

COMPENDIUM RESERVE MANAGEMENT PLAN

KAI IWI LAKES (TAHAROA DOMAIN) 2016





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KAI IWI LAKES (TAHAROA DOMAIN) 2016

INTRODUCTION

This volume contains supplementary information that supports the Kai Iwi Lakes (Taharoa Domain) Reserve Management Plan.





COMPUTER FREEHOLD REGISTER UNDER LAND TRANSFER ACT 1952

Search Copy



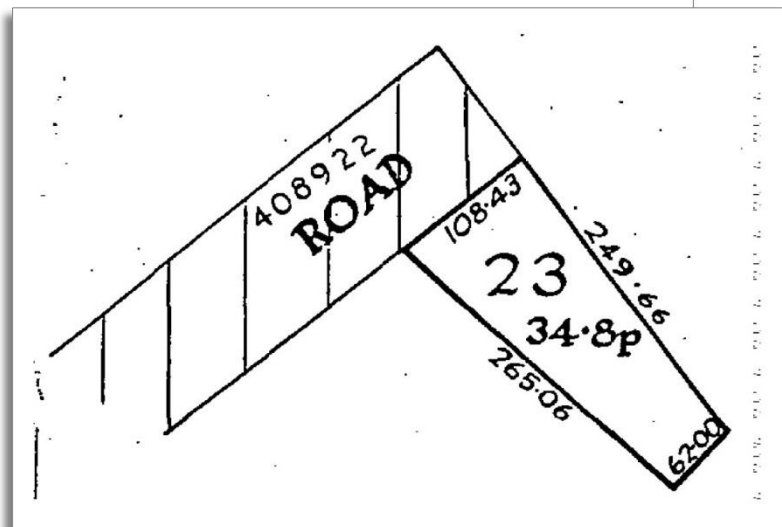
R. W. Muir
Registrar-General
of Land

Identifier NA19D/1155
Land Registration District North Auckland
Date Issued 10 December 1970

Prior References
NAPR2A/722

Estate Fee Simple
Area 880 square metres more or less
Legal Description Section 23 Block I Kai Iwi Survey District
Proprietors
The Hobson County Council

Interests
Subject to Section 59 Land Act 1948
SUBJECT TO THE RESERVES AND DOMAINS ACT 1953



Transaction Id 45093463
Client Reference dtetzner001

Search Copy Dated 5/11/15 3:41 pm, Page 1 of 1
Register Only



Board Appointed to Have Control of Ruakaka Central Domain

PURSUANT to the Reserves and Domains Act 1953, the Minister of Lands hereby appoints

Ivan Walter Antonovich,
Ivan Rudolph Antunovich,
Leslie George Dixon,
William Russell Forshaw,
Hector Arthur Holland,
Keith Raymond Muldrock,
Rudolph Papich,
Harold John Mark Salle, and
Thomas Edward Thacker

to be the Ruakaka Central Domain Board to have control of the reserve described in the Schedule hereto, subject to the provisions of the said Act, as a public domain.

SCHEDULE

NORTH AUCKLAND LAND DISTRICT—RUAKAKA CENTRAL DOMAIN
Lot 1, D.P. 35997, being part Allotment 64, and Lot 1, D.P. 40994, being parts Allotments 64 and 94, Ruakaka Parish, situated in Block XI, Ruakaka Survey District: Area, 1 acre 2 roods 0.1 of a perch, more or less. All certificate of title, Volume 1106, folio 82.

Dated at Wellington this 16th day of March 1962.

R. G. GERARD, Minister of Lands.
(L. and S. H.O. 1/1297; D.O. 8/1455)

Board Appointed to Have Control of Kumeroa Domain

PURSUANT to the Reserves and Domains Act 1953, the Minister of Lands hereby appoints

Gordon Eastwood Badger,
Allan Compton,
Charles Albert Fountaine,
James Little,
Claude Mackie,
George Ossian Miller,
Kenneth William Rathbride Mitchell,
Edward William Norman, and
Graham Frank Ramsden

to be the Kumeroa Domain Board to have control of the reserve described in the Schedule hereto, subject to the provisions of the said Act as a public domain.

SCHEDULE

HAWKES BAY LAND DISTRICT—KUMEROA DOMAIN
Section 1, Block V, and Section 14, Block VI, Kumeroa Village, situated in Block IX, Tahoraiti Survey District: Area, 10 acres 1 rood, more or less.

Dated at Wellington this 16th day of March 1962.

R. G. GERARD, Minister of Lands.
(L. and S. H.O. 1/373; D.O. 8/6)

Board Appointed to Have Control of Brighton Domain

PURSUANT to the Reserves and Domains Act 1953, the Minister of Lands hereby appoints

The member of the Taiari County Council, representing the Otokia riding, *ex-officio*,
Robert Hugh Gray,
Logan Johnston,
Stanley Gasebert Kear,
Ronald Ernest Lobb,
James Francis Noel McArley,
John Campbell McCreadie,
Colin Thompson, and
Adam John Wright

to be the Brighton Domain Board to have control of the reserve described in the Schedule hereto, subject to the provisions of the said Act, as a public domain.

SCHEDULE

OTAGO LAND DISTRICT—BRIGHTON DOMAIN
Sections 47, 60, 61, 62, 63, and 1318r and Lot 1, D.P. 2130, being part Section 8, Block I, Otokia Survey District: Area, 20 acres 1 rood 5.2 perches, more or less. (S.O. Plan 1371.)

Dated at Wellington this 20th day of March 1962.

R. G. GERARD, Minister of Lands.
(L. and S. H.O. 1/146; D.O. 8/3/14)

Appointment of the North Shore Scenic Board to Control and Manage a Reserve

PURSUANT to the Reserves and Domains Act 1953, the Minister of Lands hereby appoints the

North Shore Scenic Board

to control and manage the reserve described in the Schedule hereto, subject to the provisions of the said Act, as a scenic reserve.

SCHEDULE

NORTH AUCKLAND LAND DISTRICT

PART Allotment 126, Takapuna Parish, situated in Block XII, Waitemata Survey District: Area, 9 acres 2 roods 3.3 perches, more or less. All certificate of title, Volume 1595, folio 59, limited at to parcels. As shown on the plan marked L. and S. 4/222b deposited in the Head Office, Department of Lands and Survey at Wellington, and thereon edged red.

Dated at Wellington this 16th day of March 1962.

R. G. GERARD, Minister of Lands.
(L. and S. H.O. 4/222; D.O. 13/167)

Declaration That a Reserve be the Taharoa Domain and Appointment of Domain Board

PURSUANT to the Reserves and Domains Act 1953, the Minister of Lands hereby declares the reserve for recreation described in the Schedule hereto to be a public domain, subject to the provisions of Part III of the said Act, to be known as the Taharoa Domain and, further, appoints the Hobson County Council to be the Taharoa Domain Board to have control of the said domain.

SCHEDULE

NORTH AUCKLAND LAND DISTRICT—TAHAROA DOMAIN

SECTION 63, Block I, Kaiwi Survey District: Area, 1,035 acres 2 roods 28 perches, more or less. As shown on the plan marked L. and S. 1/1543 deposited in the Head Office, Department of Lands and Survey at Wellington, and thereon edged red. (S.O. Plan 43309.)

Dated at Wellington this 15th day of March 1962.

R. G. GERARD, Minister of Lands.
(L. and S. H.O. 1/1543, 4/173; D.O. 8/3/136)

Revocation of Appointment of Oturehua Domain Board and Appointment of New Board

PURSUANT to the Reserves and Domains Act 1953, the Minister of Lands hereby revokes the appointment of the Oturehua Domain Board as published in *Gazette*, 3 August 1961, Volume II, page 1082, and appoints the Maniototo County Council to be the Oturehua Domain Board on and from 1 April 1962 to have control of the reserve described in the First Schedule hereto, subject to the provisions of the said Act, as a public domain, and to control for secondary use for recreation purposes the land described in the Second Schedule hereto, being land held primarily for irrigation purposes.

FIRST SCHEDULE

OTAGO LAND DISTRICT—OTUREHUA DOMAIN

SECTION 289, Block I, and Sections 34 and 34A, Block XIII, Blackstone Survey District: Area, 9 acres 1 rood 6 perches, more or less. (S.O. Plans 3461 and 6219.)

SECOND SCHEDULE

PARTS Lot 2, D.P. 3416, being part Section 19, closed road adjoining Section 18 and Lot 2, D.P. 3416, being part Section 19, closed road, part Run 2250, part bed of Idaburn, and Crown land, all situated in Block XIII, Blackstone Survey District: Area, 30 acres 1 rood 26.9 perches, more or less. As shown on the plan marked L. and S. 1/351A deposited in the Head Office, Department of Lands and Survey at Wellington, and thereon edged red. (S.O. Plan 12275.)

Dated at Wellington this 15th day of March 1962.

R. G. GERARD, Minister of Lands.
(L. and S. H.O. 1/351; D.O. 8/3/19)

Appointment of Member of Owaka Township Domain Board

PURSUANT to the Reserves and Domains Act 1953, the Minister of Lands hereby appoints Bruce Henry Jaggar to be a member of the Owaka Township Domain Board, Otago Land District, in place of George Leonard Wheeler, left the district.

Dated at Wellington this 20th day of March 1962.

R. G. GERARD, Minister of Lands.
(L. and S. H.O. 1/167; D.O. 8/3/27)



16 DECEMBER

THE NEW ZEALAND GAZETTE

2865

Cancellation of the Vesting in the Mackenzie County Council and Revocation of the Reservation over Reserves

PURSUANT to the Reserves and Domains Act 1953, the Minister of Lands hereby cancels the vesting in the Chairman, Councillors, and Inhabitants of the County of Mackenzie and revokes the reservation as reserves for gravel pits over the lands described in the Schedule hereto.

SCHEDULE

CANTERBURY LAND DISTRICT—MACKENZIE COUNTY

RESERVE 2385, situated in Block XI, Opuha Survey District: area, 2.0234 hectares, more or less (S.O. Plan 3219).

Reserve 2436, situated in Block XI, Opuha Survey District: area, 2.0234 hectares, more or less (S.O. Plan 4976).

Dated at Wellington this 6th day of December 1976.

VENN YOUNG, Minister of Lands.

(L. and S. H.O. 6/5/431; D.O. 8/5/43)

Reservation of Land and Vesting in the Hauraki Plains County Council

PURSUANT to the Land Act 1948, the Minister of Lands hereby sets apart the land, described in the Schedule hereto, as a reserve for recreation purposes, and further, pursuant to the Reserves and Domains Act 1953, vests the said reserve in the Chairman, Councillors, and Inhabitants of the County of Hauraki Plains, in trust, for that purpose.

SCHEDULE

SOUTH AUCKLAND LAND DISTRICT—HAURAKI PLAINS COUNTY
SECTION 82, Block I, Waihou Survey District: area, 2163 square metres, more or less (S.O. Plan 48372).

Dated at Wellington this 26th day of November 1976.

VENN YOUNG, Minister of Lands.

(L. and S. H.O. Res. 3/2/271; D.O. M. 1423)

Reservation of Land and Declaration that Land be Part of the Taharoa Domain

PURSUANT to the Land Act 1948, the Minister of Lands hereby sets apart the land, described in the Schedule hereto, as a reserve for recreation purposes and further, pursuant to the Reserves and Domains Act 1953, declares the said reserve to be a public domain, subject to the provisions of Part III of the last-mentioned Act, to form part of the Taharoa domain to be administered as a public domain by the domain board.

SCHEDULE

NORTH AUCKLAND LAND DISTRICT—HOBSON COUNTY

SECTION 68, Block I, Kaiwi Survey District: area, 22.3453 hectares, more or less (S.O. Plan 49137).

Dated at Wellington this 7th day of December 1976.

VENN YOUNG, Minister of Lands.

(L. and S. H.O. Res. 2/2/234; D.O. 8/3/136)

Reservation of Land

PURSUANT to the Land Act 1948, the Minister of Lands hereby sets apart the land, described in the Schedule hereto, as a reserve for Government purpose (wildlife management).

SCHEDULE

NELSON LAND DISTRICT—BULLER COUNTY

SECTION 32, Block IV, Steeples Survey District: area, 7.8280 hectares, more or less (S.O. Plan 12049).

Dated at Wellington this 6th day of December 1976.

VENN YOUNG, Minister of Lands.

(L. and S. H.O. 4/426/1/8; D.O. 8/5/11/11)

Reservation of Land

PURSUANT to the Land Act 1948, the Minister of Lands hereby sets apart the land, described in the Schedule hereto,

B

as a reserve for scenic purposes to form part of the Te Raukau caves scenic reserve.

SCHEDULE

SOUTH AUCKLAND LAND DISTRICT—OTOROHANGA COUNTY

SECTION 65, Block III, Orahiri Survey District: area, 25.8700 hectares, more or less (S.O. Plan 48806).

Lot 1, D.P. S. 18356, being part Section 12, Block VII, Orahiri Survey District: area, 8.0551 hectares, more or less. Part certificate of title, Volume 1050, folio 168, of the South Auckland Land Registry.

Dated at Wellington this 7th day of December 1976.

VENN YOUNG, Minister of Lands.

(L. and S. H.O. Res. 3/3/142; D.O. 8/938 and 13/187)

Reservation of Land

PURSUANT to the Land Act 1948, the Minister of Lands hereby sets apart the land, described in the Schedule hereto, as a reserve for recreation purposes.

SCHEDULE

HAWKE'S BAY LAND DISTRICT—HAWKE'S BAY COUNTY

LOTS 1-7, 9, 11-19 and 22-24, D.P. 8287, situated in Block II, Te Mata Survey District: area, 1.7290 hectares, more or less.

Dated at Wellington this 7th day of December 1976.

VENN YOUNG, Minister of Lands.

(L. and S. H.O. Res. 5/2/81; D.O. LG 69, 8/3/92)

Declaration of Easement Agreement under the Forests Act 1949

PURSUANT to section 15 (2A) of the Forests Act 1949, as amended by section 3 (3) of the Forests Amendment Act 1971, the Minister of Forests, being satisfied as to the sufficiency of such agreement, hereby declares

1. That an agreement in favour of Her Majesty the Queen granting a right of way over the land, described in the Schedule hereto, has been entered into between Her Majesty the Queen as grantee and the Fletcher Timber Company Limited as grantor.

2. That such agreement may be inspected at the office of the Conservator of Forests at Auckland, which agreement and the terms and conditions thereof are designated memorandum of transfer and grant of easement in respect of right of way, Tawhitowhenua Block Pt No. 1, CT 661/274, Block XII, Thames Survey District.

3. That a plan defining thereon the said easement is attached to such agreement and may be inspected at the above office.

4. That the date upon which such agreement became effective, being the date of execution of the agreement, is the 7th day of July 1976.

SCHEDULE

ALL that parcel of land containing 71 acres, 3 roods 1 perch, more or less, situated in Blocks VII and XII of the Thames Survey District, being the Te Ahuroa No. 1G, Tawhitowhenua No. 6A and Tawhitowhenua No. 3B, No. 2A Blocks, and portion of the Tawhitowhenua No. 1, 2, 4, 5, 3A, and 3B No. 1 Blocks, being all the land comprised and described in certificate of title, Volume 661, folio 274, South Auckland Land Registry.

Dated at Wellington this 13th day of December 1976.

VENN YOUNG, Minister of Forests.

(F.S. 25/11)

Crown Land Set Apart as State Forest Land

PURSUANT to section 18 of the Forests Act 1949, notice is hereby given that the land described in the Schedule hereto has been set apart as State forest land as from the date of publication hereof.

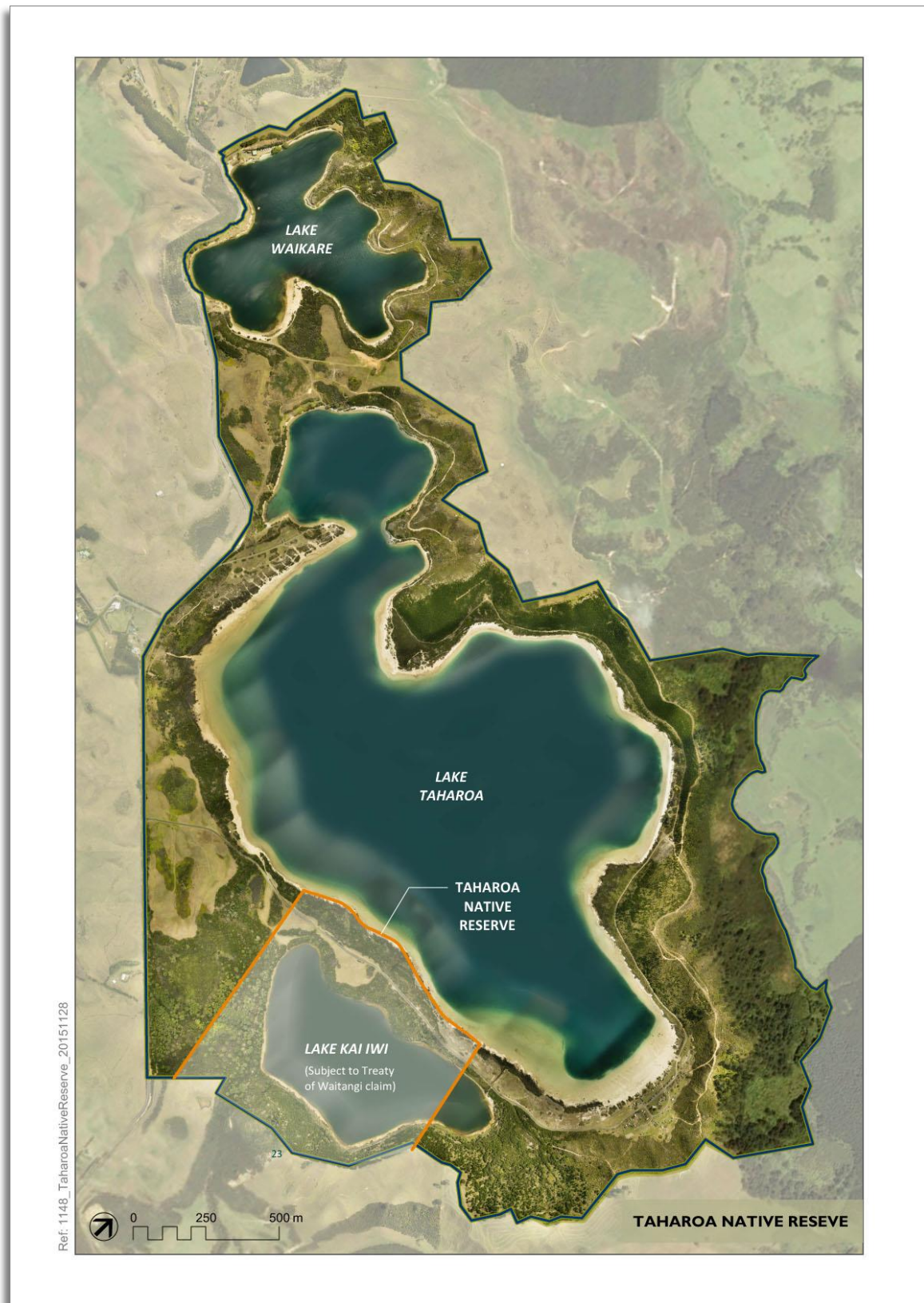
SCHEDULE

SOUTH AUCKLAND LAND DISTRICT—ROTORUA CONSERVANCY—TAUPO COUNTY AND WHAKATANE DISTRICT

SECTION 2, Block XV, Wheao Survey District: area, 2725 hectares, more or less (S.O. Plan 48587).



MAP OF TAHAROA NATIVE RESERVE



KAIPARA DISTRICT COUNCIL, PRIVATE BAG 1001, DARGAVILLE 0340.

To undertake the following activities associated with the operation of the Pine Beach Campground at Taharoa Domain, Domain Road, Legal Description SEC 63 Blk I Kai Iwi Survey District,

- (01) To take water from Lake Taharoa, at or about location co-ordinates 1659836 E 6037145N
- (02) To discharge treated wastewater to land, at or about location co-ordinates 1660100E 6037145N.
- (03) To discharge contaminants, primarily odour, to air associated with the treatment and disposal of wastewater, at or about location co-ordinates 1659910E 6037040N and 1660100E 6037145N.

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

Subject to the following conditions:

(01) Taking water

- 1 The total quantity of water taken shall not exceed:
 - (a) 45 cubic metres per day, nor
 - (b) 6,750 cubic metres within the 12 month period between 1 April and 31 March.
- 2 The Consent Holder shall maintain a meter on the water take pump that has a measurement error of $\pm 5\%$ or less. This meter shall then be used to determine compliance with Condition 1.

Advice Note: The Ministry for the Environment has released the proposed National Environmental Standards for Water Measuring Devices (NES). The proposed NES sets out the minimum requirements for the measuring devices. The proposed NES requires that measuring devices:

- be able to continuously measure the amount of water taken;
- be capable of recording daily volume in cubic metres to an accuracy standard of ± 5 percent for pipes, and ± 10 percent for channels;
- be capable of providing output in a form suitable for electronic data storage;



- *be appropriate to the qualities of the water it is measuring (including temperature and sediment content); and*
- *be sealed and as tamper proof as practicable.*

It is recommended that the Consent Holder considers the above proposed requirements when selecting a meter to be installed. Consideration of the above requirements will promote compliance with the NES in the event that the proposed NES becomes regulation.

- 3 A screening device shall be maintained on the pump intake which shall limit the intake velocity across the screen to less than 0.3 metres/second. The screen shall have no holes or slots with a diameter or width greater than 5 millimetres.
- 4 The Consent Holder shall keep a written record of the quantity of water taken, including all nil abstractions, daily during the period 1 November to 31 March, and then monthly for the remainder of the year. A copy of these records for the previous calendar year (1 April to 31 March) shall be forwarded to the Regional Council by 1 May each year, and also immediately on written request by the Regional Council.
- 5 The reticulation system and components shall be maintained in good working order to minimise leakage and wastage.

(02) Discharge to land

- 6 The total quantity of wastewater discharged shall not exceed 37.5 cubic metres within any consecutive 24 hour period.
- 7 As a minimum, the wastewater treatment and disposal system shall be in general accordance with the location and design shown on the following **(attached)**:
 - (a) Innoflow Technologies NZ Ltd drawings entitled “Kai Iwi Lakes- Taharoa Domain” Reference 0405516-10, 0405516-1, and 0405516-2; dated 7/5/08;
 - (b) Duffill Watts Consulting Group drawing entitled “Wastewater System Layout”, Job No 020239, Sheet No PI; and
 - (c) Drawing entitled “Effluent Dispersal Field Sketch”.

- 8 The Consent Holder shall maintain a meter on the outlet of the treatment system that has a measurement error of $\pm 5\%$ or less. This meter shall then be used to determine compliance with Condition 6.
- 9 An alarm system shall be installed and maintained within the wastewater treatment system which is activated when high wastewater levels and/or effluent pump failures occur. This alarm system shall have an audible and visual alarm mechanism.
- 10 A safe and easily accessible sampling point shall be provided and maintained between the outlet of the treatment plant and the land disposal system to allow sampling of the final treated wastewater.
- 11 There shall be no ponding of wastewater within, or surface runoff of any contaminants from, any wastewater treatment area. In addition there shall be no surface runoff of any contaminants from the “Effective downslope land treatment area”, as identified on the **attached** Duffill Watts Consulting Group drawing entitled “Wastewater System Layout”, Job No 020239, Sheet No P1.
- 12 The Consent Holder shall ensure that stormwater from all roofed and paved areas is diverted away from the wastewater treatment system, and that stormwater from surrounding areas is prevented, as far as is practicable, from entering the wastewater treatment system.
- 13 The wastewater irrigation pods shall be kept clear of nuisance vegetation growth that prevents the even dispersal of effluent and the effective operation of the disposal system.
- 14 The wastewater disposal area shall be adequately fenced to prevent access by unauthorised persons. In addition, appropriate signs shall be placed and maintained on the fence advising the use of the area and unauthorised persons not to enter.
- 15 The Consent Holder shall ensure that the wastewater treatment and disposal system is adequately maintained by a suitably qualified and experienced person so that it operates effectively at all times. A written record of all maintenance undertaken on the wastewater treatment and disposal system shall be kept and a copy of these records shall be forwarded to the Regional Council by the 1 May each year for the previous year (1 April to 31 March), and also immediately on written request by the Regional Council.
- Advice Note: For compliance purposes, a “suitably qualified and experienced person” would be either a person employed or trained by the manufacturer of the wastewater treatment system, or someone who can provide evidence of satisfactory qualifications and/or experience in maintaining the type of wastewater treatment and disposal system installed.*
- 16 The Consent Holder shall keep written records of the quantity of treated wastewater discharged to land daily during the period 1 November to 31 March, and then monthly for the remainder of the year. A copy of the written records for the previous year (1 April to 31 March) shall be forwarded to the Regional Council by 1 May each year, or immediately on written request by the Regional Council.



(03) Discharges to air

- 17 The Consent Holder's operations shall not give rise to any discharge of contaminants, at or beyond the area legally occupied by the campground and disposal area, which is deemed by a suitably trained and experienced Enforcement Officer of the Regional Council to be noxious, dangerous, offensive or objectionable.

General Conditions

- 18 These consents shall not be exercised until Resource Consent CON20000470201 has either expired or been surrendered.
- 19 The Consent Holder shall, for the purposes of adequately monitoring the consents as required under Section 35 of the Act, on becoming aware of any contaminant associated with the Consent Holder's operations escaping otherwise than in conformity with these consents:
- (a) Immediately take such action, or execute such work as may be necessary, to stop and/or contain such escape; and
 - (b) Immediately notify the Regional Council by telephone of an escape of contaminant; and
 - (c) Take all reasonable steps to remedy or mitigate any adverse effects on the environment resulting from the escape; and
 - (d) Report to the Regional Council in writing within one week on the cause of the escape of the contaminant and the steps taken or being taken to effectively control or prevent such escape.
- 20 The Regional Council may, in accordance with Section 128 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions of this consent annually during the month of July. The review may be initiated for any one or more of the following purposes:
- (a) To deal with any adverse effects on the environment that may arise from the exercise of the consent and which it is appropriate to deal with at a later stage, or to deal with any such effects following assessment of the results of the monitoring of the consent and/or as a result of the Regional Council's monitoring of the state of the environment in the area;
 - (b) To require the adoption of the best practicable option to remove or reduce any adverse effect on the environment;
 - (c) To provide for compliance with rules in any regional plan that has been made operative since the commencement of the consent;
 - (d) To deal with any inadequacies or inconsistencies the Regional Council considers there to be in the conditions of the consent, following the establishment of the activity the subject of the consent;
 - (e) To deal with any material inaccuracies that may in future be found in the information made available with the application (notice may be served at any time for this reason).

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

EXPIRY DATE: 31 JULY 2028

ISSUED at Whangarei this Fifth day of March 2009

S J Savill

**Consents Programme Manager – Water and
Waste**



KAIPARA DISTRICT COUNCIL, PRIVATE BAG 1001, DARGAVILLE 0340

To take water from Lake Taharoa on Section 63 Blk I Kai Iwi SD (Promenade Point), at or about location co-ordinates NZTM: 1657598E 6037572N, for public toilet and camp ground water supply purposes.

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

Subject to the following conditions:

- 1 The rate of taking shall not exceed:
 - (a) 50 cubic metres per week, being any 7 consecutive days; nor
 - (b) 765 cubic metres per year, being 1 July to 30 June inclusive.
- 2 The Consent Holder shall install a meter that measures the volume of water taken in cubic metres. The meter shall:
 - (a) Be installed at the water take pump;
 - (b) Have an accuracy within $\pm 5\%$; and
 - (c) Be operated and maintained in accordance with the manufacturer's specifications.

At all times safe and easy access shall be provided to the meter for the purposes of undertaking visual inspections and water take measurements.
- 3 The Consent Holder shall, using the meter required by Condition 2, keep a record of the volume of water taken in cubic metres, including nil abstractions:
 - (a) Weekly, being every 7 consecutive days, between 1 November and 30 April; and
 - (b) Monthly between 1 May and 31 October.

A copy of this record for the period 1 July to 30 June (inclusive) shall be forwarded each year to the Northland Regional Council's Monitoring Manager by the following 31 July. In addition, a copy of this record shall be forwarded immediately to the Northland Regional Council's Monitoring Manager on written request by that Manager. The records shall be in an electronic format that has been agreed to by the Northland Regional Council's Monitoring Manager.

Advice Note: *If no water is taken during the period 1 July to 30 June (inclusive) then the Consent Holder is still required to notify the Northland Regional Council's Monitoring Manager in writing of the nil abstraction. Water use record sheets in an electronic format are available from the Regional Council's website at www.nrc.govt.nz/wur*

- 4 A screening device shall be maintained on the pump intake which shall limit the intake velocity across the screen to less than 0.3 metres/second. The screen shall have no holes or slots with a diameter or width greater than 5 millimetres.
- 5 The reticulation system and components shall be maintained in good working order to avoid or minimise leakage and wastage.
- 6 The Northland Regional Council may, in accordance with Section 128 of the Act, serve notice on the Consent Holder of its intention to review the conditions annually during the month of November for any one or more of the following purposes:
 - (a) To deal with any adverse effects on the environment that may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
 - (b) To ensure the efficient allocation of the resource.

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

Advice Note: *The Northland Regional Council may, in accordance with Section 128 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions any time for the following purposes:*

- (i) *To provide for compliance with rules relating to water abstraction maximum or minimum levels or flows or rates of use of water in any regional plan that has been made operative since the commencement of the consent; or*
- (ii) *To provide for compliance with any relevant national environmental standards that have been made; or*
- (iii) *Where there are inaccuracies in the information made available with the application that materially influenced the decision on the application and where the effects of the exercise of consent are such that it is necessary to apply more appropriate conditions.*

- 7 This consent shall not lapse until its expiry.

EXPIRY DATE: **31 JULY 2028**



This consent is granted this Eighth day of February 2011 under delegated authority from the Council by:

S J Savill

Consents Programme Manager –
Water and Waste

Advice Note: *The Council may, if it issues a Water Shortage Direction under section 329 of the Act, require the Consent Holder to reduce the amount of water taken, and/or restrict the time(s) when water is taken, and/or impose a temporary cessation of taking of water.*



TAHAROA KAI IWI LAKES SURVEY SUMMER 2014/15

Results from 100 survey participants, representing a total of 726 people

1. Where are you from?

Kaipara District: 5% Other parts of Northland: 14% Auckland: 61%

Other parts of NZ: 19% International <1% (note: low international return may reflect reliance upon postal return of survey forms)

2. How many people in your group?

Adults

Children

Adults: 65% Children 35% Note: a significant number of groups are adults only.

Group sizes: 5 or less: 48% 5-10: 38% More than 10: 14%

3. Age range: Under 20 20-30 30-40 40 – 50 50-60 60-70 70-80 80-90 Over:

Responses didn't provide reliable information, but indicated a predominance of those aged less than 20 and between 30 and 60.

Cross referencing suggests that the majority of users are either families or groups of adults, including couples, in the 40-60 year age sector.

4. What is the length of your stay?

<5 days: 28% of groups

5-14 days: 65% of groups

>14 days: 7% of groups

5. How did you hear about the lakes/domain? Friends/family. Internet. Jasons brochure. Information centre. Other:

Friends / family: 92%

Internet: 4%

Other: 1% (balance = no response to this question)

6. Have you been here before?

Yes: 85% of respondents

7. How often do you stay? (N/A)



Annually: 59%

14% have returned for >10 years

17% have returned the past 3-10 years

13% have returned over the past 2 years or occasionally.

8. What activities are you doing while here? Power Boating. Skiing.

Kayaking. Fishing. Biking. Walking. Running. Other:

Power Boating: 45%

Skiing: 40%

Kayaking: 29%

Fishing: 12%

Biking: 62%

Walking: 91%

Running: 20%

Swimming 80%

Other: Jetskiing 3% Windsurfing 3%

9. Do you visit other areas in the Kaipara while staying here?

Yes: 69%

10. If so where?

Beach: 33%

Dargaville: 50%

Hokianga: 15%

Maunganui Bluff: 10%

Waipoua/Tane Mahuta/Trounson: 13%

11. What improvements, if any, would you like to see to facilities in the campground?

Kitchen. Laundry. More Toilets/showers. Café/shop. Hire kayaks/dinghies.

Hire camping equipment. BBQs. Cabins. Dump Station. Other:

Kitchen: 13%

Laundry: 9%

More toilets/showers: 68%

Hire kayaks/dinghies: 7%

Hire camping equipment: 2%

BBQ's: 31%

Cabins: 7%

Dump station: 8%

Recycling: 13%

Cold showers: 12%

Taps: 18%

Shade trees: 13%

Pontoon: 8%

Other: varied. Signage: 3% Buoys: 3%

12. What improvements, if any, would you like to see in the Domain? Tracks upgraded. Interpretation panels. Mountain bike tracks. More picnic tables. Better boat ramp facilities. Information centre. Other:

Tracks: 8%

Interpretation panels: 12%

Mountain bike tracks: 5%

Picnic tables: 27%

Better boat ramp: 10%

Information centre: 12%

Other: Signage: 7% Trees: 7% Buoys: 2%

13. What would you NOT like to see in the domain?

Trees cut down: 8% Pine trees: 8% Change: 3%



14. Would you recommend the campgrounds as a place to stay? Yes No N/A

Yes: 95%

15. If not, what would you improve?

No responses

16. Do you know who administers the campgrounds and domain? No.

DOC. KDC. NRC. Auckland City. Other:

KDC: 95%

17. What would you NOT like to see in the campgrounds?

Powered sites: 17%

Buildings: 24%

Trees cut down: 12%

Commercialisation: 14%

Fee increase: 4%

And a varied range of other individual comments

18. Would you be willing to volunteer to help improve the domain? Yes. No. Maybe.

Yes: 11% No: 57% Maybe: 11%

Further Comments:

45% complimented Andrew and the general management of the campground. (Note: the survey was conducted by others, and not the camp management team)

6% seek the continuation of a 10.30 curfew.



SCHEDULE OF VEGETATION

(primary source: Taharoa Domain Reserve Management Plan 2002)

Native Terrestrial Vegetation

Native Trees



kahikatea	<i>Dacrycarpus dacrydioides</i>
kauri	<i>Agathis australis</i>
kowhai	<i>Sophora microphylla</i>
makamaka	<i>Caldcluvia rosaefolia</i>
nikau	<i>Rhopalostylis sapida</i>
pohutukawa	<i>Metrosideros excelsa</i>
pukatea	<i>Laurelia novae-zelandiae</i>
rewarewa	<i>Knightia excelsa</i>
swamp maire (Maire tawaki)	<i>Syzygium maire</i>
tairaire	<i>Beilschmiedia tarairi</i>
tanekaha	<i>Phyllocladus trichomanoides</i>
tawhero	<i>Weinmannia silvicola</i>
ti kouka	<i>Cordyline australis</i>
totara	<i>Podocarpus totara</i>



Native shrubs/small trees and vines



aka	<i>Metrosideros perforata</i>
akepiro	<i>Olearia furfuracea</i>
coprosma	<i>Coprosma areolata</i>
dracophyllum	<i>Dracophyllum lessonianum</i>
dracophyllum	<i>Dracophyllum viride</i>
five finger	<i>Pseudopanax spp.</i>
hangehange	<i>Geniostoma rupestra</i>
kaiwhiria	<i>Parsonia heterophylla</i>
kanuka	<i>Kunzea ericoides</i>
karamu	<i>Coprosma robusta</i>
karo	<i>Pittosporum crassifolium</i>
kawakawa	<i>Macropiper excelsum</i>
kohuhu	<i>Pittosporum tenuifolium variegatum</i>
koromiko	<i>Hebe stricta</i>
kumarahou	<i>Pomaderris kumeraho</i>
large leaved mahoe	<i>Melicytus macrophyllus</i>
mahoe	<i>Melicytus ramiflorus</i>
mamangi	<i>Coprosma arborea</i>
manuka	<i>Leptospermum scoparium</i>
mapou	<i>Myrsine australis</i>
mingimingi	<i>Leucopogon fasciculatus</i>

mingimingi	<i>Cyathodes fasciculata</i>
pohuehue	<i>Muehlenbeckia complexa</i>
pohutukawa	<i>Metrosideros excelsa</i>
pomaderris	<i>Pomaderris prunifolia</i> var. <i>edglerii</i>
putaputaweta	<i>Carpodetus serratus</i>
rangiora	<i>Brachyglottis repanda</i>
sand kanuka	<i>Kunzea ericoides</i> var. <i>linearis</i>
snowberry	<i>Gaultheria antipoda</i>
tutu	<i>Coriaria arborea</i>
waiuatua	<i>Rhabdothamnus solandri</i>

Native dicot herbs



Jersey cud weed	<i>Gnaphalium luteo-album</i>
NZ Daphne	<i>Pimelea prostrata</i>
orchid	<i>Microtis unifolia</i>
orchid	<i>Spiranthes sinensis</i> subsp. <i>australis</i>
orchid	<i>Thelmitra longifolia</i>
plantain	<i>Plantago australis</i>
prostrate fuchsia	<i>Fuchsia procumbens</i>
sundew	<i>Drosera spatulata</i>
toatoa	<i>Haloragis erecta</i>
willow herb	<i>Epilodion</i> spp



Native (monocot) grasses and grass-like herbs

astelia	<i>Astelia banksii</i>
blueberry	<i>Dianella nigra</i>
danthonia	<i>Rhytidosperma</i> spp.
gahnia	<i>Gahnia</i> spp.
harakeke	<i>Phormium tenax</i>
NZ wind grass	<i>Lachnogrostis filliformis</i>
microlaena	<i>Microlaena (Ehrharta) stipoides</i>
sedge	<i>Lepidosperma laterale</i>

Native Ferns and Allies



bracken fern	<i>Pteridium esculentum</i>
club moss	<i>Lycopodium cernuum</i>
comb fern	<i>Schizea fistulosa</i>
kiokio	<i>Blechnum capense</i>

mamaku (black tree fern)	<i>Cyathea medullaris</i>
ponga (silver fern)	<i>Cyathea dealbata</i>
puakarimu	<i>Lycopodium deuterodensum</i>
pukupuku	<i>Doodia media</i>
ring fern	<i>Paesia scaberula</i>
waewaekaka	<i>Gleichenia dicarpa</i>

Lacustrine Macrophytes



(a) Sedges, rushes and rush-like macrophytes

bamboo spike sedge	<i>Eleocharis sphacelata</i>
baumea	<i>Baumea huttonii</i>
baumea	<i>Baumea juncea</i>
baumea	<i>Baumea rubiginosa</i>
giant rush	<i>Juncus pallidus</i>
jointed twig rush	<i>Baumea articulata</i>



knobby clubrush	<i>Isolepis nodosa</i>
kuta (club rush)	<i>Schoenoplectus validus</i>
oioi	<i>Leptocarpus similis</i>
raupo	<i>Typha muelleri</i>
reed	<i>Juncus bulbosus</i>
reed	<i>Juncus acuminatus</i>
reed	<i>Juncus capitatus</i>
reed	<i>Juncus planifolius</i>
schoenus	<i>Schoenus brevifolius</i>
scirpus	<i>Scirpus inundatus</i>
sedge	<i>Cyperus tenellus</i> ,
toetoe upoko-tangata	<i>Cyperus ustulatus</i>

(b) Herbaceous macrophytes



centella	<i>Centella uniflora</i>
centrolepis	<i>Centrolepis striginosa</i>
drosera	<i>Drosera binata</i>

glossostigma	<i>Glossostigma elatinoides</i>
glossostigma	<i>Glossostigma submersum</i>
gratiola	<i>gratiola sexdentata</i>
hydatella	<i>Hydatella inconspicua</i>
lilaeopsis	<i>Lilaeopsis novae-zelandiae</i>
lilaeopsis	<i>Lilaeopsis ruthiana</i>
lobelia	<i>Lobelia anceps</i>
ludwigia	<i>Ludwigia palustris</i>
myriophyllum	<i>Myriophyllum pedunculatum</i>
myriophyllum	<i>Myriophyllum propinquum</i>
myriophyllum	<i>Myriophyllum votschii</i>
potamogeten	<i>Potamogeten cheesmannii</i>
potamogeten	<i>Potamogeten ochreatus</i>
triglochin	<i>Triglochin striatum</i>

Charophytes

chara	<i>Chara corallina</i>
chara	<i>Chara fibrosa</i>
nitella	<i>Nitella hookeri</i> var. <i>hookeri</i>
nitella	<i>Nitella leptostachys</i> var. <i>leoni</i>
nitella	<i>Nitella pseudoflabellata</i>

Phytoplankton



dinoflagellates

Ceratium hirundinella var. *Robustum*

Peridinium sydneyense

chlorococcales

Nephrocytium agardhianum

desmids

Staurostrum spp.

Hyalotheca dissiliens

Exotic Species And Weeds

Exotic Trees



Alaska spruce

Picea sitchensis

banksia

Banksia marginata

banksia

Banksia integrifolia

black peppermint

Eucalyptus amygdalina

black wattle

Acacia mearnsii

blackwood

Acacia melanoxylon

brush wattle

Paraserianthus lophantha



casuarina	<i>Casuarina</i> spp.
fig	<i>Ficus</i>
flowering gum	<i>Eucalyptus leucoxylon</i> var.
gum trees	<i>Eucalyptus</i> spp
loquat	<i>Eriobotrya japonica</i>
Mexican pine	<i>Pinus patula</i>
monkey apple/lily pily	<i>Acmena smithii</i>
Norfolk Island pine	<i>Araucaria heterophylla</i>
pine	<i>Pinus radiata</i>
poplars	<i>Populus</i> spp.
redwood	<i>Sequoia sempervirens</i>
Sydney golden wattle	<i>Acacia longifolia</i>
silver dollar gum	<i>Eucalyptus cinerea</i>
silver tree	<i>Leucodendron argenteum</i>

Exotic shrubs/small trees and vines



Australian Ngaio

Myoporum acuminatum



bamboo	<i>Bambusa spp.</i>
banana passion fruit	<i>Passiflora mollissima</i>
buddleia	<i>Buddleia spp.</i>
callistemon	<i>Callistemon spp.</i>
Cape/brush Wattle	<i>Paraserianthes lophantha</i>
Cootamundra wattle	<i>Acacia baileyana</i>
fruit trees	<i>Prunus spp. vars.</i>
gorse	<i>Ulex europaeus.</i>
grape	<i>Vitis vinifera</i>
hakea	<i>Hakea sericia</i>
lily of the valley	<i>Convallaria majalis</i>
passion fruit vine	<i>Passiflora spp.</i>
Sydney Golden wattle	<i>Acacia longifolium</i>

Exotic dicot herbs:



buttercup	<i>Ranunculus spp.</i>
common cats-ear	<i>Hypochaeris radicata</i>
centaury	<i>Centaurium erythraea</i>

fireweed	<i>Senecio</i> spp.
foxglove	<i>Digitalis</i> spp.
gnaphalium	<i>Gnaphalium simplicicaule</i>
heath	<i>Erica lusitanica</i>
inkweed	<i>Phytolacca octandra</i>
lesser hawkbit	<i>Leontodon taraxacoides</i>
lotus	<i>Lotus major</i>
periwinkle	<i>Vinca major</i>
purple cud-weed	<i>Gnaphalium coarctatum</i>
ragwort	<i>Senecio jacobaea</i>
scarlet pimpernel	<i>Anagallis arvensis</i>
scotch Thistle	<i>Cirsium vulgare</i>
strawberry/raspberry weed	<i>Rubus</i> spp.
violet	<i>Viola</i> spp.

Exotic monocot grasses and grass-like herbs





fog	<i>Holcus lanatus</i>
narrow leaved carpet grass	<i>Axonopus affinis</i>
pampas	<i>Cortaderia selloana</i>
Paspalum	<i>Paspalum dilatatum</i>
reed	<i>Juncus gregiflorus</i>
sweet vernal grass	<i>Anthoxanthum odoratum</i>
Vasey grass	<i>Paspalum urvillei</i>
watsonia	<i>Watsonia spp.</i>

Exotic ferns

ladder fern	<i>Nephrolepis cordifolia</i>
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