

**Appendix BB Proposed Resource Consent
Conditions and Memorandum: Bond
Condition for Taharoa Ironsands
Limited Central and Southern Blocks
Fast-track Project**

Proposed Resource Consent Conditions

Resource Consent Certificate

Resource Consent Number: AUTH142035.01.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent type: Land Use Consent

Consent subtype: Land Disturbance

Activity authorised: Undertake iron sand mining operations and associated land disturbance activities including (but not limited to) construction of dredge ponds, stormwater ponds, water supply/storage ponds, access roads, stockpiles, wetlands and other features for environmental offsetting, restoration and/or rehabilitation purposes, and ancillary buildings.

Location: Taharoa Road, Taharoa

Map Reference: NZMS 260 R16:605-354

Consent duration: This consent will commence on the date of decision notification and expire on xxxx.

Subject to the conditions overleaf:

CONDITIONS

General

1. The exercise of this consent is subject to compliance with the General Conditions in Schedule 1.
2. The Consent Holder shall prepare a map (or maps) of the Central and Southern Blocks (Consent Area) at a suitable scale showing:
 - (a) The boundary of the Consent Area (i.e. the totality of the Central Block and the Southern Block);
 - (b) The location of, and a setback of 100 m from, Mean High Water Springs (MHWS) at the commencement of the Consent;
 - (c) The location of, and a setback of 30 m from any perennial waterbodies within and adjacent to the Consent Area;
 - (d) The location of, and a setback of 30m from all retained natural inland wetlands within the Consent Area;
 - (e) The location of buildings, structures, stormwater / water supply ponds and other mine infrastructure existing at the commencement date of this consent within 100m of MHWS or 30m of perennial waterbodies and identified natural inland wetlands;
 - (f) The location of urupa and other waahi tapu sites known to the Consent Holder at commencement of this consent, including a 20m buffer from cultural reserve sites unless a local specific geotechnical assessment has identified an appropriate reduced setback.
3. The map (or maps) required by Condition 2 shall be supported by a statement prepared by a suitably qualified and experienced Ecologist confirming the accuracy of the mapping of the perennial waterbodies and natural inland wetlands, and the setbacks from those features specified in Condition 2.
4. The plan (or plans) required by Condition 2 shall be submitted to Waikato Regional Council for review and approval by the Waikato Regional Council, acting in a technical certification capacity within 20 working days of the commencement date of this consent. The certified plan (or plans) shall be included in the Consent Holder's Annual Works Plan.
5. Mining operations shall not be undertaken within any of the setbacks shown on the certified map (or maps) required by condition 2(a) to (f) of this consent. For the purposes of this condition, "mining operations" means the extraction of sand and any equipment and structures necessary to facilitate sand extraction, and the deposition of tailings. It does not include:
 - (a) buildings, structures, stormwater/water supply ponds and other mine infrastructure existing at the commencement date of the consents including within 100 m of Mean High Water Springs or 30 m of perennial waterbodies and natural inland wetlands, and any activities required for the maintenance of those items;
 - (b) any activity (including vehicle movements) necessary for the purposes of stabilisation and maintenance of sand and tailings stockpiles, provided that these activities shall not be carried out within the setbacks specified in condition 2(c), 2(d) and 2(f);
 - (c) any activity (including but not limited to earthworks, vegetation planting/maintenance/clearance, fencing, pest animal control, and vehicle movements) associated with ecological offsetting, restoration and/or rehabilitation; and/or
 - (d) any activity necessary to address coastal erosion or inundation.
6. No mining operations nor the activities listed in condition 5(a)-(b) above can be undertaken within any of the urupa or waahi tapu sites shown on the certified map (or maps) required by Condition 2 of this consent.

7. The Consent Holder shall establish and maintain a planted buffer area within 30m of the natural inland wetlands and perennial waterbodies (**Planted Buffer Area**) in the area identified in the certified plan (or plans) required by Condition 2(c) of this consent, by undertaking infill planting, maintenance, and weed control programme within the Planted Buffer Area. The details of this programme shall be set out in a Natural Inland Wetland and Buffer Management Plan appended to the Consent Holder's Environmental Management Plan.

Dust Effects Management

8. The Consent Holder shall implement measures to manage dust to ensure that all activities in the Consent Area comply with the following:
 - (a) There shall be no discharge of contaminants beyond the boundary of the Consent Area that has adverse effects on human health, or the health of flora and fauna.
 - (b) There shall be no discharge of particulate matter that is objectionable to the extent that it causes an adverse effect at or beyond the boundary of the Consent Area.
 - (c) The discharge shall not significantly impair visibility beyond the boundary of the Consent Area.
9. The Consent Holder shall ensure that, within three months of all mining being completed within the 100m Priority Stabilisation Area shown in green in Figure 1 below, any exposed surface within that area shall be stabilised. Stabilisation in this area involves compaction and surface stabilisation to minimise the potential for discharges of dust.

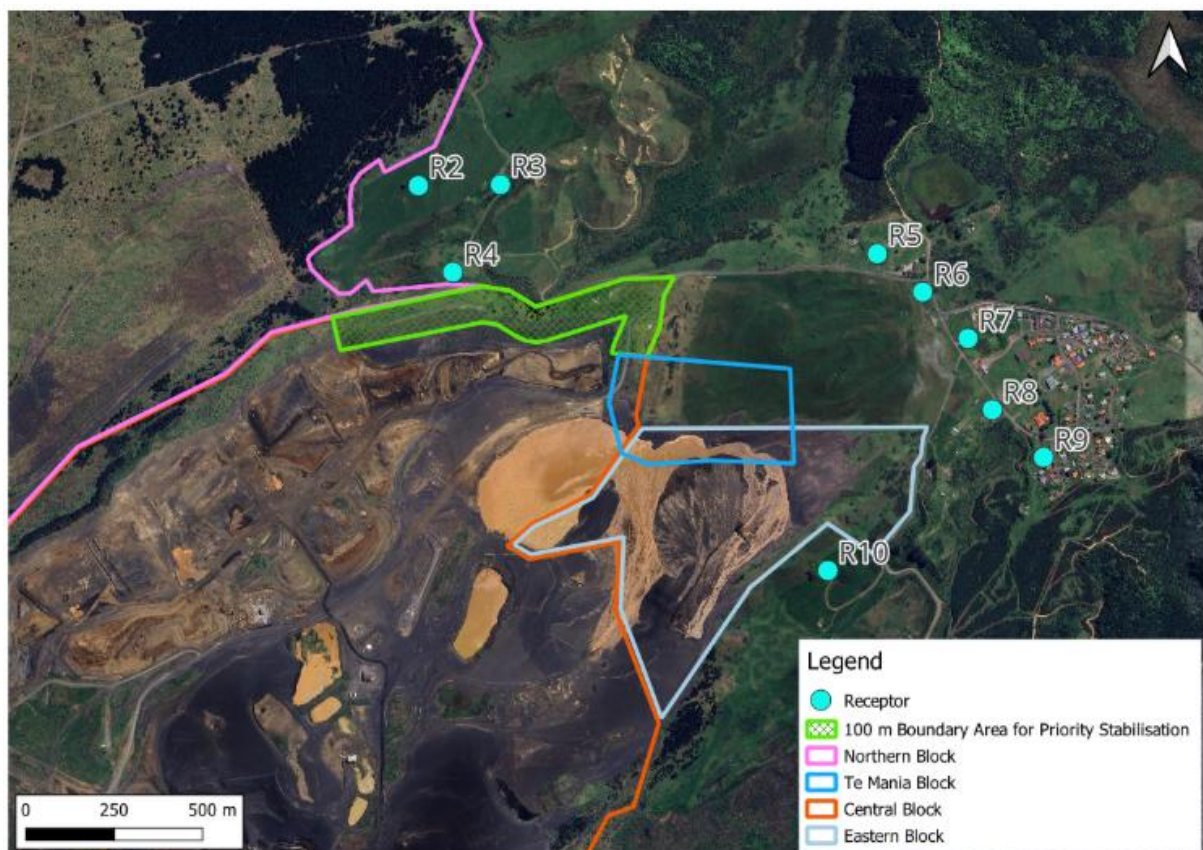


Figure 1

10. The Consent Holder must monitor dust discharges using at least six (6) PM10 dust monitors located within the Consent Area, including one upwind and one downwind of the Consent Area, one in proximity to Taharoa school/Kura, and one in proximity to the three nearest residential receptors.

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The Consent Holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the Consent Area by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the Consent Area, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.
8. The General Conditions include conditions which specifically address the actual and/or potential environmental effects associated with the discharges of dust and the management and monitoring of discharges to air, forming part of the Consent Holder's Environmental Management Plan.

Resource Consent Certificate

Resource Consent Number: AUTH142035.02.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent type: Water Permit

Consent subtype: Dam

Activity authorised: To dam and divert the Wainui Stream for the purpose of creating a water supply reservoir for iron sand mining operations on the Taharoa C Block and any land legally authorised to be used for iron sand mining operations.

Location: Taharoa Road, Taharoa

Map Reference: NZMS 260 R16:598-355

Consent duration: This consent will commence on the date of decision notification and expire on xxxx.

Subject to the conditions overleaf:

CONDITIONS

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1.

Advice Note: The General Conditions include conditions which specifically address the actual and/or potential environmental effects associated with the damming and diversion of the Wainui Stream and the operation and monitoring of the existing fish pass as part of a Lake Level and Water Management Plan, forming part of the Environmental Management Plan.

2. The crest height of the dam shall not exceed RL 11.58m a.s.l.
3. The Consent Holder shall monitor and record the water levels of the Wainui Stream at the water intake structure immediately upstream of the dam on the Wainui Stream on a daily basis at or about NZTM 1749676.36 5773786.62 and make the results available in accordance with condition 37 of Schedule 1 – General Conditions. This system must have a reliable calibration and must be maintained to an accuracy of +/-5 percent. Within 3 months of the commencement of this consent, the consent holder must provide Waikato Regional Council with evidence from a suitably qualified person showing that this system is verified as accurate to +/- 5 percent.
4. The Consent Holder must monitor the level of the Wainui Stream immediately downstream of the dam and ensure there is a residual flow in the Wainui Stream immediately downstream of the dam structure of no less than 10 l/s as measured through the outlet weir in the dam structure.
5. If the minimum residual flow referred to in condition 4 above persists for a period exceeding 14 calendar days, the Consent Holder shall engage a suitably qualified and experienced ecologist to monitor and report on instream ecological values in the Wainui Stream downstream of the dam. The instream monitoring report shall be provided to Waikato Regional Council within 10 working days of completion.
6. If the instream monitoring report prepared in accordance with condition 5 concludes that adverse effects (other than those caused by natural seasonal conditions) are occurring in the Wainui Stream downstream of the dam, the Consent Holder shall identify measures that can be implemented to address the identified adverse effects and implement those measures as soon as practicable. The Consent Holder shall notify the Waikato Regional Council of what measures have been undertaken within seven working days of the measures being implemented. The measures shall continue to be undertaken until either the minimum residual flow in the Wainui Stream downstream of the dam is exceeded for a continuous 7 calendar day period, or a suitably qualified and experienced ecologist confirms that the measures can be ceased.
7. The Consent Holder must be responsible for the structural integrity and maintenance of the dam and associated structures and for any erosion control works that become necessary to preserve the integrity and stability of the river channel.

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.

3. The consent holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.

Resource Consent Certificate

Resource Consent Number: AUTH142035.03.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent type: Water Permit

Consent subtype: Diversion

Activity authorised: Occupy the bed of the Wainui Stream via a rock and sheet pile weir, fish pass intake and outlet structures and the associated diversion of water through a fish pass channel located adjacent to the Wainui Stream.

Location: Taharoa Road, Taharoa

Map Reference: NZMS 260 R16:597-354

Consent duration: This consent will commence on the date of decision notification and expire on xxxx.

Subject to the conditions overleaf:

CONDITIONS

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1.

Advice Note: The General Conditions include conditions which specifically address the actual and/or potential environmental effects associated with the damming and diversion of the Wainui Stream and the operation and monitoring of the existing fish pass as part of an Ecological Management Plan, Lake Level and Water Management Plan and Wainui Stream Enhancement Plan, each forming part of the Environmental Management Plan.

Fish Pass Operation

2. The Consent Holder shall ensure that:
 - (a) a fortnightly inspection is undertaken of the entire length of the fish pass, and of the dam overflow chamber. If the inspection should identify the need for any cleaning, maintenance or repairs, the consent holder shall ensure that the necessary works are undertaken as soon as possible.
 - (b) the downstream entry to the fish pass is submerged by at least 100 millimetres at all times.
 - (c) the flow velocity in the fish pass does not exceed 0.3 metres per second.
 - (d) the pool at the entrance of the fish pass and access to the main channel of the Wainui Stream is kept free of aquatic weeds during the main fish migratory period (July – February).
 - (e) a pool depth at the base of the dam overflow chamber of at least 0.5 metres is maintained to provide for the downstream migration of fish species.
3. The Consent Holder shall maintain and if required modify the fish pass to ensure its effectiveness at all times, including any modifications to the fish pass required as a result of compliance with condition 2 and/or condition 4 of this consent.

Fish Pass Monitoring

4. The Consent Holder shall develop and implement a monitoring programme to confirm the ongoing effectiveness of the fish pass at providing passage for the juveniles of the following fish species: inanga, smelt, long-finned eel, short-finned eel, and juvenile and adult grey mullet. This programme shall be developed in consultation with the Department of Conservation, The Proprietors of Taharoa C Block Incorporated, Taharoa Lake Trustees, Te Ruunanga o Ngaati Mahuta ki te Hauaauro, Te Kooraha Marae, Aaruka Marae, and the Waikato Regional Council and shall be lodged with the Waikato Regional Council within 6 months of the commencement of this consent for written approval by the Waikato Regional Council acting in a technical certification capacity.

The monitoring programme shall confirm:

- (a) The likely migration periods for each of the species listed and use this as the basis for determining the timing and frequency of monitoring required.
 - (b) How the number and species of fish passing through the fish pass are to be monitored during the migration times for each of the species listed above.
 - (c) A process for monitoring the frequency of non-target fish utilising the fish pass.
 - (d) A method for determining and demonstrating the effectiveness of the fish pass.
 - (e) Reporting frequency and mechanisms, including any recommendations for improvement of the fish pass or review of the monitoring programme.
5. Any changes to the monitoring programme shall be provided to the Waikato Regional Council for written approval acting in a technical certification capacity.

6. The methodology for the monitoring programme and subsequent monitoring shall be recorded in the Lake Level and Water Management Plan chapter of an Environmental Management Plan.

Residual Flow in the fish pass

7. When the water level immediately behind the dam is below RL 9.3m, the Consent Holder must ensure there is a residual flow in the fish pass of a minimum of 24 L/s.

The Wainui Stream

8. The Consent Holder shall in consultation with the Waikato Regional Council, the Department of Conservation, The Proprietors of Taharoa C Block Incorporated, Taharoa Lake Trustees, Te Runuanga o Ngaati Mahuta ki te Hauaaauru, Tukotahi Te Kooraha Marae, Aaruka Marae, review and update the existing Wainui Stream Enhancement Plan for the purpose of improving the indigenous biodiversity values associated with the lower Wainui Stream (below the dam) including the management of identified inanga spawning areas.
9. In considering the purpose of the Wainui Stream Enhancement Plan, its development or review, details shall include:
 - (a) the nature of any supplementary/and or replacement planting to be undertaken (timing, species, source of planting material, extent and location).
 - (b) the nature of any weed and/or pest control considered appropriate (timing, extent and location).
 - (c) any consultation undertaken in the development of the management plan.
 - (d) procedures for implementing, monitoring and review of the management plan.
10. The reviewed and updated "Wainui Stream Enhancement Plan" shall be lodged with the Waikato Regional Council for approval, acting in a technical certification capacity, within 6 months of the commencement of this consent. Any changes to the plan shall be confirmed in writing by the Consent Holder following consultation with the Waikato Regional Council.

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The consent holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.

6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.

Resource Consent Certificate

Resource Consent Number: AUTH142035.05.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent type: Water Permit

Consent subtype: Surface Water Take

Activity authorised: Take water from a water supply reservoir created by the damming of the Wainui Stream, for the purpose of ship loading and iron sand mining operations (including the operation of the on-site plant nursery and for establishment and maintenance of ecological buffer and offset planting wetlands and other features for environmental offsetting, restoration and/or rehabilitation purposes, including augmentation of flows and water levels in perennial waterbodies and all wetlands).

Location: Taharoa Road, Taharoa

Map Reference: NZMS 260 R16:598-355

Consent duration: This consent will commence on the date of decision notification and expire on xxxx.

Subject to the conditions overleaf:

CONDITIONS

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1.

Advice Note: The General Conditions include conditions which specifically address the actual and/or potential environmental effects associated with the abstraction of water from the Wainui Stream and the operation and monitoring of the water take as part of Natural Wetland and Buffer Management Plan and the Lake Level and Water Management Plan, each forming part of the Environmental Management Plan.

2. Water taken pursuant to this consent must only be used for: operating an iron sand mine and undertaking all associated activities on Taharoa C Block and/or any land legally authorised to be used for iron sand mining ("operating use") and/or loading ironsand onto ships ("loading use"). Water taken can be stored for these purposes.
3. For water taken from the reservoir in the Wainui Stream, for operating use, the daily volume must not exceed 27,200 cubic metres as a 28 day rolling average, subject to the restriction imposed by condition 4 of this consent.
4. For water taken from the reservoir in the Wainui Stream, for loading use, the:
 - (a) daily volume of water taken must not exceed 75,000 cubic metres;
 - (b) annual volume of water taken must not exceed 3,000,000 cubic metres.
5. A system must measure on a continuous basis:
 - (a) take volume;
 - (b) operating use volume;
 - (c) ship loading use volume.

This system must have a reliable calibration and must be maintained to an accuracy of +/- 5 percent. Within 3 months of the commencement of this consent, the consent holder must provide Waikato Regional Council with evidence from a suitably qualified person showing that this system is verified as accurate to +/- 5 percent.

6. The Consent Holder must engage a suitably qualified person to undertake additional verification of the accuracy of the system required by condition 5:
 - (a) at the written request of the Waikato Regional Council;
 - (b) at a frequency no less than five yearly from the date of the first calibration required by condition 5;
 - (c) to the satisfaction of the Waikato Regional Council.

Evidence documenting each additional verification must be forwarded to the Waikato Regional Council within one month of the verification being completed.

7. Water must not be taken when the Lake Taharoa water level at or about NZTM 1751411.597 5774358.648 is less than 8.53 metres RL as measured by the Local Datum Survey Marker.
8. The Consent Holder must engage a suitably qualified and experienced ecologist to undertake baseline monitoring of the extent and health of the raupo and flax wetlands on the margins of Lake Taharoa adjoining the Taharoa C Block within the months of February and March following the commencement of this consent, and every 5 years thereafter. The outcomes of monitoring shall be provided to Waikato Regional Council.

9. The methodology for baseline and subsequent monitoring shall be recorded in the Natural Inland Wetland and Buffer Management Plan in the Environmental Management Plan.
10. If the level of Lake Taharoa drops below 9.6 metres RL as measured by the Local Datum Survey Marker, the Consent Holder shall:
 - (a) implement management responses to reduce as far as practicable the water being taken for the purposes of this consent.
 - (b) engage a suitably qualified and experienced ecologist to monitor and report on the extent and health of the raupo and flax wetlands on the margins of Lake Taharoa adjoining the Taharoa C Block for a continuous 30 day period. The wetland monitoring report shall be provided to Waikato Regional Council within 10 working days of completion.
 - (c) if the wetland monitoring report prepared in accordance with condition 11(b) concludes that adverse effects (other than those caused by natural seasonal conditions) are occurring on the raupo and flax wetlands on the margins of Lake Taharoa adjoining the Taharoa C Block, the Consent Holder shall review and update the Lake Level and Water Management Plan to identify measures that can be implemented to address the identified adverse effects and provide a copy to Waikato Regional Council for certification within 30 working days.
11. A system must measure on a continuous basis the Lake Taharoa water level at or about NZTM 1751411.597 5774358.648. This system must have a reliable calibration and must be maintained to an accuracy of +/- 5 millimetres. Within 3 months of the commencement of this consent, the consent holder must provide Waikato Regional Council with evidence from a suitably qualified person showing that this system is verified as accurate to +/- 5 millimetres.
12. In relation to the system required by condition 13 and during every August, the consent holder must provide Waikato Regional Council with a report containing:
 - (a) evidence showing that an accuracy of +/- 5 millimetres was maintained over the immediately preceding year ending 30 June;
 - (b) information setting out how the consent holder will maintain an accuracy of +/- 5 millimetres during the current year ending 30 June.
13. Water must not be taken when taking water will cause or contribute to a breach of the residual flow required by Condition 4 of consent AUTH142035.02.01.
14. The Consent Holder must telemeter – via a telemetry system that is compatible with Waikato Regional Council telemetry system standards and data protocols – :
 - (a) 15 minute values of take volume;
 - (b) daily values of operating use volume;
 - (c) daily values of loading use volume;
 - (d) 15 minute values of Lake Taharoa water level at or about NZTM 1751411.597 5774358.648.

This data must be reported at least once daily to the Waikato Regional Council via the telemetry system and the reporting must comply with the following requirements.

- Data a), b) and c) must be in units of cubic metres to at least one decimal place;
- Data d) must be in units of metres RL Local Datum Survey Marker to at least three decimal places;
- For data a) and d) there must be 96 values per parameter per daily report.
- For data b) and c) there must be one value per parameter per daily report.
- When there is no water being taken the data must specify the take volume as zero.
- When there is no operating use the data must specify the operating use volume as zero.
- When there is no loading use the data must specify the loading use volume as zero.

15. For water taken from the reservoir in the Wainui Stream, the intake must be screened with a mesh size not exceeding 12 millimetre in diameter and must be constructed so that:
 - (a) placement of the intake does not cause fish to be entrained; and
 - (b) that the migration habits and passage of fish are not compromised or adversely affected by the placement of the intake.
16. For water taken from the reservoir in the Wainui Stream, the Consent Holder must ensure that the intake velocity does not exceed 0.3 metres per second at all times. The intake must be cleaned and maintained to ensure that the intake velocity is maintained at 0.3 metres per second or less. If requested by the Waikato Regional Council, the Consent Holder must provide information to demonstrate that the intake velocity does not exceed 0.3 metres per second.

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to the Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The consent holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.

Resource Consent Certificate

Resource Consent Number: AUTH142035.06.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent type: Discharge Permit

Consent subtype: Discharge to Water

Activity authorised: Incidental discharge of settled stormwater and washdown water into the Wainui Stream from the area containing the administration building, stores compound and workshops.

Location: Taharoa Road, Taharoa

Map Reference: NZMS 260 R16:596-354

Consent duration: This consent will commence on the date of decision notification and expire on xxx.

Subject to the conditions overleaf:

CONDITIONS

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1.
2. There shall be no discharge of contaminants (oil, grease, fuel, or detergents) into the Wainui Stream that results in a conspicuous oil or grease film, scum, foam or a conspicuous change in colour of visual clarity after reasonable mixing, as a result of the exercise of this resource consent.
3. In the event of any breach of the conditions of this consent and/or of any accidental discharge, plant breakdown, or other circumstances which are likely to result in the limits of this resource consent being exceeded the Consent Holder shall notify the Waikato Regional Council immediately or at least within 24 hours of the breach detected. Within 7 days of any breach the Consent Holder shall provide written notification to the Waikato Regional Council which explains the cause of the breach, steps which were taken to remedy the breach and steps which will be taken to prevent any future occurrence of the situation.

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The consent holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.

Resource Consent Certificate

Resource Consent Number: AUTH142035.07.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent type: Discharge Permit

Consent subtype: Discharge to Land

Activity authorised: Discharge process water and other water potentially containing contaminants into the ground as a result of iron sand mining operations on the Taharoa C Block.

Location: Taharoa Road, Taharoa

Map Reference: NZMS 260 R16:596-354

Consent duration: This consent will commence on the date of decision notification and expire on xxxx.

Subject to the conditions overleaf:

CONDITIONS

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1.
2. All point source discharges of process water associated with iron sand mining operations, such as but not limited to tailings placement and Ironsand processing shall be directed into settling ponds/soakage areas. All other non-point source discharges of process water and other water that are incidental to ironsand mining operations, including leakages from the slurry and water supply network and operation of mining equipment and plant, and discharges related rehabilitation works, are authorised to be discharged directly into the ground.
3. Overland flow from the discharges in Condition 2, or groundwater seepage from ponds shall not discharge beyond the boundary of the consent area.
4. Settling ponds shall be desludged whenever required to maintain at least 80 percent of the pond volume available for holding process water, and in particular within one month's notice in writing from the Waikato Regional Council to do so.
5. The Consent Holder shall keep records of the capacity of each pond and the times at which desludging has occurred and make these records available to the Waikato Regional Council on request.

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The consent holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.

Resource Consent Certificate

Resource Consent Number: AUTH142035.08.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent type: Discharge Permit

Consent subtype: Discharge to Land

Activity authorised: Discharge mine overburden and tailings from the Taharoa C Block and any land legally authorised to be used for iron sand mining operations onto land for the purpose of rehabilitating mined areas.

Location: Taharoa Road, Taharoa

Map Reference: NZMS 260 R16: 605-354

Consent duration: This consent will commence on the date of decision notification and expire on xxxx.

Subject to the conditions overleaf:

CONDITIONS

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1.
2. The Consent Holder shall implement measures to manage dust to ensure that all activities on site comply with the following:
 - (a) There shall be no discharge of contaminants beyond the boundary of the consent area that has adverse effects on human health, or the health of flora and fauna.
 - (b) There shall be no discharge of particulate matter that is objectionable to the extent that it causes an adverse effect at or beyond the boundary of the consent area.
 - (c) The discharge shall not significantly impair visibility beyond the boundary of the consent area.
3. The exercise of this consent shall not result in overland flow or groundwater seepage being discharged beyond the boundary of the consent area.
4. The exercise of this consent shall not result in land slippage, erosion or destabilization of land in properties beyond the boundary of the consent area.

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The consent holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.

Resource Consent Certificate

Resource Consent Number: AUTH142035.09.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent type: Coastal Permit

Consent subtype: Structure - Occupation, Use and Maintenance

Activity authorised: The occupation of the Coastal Marine Area by two existing pipelines for the purpose of ship loading and the discharge of stormwater and process water (referred to as Pipeline No.1 and Pipeline No.2) and the operation, maintenance, and future reconstruction / replacement of those pipelines and associated dewatering and diversion of coastal waters, bed disturbance and vehicle use.

Location: Taharoa Road, Taharoa

Map Reference: NZMS 260 R16:566-352 to R16:596-353

Consent duration: This consent will commence on the date of decision notification and expire on xxxx.

Subject to the conditions overleaf:

CONDITIONS

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1 and the Common CMA Conditions in Schedule 2.
2. The Consent Holder must advise the Waikato Regional Council in writing at least 10 days prior to undertaking any planned maintenance or reconstruction / replacement activities in the Coastal Marine Area.
3. At least three months prior to any reconstruction / replacement of the structures the Consent Holder must provide the Waikato Regional Council with a detailed plan of the proposed works for approval by the Waikato Regional Council acting in a technical certification capacity, including but not limited to the following:
 - (a) The scope and nature of works;
 - (b) Timing of works;
 - (c) Construction methodology;
 - (d) Means to avoid, remedy or mitigate adverse effects to the Coastal Marine Area that may arise from the proposed works; and
 - (e) Evidence of consultation with, and any written feedback from, the Harbourmaster.
4. Any planned pipeline maintenance or reconstruction / replacement works proposed within the onshore beach environment must not be undertaken within the period September to January inclusive, to avoid adverse impacts on NZ Dotterel nest sites as far as practicable, unless prior written approval is obtained from the Waikato Regional Council acting in a technical certification capacity in consultation with the Department of Conservation.

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The consent holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.

6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.

Resource Consent Certificate

Resource Consent: AUTH142035.11.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent Type: Coastal Permit

Consent Subtype: Structure - Occupation, Use and Maintenance

Activity authorised: To place and use a mooring buoy and associated structures in the Coastal Marine Area, including future reconstruction/replacement and associated occupation and disturbance.

Location: Taharoa Road, Taharoa

Spatial Reference: Long. 174° 39.9144 E Lat. 38° 10.5118 S
(WGS84 degrees and minutes)

Consent Duration: This consent will commence on the date of decision notification and expire on xxxx.

Subject to the conditions overleaf:

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1 and the Common CMA Conditions in Schedule 2.

Notification

2. The Consent Holder must advise the Waikato Regional Council in writing 10 days prior to undertaking any planned replacement of structures in the Coastal Marine Area. This excludes periodic exchanges of the mooring buoy with an alternate.
3. At least three months prior to any proposed permanent relocation of the mooring buoy and/or associated structures, the Consent Holder must provide the Waikato Regional Council with a detailed plan of the proposed works for approval by the Waikato Regional Council acting in a technical certification capacity, including but not limited to the following:
 - (a) The new location for the mooring buoy and/or associated structures;
 - (b) The scope and nature of works involved to relocate the mooring buoy and/or associated structures;
 - (c) Timing of works;
 - (d) Methodology;
 - (e) Means to avoid, remedy or mitigate adverse effects to the Coastal Marine Area that may arise from the relocation / proposed works; and
 - (f) Evidence of consultation with, and any written feedback from, the Harbourmaster.
4. The mooring buoy and/or associated structures must not be permanently relocated unless and until the Waikato Regional Council has approved the new location and the mooring buoy and/or associated structures in accordance with Condition 3.
5. Should the mooring buoy be permanently relocated, the Consent Holder must upon completion of the relocation notify Waikato Regional Council, Maritime New Zealand and the Hydrographic Office of Land Information New Zealand in writing of the new location of the structures authorised by this resource consent.

Structural Integrity

6. Should the mooring buoy be permanently relocated, the Consent Holder must within six months of the relocation of the mooring buoy provide certification that the mooring buoy has been inspected and that it is sound and in a suitable condition for mooring vessels. The inspection and certification must have been undertaken by a marine engineer or other qualified professional accepted as competent to do so by the Waikato Regional Council.
7. A copy of the inspection report and any servicing that was undertaken to ensure the mooring complied with condition 6, must be provided in writing within one month from the completion of each three yearly inspection to the Waikato Regional Council.

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.

2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The consent holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.

Resource Consent Certificate

Resource Consent: AUTH142035.12.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent Type: Coastal Permit

Consent Subtype: Discharge to Water

Activity authorised: To discharge ship loading water, including freshwater and fine sediment, to water in the Coastal Marine Area during ship loading operations.

Location: Taharoa Road, Taharoa

Spatial Reference: Long. 174° 39.9144 E Lat. 38° 10.5118 S
(WGS84 degrees and minutes)

Consent Duration: This consent will commence on the date of decision notification and expire on xxxx.

Subject to the conditions overleaf:

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1 and the Common CMA Conditions in Schedule 2.

Environmental Protection

2. The discharge ship loading water, including freshwater and fine sediment, must not exceed 75,000 m³/day.
3. The maximum volume of ship loading water that may be discharged into the Coastal Marine Area during ship loading operations must not exceed 7.5×10^6 cubic metres in any 12-month period.
4. There must be no conspicuous oil, grease, scums or foams present after reasonable mixing as a result of the exercise of this consent.
5. The Consent Holder must analyse the discharge into the Coastal Marine Area during ship loading for grain size composition within the suspension, the clay mineralogy and heavy metal concentrations at least every six months. Samples must be taken during the loading cycle, one near the start, one sample in the middle and one sample near the end. Each sample must be taken as close as practical to the point where the overflow enters the marine environment. Heavy metals analysed must include Aluminium, Arsenic, Nickel, Copper, Iron, Manganese, Lead and Zinc. All analyses must be for dissolved metals.
6. The results of the sampling described in condition 5 must be submitted to Waikato Regional Council within one month of the results being received.

Underwater noise

7. Within 6 months of the commencement of this consent, the Consent Holder shall engage a suitably qualified and experienced person to undertake a one-off underwater noise survey of the noise generated by vessels arriving and departing from Port Taharoa and from vessels undertaking ship loading. The results of the noise survey must be submitted to Waikato Regional Council within one month of the results being received.
8. If new vessels, that use substantially different methods or equipment for loading Ironsand and associated dewatering, are used, the noise monitoring undertaken as per condition 7 shall be repeated.

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The consent holder may apply to change the conditions of the resource consent under s127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.

5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.

Resource Consent Certificate

Resource Consent: AUTH142035.13.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent Type: Coastal Permit

Consent Subtype: Discharge to water

Activity authorised: To discharge stormwater and process wastewater to water in the Coastal Marine Area from mining operations on Taharoa C Block and any land legally authorised to be used for iron sand mining operations.

Location: Taharoa Road, Taharoa

Consent Duration: This consent will commence on the date of decision notification and expire on xxx.

Subject to the conditions overleaf:

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1 and the Common CMA Conditions in Schedule 2.

Environmental Protection

2. The discharge of stormwater and process wastewater to water in the Coastal Marine Area must not exceed 32,600 m³/day.
3. Discharges authorised by this consent must only occur where the discharge of stormwater and process water to land (as authorised by consent AUTH142035.07.01) is not possible, for example during flood events or high rainfall periods when stormwater ponds have reached or exceeded 80% of their storage capacity.
4. Where the discharge of excess stormwater and process wastewater to the Coastal Marine Area is necessary as per condition 3, it must be discharged via a shiploading pipeline and may be coincident with ship loading of ironsand.
5. There must be no conspicuous oil, grease, scums or foams present in the receiving environment after reasonable mixing as a result of the exercise of this consent.
6. As soon as practical following commencement of this consent, the NTU/FTU equivalent relationship must be established for the stormwater/process water for the site. This shall be achieved by:
 - (a) the collection of no less than 8 samples from the stormwater holding pond or ponds;
 - (b) contemporaneous TSS and turbidity testing of the samples. The TSS sampling should be undertaken by a laboratory, the NTU/FTU readings should be undertaken by site monitoring equipment and the laboratory.
 - (c) establishing the relationship between the NTU/FTU results and the TSS results. This relationship must be established once during the duration of the consent.
7. Prior to discharge of stormwater to the CMA a water sample must be collected from the holding pond or ponds that the discharge will be sourced from. This sample must be analysed for turbidity, pH, heavy metals and hydrocarbons. Samples are to be analysed by an accredited laboratory and heavy metals are to be analysed for total concentration at trace level.
8. Prior to the discharge of stormwater to the CMA, the Consent Holder must measure the turbidity in NTU/FTU of the stormwater/process water and compare this value with the turbidity trigger value in NTU/FTU, using the relationship established in accordance with Condition 6, that is equivalent to a TSS of 1,280mg/l.
9. If the measured turbidity of the stormwater or process water to be discharged exceeds the trigger value in Condition 8, the Consent Holder must:
 - (a) Implement management practices to reduce the turbidity of the stormwater;
 - (b) Remeasure the turbidity of stormwater or process water from the holding ponds following the implementation of the management practices; and
 - (c) Only commence discharging once the stormwater has an NTU/FTU reading less than the turbidity trigger level in Condition 8.
10. The consent holder shall make available the testing and monitoring results to the Waikato Regional Council upon request.

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The consent holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.

Resource Consent Certificate

Resource Consent Number: AUTH142035.14.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent type: Water Permit

Consent subtype: Diversion and Surface Water Take

Activity authorised: To divert groundwater in association with ironsand mining operations and to take water from within a dredge pond as a result of extraction of sand for use in mining operations.

Location: Taharoa Road, Taharoa

Map Reference: NZMS 260 R16:597-354

Consent duration: This consent will commence on the date of decision notification and expire on xxxx.

Subject to the conditions overleaf:

CONDITIONS

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1.
2. The Consent Holder shall monitor the base flow in the Mitiwai Stream at the locations shown in Figure 2 below. If extraction of sand is occurring in the Central Block within 'Pit 3' as shown in Figure 1 below, and the base flow of the Mitiwai Stream during the summer months from 1 December – 1 March as measured at the upstream flow recording site in Figure 3 is 28 L/s or less, then the base flow in the Mitiwai Stream must be augmented to achieve a base flow of 28 L/s or greater as measured at the downstream flow recording site shown in Figure 2.
3. Within 3 months of the commencement of this consent, the Consent Holder shall undertake baseline temperature, pH, and turbidity measurements at the upstream and downstream flow recording sites referred to in condition 2 above. Any augmentation of base flow in the Mitiwai Stream required by condition 2 above shall not, after reasonable mixing, raise the temperature of the stream by more than 3 degrees Celsius or the turbidity of the stream by more than 10%. The pH of the water to be discharged shall be between 6 and 9.
4. Any augmentation of base flow in the Mitiwai Stream required by condition 2 above shall ensure that the upstream passage of fish in the Mitiwai Stream shall be maintained.

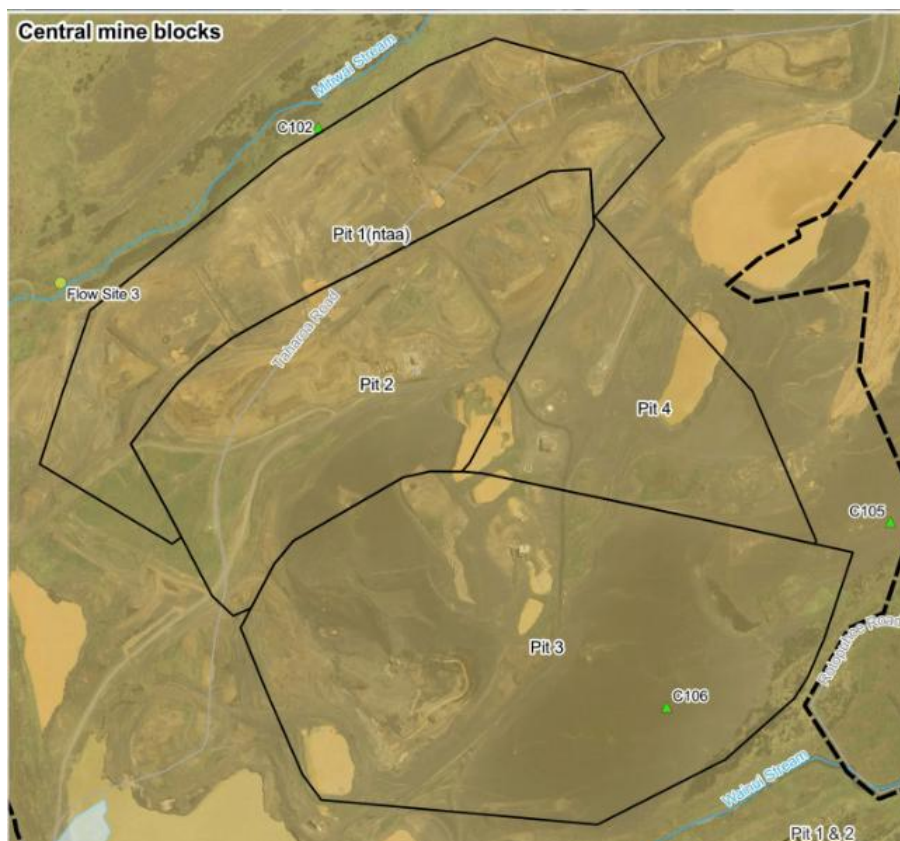


Figure 1



Figure 2

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The consent holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.

Resource Consent Certificate

Resource Consent Number: AUTH142035.15.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent type: Discharge Permit

Consent subtype: Discharge to Water

Activity authorised: Discharge mining process water into water within a dredge pond and water management ponds, and discharge water containing contaminants (naturally occurring sediment) from a mining dredge into water within a dredge pond.

Location: Taharoa Road, Taharoa

Map Reference: NZMS 260 R16:596-354

Consent duration: This consent will commence on the date of decision notification and expire on XXX.

Subject to the conditions overleaf:

CONDITIONS

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1.

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The Consent Holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.

Resource Consent Certificate

Resource Consent Number: AUTH142035.16.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent type: xxxxxx

Consent subtype: xxxxxx

Activity authorised: Destroy and/or disturb natural inland wetlands and dewater natural inland wetlands by undertaking mining within 100 m of a natural inland wetland.

Location: Taharoa Road, Taharoa

Map Reference: NZMS 260 R16:596-354

Consent duration: This consent will commence on the date of decision notification and expire on xxxx.

Subject to the conditions overleaf:

CONDITIONS

General

1. The exercise of this consent is subject to the General Conditions in Schedule 1.
2. The natural inland wetlands that are authorised to be destroyed or dewatered by this consent are limited to those shown on Figure 1 below.
3. The Consent Holder shall establish a minimum of 8.3 hectares of new natural inland wetland habitat within the Consent Area, either through the creation of new wetland areas or by augmenting existing constructed wetlands to achieve the total area requirement within 2 years of the destruction of any natural inland wetland, as far as reasonably practicable.
4. The new wetland habitat required by Condition 3 shall be designed, implemented, and maintained to achieve no net loss of wetland habitat and ecological function, as a result of the destruction of wetlands identified on Figure 1 (wetland offset). The specifications for the offset must be included in the Natural Inland Wetland and Buffer Management Plan required by the Schedule 1 General Conditions.
5. Prior to the disturbance of any natural inland wetland authorised by this resource consent, the Consent Holder shall undertake baseline monitoring of water levels for 12 months commencing during the first 12 months of exercising the consent to:
 - (a) form the baseline for long-term simulation modelling and define trigger levels for the setting of contingency measures, should water levels recede towards historical lows.
 - (b) determine the lowest and mean natural water level in each wetland in the periods of December – February, March – May, June – August and September – November (summer, autumn, winter, spring).
6. The Consent Holder shall ensure that water levels within each retained wetland do not fall below the lowest natural seasonal water levels established through baseline monitoring, within the natural seasonal range. Compliance shall be demonstrated through ongoing monitoring and reporting in accordance with the Natural Inland Wetland and Buffer Management Plan.

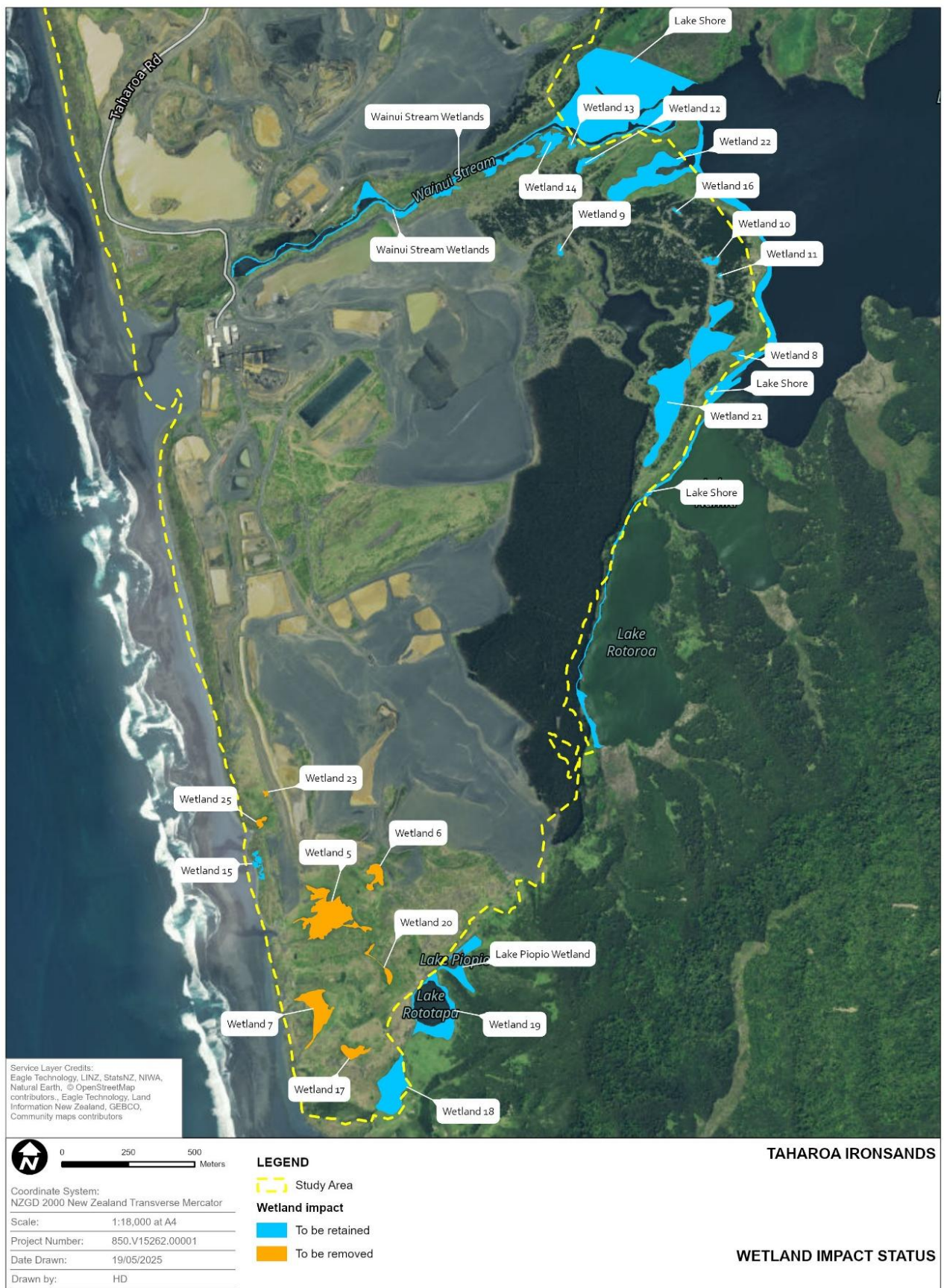


Figure 1

Advice notes

1. This resource consent does not give any right of access over private or public property. Arrangements for access must be made between the consent holder and the property owner.
2. This resource consent is transferable to another owner or occupier of the land concerned, upon application to Waikato Regional Council, on the same conditions and for the same use as originally granted (s.134-137 RMA). The transfer of water permits, including changes of location, may occur as provided for in Chapter 3.4 of the Waikato Regional Plan, subject to the requirements of those rules.
3. The Consent Holder may apply to change the conditions of the resource consent under s.127 RMA.
4. The reasonable costs incurred by Waikato Regional Council arising from supervision and monitoring of this/these consents will be charged to the consent holder. This may include but not be limited to routine inspection of the site by Waikato Regional Council officers or agents, liaison with the consent holder, responding to complaints or enquiries relating to the site, and review and assessment of compliance with the conditions of consents.
5. Note that pursuant to s332 of the RMA 1991, enforcement officers may at all reasonable times go onto the property that is the subject of this consent, for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
6. If you intend to replace this consent upon its expiry, please note that an application for a new consent made at least 6 months prior to this consent's expiry gives you the right to continue exercising this consent after it expires in the event that your application is not processed prior to this consent's expiry.
7. If at any time during the resource consent period, you no longer require your consent, it may be surrendered, in whole or part, by giving written notice of such to the consent authority. Alternatively, please contact Resource Use staff on 0800 800 402 and we can provide you with a surrender form. Note that the surrender takes formal effect when you receive a notice of acceptance of the surrender from the Council.

Resource Consent Certificate

Resource Consent Number: AUTH142035.17.01

File Number: 60 40 32A

Pursuant to the Resource Management Act 1991, the Waikato Regional Council hereby grants consent to:

Taharoa Ironsands Limited
PO Box 308
Wellington 6140

(hereinafter referred to as the Consent Holder)

Consent type: Land Use Consent

Consent subtype: Land Disturbance

Activity authorised: Undertake earthworks, discharge of sediment, and forestry harvesting in a red zone of Land Use Capability Class 8e land as per regulation 71 of the NES-CF.

Location: Taharoa Road - Taharoa

Map Reference: NZMS 260 R16:605-354

Consent duration: This consent will commence on the date of decision notification and expire on xxxx

Consent Lapse: This consent will lapse on xxx

Subject to the conditions overleaf:

CONDITIONS

General

1. The forestry harvesting activity authorised by this resource consent must be undertaken in general accordance with the Harvest and Earthworks Management Plan ("HEMP") and any succeeding revisions required by condition 4 or as a result of material changes to the current certified HEMP.
2. A copy of this consent must be kept on site at all times that physical works authorised by this consent are being undertaken and must be produced without unreasonable delay upon request from an officer of the Waikato Regional Council.
3. The Consent Holder must be responsible for all contracted operations related to the exercise of this resource consent and must ensure contractors are made aware of the conditions of this resource consent and ensure compliance with those conditions.
4. A copy of the HMP, including any certified amendments, must be kept on site and must be updated within five (5) working days of any amendments being certified.

Pre-Start

5. A minimum of five (5) working days before works are to begin, the Consent Holder must inform Waikato Regional Council via email about when works are to begin.
6. The Consent Holder must appoint a representative prior to the exercise of this resource consent who must be the Waikato Regional Council's principal contact person regarding matters relating to this resource consent. The Consent Holder must inform the Waikato Regional Council of the representative's name and how they can be contacted, prior to this resource consent being exercised. Should that person change during the term of this resource consent, the Consent Holder must immediately inform the Waikato Regional Council and must also give written notice to the Waikato Region Council of the new representative's name and how they can be contacted.

Machinery

7. The Consent Holder must ensure that all machinery used in the exercising of this consent are cleaned prior to being transported to/from the Forest to ensure that all seed and/or plant matter has been removed and documented in accordance with the National Pest Control Agencies A series, best practice (Code A16) guidelines any subsequent updates or replacements.
8. All machinery used in the exercising of this consent must be operated in a manner which ensures that spillage of fuel, oil and similar contaminants are prevented, particularly during refuelling and machinery servicing and maintenance. Refuelling and lubrication activities must be carried out away from any water body such that any spillage can be contained so that it does not enter natural waters.

Operational Conditions

9. Landings and designated slash storage areas must be located on stable land. Slash piles must be managed to remain stable and avoid the collapse of a slash pile or the ground under the slash pile.
10. The Consent Holder must ensure slash is not deposited into a waterbody or onto land that would be covered by water during a 5% Annual Exceedance Probability (AEP) event, unless to do so would be unsafe, to avoid or subsequently remediate:
 - (a) Blocking or damming of a waterbody;
 - (b) Eroding river banks;

- (c) Significant adverse effects on aquatic life;
 - (d) Damaging downstream infrastructure, property, or receiving environments
11. In any instance where sound wood from harvesting that has a length of over 2 metres and a large end diameter of over 10cm is left on red zone land in volumes greater than 15m³/ha, the Consent Holder must document the spatial extent and assess the scale of potential hazard risk and if required, associated mitigation options. This documentation is to be submitted to Waikato Regional Council annually.

Advice Note: Sound wood is defined as wood that can be safely lifted using harvesting equipment and transferred to a landing without degrading or breaking up.

12. The Consent Holder must ensure that sediment losses to natural water arising from the exercise of this resource consent are minimised, and that after reasonable mixing, does not give rise to any of the following effects on receiving waters:
- (a) Any conspicuous change in colour or visual clarity;
 - (b) The rendering of fresh water unsuitable for consumption by farm animals;
 - (c) Any significant adverse effect on aquatic life;
 - (d) The diversion or damming of any water body;
 - (e) Degradation of the aquatic habitat, riparian zone, freshwater body, or coastal environment; or
 - (f) Damage to downstream infrastructure and properties.

Advice Note: Erosion and sediment control measures must be established and maintained in accordance with the Forest Practice Guides 'Erosion and Sediment Control Measures' (version 2.0, January 2020) and subsequent updates or replacements, and the certified operational plans.

13. The Consent Holder must ensure that stormwater is diverted and discharged away from slash pile storage areas as outlined in the HMP.

Bat Effects Management

14. Bat Roost Protocols as published by the Department of Conservation shall be adhered to for the removal of any vegetation >15cm diameter at breast height, that may offer the potential for bat roosting. Specifically, this shall involve:
- (a) Removal of any vegetation and/or trees that are identified as potential bat roosts by a suitably qualified ecologist must be completed in accordance with and implementation of the "DOC Protocols for minimising the risk of felling occupied bat roosts", Version 2 - October 2024, or a more recent version. This will be achieved through acoustic surveys, direct observation of trees prior to their removal, and/or by managing the time (month) of removal.
 - (b) For any potential bat roost trees, clearance shall occur between October 1st and April 30th, inclusive, when bats are more active and bat roosts are more likely to be detected if present. Limitations with respect to suitable weather conditions as detailed in the DOC protocols also apply.
 - (c) Pre-felling acoustic monitoring and/or climbing inspections of trees will be required for the removal of any potential bat roost trees to ensure no bats are occupying trees prior to felling.
 - (d) Any living bat/s found during or after tree removal that are not able to fly away unassisted shall be taken to a vet immediately for assessment. Specific protocols shall be followed for handling and transporting injured bat/s in accordance with best practice methodologies.
15. Any lighting required as part of harvesting operations shall, as far as practicable (whilst ensuring compliance with workplace health and safety requirements) incorporate the following requirements:

- (a) Lighting shall be used for the minimum period of time necessary.
- (b) Lighting of the minimum required intensity shall be used.
- (c) Only the object or area intended shall be illuminated – keep lights close to the ground, directed and shielded to avoid light spill.
- (d) Use lights with reduced or filtered blue, violet and ultra-violet wavelengths.

Review

16. At any time during the period July through September inclusive each year, the Waikato Regional Council may, following service of notice on the Consent Holder, commence a review of the conditions of this consent pursuant to section 128(1) of the Resource Management Act 1991 for the following purposes:
- (a) to review the effectiveness of the conditions of these resource consents in avoiding or
 - (b) mitigating any adverse effects on the environment and if necessary to avoid, remedy or
 - (c) mitigate such effects by way of further or amended conditions; and/or
 - (d) if necessary and appropriate, to require the holder of this resource consent to adopt the best practicable option to remove or reduce adverse effects on the surrounding environment, and/or
 - (e) to review the adequacy of monitoring undertaken by the consent holder

Administration

17. The Consent Holder must pay to the Waikato Regional Council an administrative charge fixed in accordance with section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with the regulations made under section 360 of the Resource Management Act 1991.

Schedule 1: General Conditions

Resource consents AUTH142035.01.01, AUTH142035.02.01, AUTH142035.03.01, AUTH142035.05.01, AUTH142035.06.01, AUTH142035.07.01, AUTH142035.08.01, AUTH142035.09.01, AUTH142035.11.01, AUTH142035.12.01, AUTH142035.13.01, AUTH142035.14.01, AUTH142035.15.01, AUTH142035.16.01 and AUTH142035.17.01 (collectively referred to in this Schedule as “**the Consents**”) are subject to the following General Conditions that shall apply to each individual consent. Where there may be differences or apparent conflict between the General Conditions and conditions contained in the individual consents contained within this suite, the conditions contained in the respective individual consents shall prevail.

Reference in these General Conditions to “Waikato Regional Council” in relation to written approval or certification of any matter, or the forming of an opinion for the purpose of compliance where a judgment is required, shall mean the Chief Executive Officer of the Waikato Regional Council or their delegate.

Waikato Regional Council written approval or certification shall be limited to documents or management plans (or parts thereof) prepared under the Resource Management Act 1991, and shall not apply to documents or management plans that are the subject of approval under other legislation.

Where any of the conditions refer to a written approval or certification required from the Waikato Regional Council, the following process will be followed:

- (a) The Consent Holder must submit a request for approval in writing:
 - (i) setting out what approval is sought and under what consent number and condition; and
 - (ii) detailing how the outcome is consistent with the relevant condition(s) of the consent.
- (b) In giving or withholding its approval, Waikato Regional Council will be limited to a technical assessment that sufficient information has been provided to demonstrate that the matter for which approval has been requested meets the requirements of the relevant condition including any required environmental outcome.

General

1. The activities that are the subject of the Consents shall be carried out in general accordance with the “Taharoa Ironsands Mine Central and Southern Blocks – Substantive Application” dated October 2025” prepared by Tonkin & Taylor Ltd except where otherwise identified in subsequent conditions of the Consents. Should the application documents and conditions be in conflict then the conditions of these consents shall prevail.
2. The Management Plans that must be prepared in accordance with these conditions must be prepared generally in accordance with any draft management plans enclosed to the Substantive Application.
3. The Consent Holder must ensure that all areas, structures and activities authorised by the Consents are constructed and managed in accordance with current and accepted engineering practices.
4. The Consent Holder must ensure that whenever relevant, all staff and contractors are made aware of the conditions of this resource consent and ensure compliance with those conditions.

Complaints Register

5. The Consent Holder must maintain and keep a register of complaints that the Applicant has reasonable knowledge of) regarding all aspects of operations at the site related to the exercise of the Consents (including within the Coastal Marine Area), received by the Consent Holder.
6. Upon receiving a direct complaint, the Consent Holder must acknowledge the complaint and record the complaint in the register:

- (a) the date, time and duration of the event that has resulted in a complaint;
 - (b) the location of the complainant when the event (if possible, specify nature of incident) was detected;
 - (c) the possible cause of the event;
 - (d) the weather conditions and wind direction at the site when the event allegedly occurred;
 - (e) any corrective action undertaken by the Consent Holder in response to the complaint;
 - (f) where relevant, the steps to be taken in future to prevent recurrence of similar events; and
 - (g) any other relevant information.
7. The register must be available to the Waikato Regional Council at all reasonable times. Complaints received by the Consent Holder must be forwarded to the Waikato Regional Council in writing within 48 hours of the complaint being received.

Operation of Machinery

8. All machinery operated shall be operated in a manner which ensures that spillages of fuel, oil and similar contaminants are prevented as far as practicable from entering any perennial waterbody, particularly during refuelling and machinery servicing and maintenance. Refuelling and lubrication activities shall be carried out away from any water body such that any spillage can be contained so it does not enter stormwater drainage systems or surface watercourses.

Responsibility for Structural Integrity, Erosion Control and Maintenance

9. The Consent Holder shall be responsible for the design, structural integrity and maintenance of the sand mining areas, batters, overburden disposal areas, stockpiles, earthworks, tracking and any associated works within the site.
10. The Consent Holder shall be responsible for any erosion control works that become necessary to preserve the integrity and stability of the landscape and/or to control erosion as a result of the exercise of these resource consents and shall ensure that any effects on natural watercourses are minimised or remedied as soon as practicable.
11. The Consent Holder shall ensure that sediment losses to natural water arising from the exercise of these resource consents are minimised during any construction works and mining activity undertaken as part of these resource consents. To this end, appropriate sediment control practices shall be undertaken which are in general accordance with the document prepared by the Waikato Regional Council titled "Erosion and Sediment Control – Guidelines for Soil Disturbing Activities" dated January, 2009 (or as amended or replaced) unless agreed otherwise with Waikato Regional Council.
12. Any bare surfaces that result from mining activity shall be vegetated and/or recontoured in an appropriate manner consistent with the methodology and timeframes set out in the Site Rehabilitation Plan required pursuant to condition 20 of this Schedule and condition 9 of Resource Consent AUTH142035.01.01.

Environmental Management Plan

13. The Consent Holder shall manage its consented activities in accordance with an overarching Environmental Management Plan (**EMP**), prepared by a suitably qualified and experienced person with advice and input from technical experts who are suitably qualified and experienced in the relevant field of expertise. The objectives of the EMP are to:
- (a) avoid, remedy or mitigate the actual and/or potential adverse effects of mining operations at the site and once mining has concluded.
 - (b) set out the practices and procedures to be adopted to address the potential adverse effects of mining activities on ecological and indigenous biodiversity values at the site.

- (c) set out the practices and procedures to be adopted to ensure compliance with the conditions of consents held for activities in the Coastal Marine Area.

14. The EMP must include as a minimum:

- (a) Details regarding site roles and responsibilities relating to environmental management.
- (b) A risk register of effects being managed through the EMP.
- (c) An overview of the construction, implementation, operational, monitoring, maintenance and contingency procedures to be followed during mining activities on land and activities authorised in the Coastal Marine Area.
- (d) Identification and storage of hazardous substances kept on site, and measures for preventing and responding to spills on site including methodology for disposal of any contaminated materials.
- (e) Summaries of ecological and other baseline surveys undertaken on site, against which the results of future surveys can be assessed.
- (f) Measures for the protection of threatened species on land and within the Coastal Marine Area.
- (g) The component plans set out in condition 16-21 below. The component plans may be prepared as chapters of the EMP or be attached as Appendices to the EMP.
- (h) Plan review and reporting mechanisms, both overall and specific to each of the management plans that form a component of the EMP.
- (i) Performance measures, actions, methods, trigger levels and monitoring programmes designed to achieve the EMP objectives specified above including incorporation of matauranga Māori and cultural health indicators.

15. The Consent Holder shall consult the following parties, Department of Conservation, The Proprietors of Taharoa C Block Incorporated, Taharoa Lake Trustees, Te Ruunanga o Ngaati Mahuta ki te Hauaauro, Te Kooraha Marae, Aaruka Marae and the Waikato Regional Council, during the development and any material amendments of the EMP. The EMP must include a record of the consultation undertaken with these parties, including a summary of any comments received and the Consent Holder's responses.

Component chapters or plans

16. The Consent Holder must prepare a Natural Inland Wetland and Buffer Management Plan (NIWBMP), the objective of which is to avoid, minimize, or remedy the adverse effects of mining activity on the natural inland wetlands identified on and adjacent to the site, and to offset the adverse effects of the loss of natural inland wetlands on the site. The WOEMP shall include:

- (a) the methods for monitoring and reporting on the extent and health of the raupo and flax wetlands on the margins of Lake Taharoa adjoining the Taharoa C Block as required by condition 10 of AUTH142035.05.01.
- (b) identification of land to be included in the management of pests, a list of target pest species (which shall include at minimum rats, possums and mustelids), methods to achieve target species outcomes and a description of monitoring/surveillance proposed in accordance with standard accepted pest management practice; and
- (c) management actions to minimise, remedy, offset or compensate for the loss of natural inland wetlands – which shall include a requirement to establish and maintain a minimum of 8.3 ha of new wetland on the site (in form of creating entirely new wetland habitat or augmenting existing constructed wetland(s) to achieve the 8.3 ha requirement).
- (d) methods to minimise drawdown effects on retained wetlands in accordance with condition 6 of AUTH142035.18.01.
- (e) methods to ensure any machinery arriving from off-site is properly cleaned and decontaminated to reduce the chance of introducing pest plant propagules.

- (f) Details of the plant and tree species (which shall include but not be limited to manuka and kanuka) to be planted and/or maintained within the 30m buffer area from natural inland wetlands required by condition 7 of AUTH142035.01.01.

17. The Consent Holder must prepare a Lake Level and Water Management Plan, the objective of which is to set out how the minimum lake level of RL 8.53m, as required by condition 7 of AUTH142035.05.01, will be complied with, how the residual flow in the Wainui Stream, set out in the relevant conditions of the Consents will be achieved, and measures to monitor and maintain the fish pass. The Lake Level & Water Management Plan shall at minimum include:

- (a) Details of how the residual flow in the Wainui Stream and in the fish pass will be monitored and maintained in accordance with the conditions of AUTH142035.03.01, including during periods of:
 - low flows;
 - Water abstraction for mining operations;
 - ship loading;
 - fish migration.
- (b) Details of the monitoring programme required in accordance with the conditions of AUTH142035.03.01 to ensure the ongoing effectiveness of the fish pass at providing passage for juvenile inanga, smelt, long-finned eel, short-finned eel and juvenile and adult eels and grey mullet.
- (c) Steps that can be taken to reduce TIL's water take if monitoring of the raupo and flax wetlands on the margins of Lake Taharoa (as described in the WOEMP) identifies adverse effects on the environment that need to be mitigated.
- (d) Other procedures to ensure that all consent condition requirements with regards to monitoring and measurement of the level of Lake Taharoa and any consequential actions are complied with.

18. The Consent Holder must prepare a dust management chapter, the objective of which is to avoid offensive or objectionable dust discharges and dust related effects from the mining operations on the site in accordance with the requirements of conditions 8 to 10 inclusive of AUTH142035.01.01. The dust management chapter must include:

- (a) A general description of the activities and main potential sources of dust emission;
- (b) A description of the dust mitigation mechanisms which will be deployed on site, including an inventory of relevant equipment, materials and relevant operating procedures, trigger levels for the implementation of dust suppression measures, an inventory of relevant equipment and materials, and contingency procedures;
- (c) A description of the staff training required, including areas relevant staff are to be trained in, mitigation methods to be used, frequency of training and where training records are to be kept; and
- (d) Monitoring procedures, including frequency and kind of monitoring to be undertaken to comply with condition 8 and 10 of AUTH142035.01.01, records to be kept and a process for review and reporting where required.

19. The Consent Holder must prepare an Erosion and Sediment Control chapter, the objective of which is to identify the processes which have a risk of causing erosion or stormwater runoff to sensitive habitats, and identify the management procedures and protocols for managing those potential effects. The Erosion and Sediment Control chapter shall at minimum include the following:

- (a) Procedures which will be followed to meet the conditions of the Consents relating to water discharge quality.
- (b) Construction, implementation, operational, monitoring, maintenance and contingency procedures and protocols to be followed to minimise sediment losses to natural water while conducting general mining activities including:
 - (i) earthworks,
 - (ii) tracking,

- (iii) haul road construction,
- (iv) overburden disposal,
- (v) vegetation removal, and
- (vi) diversions of stormwater and seepage (including that from rehabilitated areas).

- (c) Processes to be followed before holding ponds are constructed or utilised within 100m of the boundary with any residential properties. These processes will include undertaking groundwater monitoring using piezometers downgradient of any holdings ponds for a period of three months, or use of a quantitative groundwater model, in advance of utilising those holding ponds and will include triggers for ceasing use of those ponds.

20. The Consent Holder must prepare a Site Rehabilitation Plan, the objective of which is to set out the rehabilitation goals, targets and success criteria to be followed in order to achieve the future landforms and groundcovers detailed within the Conceptual Site Closure Plan (see condition 22 below) and comply with condition 9 of consent Auth142035.01.01, including:

- (a) The procedures for progressive interim and final rehabilitation.
 - (i) a schedule of native and exotic species to be used for interim and final rehabilitation;
 - (ii) details of the site preparation and plant establishment measures for proposed planting;
 - (iii) providing for habitat suitable for NZ pipit, bittern and long tailed bats;
 - (iv) procedures for the establishment of appropriate planting within the coastal setback (being a minimum of 100 metres landward of Mean High Water Springs); and
 - (v) details of areas proposed to be temporarily and permanently contoured, including as areas of open sand dunes.
- (b) A timeline for interim rehabilitation (including stabilisation using kikuyu or marram grass) of the areas within 100-200m of the Consent Area boundary once mining has been completed.
- (c) A description of permanent rehabilitation of completed mining areas in the Te Ake Ake mining cell in the north of the Central Block adjacent to the Mitiwai Stream, including methods that seek to provide visual screening of mining operations in the Central Block from the existing dwelling (as at commencement of the Consents) on the properties legally described as Taharoa A1C7A Block
- (d) Procedures for pest control and any post-closure measures.
- (e) Procedures to monitor and report to Waikato Regional Council on progress made in delivering the procedures and measures required by the Site Rehabilitation Plan
- (f) Input from a suitably qualified and experienced landscape architect, who shall advise on landform and groundcover, taking into account the requirements of the Conceptual Site Closure Plan. The Site Rehabilitation Plan shall include a summary of the landscape architects recommendations and how they have been incorporated into the Site Rehabilitation Plan.

21. The Consent Holder must prepare a Conceptual Site Closure Plan, the objective of which is to detail the future landforms and the nature and extent of groundcover following the conclusion of all mining activities. The Conceptual Site Closure Plan must:

- (a) Include a description of the intended future landforms and groundcovers across the Consent Area, taking into account historical landforms.
- (b) Include measures to protect existing Māori reserves and ensure access for customary cultural practices is not prevented in the long term.
- (c) Identify processes to confirm the fate of any structures and other mining infrastructure (e.g. whether it will be left in-situ, removed and whether any resource consents may be required).
- (d) Be prepared with input from a suitably qualified and experienced landscape architect, who shall advise on future landforms and groundcovers across the site, taking into account historical

landforms. The Conceptual Site Closure Plan shall include a summary of the landscape architects recommendations and how they have been incorporated into the Conceptual Site Closure Plan.

22. The EMP including its component plans shall be submitted to Waikato Regional Council for review and approval by the Waikato Regional Council, acting in a technical certification capacity, within twelve months of the commencement date of these consents.
23. Within 60 working days of receipt of the EMP for certification, the Waikato Regional Council shall notify the consent holder as to whether the EMP is certified. In the event that certification of the EMP is withheld, the Waikato Regional Council shall advise the consent holder of what matters are required to be addressed.
24. In the event of any dispute, disagreement or inaction arising in respect of the certification of the EMP or changes to it, the matter shall be referred in the first instance to an appropriate Consent Holder representative and the WRC Chief Executive to determine a process for resolution.
25. If a resolution cannot be agreed, then the matter may be referred to an independent appropriately qualified expert(s), agreeable to both parties, setting out the details of the matter to be referred for determination and the reasons the parties do not agree.
26. The independent appropriately qualified expert(s) shall be appointed within ten (10) working days of the Consent Holder or Waikato Regional Council giving notice of their intention to seek independent determination. The appointed expert(s) shall, as soon as possible, issue their decision on the matter. In making the decision, the appointed expert(s) shall be entitled to seek further information and hear from the parties as they see fit.
27. The Consent Holder must implement and comply with the requirements of the certified EMP and its component plans, and any iterations of the EMP that may be certified in accordance with conditions 22-26 and 28 and 29.
28. The Consent Holder shall review the EMP including its component plans every 5 years from the date of commencement of this consent, within 6 months of any variation of conditions being granted and within 6 months of any decision to cease mining at the site. Any update of the EMP shall take into account:
 - (a) Any recommendations of the Waikato Regional Council.
 - (b) Any required actions or modifications to management practices identified as a result of monitoring under the Consents.
 - (c) Any changes required as a result of actions identified in an Annual Works Plan.
29. Any revision of the EMP including its component plans shall be submitted to the Waikato Regional Council for review and approval by the Waikato Regional Council, acting in a technical certification capacity. Within 48 hours of any certification or revision, the certified plan (or plans) will be made available on the website required by condition 42 below.
30. A copy of the latest version of the EMP shall be kept on site at all times and all key personnel shall be made aware of its contents.

Avi-Fauna Effects Management

31. Between 1 September – 31 January (inclusive), prior to vegetation clearance within wetland, grassland and shrubland habitat, a suitably qualified and experienced ecologist shall undertake surveys for wetland birds, NZ dotterels and NZ pipit. If a wetland bird, NZ dotterel or NZ pipit nest containing eggs or chicks is discovered, vegetation clearance is prohibited within 30 metres of the nest, until fledging occurs or as directed by a suitably qualified and experienced ecologist.

32. The Consent Holder shall prepare and implement an accidental discovery protocol for NZ dotterel and NZ pipit in consultation with a suitably qualified ecologist. The protocols shall include:
- (a) procedures for briefing relevant staff and contractors on how to identify NZ dotterel and NZ pipit and their nests; and
 - (b) requirements for halting work and establishment of appropriate buffer areas around discovered NZ dotterel and NZ pipit nests.
33. A copy of the NZ dotterel and NZ pipit accidental discovery protocol must be kept onsite at all times that physical works authorised by this consent are being undertaken.
34. The Consent Holder must ensure all contractors are made aware of and comply with the content of the NZ dotterel and NZ pipit accidental discovery protocol.
35. In the event of emergency pipeline repairs or emergency works within known or potential dotterel nesting habitat in the CMA, the consent holder shall implement the following measures to avoid or minimise impacts on nesting dotterels, to the extent feasible during an emergency response:
- (a) Establish a temporary exclusion zone of at least 30 metres around any identified nest, until fledging occurs or as directed by a suitably qualified and experienced ecologist.
 - (b) Implement the accidental discovery protocol for NZ dotterel and NZ pipit.

Communication

36. The Consent Holder shall convene consultation meetings to enable the stakeholders listed in condition 38 to provide feedback and comment on resource management matters relating to the operation of the mine. These meetings shall be convened at yearly intervals.
37. The Consent Holder shall provide a venue and shall prepare an agenda for each consultation meeting required by condition 36, which shall only address resource management matters, and include reporting and monitoring undertaken in accordance with the Consents in the period since the previous consultation meeting.
38. The Consent Holder shall invite the following groups to participate in the consultation meeting required by condition 36: Proprietors of Taharoa C Block Incorporated, Taharoa Lake Trustees, Te Ruunanga o Ngaati Mahuta ki te Hauaaauru, Te Kooraha Marae, Aaruka Marae, John David Keepa Kupa Whaanau Trust, Te Huia Pihopa Trust, Roy Wetini Whaanau Trust, Tukotahi Tutaeo Whaanau Trust and the Department of Conservation. One representative from each group may attend each consultation meeting.
39. The Consent Holder shall prepare minutes relating to each consultation meeting required by condition 36, recording attendance, main topics of discussion and any outcomes, and these shall be forwarded to the Waikato Regional Council within 20 working days of any meeting.
40. The Consent Holder must maintain and keep a register of all consultation undertaken with external parties, during the term of these consents. The register shall include at least the following:
- (a) the name and/or organisation of the party consulted;
 - (b) the subject matter of the consultation;
 - (c) the date and time of the consultation; and
 - (d) a record of the key points discussed during the consultation and any actions arising.
41. The consultation register must be available to the Waikato Regional Council at all reasonable times and an annual summary of the consultation register shall be provided to Waikato Regional Council.

42. The Consent Holder shall establish a public website which is to include the following (subject to commercial sensitivity constraints as applicable):

- (a) The current Annual Works Plan;
- (b) The certified Environmental Management Plan for the site;
- (c) Annual monitoring reports;
- (d) Details and records of monthly water abstracted from the Wainui Stream;
- (e) Details and records of monthly stormwater discharged into the Tasman Sea;
- (f) Monthly water levels in Lake Taharoa and rainfall data;
- (g) Dust monitoring data.

Annual Works Plan

43. The Consent Holder shall, before the final day of May each year, provide Waikato Regional Council with an Annual Works Plan which shall, in relation to the next 12 months, document the following information:

- (a) Map the areas to be mined;
- (b) Map the areas to be rehabilitated/stabilised;
- (c) Specify the nature of the proposed rehabilitation including the contour (heights and shape), vegetation cover, and maintenance of plantings;
- (d) Describe any significant maintenance activities;
- (e) Describe any proposed works, including maintenance works which have been carried out such as the maintenance of the pipelines and mooring buoy in the Coastal Marine Area; and
- (f) Describe any operational changes or improvements to be implemented;

Annual Monitoring Report

44. The Consent Holder shall prepare and submit to the Waikato Regional Council an Annual Monitoring Report by 1 August each year that the consent is current. The monitoring period to be included in each report shall be for the 12-month period ending 30 June. A copy shall also be provided to the Department of Conservation, the Proprietors of Taharoa C Block Incorporated, Taharoa Lake Trustees, Te Ruunanga o Ngaati Mahuta ki te Hauaauru, Te Kooraha Marae, Aaruka Marae, and the Waikato Regional Council.

45. As a minimum the Annual Monitoring Report shall:

- (a) Detail all environmental monitoring undertaken.
- (b) Summarise all the data and information required to be collected by these consents. This should include graphical presentation, statistical summations of monitoring data and critical analysis of the information in terms of compliance and environmental effects.
- (c) Highlight and discuss any significant environmental results or trends.
- (d) Detail rehabilitation works undertaken in the previous 12-month period as well as proposed rehabilitation works for the following 12-month period.
- (e) Set out any reasons for non-compliance or difficulties in achieving compliance with the conditions of the Consents and measures adopted to rectify problems.
- (f) List any works that have been undertaken to improve the environmental performance of the site or that are proposed to be undertaken in the up-coming year.
- (g) If necessary, recommend alterations to the monitoring required, including review of the monitoring site locations and recommended changes (if any) that would result in improved environmental performance.
- (h) Review the mining operations in light of monitoring results to identify any changes in the operation that would result in improved environmental performance.

- (i) Report on and discuss any complaints received regarding the operation of the site.
- (j) Report on and discuss feedback received from any consultation meetings held with interested parties.
- (k) Include any other matters or findings considered important by the Consent Holder.

Bond

46. Throughout the duration of the Consents, a rehabilitation bond shall be provided by or on behalf of the Consent Holder and maintained in favour of the Waikato Regional Council to:
- (a) Secure compliance with the conditions of this consent relating to on-going rehabilitation and closure of the Central and Southern Blocks of the Mine;
 - (b) Ensure the completion of rehabilitation and closure in accordance with the approved Site Rehabilitation Plan and final Site Closure Plan ;
 - (c) Enable the Council to undertake monitoring of any adverse effect on the environment that may arise from the exercise of the consent until completion of closure of the site.
47. The rehabilitation bond may be a cash bond or a guarantee provided by a bank or other party on behalf of the Consent Holder, and shall, subject to these conditions, be on the terms and conditions required by the Council.
48. Unless the rehabilitation bond is a cash bond, the performance of all of the conditions of the bond shall be guaranteed by a bank or other guarantor acceptable to the Council. The guarantor shall bind itself to pay for the carrying out and completion of the requirements set out in condition 46 in the event of any default of the Consent Holder.
49. Within four months of the commencement of the Consent, the Consent Holder shall provide a report to Council recommending the bond amount including:
- (a) A breakdown of estimated costs (and any contingencies) to complete rehabilitation, in accordance with
 - i. the conditions of the Consents, of any areas that as at the date of the report, have been disturbed and are due to be rehabilitated; and
 - ii. are proposed to be disturbed in the following three-year period.
 - (b) A breakdown of estimated costs to complete site closure in accordance with the conditions of the Consents, following rehabilitation of the areas proposed in accordance with condition 49(a);
 - (c) A breakdown of the estimated costs of monitoring, in accordance with the conditions of the Consents, until site closure has been completed (assuming that is to take place subsequently to rehabilitation being completed in accordance with condition 49(a);
 - (d) A description of the methodology used in the above estimates, consistent with condition 52 below;
 - (e) Any supporting information, including from the Site Rehabilitation Plan and Conceptual Site Closure Plan; and
 - (f) Any other information that the Consent Holder considers relevant to fixing the amount of the rehabilitation bond.
50. The amount of the rehabilitation bond shall be fixed by the Council within four months of receiving the report required by condition 49. The amount of the bond must be reasonable and not overly onerous. In fixing the bond, the Council shall take into account that report, any other matters submitted by the Consent Holder, the Consent conditions, the Site Rehabilitation Plan and Conceptual Site Closure Plan and any other matters which are relevant to the determination of the amount.
51. The amount of the bond may be reviewed every three years from the date that the previous bond is fixed by the Council and shall commence on the issuing of a notice by WRC to provide the report required by condition 49.

52. The amount of the bond must be set to achieve the purposes set out in condition 46 of this Schedule above and be based on the following principles:
- (a) The estimated costs (including any contingencies necessary) of rehabilitation and site closure in accordance with the conditions of this consent shall be based on the area disturbed or proposed to be disturbed over the following three years, to reflect that the bulk of the rehabilitation costs depend on the size of an open pit (and the associated costs to in-fill, stabilise, contour and undertake any planned planting);
 - (b) The bond shall take into account the availability of on-site material (e.g. tailings and sand) that reduce the need for imported fill or rehabilitation materials;
 - (c) Where possible, costs shall be based on recent actual costs incurred by the Consent Holder;
 - (d) The bond shall include any further sum which the Council consider necessary to secure compliance with the rehabilitation and site closure conditions of the Consents; and
 - (e) The estimated costs of monitoring, in accordance with the monitoring conditions of this Consent, to the completion of site closure.
53. Should the Consent Holder dispute any aspect of the bond fixed by the Council:
- (a) The Consent Holder shall, within two weeks of receipt of the Council's notification of the Bond, provide the Council with a written notice (**Dispute Notice**) that:
 - (i) outlines the aspect(s) of the bond that the Consent Holder disputes; and
 - (ii) refers the matter to mediation.
 - (b) The parties shall use their best endeavours to agree on a mediator within one week of the Council receiving the notice Dispute Notice. If the parties cannot agree, a mediator shall be appointed by the President of the Arbitrators' and Mediators' Institute of New Zealand. The parties shall bear the mediator's fees equally.
 - (c) If the dispute is not resolved through mediation within 90 days of the mediator's appointment (or such longer period as the parties may agree) the Consent Holder shall refer the dispute to arbitration by providing written notice (**Arbitration Notice**). The arbitration shall be conducted in accordance with the provisions of the Arbitration Act 1996. If the parties cannot agree upon an arbitrator within a week of the Council receiving the Arbitration Notice from the Consent Holder, then an arbitrator shall be appointed by the Arbitrators' and Mediators' Institute of New Zealand. Such arbitrator shall give an award in writing within 30 days after his or her appointment, unless the Consent Holder and the Council agree that time shall be extended. The parties shall bear their own costs in relation to the arbitration and bear the arbitrator's fees equally.
54. Pending the outcome of the dispute resolution process in Condition 53 above and subject to Condition 55 below, the existing bond shall continue in force. That sum shall be adjusted in accordance with any agreement reached at mediation or arbitral award granted.
55. If, for any reason other than default of the Council, the decision of the arbitrator is not made available by the 30th day referred to above, then the amount of the bond shall be the sum previously fixed by the Council in relation to the Central and Southern blocks of the Mine, until such time as the arbitrator does make his/her decision. At that stage the new amount shall apply.
56. The bond may be varied, cancelled, or renewed at any other time by agreement between the Consent Holder and the Council provided that cancellation will not be agreed to unless a further or new bond

acceptable to the Council is available to replace immediately that which is to be cancelled (subject however to the condition below as to release of the rehabilitation bond on the completion of closure of the site to the Council' satisfaction).

57. The Council shall release the bond on the completion of closure of the site.
58. "Completion of closure of the site" means when the elements of the entire project have been demonstrated by the Consent Holder to the satisfaction of the Council to have reached a stable, self-sustaining, rehabilitated state as anticipated in the final Site Closure Plan and any water discharging from the site, and any ground water under and around the site, will be of a quality such that it will not adversely affect aquatic life, or other users of the water resource as defined by the approved Site Rehabilitation Plan.
59. All costs relating to the rehabilitation bond shall be paid by the Consent Holder, excluding any costs incurred by the Council in obtaining independent advice in relation to the calculation of the bond, or the costs of arbitration (which shall lie where they fall).
60. The Consent Holder will make the necessary changes for the existing bond provided by the Consent Holder in respect of the Central and Southern Blocks of the Mine under consents 100899 – 100910, 111002, 122562 - 122567, to remain in place and secure performance with the requirements of condition 46 until a new rehabilitation bond is fixed in accordance with the above conditions. The Consent Holder shall make the necessary changes to the existing bond within two months of the commencement of the Consents.

Review

61. During the six-month period following 1 January 2027 and in the same period every five years thereafter, the Waikato Regional Council may serve notice on the Consent Holder under section 128 (1) of the Resource Management Act 1991, of its intention to review the conditions of the Consents for any of the following purposes:
- (a) To review the effectiveness of the conditions of the Consents in avoiding or mitigating any adverse effects on the environment and if necessary to avoid, remedy or mitigate such effects by way of further or amended conditions;
 - (b) If necessary and appropriate, to require the holder of this resource consent to adopt the best practicable option to remove or reduce adverse effects on the surrounding environment due to the discharge of groundwater and/or stormwater to surface water;
 - (c) To review the performance of the Wainui Stream fish pass and any current or required mitigation measures relating to the fish pass;
 - (d) To review the adequacy of and the necessity for monitoring undertaken by the Consent Holder in light of previous monitoring and/or changes in site operations;
 - (e) To review the consistency of conditions of this consent with future changes to any National Environmental Standard, National Policy Statement, or change to the Waikato Regional Policy Statement, Waikato Regional Plan or Waikato Regional Coastal Plan and, if necessary, to address any inconsistency of the conditions of this consent by way of further or amended conditions.

Advice Note: Costs associated with any review of the conditions of this resource consent will be recovered from the Consent Holder in accordance with the provisions of section 36 of the Resource Management Act 1991.

Administrative

62. The Consent Holder shall pay to the Waikato Regional Council any administrative charge fixed in accordance with section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under section 360 of the Resource Management Act.

Transitional Provisions

63. Where the conditions of resource consents AUTH142035.01.01, AUTH142035.02.01, AUTH142035.03.01, AUTH142035.05.01, AUTH142035.06.01, AUTH142035.07.01, AUTH142035.08.01, AUTH142035.09.01, AUTH142035.11.01, AUTH142035.12.01, AUTH142035.13.01, AUTH142035.14.01, and AUTH142035.15.01 require new or revised/updated management plans to be submitted to Waikato Regional Council for certification and thereafter be implemented, the Consent Holder shall continue to undertake mining and ship loading activity under the provisions of the Management Plans in place at the date of commencement of these consents until such time as the new management plans are certified by Waikato Regional Council.
64. Where the conditions of resource consents AUTH142035.01.01, AUTH142035.02.01, AUTH142035.03.01, AUTH142035.05.01, AUTH142035.06.01, AUTH142035.07.01, AUTH142035.08.01, AUTH142035.09.01, AUTH142035.11.01, AUTH142035.12.01, and AUTH142035.13.01, AUTH142035.14.01, and AUTH142035.15.01 require new physical works to be undertaken or existing works ceased in any particular location, or new/altered equipment to be installed at the site, the Consent Holder shall (where the consent conditions do not specify a compliance timeframe) ensure that such new works are undertaken, existing works ceased or equipment installed/altered as soon as reasonably practicable after the commencement date of these consents, and in any event not longer than 3 years after the commencement of these consents.

Schedule 2: Common Coastal Marine Area (CMA) Conditions

Resource consents AUTH142035.09.01, AUTH142035.11.01, AUTH142035.12.01 and AUTH142035.13.01 (**Consents**) are subject to the following conditions, which shall apply to each individual consent. Where there are differences or apparent conflict between the following Common CMA Conditions and conditions contained in either the individual consents listed above, the conditions contained in the respective individual consents shall prevail.

Reference in these Common CMA Conditions to “Waikato Regional Council” shall mean the Chief Executive Officer of the Waikato Regional Council or their delegate.

Notification

1. The Consent Holder shall ensure that the Hydrographic Office of Land Information New Zealand and Maritime New Zealand has written notice of the location of the structures authorised by the Consents within three months of the commencement of the Consents to which this schedule relates.

Environmental Protection

2. The Consent Holder shall be responsible for implementing the best practicable option so as to minimise damage to the foreshore, seabed and surrounding environment from activities authorised by this condition.

Archaeological Discovery

3. In the event that taonga are discovered when undertaking activities authorised by the Consents, the Consent Holder shall:
 - (a) immediately cease works in the vicinity of the discovery;
 - (b) immediately secure the area in a manner to ensure that the material remains untouched;
 - (c) contact local kaumatua nominated by Taharoa C as soon as possible and within 24 hours to confirm the discovery; and
 - (d) notify Heritage New Zealand/Pouhere Taonga within 48 hours.
4. In the event that koiwi or archaeological remains are discovered during vegetation clearance, overburden removal or other mining operations, the Consent Holder shall:
 - (a) immediately cease works in the vicinity of the discovery.
 - (b) immediately secure the area in a manner to ensure that the material remains untouched.
 - (c) contact local kaumatua nominated by Taharoa C and the Police as soon as possible and within 24 hours to confirm the discovery;
 - (d) arrange for a Police Pathologist to assess the koiwi or remains to confirm their origin;
 - (e) if koiwi are found, notify the Waikato Regional Council, nominated kaumatua, and Heritage New Zealand/Pouhere Taonga within 48 hours.
 - (f) provide an opportunity for the nominated kaumatua to undertake a karakia or other cultural activity as is appropriate.

Structural Integrity

5. The Consent Holder shall ensure that all structures authorised by resource consents AUTH142035.09.01 and AUTH142035.11.01 are constructed and maintained in accordance with current and accepted engineering practices.

6. The Consent Holder shall maintain all structures in the Coastal Marine Area authorised by these consents so that where practicable no part of the structures is lost (e.g. breaks loose due to water, wind or wave action) or results in a navigational hazard. Any material that is lost from the structures shall, as soon as possible, be retrieved by the Consent Holder. Should the material lost be a hazard to navigation, Maritime New Zealand and Waikato Regional Council shall be immediately informed.
7. The Consent Holder shall be responsible for the structural integrity and maintenance of the structures and for any works that become necessary to preserve the integrity and stability of the structures and/or to control erosion as a result of the exercise of this resource consent.

Advice Note: Additional resource consent may be required as a result of the need to undertake further works. Any such consent shall be obtained by the Consent Holder at their sole expense prior to any works being undertaken.

Operation of Machinery

8. All machinery shall be operated in a manner that ensures that spillages of fuel, oil and similar contaminants are prevented, particularly during refuelling and machinery servicing and maintenance. Where practicable, refuelling and lubrication activities shall be carried out away from any water body such that any spillage can be contained so it does not enter the Coastal Marine Area or any waterway. For lubrication activities taking place at the buoy, these shall be carried out in such a way as to minimise any spillage into the Coastal Marine Area.

Memorandum: Bond Condition for Taharoa Ironsands Limited Central and Southern Blocks Fast-track Project

MEMO

To Expert Panel considering the Central and Southern Block Mining Project

From MinterEllisonRuddWatts

Matter Taharoa Ironsands – Central and Southern Block Mining Project

Date October 2025

Subject: Environmental bond for the Central and Southern Block Mining Project

1. Introduction

- 1.1 We act for Taharoa Ironsands Limited (**TIL**). TIL has applied for a range of resource consents as part of its substantive application for the Central and Southern Blocks Mining Project under the Fast-track Approvals Act 2024 (**FTAA**). The purpose of the resource consents is to enable existing ironsand mining operations within the Central and Southern Block of the Taharoa Ironsand mine (**Mine**) to continue and to support operations on other mining blocks.
- 1.2 Under section 108A of the Resource Management Act 1991 (**RMA**), an environmental bond may be imposed to secure the performance of any consent conditions, including those that apply after the expiry of a consent. The Expert Panel considering this Project may impose conditions on a resource consent in accordance with section 108 and 108A of the RMA,¹ provided that they are no more onerous than necessary to address the reason for which they are imposed and are consistent with the purposes and principles of the FTAA.²
- 1.3 TIL currently maintains a \$5 million bank bond with Waikato Regional Council (**WRC**) under its existing resource consents for the Central & Southern Blocks of the Mine. TIL also maintains three other bonds in respect of three other blocks of the Mine under separate resource consents (e.g. for the Eastern Block, Te Mania Extension, and Pit 1). All of the bonds secure compliance with the conditions of the relevant resource consents, particularly in relation to rehabilitation and site closure. However, they have all been calculated differently.
- 1.4 TIL does not consider that bonds are necessary. It is a commercially-astute and well-funded operator and will ensure that the conditions of consent, including those relating to rehabilitation and site closure are complied with. TIL's lease arrangements also impose obligations on TIL to ensure these outcomes.
- 1.5 However, it accepts that bond conditions are common practice for mining/excavation activities, and it has included a bond condition in its proposed resource consent conditions for its Fast-track application. In preparing the bond condition, TIL has been extremely conscious of ensuring that the wording is clear, reasonable and commercially certain.
- 1.6 The purpose of this memorandum is to:
 - (a) **Explain why a clear, reasonable and commercially certain bond condition is necessary and appropriate**, having regard to TIL's operational context, past consenting experience, and the principles and purpose of both the RMA and the FTAA; and
 - (b) **Propose a bond condition for consideration by the Panel**. This condition is a tailored version of WRC's standard approach which is designed to ensure the bond achieves the above requirements.

¹ Clause 18 of Schedule 2 of the FTAA.

² Section 83 of the FTAA.

2. **A clear, reasonable, and commercially certain bond condition is necessary and appropriate**
- 2.1 WRC typically imposes a standard bond condition, however, this condition lacks detail and critical elements such as a clear methodology for calculating the quantum of the bond, and clear criteria for the bond's assessment or reassessment.
- 2.2 In this instance, the Mine is unique, it has been operating for over 50 years and the operator, TIL, has a mining lease in place with the Māori landowners which requires the land to be left in a good state and condition at closure of the mine.
- 2.3 TIL is particularly concerned to ensure that the bond condition provides:
 - (a) **Commercial certainty:** If the methodology is unclear, this provides no commercial certainty that the bond amount which is imposed will be appropriate and reasonable and will not frustrate the consents, especially if WRC sets a figure that is disproportionate to the actual environmental risk. Without a fixed amount or fixed methodology, TIL cannot assess the financial implications of the consent.
 - (b) **Consistency and transparency:** If councils have wide discretion without clear guidelines, bond amounts may vary widely between similar projects and other parts of the Mine. WRC has applied varying approaches across similar blocks of the Mine, undermining predictability.
 - (c) **Delays:** Unclear bond terms could stop TIL's existing operation, especially if the bond must be negotiated or revised before the new consents can be implemented.
- 2.4 TIL has experienced difficulty in agreeing on the quantum of bonds with WRC in the past, which has given rise to these concerns. For example:
 - (a) In 2022 TIL obtained resource consents to mine two panels located on Part Taharoa A7J2, known as the Te Mania Extension, that cover approximately 8.8 hectares. Those consents were granted subject to WRC's standard bond condition (with some minor amendments).
 - (b) TIL opposed the calculation of the Te Mania Extension bond because WRC's bond quantum calculation was a magnitude of scale significantly higher than any of TIL's previous bonds. The Te Mania Extension bond:
 - (i) Included unrealistic rehabilitation costs, including the costs of transporting sand from elsewhere to rehabilitate the site, despite the fact that the whole site includes tailings and sand. WRC also overlooked the operational reality of TIL's mining practices, specifically its requirement to rehabilitate the site throughout the life of the resource consent.
 - (ii) Increased the rate of the bond nearly fivefold from previous bonds - WRC fixed the Te Mania Extension Bond at an amount that equated to approximately \$48,666 per hectare. This was a substantial and largely unexplained increase compared to the existing bonds for other areas of the mine, such as the Taharoa C Block Bond (\$5,404 per hectare) and the Eastern Block Bond (\$9,511 per hectare).
 - (iii) Showed that there no rhyme or reason to the calculations of bonds when fixing bonds to date.
 - (c) Ultimately, TIL agreed to take a pragmatic approach to WRC's bond quantum to enable mining to start. More recently WRC also imposed a 'round figure' \$250,000 bond on TIL's Pit 1 consent, which TIL agreed with WRC during processing of its resource consent application.
- 2.5 TIL is keen to ensure that clear bond conditions so that WRC and TIL have a clear framework to work with and an appropriate outcome is obtained from both parties' perspectives.

3. TIL has proposed a bond condition in its Application which is reasonable, proportionate and aligned with legislative principles

- 3.1 A bond condition, as with any resource consent condition, must be for a resource management purpose, fairly and reasonably relate to the activity, and be reasonable and proportionate in the circumstances.³ Under the FTAA, it must not be more onerous than necessary and must not frustrate the purpose of enabling efficient, regionally or nationally significant development.
- 3.2 TIL's proposed resource consent conditions for the Central and Southern Mining Block Project include a bond condition based on the WRC's standard bond condition, with necessary amendments to provide commercial certainty, ensure consistency and reasonableness, and to avoid disputes and associated delays about the quantum. In particular, amendments have been made to:
- (a) recognise the context of the Mine, including the resources available on site to aid in rehabilitation and site closure;
 - (b) recognise that TIL undertakes on-going rehabilitation as mining progresses by requiring the bond to be based on the area disturbed or proposed to be disturbed over the forthcoming three-year period. This reflects that the bulk of the rehabilitation costs depend on the size of an open pit;
 - (c) require the consent holder to provide the bond, but ensure it can be provided by someone else, on behalf of the consent holder. In this instance, the Māori landowner (The Proprietors of Taharoa C Block Incorporated) has agreed to provide the bond to reflect their 50-year ongoing partnership with the mine operator and their confidence in the operation of the mine; and
 - (d) provide the consent holder an opportunity to refer any disputes relating to the fixing of the bond to mediation, rather than immediately preceding to arbitration, and to ensure that legal arguments can be raised in arbitration (if required), rather than it being simply a calculation exercise.
- 3.3 The bond condition is reasonable and proportionate, and consistent with the FTAA because:
- (a) It includes clear methodology for calculating the bond, in the form of principles to be considered. This is to ensure that the quantum of the bond is reasonable and does not frustrate the consent.
 - (b) It includes a transitional provision which recognises that the Mine is already operating, and it should be able to continue operating while any new bond quantum is assessed.
 - (c) It ensures the bond is not reassessed too frequently, adding an unreasonable layer of administrative burden for both the consent holder and WRC.
 - (d) It clarifies that the purpose of the bond is to secure compliance with rehabilitation conditions that arise after mining activities have ceased and to complete closure of the mine (where WRC will logically consider that the risk of non-performance and a requirement for the Council to step in is greatest).

4. Conclusion

- 4.1 TIL supports the imposition of a clear, fair, and proportionate bond condition that aligns with the FTAA's purpose of enabling efficient development while safeguarding environmental outcomes and will ensure the Project can proceed in a manner that is both environmentally responsible and commercially viable.

MERW

³ The *Newbury* principles for validity of planning conditions as confirmed as applicable in New Zealand in *Housing New Zealand Limited v Waitakere City Council* [2001] NZRMA 202.