no later than five years from the commencement date of these consents, complete the following works:
 - (a) Install a new wet well and mechanical screen at the septage receiving system that, as a minimum, removes all large solids that would not degrade within the treatment system, is self-cleaning, and is sized to allow wastewater to pass through the screen under all influent flow regimes;
 - (b) Upgrade the WWTP outlet to the Awanui River so that the discharge from the pond system does not result in erosion and scouring of the river bed.
- 8 All works required by Condition 7 must be designed and installed by suitably qualified and experienced person(s).
- 9 The Consent Holder must notify Northland Regional Council in writing of the proposed date that any of the works required by Conditions 6 and 7 are to commence, at least one month prior to that date.
- 10 Within one month of completing any of the upgrade work required by Condition 7, the Consent Holder must provide Northland Regional Council with the following:
 - (a) A certificate of compliance or a written statement from the suitably qualified and experienced person(s) that designed the upgrade work. The certificate or statement must provide sufficient details and information to enable Northland Regional Council to verify compliance with Condition 7.
 - (b) Final “as built” plans that show the siting of all components of the required work. For the purpose of this Condition, the Consent Holder must ensure that the “as built” plans are drawn to scale and provide sufficient detail for a Northland Regional Council monitoring officer to locate all features identified on the plans.

Best Practicable Option (BPO)

- 11 Prior to 31 May 2033, the Consent Holder must provide a Best Practicable Option (BPO) Report to Northland Regional Council which assesses the alternative options for discharging treated wastewater from the WWTP. The BPO Report must include, as a minimum:

- (a) Consideration of decommissioning the oxidation and maturation pond system
- (b) A recommendation as to what the BPO is for long-term discharge of wastewater from the WWTP.
- (c) The option of discharging the treated wastewater to land, including the costs and benefits of all practicable discharge options.

The assessment of options must be undertaken by a suitably qualified and experienced person(s) (SQEP) and be prepared in collaboration with the Kaitiaki Forum (KF) required by Condition 19.

12 The Consent Holder must:

- (a) Develop the BPO Report required by condition 11 and undertake the assessment of options in collaboration with the KF;
- (b) Appoint and provide the KF with technical support from an independent SQEP in wastewater engineering and other SQEP's as required for the intended receiving environment (i.e. land disposal). The SQEP's must be verified by Northland Regional Council as being independent, suitably qualified and having no conflict of interest; and
- (c) In the event the BPO is a change to the current authorised discharge, advise Northland Regional Council whether or not it is committing to the BPO and, if so, the anticipated timeframe for this BPO to be implemented.

Wastewater Discharge Limits

13 The Consent Holder must provide and maintain easy and safe access to the sampling locations specified under Section 2.1 of Schedule 1 (**attached**).

14 The exercise of these consents must not cause any of the following effects on the water quality of the Awanui River, as measured at Northland Regional Council Sampling Site 100370 (Awanui River 50 metres downstream of the discharge point into the river), when compared with the water quality at Northland Regional Council Sampling Site 100369 (Awanui River 25 metres upstream of the discharge point into the river):

- (a) The natural water temperature to be changed by more than 3° Celsius.
- (b) The natural pH of the waters to fall outside the range of 7.0 to 8.5.
- (c) A conspicuous change in colour or visual clarity.
- (d) The concentration of dissolved oxygen to be reduced below 4.6 milligrams per litre.
- (e) Conspicuous oil or grease films, scums or foams, floatable or suspended materials or emissions of objectionable odour.
- (f) Acute toxicity, or significant adverse effects of chronic toxicity, to natural aquatic life by reason of a concentration of toxic substances.
- (g) Concentrations of microcystin to exceed 2.3 micrograms per litre (µg/L), expressed as microcystin-LR toxicity equivalents.
- (h) No significant increase in the *Escherichia coli* concentration.
- (i) The concentration of total ammoniacal nitrogen to exceed the following:

pH of Water at the Time Sampling	Total Ammoniacal Nitrogen [[NH ₃ + NH ₄]-N) (grams per cubic metre)
6.0	2.57
6.1	2.56
6.2	5.54
6.3	2.52
6.4	2.49
6.5	2.46
6.6	2.43
6.7	2.38
6.8	2.33
6.9	2.26
7.0	2.18
7.1	2.09
7.2	1.99
7.3	1.88
7.4	1.75
7.5	1.61
7.6	1.47
7.7	1.32
7.8	1.18
7.9	1.03
8.0	0.90
8.1	0.78
8.2	0.66
8.3	0.56
8.4	0.48
8.5	0.40
8.6	0.34
8.7	0.29
8.8	0.24
8.9	0.21
9.0	0.18

In the event that the background concentration of pH, dissolved oxygen or total ammoniacal nitrogen, as measured at Northland Regional Council Site Number 100370, exceeds the limits specified above, then the discharge must not result in any measurable adverse change to the limits.

Discharges to Air

- 15 The Consent Holder's operations must not give rise to any discharge of contaminants to air, including odour, at or beyond the legal boundary of Sec 87 Blk V Takahue SD which is deemed by a Northland Regional Council monitoring officer to be noxious, dangerous, offensive or objectionable.

Operations and Maintenance

- 16 The wastewater treatment system, including the outlet to the Awanui River, must be maintained so that it works effectively at all times.

- 17 The Consent Holder must keep a written record of maintenance undertaken on the wastewater treatment system. A copy of the written record must be forward to the Northland Regional Council within five working days following a written request by Northland Regional Council.

Avian Botulism Management Plan

- 18 The Consent Holder must, within 6 months of the commencement date of these consents, prepare an Avian Botulism Management Plan (ABMP) for the Kaitāia WWTP and invite Northland Fish and Game Council (NFGC) to input and review the development of this ABMP.

Advice Note: *This condition has been offered by the Consent Holder on an Augier basis to resolve an issue raised by NFGC in its submission. The Regional Council has no statutory responsibility regarding enforcement of the ABMP.*

Kaitiaki Forum

- 19 Within one month of the commencement of these consents, the Consent Holder must invite the following Tāngata Whenua to nominate a representative to join a Kaitiaki Forum:

- (a) Te Rūnanga o Te Rarawa;
- (b) Ngāti Te Ao, Te Uri o Hina, Te Tahawai;
- (c) Ngāi Tohianga, Te Paatu, Patu Koraha;
- (d) Te Runanga o Ngāi Takoto; and
- (e) Te Rūnanga Nui o Te Aupōuri.

- 20 The Kaitiaki Forum must also comprise of at least one senior officer appointed by the Consent Holder.

- 21 The Kaitiaki Forum must provide the opportunity for Tangata Whenua to:

- (a) Provide input into the development of a Terms of Reference (ToR) for the Kaitiaki Forum. The ToR is to be reviewed at least annually or as set out in the ToR;
- (b) Provide input into the drafting, preparation, and development of the plans (including but not limited to the Cultural Health and Wellbeing Monitoring Plan (CHWMP) and Riparian Planting Plan (RPP)) set out in the conditions of this consent;
- (c) Provide input into the investigation, assessment, design and development of the Kaitāia-WWTP upgrade works required by condition 7;
- (d) Review the effectiveness of any Kaitāia-WWTP upgrade in mitigating cultural effects;
- (e) Provide input into the investigation, assessment, design, and development of the BPO for the discharge of treated wastewater from Kaitāia-WWTP required by condition 11.
- (f) Request and receive any records required to be kept under this consent;
- (g) Review and make recommendations to the Consent Holder on any proposed changes to the plans set out in the conditions of this consent;
- (h) Advise and make recommendations to the Consent Holder on monitoring outcomes which indicate a change in risk or threat to cultural values;

- (i) Advise and make recommendations to the Consent Holder on the appropriateness of any mitigation, response and contingency measures in the case of unexpected changes to effects on cultural values identified in (h) above;
 - (j) Provide input into the development of an eligibility and assessment criteria for an Environmental Enhancement Fund (EEF);
 - (k) Measure key performance indicators as set out in the CHWMP;
 - (l) Undertake any other activities and functions as set out in the ToR; and
 - (m) Record observations and receive responses in relation to the consent conditions and activities authorised under the consent.
- 22 The Kaitiaki Forum must meet at least twice a year, or as determined in the ToR. The Consent Holder must prepare and circulate an agenda for each meeting and prepare minutes recording actions. A copy of the minutes must be provided to the Kaitiaki Forum members within one month of the meeting.
- 23 The Consent Holder must fund the fair and reasonable costs associated with the:
- (a) Operation of the Kaitiaki Forum (as provided for in the ToR for the Kaitiaki Forum).
 - (b) Development and delivery of the Cultural Health and Wellbeing Management Plan (CHWMP) required under Condition 24.
 - (c) Operation of the EEF as stipulated under Condition 30, including development of the eligibility and assessment.
 - (d) Development and delivery of the Riparian Planting Plan (RPP) required under Condition 32.

Cultural Health and Wellbeing Monitoring Plan

- 24 The Consent Holder must within 18 months of the commencement date of these consents have a finalised Cultural Health and Wellbeing Management Plan (CHWMP) relating to the activities covered by these consents. A copy of the finalised CHWMP must be provided to the Northland Regional Council.

Advice Note: *The purpose of the CHWMP is to ensure the cultural values of Awanui and Tāngonge are protected, monitored, and reported upon.*

- 25 The Consent Holder must engage a suitably qualified and experienced person in cultural practices to prepare the Cultural Health and Wellbeing Management Plan (CHWMP).
- 26 The Consent Holder must provide the opportunity for the Kaitiaki Forum to input into the drafting, preparation, and development of in the preparation of the CHWMP.
- 27 The CHWMP should, as a minimum, meet the following requirements:
- (a) Be prepared in collaboration with the Kaitiaki Forum;
 - (b) Include contact details, roles and responsibilities of key personnel who are responsible for implementing the CHWMP;
 - (c) Provide for cultural health indicators;

- (d) Include recommendations of key performance indicators (KPI's) to measure cultural wellbeing;
 - (e) Require monitoring to be undertaken at least on an annual basis, and specifically following the upgrade of the Kaitiāia-WWTP required by condition 6, or as determined otherwise by the KF;
 - (f) Include actual and potential effects that the CHWMP is designed to address;
 - (g) Include measures to be implemented to avoid, remedy or mitigate adverse effects of these issues;
 - (h) Include details of contingency measures for events producing significant adverse effects;
 - (i) Include cultural monitoring details, including instruments to be used, parameters to be measured, alert levels and response actions for alerts;
 - (j) Include procedures to be used to inform the Kaitiaki Forum and Tāngata Whenua of abnormal or isolated actual or potential events; and
 - (k) Is consistent and integrated (where appropriate) with all other existing plans at the Site.
- 28 The results of monitoring required to be undertaken in accordance with the CHWMP must be provided to the Kaitiaki Forum at least one (1) month prior to the next scheduled KF meeting after the monitoring has been completed.

Environmental Enhancement Fund

- 29 The Consent Holder must establish an Environmental Enhancement Fund (EEF). The purpose of the EEF is to support opportunities for environmental enhancement and specifically water quality/instream ecological improvement within the Awanui River catchment and the Lake Tāngonge catchment.
- 30 The EEF must support environmental initiatives in the following areas, or other items that provide a demonstrable positive environmental outcome within the Awanui River catchment and the Lake Tāngonge catchment:
- (a) Mātauranga and Kōrero tuku iho;
 - (b) Monitoring and research;
 - (c) Active restoration and enhancement projects;
 - (d) Protection, enhancement, and maintenance of māhinga kai areas and resources;
 - (e) Contributions for planting, and maintaining riparian vegetation;
 - (f) Increasing the width of setbacks to include a wider area for planting and vegetation on agricultural land;
 - (g) Educational or promotional activities that raise awareness of environmental issues;
 - (h) Pest management.
- 31 The Consent Holder must invite the Kaitiaki Forum to govern the EEF together with the Consent Holder.
- 32 The Consent Holder must develop a Terms of Reference that includes, but is not limited to:

- (a) Determining the number of representatives and the split of representatives governing the EEF. The Kaitiaki Forum should make up at least 50% of the EEF, with the remainder being representatives of the Consent Holder.
 - (b) The procedure for appointment of a Chairperson.
 - (c) A policy for the remuneration of representatives.
 - (d) A Code of Conduct for the EEF.
- 33 The initial EEF must be for a value (excl. GST) of \$150,000.00 and an investment of \$20,000.00 (adjusted for inflation) must be made by the Consent Holder to the EEF on an annual basis. These funds must be placed in a nominated bank account within six (6) months of the commencement of this consent and the monies must be allocated in accordance with conditions 29 and 30.

Riparian Planting Plan

- 34 The Consent Holder must engage a suitably qualified and experienced person(s) to prepare a Riparian Planting Plan (RPP) that provides for riparian planting to the value of \$75,000.00 (excl. GST) that is drawn from the EEF budget provided for in condition 33.
- 35 The RPP must only provide for riparian planting on land within 700 m of the point of discharge to the Awanui River (subject to landowner approval).
- 36 If the Consent Holder cannot reach agreement with any landowner within 700 m of the point of discharge to the Awanui River and/or obtain any other necessary approvals in relation to implementation of the RPP, then the Consent Holder can repurpose the whole balance, or any remaining balance (where some riparian planting has occurred) back to the EEF. If this occurs, then Conditions 37 to 39 cease to have effect.
- 37 The RPP should, as a minimum, include the following matters:
- (a) Be prepared in collaboration with the KF;
 - (b) Contact details, roles and responsibilities of key personnel who are responsible for implementing the RPP;
 - (c) A staged implementation programme showing how riparian and other planting, including species and planting density, and planting time of year will be completed over the stages identified;
 - (d) Identifies the areas that require both new riparian planting and improvements to existing riparian planting;
 - (e) A risk assessment approach to prioritising the planting and fencing required, with the highest priority to be completed first in the implementation programme;
 - (f) Identifies appropriate plant species and density of planting to achieve the requirements to both stabilise stream banks and provide shading of the adjacent waterways;
 - (g) Identifies the need for any necessary fencing to be installed to prevent stock entering waterways and to protect riparian planting;
 - (h) A plan for ongoing maintenance, release, weed management and replacement of deceased plants;
 - (i) A plan for pest management; and

- (j) Requires preference for locally sourced plant stocks.
- 38 The RPP must be completed within twelve (12) months of the date of commencement of these consents and planting is to be commenced within three (3) years of the date of commencement of these consents.
- 39 The Consent Holder must ensure that the planting does not impact flooding or drainage, nor impede any access to the river that is required for drainage maintenance purposes.
- 40 The Consent Holder must invite feedback on the RPP from the Kaitāia Drainage Area Committee for the purpose of obtaining advice regarding a methodology for riparian planting that will minimise the risk of flooding within the Awanui River catchment.

General Conditions

- 41 The discharges authorised by these consents must be monitored and reported in accordance with Schedule 1 (attached).
- 42 The Consent Holder must submit an Annual Monitoring Report (AMP) to the Northland Regional Council by 30 September each year. The AMR must, as a minimum, include:
 - (a) Results of all monitoring required to be undertaken in accordance with Schedule 1.
 - (b) An assessment of ongoing annual trends and the potential implication for ongoing compliance.
 - (c) Records of the daily volume, in cubic metres, of septage received at the Kaitāia WWTP via the septage receiving facility.
 - (d) Copies of minutes from each Kaitiaki Forum meeting required by Condition 22.
- 43 The Consent Holder must prepare an annual Financial Summary Report (FSR) by 30 September each year which documents the breakdown of expenditure associated with the Conditions 23 and 29. The Consent Holder must make the FSR publicly available on request.
- 44 The Consent Holder must on becoming aware of any discharge associated with the Consent Holder's operations that is not authorised by these consents:
 - (a) Immediately take such action, or execute such work as may be necessary, to stop and/or contain the discharge; and
 - (b) Immediately notify the Northland Regional Council by telephone of the discharge; and
 - (c) Immediately notify downstream landowners whose property adjoins the Awanui River within 1 km downstream of the discharge; and
 - (d) Immediately notify the KF of an escape of the contaminant in a manner agreed in the KF's ToR; and
 - (e) Take all reasonable steps to remedy or mitigate any adverse effects on the environment resulting from the discharge; and
 - (f) Report to Northland Regional Council in writing within one week on the cause of the discharge and the steps taken, or being taken, to effectively control or prevent the discharge.

For telephone notification during Northland Regional Council's opening hours, Northland Regional Council's assigned monitoring officer for these consents must be contacted. If that person cannot be spoken to directly, or it is outside of the council's opening hours, then the Environmental Hotline must be contacted.

Advice Note: *The Environmental Hotline is a 24 hour, seven day a week, service that is free to call.*

45 Northland Regional Council may, in accordance with Section 128 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions of these consents annually during the month of March. The review may be initiated for any one or more of the following purposes:

- (a) To deal with any adverse effects on the environment that may arise from the exercise of these consents and which it is appropriate to deal with at a later stage; or
- (b) To require the adoption of the best practicable option to remove or reduce any adverse effect on the environment.

The Consent Holder must meet all reasonable costs of any such review.

EXPIRY DATE: 30 NOVEMBER 2041

This consent was granted on 6 July 2026 under delegated authority from the council by Stuart Savill, Consents Manager. The commencement date for this consent is 29 July 2026

SCHEDULE 1

MONITORING PROGRAMME

The Consent Holder (or its authorised agent), must undertake the following monitoring:

1. DISCHARGE VOLUME

The daily wastewater discharge volume must be recorded together along with the local daily rainfall over the same 24-hour period, in accordance with Condition 1 and 2.

2. DISCHARGE AND RECEIVING WATER MONITORING

2.1 Monitoring Locations

The Consent Holder must undertake monitoring at the following monitoring locations as identified on the **attached** plan referenced as Northland Regional Council Plan Number **5467**.

Sampling Location	NRC Site Reference Number	Location Coordinates
Outlet from the WWTP	100373	1620762E 6114703N
Awanui River, 25m upstream of discharge point into river	100369	1620770E 6114923N
Awanui River, 50 metres downstream of the discharge point into the river	100370	1620700E 6114965N

2.2 Sampling Determinands and Frequency

2.2.1 Discharge Sampling (NRC Site 100373)

A single triplicate ^(see Note 2) sample of discharged wastewater must be collected monthly from NRC Site 100373. All samples must be analysed for the following determinands:

- (a) Temperature (°C) ^(see Note 3)
- (b) pH
- (c) Dissolved oxygen concentration ^(see Note 3) and percentage saturation
- (d) 5 day biochemical oxygen demand ^(see Note 1)
- (e) Total suspended solids
- (f) Total Ammoniacal Nitrogen
- (g) Nitrate nitrogen
- (h) Escherichia coli (see note 4)
- (i) Total Phosphorous
- (j) Dissolved Reactive Phosphorous

The discharge sampling required by section 2.2.3 must be undertaken on the same day as the receiving water sampling.

2.2.2 Receiving Water Sampling

One composite sample ^(See Note 2) from both upstream and downstream must be collected from NRC Site 100369 and 100370 each month. All samples must be analysed for the following determinands:

- (a) Temperature ^(see Note 3)
- (b) pH
- (c) Dissolved oxygen concentration ^(see Note 3) and percentage saturation
- (d) Total Ammoniacal Nitrogen
- (e) Nitrate nitrogen
- (f) Escherichia coli
- (g) Total Phosphorous
- (h) Dissolved Reactive Phosphorous

Notes:

- (1) The "total" five day biochemical oxygen demand must be measured and nitrogenous inhibitors must not be added to the samples prior to analysis.
- (2) A sample made up of equal volumes from three samples taken at least five minutes apart during the same sampling event.
- (3) Temperature and dissolved oxygen concentration must be measured in the field using a meter in accordance with standard procedures and triplicate measurements are not required for these parameters, apart from the measurement of dissolved oxygen in the treatment ponds, which is to be measured in accordance with Section 3.0.

2.2.3 Blue-green Algal Toxicity

During periods when blue cyanobacteria is prominent in the wastewater treatment ponds, one composite sample (see Note 2 above) must be taken fortnightly from NRC sampling site 100370 and analysed for microcystin concentrations.

The Consent Holder must notify the Northland Regional Council when this sampling occurs. A copy of the results must be provided to the Northland Regional Council within one (1) of Consent Holder receiving them.

3. RECORD OF SIGNIFICANT ODOURS

A record must be kept of any significant odours at or outside the treatment plant boundary. The record must identify the source and cause of any significant odour, duration of the odour, wind strength and direction, remedial action undertaken, and the degree of success of the remedial action.

4. SAMPLE COLLECTION, SAMPLE CONTAINERS AND TRANSPORT, AND ANALYTICAL METHODS

All samples must be collected using standard procedures and in appropriate laboratory supplied containers.

All samples collected as part of this monitoring programme must be transported in accordance with standard procedures and under chain of custody to the laboratory.

All samples collected must be analysed at a laboratory with registered quality assurance procedures, and all analyses must be undertaken using standard methods, where applicable.

Registered Quality Assurance Procedures are procedures which ensure that the laboratory meets recognised management practices as would include registrations such as ISO 9000, ISO Guide 25, Ministry of Health Accreditation, IANZ.

5. REPORTING

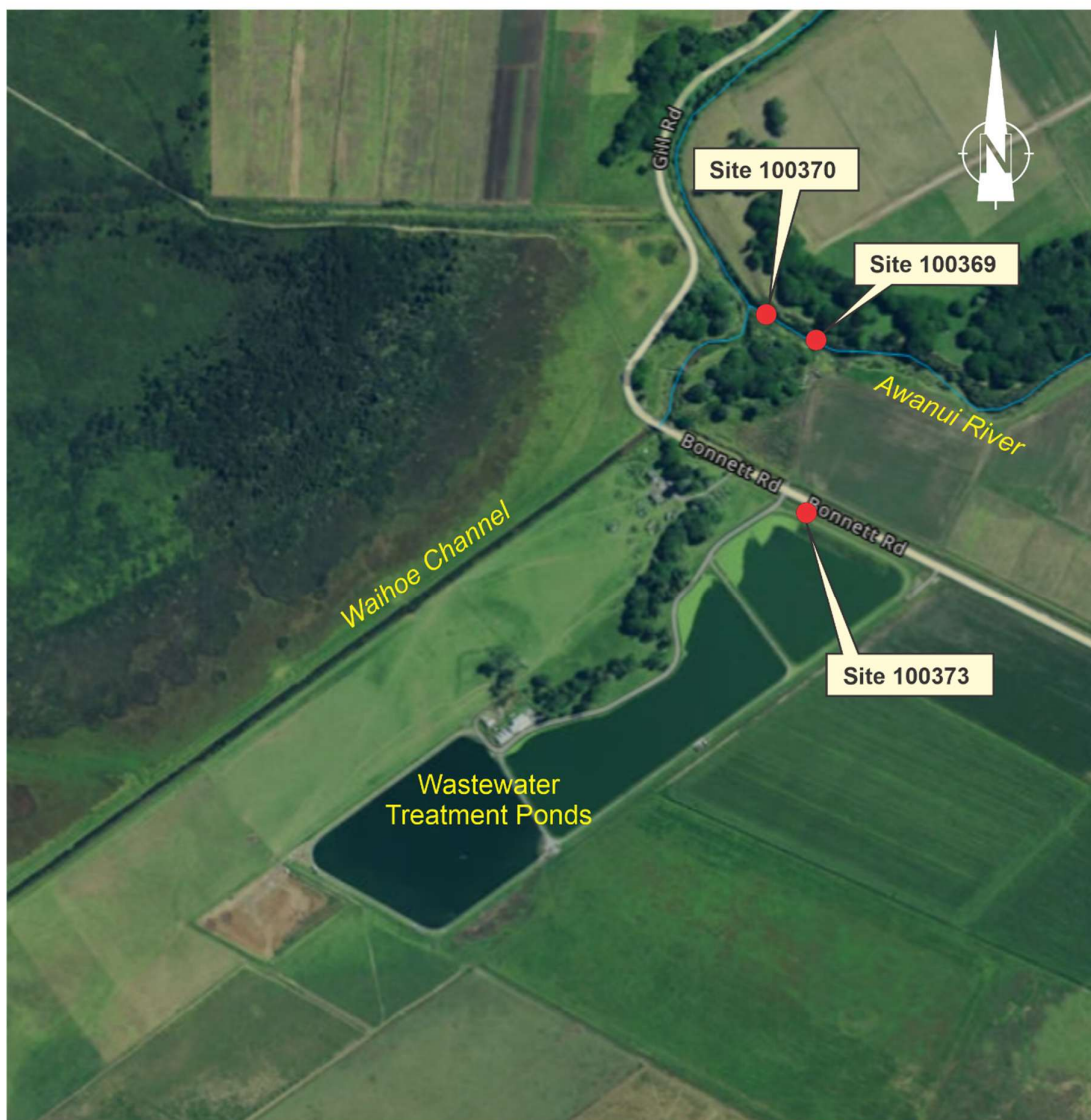
The Consent Holder must report the following results and data to the Northland Regional Council by the 15th of the following month:

- (a) All monitoring data required under the conditions of this resource consent and this schedule;
- (b) The calculated 30 most recent “dry weather discharge days” volumes for the calendar month.
- (c) Summary of any complaints received including odour.

All the above records must be provided in electronic format agreed with the Northland Regional Council.

If the monitoring results indicate a non-compliance with any consent condition, then the Consent Holder must report the results to the Northland Regional Council within 24 hours of receiving the analysis results.

A copy of the records required to be kept under Section 3.3 *Record of Significant Odours* must be provided to the Northland Regional Council and the Kaitiaki Forum (as required by Condition 19) on written request by them.



Site Number

Site 100373

Site 100369

Site 100370

Co-ordinates (NZTM)

1620762E 6114703N

1620770E 6114923N

1620700E 6114965N

Site Name

Outlet from WWTP

25m upstream of discharge

50m downstream of discharge



Monitoring Sites for Kaitaia Wastewater Treatment Plant

Scale: N.T.S.

Drawn: KATM 06/26

File: 932

Plan Number.
5467