

PRELIMINARY MATTERS

1. Compliance with specified documents accompanying consent application

- a) The consent holder must carry out all activities included in the flood protection works for which consent has been granted in accordance with applicable requirements in the following documents that were provided in the application for consent:
 - i. *Pakowhai Flood Protection Improvements, Preliminary Design Report, November 2025, Job Number 1017353.2403 v1*~~*[consent authority to complete]*~~;
 - ii. ~~*[consent authority to complete]*~~;
 - iii. ~~*[consent authority to complete]*~~;
 - iv. ~~*[consent authority to complete]*~~;
- b) However, if there is a conflict between a condition imposed on the resource consent and a requirement in any document referred to in subclause (1), the imposed condition prevails.

1B. Tracking changes in the design process

Changes that occur between preliminary and detailed (final) design shall be recorded and reported on as part of a final design report. The final design report shall record the changes, outline the reasons for them and provide a view as to whether the changes are in accordance with documents referred to in Condition 1.

In this context, "in accordance with" means changes that do not introduce a new activity, do not introduce a substantial change in alignment, do not result in a change to outcomes sought under the conditions of this consent, and does not cause any material increase in consequential flooding effects to other properties.

The Final Design Report shall be provided to the Hawke's Bay Regional Council (Manager Compliance) prior to construction commencing.

2. Duration of resource consent

- a) The period for which this resource consent has been granted is *[consent authority to insert period that is not more than 5 years]* after the date of commencement of the consent.
- b) This resource consent lapses on *[consent authority to insert date that is no later than 2 years after date of commencement of consent]*.

3. Definitions

CEMP means the Construction Environment Management Plan required by condition 10 of this schedule

construction works—

- a) means activities that are authorised by this resource consent in connection with the flood protection works and that consist of directly constructing, reinstating, enhancing, or improving land or infrastructure; but

- b) does not include ancillary activities such as—
- i. preliminary activities such as planning, recruitment, site investigation, establishment of construction site, soil sampling; and
 - ii. subsequent activities such as site clean-up and ongoing maintenance of infrastructure, plant, and landscaping until the flood protection works are completed; and
 - iii. ongoing administrative and operational activities such as monitoring and reporting until the flood protection works are completed.

contaminated land means land to which the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011 apply (*see* regulation 5(1) of those regulations)

cultural indicator means an indicator of an identified cultural association in guidance referred to in condition 5 of this schedule

cultural monitors means the cultural monitors appointed by relevant Māori entities under condition 4(c) of this schedule

earthworks principles means the principles set out in condition 12 of this schedule

ecology principles means the principles set out in condition 26 of this schedule

erosion and sediment control device includes a bund and a gully trap fitted into a drain

Erosion and Sediment Control Manager means the person appointed under condition 13(a) of this schedule

ESCP means an erosion and sediment control plan prepared under condition 14 of this schedule

HBRC means Hawke's Bay Regional Council

HBRC Erosion and Sediment Guidelines means the *Hawke's Bay Regional Council Waterway Guidelines: Erosion and Sediment Control*, published by HBRC in April 2009

HBRC Pest Management Plan means the *Hawke's Bay Regional Council Regional Pest Management Plan 2018-2038*, published by HBRC in February 2023

HBRC River Control Code means the *Hawke's Bay Regional Council Environmental Code of Practice for River Control and Waterway Works*, published by HBRC in February 2017

HBRC Stormwater Management Guidelines means the *Hawke's Bay Regional Council Waterway Guidelines: Stormwater Management*, published by HBRC in May 2009

Manager Compliance means the person employed by HBRC as manager of compliance

Māori entity representative means a person appointed as a representative under condition 4 of this schedule

NZS 6803:1999 means New Zealand Standard 6803:1999: Acoustics—Construction noise, published by Standards New Zealand on 8 February 2000

OiC means the Severe Weather Emergency Recovery (Hawke's Bay Flood Protection Works) Order 2024

Project Ecologist means suitably qualified and experienced ecologist appointed by the consent holder

Engagement And Communications

4. Māori entities representatives

- a) The consent holder must invite each relevant Māori entity to appoint a representative to perform, with the representatives appointed by all other relevant Māori entities, the Māori entities representatives' roles and responsibilities set out in this schedule in relation to the flood protection works for which the consent has been granted.
- b) The consent holder must issue the invitations at least 20 days before the flood protection works begin.
- c) The relevant Māori entities may appoint a team of cultural monitors to
 - i. support the Māori entities representatives; ~~and~~
 - ii. provide advice to those preparing the Communications Plan, aspects of the CEMP referred to in condition 10(c)(iii) and Ecology Management Plan, and
 - iii. provide the consent holder with on-site guidance to enable effective management of impact on culturally significant land and other natural and physical resources that have cultural value.
- d) The consent holder must develop terms of reference for the role and responsibilities of the Māori entities representatives, including in relation to the following matters:
 - i. the appropriate number of representatives;
 - ii. the scope of the representatives' role and responsibilities;
 - iii. time frames for decisions, advice, and actions;
 - iv. support for the representatives;
 - v. remuneration for the representatives.
- e) In developing the terms of reference, the consent holder must—
 - i. convene discussions with all relevant Māori entities; and
 - ii. use its best endeavours to achieve consensus on all matters.
- f) If consensus on all matters is not achieved, the remaining matters must be determined—
 - i. by a majority vote; or
 - ii. if votes are tied, by the casting vote of the consent holder.

5. Guidance on Cultural indicators

- a) The guidance provided under condition 4(c)(ii) of this schedule must focus on indicators covering all identified traditional associations,—
 - i. including mahinga kai, cultural stream health, wāhi tapu, wāhi tūpuna, protocols, and heritage; and
 - ii. derived from identified cultural values and any cultural assessment conducted by the cultural monitors.
- b) The consent holder must, in preparing the Communications Plan, aspects of the CEMP referred to in condition 10(c)(iii) and Ecology Management Plan ~~all plans~~ required by these conditions;
 - i. take all applicable cultural indicators into account; and

- ii. report to the Māori entities representatives how those indicators have been taken into account.

6. Stakeholder advisory group

- a) The representatives appointed under subconditions (b) and (d) and the Māori entities representatives form the **stakeholder advisory group**.
- b) The consent holder must invite the following persons to appoint representatives to be members of the stakeholder advisory group:
 - i. the owners and occupiers of land on which the flood protection works are carried out (referred to as 'Footprint' in and all adjoining land Schedule 1):
 - ii. all persons listed in ~~who made comments under~~ clause 15(2)(a)(ii)-(vi) and (viii)-(x) of the OiC and any owner or occupier of land referred to as 'Footprint Adjoining' in Schedule 1 who made comments under clause 15 of the OiC:
 - iii. all network utility operators with network infrastructure or other facilities on the land on which the flood protection works are carried out or any adjoining land:
 - iv. the Manager Compliance:
 - v. Heritage New Zealand Pouhere Taonga:
 - vi. the Department of Conservation:
 - vii. the Māori entities representatives
- c) The consent holder must issue the invitations at least 20 days before the flood protection works begin.
- d) After the flood protection works begin, the consent holder may invite further persons or bodies to appoint representatives to the stakeholder advisory group.
- e) Each representative appointed must be authorised by the person or body appointing them to make decisions on behalf of the person or body in the consultations taking place in relation to the flood protection works.
- f) The consent holder must develop terms of reference for the role of the stakeholder advisory group, including in relation to the following:
 - i. frequency of meetings:
 - ii. processes and methods for the performance of the group's role.
- g) In developing the terms of reference, the consent holder must—
 - i. convene discussions with all members of the group; and
 - ii. use its best endeavours to achieve consensus on all matters at the group's first meeting.
- h) If consensus on all matters is not achieved at the first meeting, the remaining matters must be determined—
 - i. by a majority vote; or
 - ii. if votes are tied, by the casting vote of the consent holder.

7. Operation of stakeholder advisory group

- a) The role of the stakeholder advisory group is to inform and advise the consent holder about managing and monitoring the flood protection works.
- b) The consent holder must—
 - i. record all information and advice provided by the stakeholder advisory group; and
 - ii. report to the group how the information and advice have been taken into account in the carrying out of the flood protection works.

8. Project Engagement Lead

- a) The consent holder must appoint a person as Project Engagement Lead to act as the consent holder's main point of contact with—
 - i. the Māori entities representatives; and
 - ii. the stakeholder advisory group.
- b) The consent holder must ensure that the Project Engagement Lead is reasonably available to perform their role under this condition.
- c) The consent holder must also ensure that the contact details of the Project Engagement Lead are posted on an internet site maintained by or on behalf of the consent holder.

9. Communications plan

- a) The consent holder must, taking account of the advice provided by cultural monitors, develop and implement a communications plan for the duration of construction works.
- b) The communication plan must contain detailed processes for communications, throughout the construction works, with the following:
 - i. the general public;
 - ii. local residents and businesses;
 - iii. the Māori entities representatives;
 - iv. the persons and bodies represented by the stakeholder advisory group;
 - v. all other persons potentially affected by the construction works.
- c) The communications plan must include the following:
 - i. a description of the flood protection works or details of, or a link to, an internet site maintained by or on behalf of the consent holder that describes the construction works;
 - ii. the contact details of the Project Engagement Lead;
 - iii. a list of all persons and bodies who will be communicated with under the plan;
 - iv. how any comments or concerns about the construction works should be communicated by those persons and bodies;
 - v. details of proposed communication activities by the Project Engagement Lead, including notifications and other communications with any persons and bodies referred to in paragraph (iii);
 - vi. information about when the communications plan will be reviewed (and amended, if necessary).

- d) The consent holder must give to the Manager Compliance—
 - i. the initial communications plan at least **529 working days** before construction works begin; and
 - ii. any amended plan, as soon as practicable after the amendment.

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

10. Construction environmental management plan

- a) The consent holder must—
 - i. prepare a construction environmental management plan for the ~~flood protection-construction~~ works undertaken north of State Highway 2 and a separate construction environmental management plan for the construction works undertaken south of State Highway 2; and
 - ii. not less than **5 working days** before the commencement of each area of construction works ~~begin~~, submit the CEMP to the consent authority and the stakeholder advisory group.
- b) The level of detail and the measures proposed in the CEMP_s must correspond with the nature and scale of the ~~flood protection-construction~~ works.
- c) The CEMP_s must include the following information (in respect to the construction works and areas concerned):
 - i) the roles and responsibilities of construction management staff, including the Erosion and Sediment Control Manager:
 - ii) a description of the training and education programme for workers that will be implemented to ensure compliance with the conditions imposed on the resource consent:
 - iii) procedures, developed in partnership with the Māori Entity Representatives, for—
 - 1. obtaining ongoing guidance on cultural indicators provided by cultural monitors; and
 - 2. ongoing reporting to the Māori entities representatives on how the indicators in condition 5(a) have been taken into account, or if not, why not under condition 5(b)(ii) of this schedule:
 - iv) indicative timing of all stages of the flood protection works:
 - v) procedures for the management of hazards, including—
 - 1. any risk of flood; and
 - 2. the discharge of any contaminant (for example, chemicals or hydrocarbons); and
 - 3. working in the proximity of overhead powerlines:
 - vi) the location of laydown and material stockpile areas and arrangements for site access and on-site traffic management, including haulage routes, that respond to the matters outlined in Table 10 of the Traffic Impact Assessment – Pakowhai Stopbank, Hawkes Bay, 30 October 2025 prepared by East Cape Consulting Limited:

vii) procedures for managing public health and safety, including restrictions on public access to work sites and the river:

viii) A Contamination Site Management Plan responding to the matters identified in the Preliminary Site Investigation and Detailed Site Investigations prepared by T+T, and including, but not limited to:

1. Appropriate management of earthworks,
2. Hygiene controls.
3. PPE,
4. Dust management,
5. Stormwater controls,
6. Offsite disposal of soils,
7. Accidental discovery protocols.
8. Protocols associated with land disturbance and remediation of the identified fill sites at 1023 Links Road and 2008 Pakowhai Road (protocols associated with 1023 Links Road to be included in the CEMP pertaining to the construction works north of State Highway 2 and those associated with 2008 Pakowhai Road in the CEMP pertaining to the constructions work south of State Highway 2).

~~viii)~~ix) dust management measures (see condition 16 of this schedule):

~~ix)~~x) procedures for managing de-watering (including avoiding or minimising effects on adjacent buildings), groundwater or surface water takes, and diversions and discharges to land or water ~~(including the CMA)~~:

~~x)~~xi) contact details of at least 2 persons or bodies who respond to emergencies and who—

1. are contactable 24 hours a day, 7 days a week, throughout the flood protection works; and
2. have authority to authorise immediate response actions:

~~xi)~~xii) a detailed process for detecting, investigating, and recording incidents:

~~xii)~~xiii) details (including timing) of arrangements for reporting to the consent authority on the outcomes of, and compliance with, the CEMP:

~~xiii)~~xiv) any ESCP (see condition 14 of this schedule):

~~xiv)~~xv) how works in or adjacent to water bodies will be managed:

~~xv)~~xvi) how any river gravel extraction or land-based borrow sites will be managed:

~~xvi)~~xvii) how noise and vibration generated by the works will be managed:

~~xvii)~~xviii) ~~the landscaping plan (if any) prepared under condition 24 of this schedule:~~

~~xviii)~~ an outline of key procedures—

- ~~1. how potential adverse ecological effects of those works will be avoided, remedied, mitigated, or offset (using biodiversity offset); or~~
- ~~2. from the applicable ecology management plan prepared under condition 28 of this schedule affecting construction:~~

xix) details of how the ecology principles will guide environmental outcomes:

- xx) cultural and archaeological artefact discovery protocols [\(see clause 29 of this schedule\) or reference to an Authority where applicable:](#)
 - xxi) methods for responding to queries and complaints:
 - xxii) procedures for amending the CEMP under condition 11 of this schedule.
- d) The CEMP must, so far as is practicable, be consistent with the HBRC 'Environmental Code of Practice for River Control Works' (2017 or subsequent version).

11. Developing and amending CEMP

- a) Before finalising the CEMP, or any amendment to the CEMP under subcondition (e), the consent holder must invite the consent authority and the stakeholder advisory group to comment on the proposed CEMP or amendment within 10 working days.
- b) The consent holder must take account of any comments received by the persons invited when finalising the CEMP or the amendment.
- c) If the consent holder does not receive any comments within 10 working days after inviting them, the consent holder may finalise the CEMP or amendment.
- d) The consent holder must act in accordance with the CEMP for the duration of the flood protection works.
 - i. e) The consent holder must amend the CEMP if amendment is necessary to reflect any changes in design, construction methods, maintenance and operations methods, or procedures for managing adverse effects throughout the construction phase of the flood protection works.
- f) After amending the CEMP, the consent holder must give a copy of the amended CEMP (indicating the amendments) to the consent authority and the stakeholder advisory group within 10 working days.

EARTHWORKS

12. Earthworks principles

- a) The consent holder must carry out all works in a manner that—
 - i. minimises the volume, area, and duration of the proposed earthworks required through methodologies, including the design of batter slopes, appropriate to expected soil types and geology; and
 - ii. maximises the effectiveness of erosion and sediment control measures associated with earthworks by minimising potential for sediment generation and sediment yield; and
 - iii. avoids if practicable, or minimises so far as practicable, adverse effects on freshwater and marine water environments within or beyond the works boundary, with particular regard to reducing opportunities for the works to generate sediment; and
 - iv. avoids if practicable, or minimises so far as practicable, adverse effects on outstanding natural features, outstanding natural landscapes, and areas of

- outstanding natural character (as specified in a regional plan or policy statement for the relevant area); and
- v. avoids if practicable, or minimises so far as practicable, adverse effects on culturally significant land; and
 - vi. stabilises disturbed land as soon as reasonably practicable in accordance with an ESCP.
- b) The consent holder must, as far as practicable, ensure that earthworks are carried out in accordance with the ecology principles.

13. Erosion and Sediment Control Manager and staff

- a) The consent holder must appoint a suitably qualified and experienced person as the Erosion and Sediment Control Manager for the duration of the flood protection works.
- b) The role of the Erosion and Sediment Control Manager is to—
 - i. ensure compliance with the CEMP and ESCP; and
 - ii. subject to any amendments made to the ESCP under condition 14(c)(x) of this schedule, liaise with any Erosion and Sediment Control Manager appointed in respect of any other flood protection works; and
 - iii. liaise with the consent authority in respect of the implementation of the ESCP, including in respect of any incident relating to erosion and sediment control.
- c) An Erosion and Sediment Control Manager appointed under this condition may perform the same role in relation to any flood protection works at any other location specified in clause 6(3) of the OiC if the relevant consent holder considers it appropriate.
- d) The consent holder must also appoint suitably qualified and experienced staff to assist in erosion and sediment control, including—
 - i. managing the operation, maintenance, and monitoring of erosion and sediment control devices; and
 - ii. supervising the installation and decommissioning of those devices and associated equipment and arrangements.

14. Erosion and sediment control plan

- a) The consent holder must prepare 1 or more erosion and sediment control plans for the works to identify how the earthworks principles will be applied.
- b) The consent holder must engage a suitably qualified and experienced person to prepare an ESCP.
- c) An ESCP must specify the following matters:

General

- i. how the construction works will be carried out in accordance with the ecology principles:

- ii. structural and non-structural erosion and sediment control measures (including chemical treatment where necessary) to be in place before and during all construction works, including earthworks, coastal works, and works within watercourses:
- iii. key environmental risks, particularly in relation to topography, soil type and form, and the receiving environment, including proximity to any sensitive receivers (for example, watercourses):
- iv. procedures for ensuring advance warning of a rainfall event:
- v. procedures for decommissioning the erosion and sediment control measures:
- vi. procedures for determining the staging and sequencing of earthworks:
- vii. methods adopted, for the purpose of reducing sediment loss and erosion, to stabilise—
 - 1. any excavated area; and
 - 2. any watercourse bed; and
 - 3. any banks of a watercourse that have been disturbed by the works:
- viii. details of maintenance, including actions and frequency:
- ix. supporting information about the size of erosion and sediment control devices:
- x. methods for amending and updating the ESCP as required:

Erosion and Sediment Control Manager and Staff

- xi. the name and contact details of the Erosion and Sediment Control Manager:
- xii. the names and contact details of other staff appointed to assist with the management of erosion and sediment control (see condition 13(d) of this schedule):

Incident management

- xiii. the process for detecting, investigating, and recording, and for notifying the consent authority of, incidents that result in the discharge of contaminants or material into any watercourse due to the structural failure of any erosion and sediment control measures:

Monitoring

- xiv. procedures for—
 - 1. ongoing visual inspection, and where necessary quantitative monitoring, of all erosion and sediment control measures; and
 - 2. detailed analysis of trends in erosion and sediment control effectiveness and performance; and
 - 3. amendments to any ESCP resulting from the activities under subparagraphs (1) and (2):

Reporting to consent authority

- xv. details (including timing) of reporting to the consent authority on the outcomes of, and compliance with, the ESCP.
- d) The level of detail and the measures proposed in the ESCP must correspond to the nature and scale of the relevant works.
 - e) The ESCP must include a site-specific risk-based approach that allows for the Erosion and Sediment Control Manager to determine the level of information and design that must be provided for specific activities.

- f) For works in or adjacent to a watercourse, an ESCP must, so far as is practicable, be consistent with the HBRC Erosion and Sediment Guidelines.
- h) The consent holder must implement an ESCP for the duration of the flood protection works.
- i) The consent holder must, for the duration of the construction works
 - i. keep an ESCP; and
 - ii. make it readily available to the consent authority.

15. Failure of erosion and sediment control measure

- a) If the failure of an erosion and sediment control measure during flood protection works results in an uncontrolled release of sediment to surface water, the consent holder must—
 - i. as soon as reasonably practicable, engage the Project Ecologist to investigate the affected area; and
 - ii. immediately notify—
 - 1. the HBRC pollution officer (with responsibility for works in or near any affected water bodies); or
 - 2. the territorial authority pollution officer (with responsibility for land-based borrow sites); and
 - iii. within 7 days, report the incident to the Manager of Compliance.
- b) The Project Ecologist must investigate the affected area as soon as practicable.
- c) If the investigation identifies significant adverse effects, the consent holder, in consultation with the consent authority, must, as soon as practicable, develop and implement appropriate remedial measures (which may include biodiversity offsets) appropriate to the scale of the adverse effects.
- d) The report to the Manager Compliance under subcondition (a)(iii) must –
 - i. describe the control failure and its cause; and
 - ii. specify the steps that have so far been taken to
 - 1. control the released sediment and any resulting erosion; and
 - 2. prevent any recurrence of the control failure.

16. Dust management

- a) The consent holder must, as far as practicable, ensure that dust arising from construction works (including earthworks and related activities) does not spread beyond the boundary of the work sites.

17. Works on contaminated land

- a) This condition applies to 1023 Links Road and 2008 Pakowhai Road if the consent holder undertakes earthworks or any other soil disturbance on the identified fill sites. (contaminated land).

- b) The consent holder must ensure that any soil and other materials that are removed from the site and identified as being contaminated are taken to a facility legally authorised to receive soil and materials of that kind.
- c) The consent holder must take all practicable measures to—
 - i. prevent the discharge of soil and stormwater from contaminated land to watercourses; and
 - ~~ii. maintain the integrity of any structure designed to contain contaminated soil or other contaminated materials; and~~
 - ~~iii.~~ ii. replace the soil surface to an erosion-resistant state at the completion of the relevant works.

WATERCOURSES

18. Works and structures in beds of rivers

- a) This condition and conditions 19 and 20 of this schedule apply to all construction works carried out in, or adjacent to, the bed of a river.
- b) The consent holder must ensure that construction works are, so far as practicable, carried out in accordance with—
 - i. an applicable ESCP; and
 - ii. the ecology principles; and
 - iii. the earthworks principles; and
 - iv. any guidance provided under condition 4(c)(iii) of this schedule (*see* condition 5 of this schedule) relating to relevant cultural indicators.
- c) With the exception of the diversion / reclamation of the Tutaekuri-Waimate Stream (where fish passage matters are to be addressed through Condition 28), flood protection works that might affect fish passage in a river must, so far as practicable, be carried out outside peak times for migration and spawning of species of fish identified, in the Ecological Opportunities and Constraints Assessment dated October 2025, Job Number 1017353.2403 v2.0 scoping survey conducted under condition 27 of this schedule, as being present in the water body concerned. ~~river.~~
- d) Permanent works in or adjacent to the bed of a river that are completed as a part of the construction phase of the flood protection works (for example, sediment and debris removal, bank protection, and capacity increase) must—
 - i. be designed and installed in a way that is, so far as practicable, consistent with the ecology principles; and
 - ii. be designed by an engineer and an ecologist who are suitably qualified and experienced so as to provide for ongoing fish passage in the river; and
 - iii. manage stream loss, where threatened or at-risk species are present, in accordance with the effects management hierarchy; and
 - iv. provide for the maintenance of the river for flood management purposes.
- e) The design of a permanent culvert in the bed of a river must—
 - i. allow for the relevant design flood flow event; and

- ii. address the risks of non-performance (including blockage), taking into account the risk of the flow of soil or debris.
- f) ~~A permanent spillway or weir must ensure that—~~
 - i. ~~a secondary flow path is available in the event of a blockage of the watercourse;~~
~~and~~
 - ii. ~~discharge from the secondary flow path does not exacerbate flooding of neighbouring or downstream properties.~~
- g) All works and structures in, or adjacent to, rivers must, so far as practicable, incorporate energy dissipation measures and erosion and sediment control measures (for example, revegetation of worked sites) to minimise bed scouring and bank erosion in receiving environments.

19. Further requirements at watercourses

- a) This condition applies if condition 18 of this schedule applies.
- b) For the purposes of condition 18(d)(ii) of this schedule, fish passage need not be provided and maintained on all permanent culverts if the Project Ecologist decides, after considering all relevant matters, that it is unnecessary.
- c) Instead the consent holder must—
 - i. give the consent authority appropriate data and reasons (supported by relevant design drawings) for not complying with condition 18(4)(b) of this schedule; and
 - ii. if culverts that do not provide fish passage are necessary, notify the Department of Conservation.
- d) For the purposes of condition 18 of this schedule, the consent holder must, at least **10 working days** before starting permanent works within a watercourse, give to the consent authority—
 - i. hard copies of the design drawings for permanent culverts (including fish passage), bridges, and permanent stream diversions; and
 - ii. a statement of how those designs comply condition 18 of this schedule.
- e) All permanent works in the bed of a river must be carried out in accordance with the designs given to the consent authority under subcondition (d).
- f) The consent holder must ensure that any machinery or equipment used in the activities authorised by the consent is not stored in or on the bed or banks of the watercourse.
- g) The consent holder must ensure all of the following:
 - i. no machinery leaking fuel, lubricants, hydraulic fluids, or solvents is operated within or near a watercourse in circumstances where run-off might enter water;
 - ii. no vehicles, machinery, or equipment are refuelled within the bed of a watercourse or in any other location where spills might enter water;

- iii. the storage of fuel or contaminants adjacent to a watercourse does not result in any fuel or contaminants entering water:
 - iv. other fuels and lubricants are not released into water:
 - v. the Ministry for Primary Industries' requirements and clean dry protocols relating to didymo and freshwater pests are followed in relation to all equipment:
 - vi. machinery is operated in a way that minimises the transfer of organisms or pest plants from one catchment to another:
 - vii. the use of wet concrete is avoided in flowing water.
- h) The consent holder, on becoming aware that any contaminant has been discharged into a watercourse in a way that contravenes the conditions of the resource consent, must immediately—
- i. take all necessary steps to stop or contain the discharge; and
 - ii. notify—
 - 1. the Manager Compliance; and
 - 2. the Department of Conservation, if there is imminent risk of the discharge adversely affecting any at-risk or threatened species; and
 - iii. take all practicable steps to remedy or mitigate any ongoing adverse effects of the discharge on the environment.
- i) The consent holder must take the actions set out in subcondition (j) in relation to construction material, demolition material, and any materials from repair and maintenance activities that are—
- i. authorised by the consent; and
 - ii. no longer required as part of the construction works.
- j) The consent holder must ensure that the materials are—
- i. removed on completion of the construction works; and
 - ii. reused, repurposed, or disposed of in an appropriate manner and in a place where they will not affect surface water levels and watercourses.
- k) The consent holder must comply with all notices and guidelines issued by Biosecurity New Zealand that relate to the ongoing prevention of the spread of freshwater pests.

20. Extraction activities and river gravel

- a) The consent holder must ensure that, during construction works, extraction does not take place—
- i. within any actively flowing channel; or
 - ii. within 6 metres of any river bank.
- b) In addition, the consent holder must ensure that extraction activities are carried out in accordance with the HBRC River Control Code.

STORMWATER DISCHARGE

21. Stormwater discharge

- a) ~~If in the event the works involve permanent stormwater treatment devices, the~~ consent holder must, **not later than 3 months** after the completion of the construction works,—
- i. document the requirements for the effective operation and maintenance of all stormwater treatment devices (including sediment traps, if practicable); and
 - ii. submit the documents to the consent authority.
- ~~b) The consent holder must design any new permanent culvert to ensure that any headwater ponding upstream in the relevant design event does not have any significant adverse effect in that area.~~
- c) The consent holder must ensure that stormwater discharge from construction works does not cause erosion or scouring of the bed or any bank of any downstream watercourse or receiving drain.
- ~~d) The consent holder must ensure that the design of culverts and stormwater detention devices is, so far as practicable, in accordance with the HBRC Stormwater Management Guidelines.~~

~~LAND-BASED BORROW SITES~~

~~22. Design and management of land based borrow sites~~Condition twenty two omitted

- ~~a) This condition applies to excavation of soil or other materials at land based borrow sites to support construction works.~~
- ~~b) The consent holder must ensure that excavation does not take place below the groundwater table.~~
- ~~c) The consent holder must ensure that cut slopes do not exceed 45 degrees above the horizontal, unless a cut slope that exceeds that angle is—~~
- ~~i. operationally necessary; or~~
 - ~~ii. unavoidable as a matter of practicability.~~
- ~~d) The consent holder must ensure that a cut slope that exceeds 45 degrees above the horizontal is certified by a suitably qualified and experienced geotechnical engineer.~~
- ~~e) The consent holder must ensure that, after excavation work is completed, all land disturbed by the excavation work is restored (for example, to pasture or vegetation) to its state before the flood protection works—~~
- ~~i. as soon as practicable; but~~
 - ~~ii. within 6 months~~

CONSTRUCTION NOISE AND VIBRATION

23. Control of construction noise and vibration

- a) The consent holder must ensure that noise from construction, maintenance, and demolition work complies, so far as practicable, with the long-term duration limits set out in Table 2 and Table 3 of NZS 6803:1999.
- b) The consent holder must take all practicable steps to reduce levels of noise and vibration from plant and equipment operating on site during construction works.

LANDSCAPING

24. ~~Landscape assessment and plan~~ Condition 24 omitted

- ~~a) Before construction works begin, the consent holder must conduct a landscape scoping assessment to identify the potential visual landscape effects of the proposed works, including effects on any adjoining residential properties and any coastal environment.~~
- ~~b) If the assessment identifies significant potential adverse effects, the consent holder must prepare and implement a landscaping plan for the use of planting and fencing as required to avoid, remedy, or mitigate those effects.~~

ECOLOGY

25. Project Ecologist

- a) The consent holder must appoint a suitably qualified and experienced ecologist as the Project Ecologist for the duration of the flood protection works.
- b) The role of the Project Ecologist is to inform, in accordance with the ecology principles, the design, management, and monitoring of all construction works in relation to ecological effects and measures to avoid, remedy, or mitigate those effects.

26. Ecology principles

- a) The consent holder must apply the ecology principles set out in subcondition (b) in—
 - i. designing all aspects of the flood protection works; and
 - ii. carrying out all aspects of construction works.
- b) The ecology principles are as follows:
 - i. to apply the effects management hierarchy to the following potential adverse effects:
 - 1. permanent habitat loss (including in coastal, terrestrial, and freshwater habitats):

2. loss of naturally uncommon and highly depleted ecosystem types, significant indigenous vegetation, significant habitats of indigenous fauna, and habitats for at-risk or threatened species and taonga species:
 3. habitat fragmentation or habitat barriers (including in coastal, terrestrial, and freshwater habitats):
 4. impacts on habitat connectivity (including coastal, terrestrial, and freshwater habitats):
 5. impacts on at-risk or threatened species and taonga species;
 6. effects on water quality (including on kaimoana and mauri) from sediment;
 7. alteration of natural hydrology patterns, except as necessary to facilitate the flood protection works:
 8. spread or establishment, or both, of pest plants or animals:
 9. impacts on habitats that play an important role in the life cycle and ecology of native species;
- ii. as far as practicable, to create safe habitats, especially for at-risk or threatened species and taonga species:
 - iii. to avoid, remedy, mitigate, or offset (using biodiversity offset) adverse ecological effects in order to achieve, as far as practicable, a net positive ecological outcome:
 - iv. to enhance the positive ecological role of the works area in the wider ecological context, including its role as a buffer that protects or enhances other areas with ecological significance.

27. Ecological survey and assessment ~~Condition twenty seven omitted~~

- ~~a) The consent holder must ensure that the Project Ecologist and a suitably qualified and experienced person nominated by the Māori entities representatives work together—~~
 - ~~i. to prepare an ecological scoping survey before construction works begin; and~~
 - ~~ii. as soon as practicable after construction works are completed, to prepare an ecological effects assessment.~~
- ~~b) The purpose of the ecological scoping survey is to identify all ecological values relevant to applying the ecology principles to the places where construction works are to be carried out and adjoining land and adjacent water bodies and watercourses (and the CMA, if relevant), including the following:~~
 - ~~i. all naturally uncommon ecosystems;~~
 - ~~ii. all at-risk or threatened species;~~
 - ~~iii. all taonga species that may be significantly adversely affected during or as a result of construction;~~
 - ~~iv. significant natural inland wetland values;~~
 - ~~v. any pest plants or animals that might spread or become established (for example, Chilean needle grass, privet, and yellow bristle grass), having regard to the HBRC Pest Management Plan;~~
 - ~~vi. any fish, bird nesting areas, bat habitats, or habitats of species protected under the Wildlife Act 1953.~~

- ~~e) The purpose of the ecological effects assessment is to assess the adverse effects the construction works have had on the ecological values identified by the ecological scoping survey.~~

28. Managing ecological loss

- a) ~~If any indigenous ecosystems, flora, or fauna (including taonga species) are identified by the ecological scoping survey under condition 27 of this schedule, t~~The consent holder must ensure that the Project Ecologist and a suitably qualified and experienced person nominated by the Māori entities representatives work in partnership and take account of advice provided by cultural monitors to prepare an Ecology Management Plan for the construction works undertaken north of State Highway 2 and a separate Ecology Management Plan for the construction works undertaken south of State Highway 2. Each must include (where applicable to the area of works concerned), in association with the Māori entities representatives, —
- ~~i. An accidental discovery protocol to provide guidance if unexpected bat species are discovered,~~
 - ~~ii. An accidental discovery protocol to provide guidance if unexpected lizard species are discovered,~~
 - ~~iii. Procedures for managing native bird species prior to vegetation removal,~~
 - ~~iv. A construction methodology for the reclamation/diversion of the Tūtaekurī-Waimate Stream to facilitate the capture and relocation of fish,~~
 - ~~v. Preparation of a planting plan for the reclamation/diversion of the Tūtaekurī-Waimate Stream to achieve, as far as practicable, a net positive ecological outcome,~~
 - ~~vi. Preparation of a planting plan to offset any remaining effects of the reclamation/diversion of the Tūtaekurī-Waimate Stream, including the approach to offsetting to achieve, as far as practicable, a net positive ecological outcome,~~
 - ~~vii. Preparation of a planting plan to offset effects on Wetland 23 (if affected by the alignment) should the alignment of the stopbank not be able to avoid its extent, including the approach to offsetting to achieve, as far as practicable, a net positive ecological outcome.~~
 - ~~i. applies the effects management hierarchy to the management of all direct or indirect adverse effects on those ecological values (including, where relevant, kauri dieback disease), taking the ecology principles into account; and~~
 - ~~ii. prepares an ecology management plan.~~
- b) ~~The consent holder must, —~~
- ~~i. at regular intervals throughout construction, record all measures taken under subcondition (a)(i); and~~
 - ~~ii. report to the stakeholder advisory group every 2 months —~~
 - ~~1. the measures taken; and~~

- ~~2. any recommendations made by the Project Ecologist, working with the Māori entities representatives, to change those measures.~~
- c) The consent holder must implement the ecology management plans prepared under subcondition (a)(ii) throughout the construction works and report to the Stakeholder Advisory Group every 2 months on:-
- i. work undertaken according to the Ecology Management Plans,
 - ii. any other works deemed necessary by the Project Ecologist, working with the Māori Entities representatives.
- ~~d) The consent holder must keep a record of any habitat identified in the ecological scoping survey that is lost as a result of the construction works.~~
- e) When the construction works and ~~any~~ ecological mitigation works carried out under subcondition (a)(i) are both completed, the consent holder must give the stakeholder advisory group—
- ~~i. a copy of the ecological effects assessment prepared under condition 27 of this schedule; and~~
a report that describes the ecological mitigation works ~~to be~~ carried out by the consent holder.
- ~~f) The consent holder must establish, and contribute to, a fund called the Ecological Enhancement Fund to ensure that compensation is available when compliance with the effects management hierarchy requires compensation for adverse ecological effects that cannot be offset (using biodiversity offset).~~
- ~~g) The Ecological Enhancement Fund—~~
- ~~i. applies throughout the Hawke's Bay region; and~~
 - ~~ii. must be used by the consent holder to provide compensation in relation to—~~
 - ~~1. making space available for a river (for example, by acquiring adjacent land); and~~
 - ~~2. rehabilitating or enhancing areas of vegetation in the river corridor with high biodiversity values (for example, by planting appropriate species); and~~
 - ~~3. in stream ecological values; and~~
 - ~~4. any other area of important in river or riparian habitat.~~

ARCHAEOLOGICAL VALUES

29. Archaeological discovery protocol

- a) The consent authority must prepare an accidental archaeological discovery protocol—
- i. at least **10 working days** before construction works begin; and
 - ii. in collaboration with the Māori entities representatives; and
 - iii. in consultation with Heritage New Zealand Pouhere Taonga.
- b) The protocol applies if—

- i. a worker or any other person associated with flood protection works discovers any cultural or archaeological artefacts or features on a work site; and
 - ii. an authority in relation to the location is not required under the Heritage New Zealand Pouhere Taonga Act 2014.
- c) The consent holder must—
- i. follow the protocol; and
 - ii. ensure that workers and other persons on site are aware of the protocol.
- d) In subcondition (b)(ii), authority has the same meaning as in section 6 of the Heritage New Zealand Pouhere Taonga Act 2014.

Water Take

- 30. Taking of water from the Tutaekuri-Waimate Stream shall be limited to the length of stream between a point 700m upstream of Franklin Road and the Ngaruroro Stopbank.
- 31. The taking of water from the Tutaekuri-Waimate Stream at each point of take shall not exceed 25l/s.
- 32. Each point of take shall be installed to prevent fish, including eels, from entering the reticulation system.
- 33. The combined maximum volume of take shall not exceed 1,080m³ per day.
- 34. The measurement and reporting of water use shall be undertaken and provided to the Hawkes Bay Regional Council in accordance with the Resource Management (Measurement and Reporting of Water Takes) Regulations 2010.

Drinking Water Supplies

- 35. If an event occurs on-site that may lead to contamination of groundwater, the Consent Holder shall notify the Napier City Council Drinking Water Supply Manager and the Hawke's Bay Regional Council (Manager Compliance) of the event as soon as reasonably practicable after the event occurs

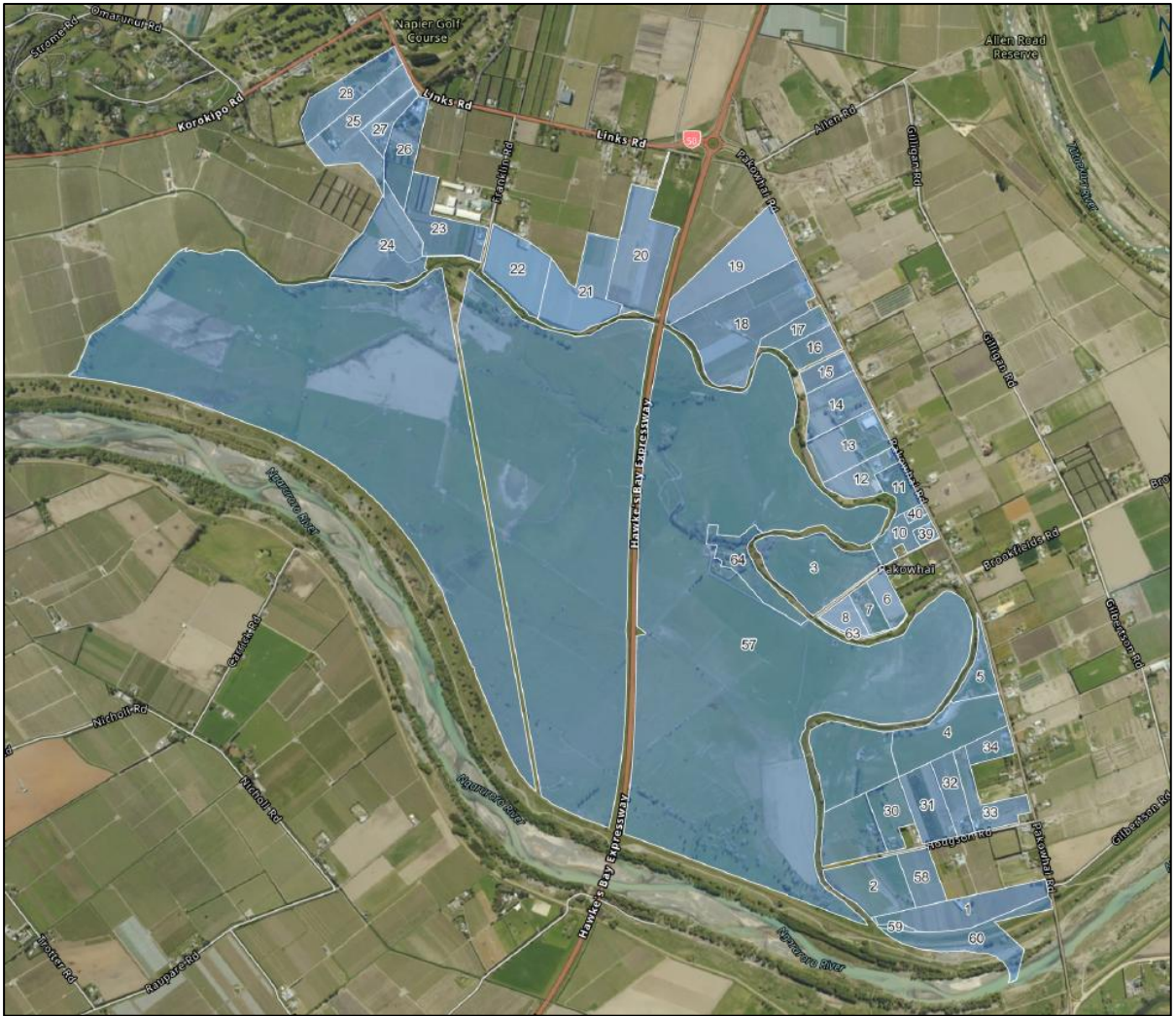
Road Pavement Condition and Remediation

- 36. Prior to commencement of stockpiling material, the Consent Holder shall undertake a pre-construction pavement condition survey of Franklin and Gilbertson Roads. The survey shall include photographic and written records of the pavement condition and be submitted to Hastings District Council.
- 37. Within 30 working days of completing the stockpiling of material, the Consent Holder shall:

- a) undertake a post-construction pavement condition survey of Franklin and Gilbertson Roads. The survey shall include photographic and written records and be compared against the pre-construction survey to identify any damage attributable to the works.
- b) Provide a copy of the post-construction survey and comparison report outlining the following to the Hastings District Council for 10 working days for comment:
 - i. an outline of the damage considered to have resulted from traffic associated with the stockpiling of material;
 - ii. details of the remedial work proposed to be undertaken to restore the affected roads to a condition equal to or better than that recorded in the pre-construction survey.

38. The Consent Holder shall, at its expense, shall carry out the identified remedial works within 60 working days of providing of the comparison report to the Hastings District Council.

Schedule 1



Map Ref	Valuation ID	LRZ Property ID	Parcel ID	Title	Estate Description	Site Address	Footprint or Footprint Adjoining
1		1926287		HBW4/46	Fee Simple, 1/1, Part Pakowhai Maori Reserve 1 Block Maori Land Plan 954 and Section 1-3 Survey Office Plan 10742, 89,042 m ²	43 Hodgson Road, Hastings District	Footprint
2		2046370		HB54/265	Fee Simple, 1/1, Lot 14-15 Deeds Plan 632, 149,046 m ²	74 Hodgson Rd, Pakowhai, Hastings District	Footprint
3		1809407		HB43/1148	Fee Simple, 1/1, Lot 2-3 Deposited Plan 6071, 251,790 m ²		Footprint
4		1848561		HB163/81	Fee Simple, 1/1, Part Lot 2 Deeds Plan 376, 105,876 m ²	1844/1854 Pakowhai Road (76 Chesterhope Rd, Hastings District)	Footprint
5		1982821		HB47/125	Fee Simple, 1/1, Lot 35 and Lot 40 Deeds Plan 493, 33,184 m ²	1856/1882 Pakowhai Road, Hastings District	Footprint
6		1878419		HBA1/887	Fee Simple, 1/1, Lot 3 Deposited Plan 10514, 24,433 m ²	47 Chesterhope Rd, Hastings District	Footprint Adjoining
7		1878531		HBA1/886	Fee Simple, 1/1, Lot 2 Deposited Plan 10514, 24,408 m ²	47 Chesterhope Rd, Hastings District	Footprint Adjoining
8		1878427		HBA1/885	Fee Simple, 1/1, Lot 1 Deposited Plan 10514, 23,624 m ²	47 Chesterhope Rd, Hastings District	Footprint
10		4439914		360055	Fee Simple, 1/1, Lot 2 Deposited Plan 389718, 31,500 m ²	22 Chesterhope Rd, Hastings District	Footprint
11		4379112		298723	Fee Simple, 1/1, Lot 1 Deposited Plan 374026, 28,200 m ²	1972 Pakowhai Rd, Hastings District	Footprint
12		4379113		298724	Fee Simple, 1/1, Lot 2 Deposited Plan 374026, 40,800 m ²	1980 Pakowhai Rd, Hastings District	Footprint
13		1806357		HBV1/547	Fee Simple, 1/1, Lot 39-40 Deeds Plan 80, 76,839 m ²	1986 Pakowhai Rd, Hastings District	Footprint
14		1976981		HLB1/145	Fee Simple, 1/1, Lot 1-2 Deeds Plan 437, 65,989 m ²	2008 Pakowhai Rd, Hastings District	Footprint
15		1906109		HB42/373	Fee Simple, 1/1, Lot 3 Deeds Plan 437, 26,203 m ²	2026 Pakowhai Rd, Hastings District	Footprint
16		1881117		HB23/46	Fee Simple, 1/1, Section 43 Block XII Heretaunga Survey District, 33,791 m ²	Pakowhai Rd, Hastings District	Footprint
17		1813203		HBDA/1162	Fee Simple, 1/1, Lot 1 Deposited Plan 12698, 29,567 m ²	2046 Pakowhai Rd, Hastings District	Footprint
18		4853870		788862	Fee Simple, 1/1, Lot 2 Deposited Plan 512396 and Lot 2 Deposited Plan 20869, 194,200 m ²	2068 Pakowhai Rd, Hastings District	Footprint
19		1814833		HBD1/62	Fee Simple, 1/1, Lot 6 Deeds Plan 437, 130,385 m ²	2080 Pakowhai Rd, Hastings District	Footprint
20		4675266		604769	Fee Simple, 1/1, Lot 2 Deposited Plan 460806, 126,484 m ²	1023 Links Rd, Hastings District	Footprint
21		3401528		35155	Fee Simple, 1/1, Section 15 Block XI Heretaunga Survey District and Lot 2 Deposited Plan 309041, 107,852 m ²	71 Franklin Rd, Hastings District	Footprint
22		1833070		HBF3/989	Fee Simple, 1/1, Lot 1 Deposited Plan 12546, 83,036 m ²	71 Franklin Rd, Hastings District	Footprint

23		1778725		HBP3/465	Fee Simple, 1/1, Lot 2 Deposited Plan 12012 and Section 1 Survey Office Plan 9891, 78,978 m2	56 Franklin Rd, Hastings District	Footprint
24		1995515		HBP3/795	Fee Simple, 1/1, Lot 1 Deposited Plan 22955, Lot 2 Deposited Plan 2721 and Section 2 Survey Office Plan 9891, 116,436 m2	70 Franklin Road, Waiohiki, Hastings District	Footprint
25		2039276		HBM1/46	Fee Simple, 1/1, Lot 2 Deposited Plan 16843, 99,766 m2	1135 Links Rd, Hastings District	Footprint
26		1963589		HBM1/1079	Fee Simple, 1/1, Lot 2 Deposited Plan 20523, 59,945 m2	1131 Links Rd, Hastings District	Footprint Adjoining
27		1963559		HBM1/1078	Fee Simple, 1/1, Lot 1 Deposited Plan 20523, 27,977 m2	1133 Links Rd, Hastings District	Footprint
28		1941016		HBM1/45	Fee Simple, 1/1, Lot 1 Deposited Plan 16843, 71,151 m2	1153 Links Rd, Hastings District	Footprint
30		1856978		HB147/95	Fee Simple, 1/1, Part Lot 12 Deeds Plan 632, 45,229 m2	66 Hodgson Rd, Hastings District	Footprint Adjoining
31		1855925		HBB1/859	Fee Simple, 1/1, Lot 10 Deeds Plan 632, 58,839 m2	40 Hodgson Rd, Hastings District	Footprint Adjoining
32		2231944		HB63/176	Fee Simple, 1/1, Part Lot 8 Deeds Plan 632, 37,990 m2	32 Hodgson Rd, Hastings District	Footprint Adjoining
33		4644388		572785	Fee Simple, 1/1, Lot 2 Deposited Plan 450556, 48,509 m2	28 Hodgson Rd, Hastings District	Footprint Adjoining
34		1871718		HB52/20	Fee Simple, 1/1, Lot 7 Deeds Plan 632, 25,829 m2	1834 Pakowhai Rd, Hastings District	Footprint Adjoining
39		1983797		HB88/8	Fee Simple, 1/1, Lot 32-33 Deeds Plan 80, 8,094 m2	1942 Pakowhai Rd, Hastings District	Footprint Adjoining
40		1906126		HBB2/296	Fee Simple, 1/1, Section 9 Block XII Heretaunga Survey District, 5,524 m2	1950 Pakowhai Rd, Hastings District	Footprint
57		4975049		916895	Fee Simple, 1/1, Lot 2-4 Deposited Plan 543135, 5,263,000 m2	76 Chesterhope Rd, Hastings District	Footprint
58		1925305		HBL2/450	Fee Simple, 1/1, Lot 13 Deeds Plan 632, 39,942 m2	43 Hodgson Rd, Hastings District	Footprint Adjoining
59	965143001		420893		Part PAKOWHAI BLK XII HERETAUNGA SD - SOIL CONS PURPOSES	Pakowhai Rd, Hastings District	Footprint
60	965139501		420847		NGS - Part 1 Part 2 PAKOWHAI MAORI RESERVE Part Lot 1 DP 6071	Pakowhai Rd, Hastings District	Footprint Adjoining
63		1976164		HBA1/1341	Fee Simple, 1/1, Lot 5 Deposited Plan 8266 and Lot 4 Deposited Plan 10514, 3,870 m2	Chesterhope Rd, Hastings District	Footprint
64	960028902	4975048	8043507	916894	Fee Simple, 1/1, Lot 1 Deposited Plan 543135, 58,200 m2	76 Chesterhope Rd, Hastings District	Footprint Adjoining