

NPDC Coastal Structures
Monitoring Programme
Annual Report
2018-2019

Technical Report 2019-58

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Executive summary

New Plymouth District Council (NPDC) is responsible for various coastal permits around the New Plymouth area. This report for the period July 2018 to June 2019 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess NPDC's environmental and consent compliance performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of NPDC's coastal structures.

NPDC holds 46 resource consents which are assessed in this monitoring programme. Each consent includes conditions setting out the requirements that NPDC must satisfy. There are 26 permits relating to coastal protection, six permits relating to stormwater outfalls, five permits for access structures, three permits covering stream outlet structures, three permits for bridges and three permits for outfall structures. NPDC holds additional coastal permits which are assessed and reported on within separate site specific monitoring programmes.

During the monitoring period, NPDC demonstrated an overall high level of environmental performance.

The Council's monitoring programme for the period under review included an annual inspection of each of the structures.

The monitoring did not identify any major issues with the structures themselves, nor were any definitive environmental effects recognised. However, a refined monitoring programme is recommended to thoroughly assess the environmental effects caused by some of these structures. Changes to the programme, to be implemented from 2020-2021, are outlined within this report.

During the year, NPDC demonstrated a high level of environmental and administrative performance with their coastal structure resource consents. During the year under review there were no significant incidences or non-compliances with consent conditions.

For reference, in the 2018-2019 year, consent holders were found to achieve a high level of environmental performance and compliance for 83% of the consents monitored through the Taranaki tailored monitoring programmes, while for another 13% of the consents, a good level of environmental performance and compliance was achieved.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at a high level.

This report includes recommendations for the 2019-2020 year, including recommendations to exercise the optional review clauses of three consents.

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1 Introduction

1.1 Compliance monitoring programme reports and the Resource Management Act 1991

1.1.1 Introduction

This report is the Annual Report for the period July 2018 to June 2019 by the Taranaki Regional Council (the Council) on the monitoring programme associated with resource consents held by New Plymouth District Council (NPDC) relating to structures situated within the coastal marine area. The New Plymouth District covers an area of coast from the mouth of the Stony River just south of Okato, and extending some 100 km north to just south of the mouth of the Mokau River. NPDC administers various coastal reserves situated throughout the New Plymouth District.

This report covers the results and findings of the monitoring programme implemented by the Council in respect of the consents held by NPDC that relate to coastal structures. Comments regarding the condition of structures are based on the intended use of the structure and associated requirements set out in the various consents. These comments are not to be regarded as an assessment of their structural integrity. This is the 13th report by the Council to cover the NPDC coastal permits for structures on the open coast and their effects.

1.1.2 Structure of this report

Section 1 of this report is a background section. It sets out general information about:

- consent compliance monitoring under the Resource Management Act (1991) (RMA) and the Council's obligations;
- the Council's approach to monitoring sites through annual programmes;
- the nature of the structures maintained by NPDC and their surrounding environments;
- the resource consents held by NPDC;
- the nature of the monitoring programme in place for the period under review; and

Section 2 presents the results of monitoring during the period under review, including scientific and technical data.

Section 3 discusses the results, their interpretations, and their significance for the environment.

Section 4 presents recommendations to be implemented in the 2019-2020 monitoring year.

A glossary of common abbreviations and scientific terms, and a bibliography, are presented at the end of the report.

1.1.3 The Resource Management Act 1991 and monitoring

The RMA primarily addresses environmental 'effects' which are defined as positive or adverse, temporary or permanent, past, present or future, or cumulative. Effects may arise in relation to:

- a. the neighbourhood or the wider community around an activity, and may include cultural and social-economic effects;
- b. physical effects on the locality, including landscape, amenity and visual effects;
- c. ecosystems, including effects on plants, animals, or habitats, whether aquatic or terrestrial;
- d. natural and physical resources having special significance (for example recreational, cultural, or aesthetic); and

- e. risks to the neighbourhood or environment.

In drafting and reviewing conditions on discharge permits, and in implementing monitoring programmes, the Council is recognising the comprehensive meaning of 'effects' inasmuch as is appropriate for each activity. Monitoring programmes are not only based on existing permit conditions, but also on the obligations of the RMA to assess the effects of the exercise of consents. In accordance with Section 35 of the RMA, the Council undertakes compliance monitoring for consents and rules in regional plans, and maintains an overview of the performance of resource users and consent holders. Compliance monitoring, including both activity and impact monitoring, enables the Council to continually re-evaluate its approach and that of consent holders to resource management and, ultimately, through the refinement of methods and considered responsible resource utilisation, to move closer to achieving sustainable development of the region's resources.

1.1.4 Evaluation of environmental and administrative performance

Besides discussing the various details of the performance and extent of compliance by the consent holder during the period under review, this report also assigns a rating as to NPDC's environmental and administrative performance.

Environmental performance is concerned with actual or likely effects on the receiving environment from the activities during the monitoring year. Administrative performance is concerned with NPDC's approach to demonstrating consent compliance in site operations and management including the timely provision of information to Council (such as contingency plans and water take data) in accordance with consent conditions.

Events that were beyond the control of the consent holder and unforeseeable (that is a defence under the provisions of the RMA can be established) may be excluded with regard to the performance rating applied. For example loss of data due to a flood destroying deployed field equipment.

The categories used by the Council for this monitoring period, and their interpretation, are as follows:

Environmental Performance

High: No or inconsequential (short-term duration, less than minor in severity) breaches of consent or regional plan parameters resulting from the activity; no adverse effects of significance noted or likely in the receiving environment. The Council did not record any verified unauthorised incidents involving significant environmental impacts and was not obliged to issue any abatement notices or infringement notices in relation to such impacts.

Good: Likely or actual adverse effects of activities on the receiving environment were negligible or minor at most. There were some such issues noted during monitoring, from self reports, or in response to unauthorised incident reports, but these items were not critical, and follow-up inspections showed they have been dealt with. These minor issues were resolved positively, co-operatively, and quickly. The Council was not obliged to issue any abatement notices or infringement notices in relation to the minor non-compliant effects; however abatement notices may have been issued to mitigate an identified potential for an environmental effect to occur.

For example:

- High suspended solid values recorded in discharge samples, however the discharge was to land or to receiving waters that were in high flow at the time;
- Strong odour beyond boundary but no residential properties or other recipient nearby.

Improvement required: Likely or actual adverse effects of activities on the receiving environment were more than minor, but not substantial. There were some issues noted during monitoring, from self reports, or in response to unauthorised incident reports. Cumulative adverse effects of a persistent

minor non-compliant activity could elevate a minor issue to this level. Abatement notices and infringement notices may have been issued in respect of effects.

Poor: Likely or actual adverse effects of activities on the receiving environment were significant. There were some items noted during monitoring, from self reports, or in response to unauthorised incident reports. Cumulative adverse effects of a persistent moderate non-compliant activity could elevate an 'improvement required' issue to this level. Typically there were grounds for either a prosecution or an infringement notice in respect of effects.

Administrative performance

High: The administrative requirements of the resource consents were met, or any failure to do this had trivial consequences and were addressed promptly and co-operatively.

Good: Perhaps some administrative requirements of the resource consents were not met at a particular time, however this was addressed without repeated interventions from the Council staff. Alternatively adequate reason was provided for matters such as the no or late provision of information, interpretation of 'best practical option' for avoiding potential effects, etc.

Improvement required: Repeated interventions to meet the administrative requirements of the resource consents were made by Council staff. These matters took some time to resolve, or remained unresolved at the end of the period under review. The Council may have issued an abatement notice to attain compliance.

Poor: Material failings to meet the administrative requirements of the resource consents. Significant intervention by the Council was required. Typically there were grounds for an infringement notice.

For reference, in the 2018-2019 year, consent holders were found to achieve a high level of environmental performance and compliance for 83% of the consents monitored through the Taranaki tailored monitoring programmes, while for another 13% of the consents, a good level of environmental performance and compliance was achieved.¹

1.2 Beach overview

1.2.1 Tongaporutu

Tongaporutu is situated in northern Taranaki, and is a small estuary of around 40 hectares relatively unmodified and containing extensive mudflats. A small settlement, consisting mainly of holiday baches, is located on the true left bank of the estuary. There are various seawalls protecting the baches. Coastal permits for these are held by the bach owners. The Department of Conservation and NPDC are responsible for administering the land surrounding the estuary.

The area is valued as a highly scenic area, with a regionally significant coastal landscape. Various recreational activities including water skiing, white baiting, and floundering are undertaken on the estuary.

There are two sections of gabion basket seawall and four groynes situated on the true left bank of the Tongaporutu River, within the coastal marine area of the Tongaporutu Estuary. The two sections of gabion basket seawall have been in existence for many years, and essentially protect the adjacent land from inundation, flooding, and erosion. While it is recognised that the four groynes affect long-shore sediment movement within the estuary, most of the associated environmental change with respect to the foreshore is

¹ The Council has used these compliance grading criteria for 15 years. They align closely with the 4 compliance grades in the MfE Best Practice Guidelines for Compliance, Monitoring and Enforcement, 2018

considered to have already occurred. The future management decisions regarding the groynes and their potential effects needs to be cognisant of the two high pressure gas pipelines immediately downstream of the groynes.

A public boat ramp has been in existence on the true left bank of the lower Tongaporutu River estuary for many years. The boat ramp is an approximately 4 m wide concrete ramp which stretches from above the high tide mark down into the low tide channel. The boat ramp is extensively used by the public and provides a safe and readily accessible means of launching craft into the river.

1.2.2 Urenui

Urenui Beach is a mixed sand and cobble beach situated between two papa headlands on the North Taranaki coast. The Urenui River is situated at the western end of Urenui Beach, flowing between the beach and the western headland. Depending on river conditions the Urenui River can flow straight out adjacent to the western headland, slightly to the northeast, or at times flow almost parallel with the Urenui Beach foreshore. An extensive wave cut platform, armoured with cobbles and visible at low tide, tapers away from the western headland to the east, ending at about midway along the beach (Figure 1).

The adjacent land used to be Crown owned Recreation Reserve administered by NPDC. This reserve was vested in Ngati Mutunga with their treaty settlement. The eastern end of the reserve is utilised by the Urenui Golf Club. The backshore in this area was formerly characterised by a low lying silt/mud bank with fossilised tree stumps overlain with sand and soil deposits. The western end is utilised as public space, for camping, and by private bach owners (on leased land). The backshore in this area has been historically modified including the flattening and capping of fore-dunes with soil and the planting of grass, flax, shrubs, and trees, consistent with the use of the area as a recreation reserve, but inconsistent with the management and protection of a healthy vegetated foredune.

NPDC conducted on-going public consultation for a number of years regarding coastal erosion at Urenui Beach. NPDC commissioned a report by Dr. J Gibb, (1997) entitled "*Strategic options for the sustainable management of coastal erosion along Urenui Beach, New Plymouth District*". Subsequently, a range of measures have been adopted in an attempt to manage the coastal erosion issue at Urenui.

Following a notified consent process NPDC were granted a coastal permit in August 2001 to build a 295 m boulder rock rip rap seawall in the coastal marine area on the eastern end of the Urenui Beach foreshore for coastal erosion protection purposes. Construction began in September 2001 and was completed in December 2001 (Figure 1).

A permit for a further 311 m of rock rip rap seawall to the west of the existing Urenui seawall was granted in September 2007. However, only 151 m of the seawall was constructed during 2008. Coastal permit 7007-2 was granted in September 2016 to construct a low level seawall structure to the west of the existing seawall (Figure 1). Construction of this protection structure commenced in November 2016 and was completed in March 2017.

An active program of sand push-ups has been applied to remedy the effects of coastal erosion of the foredunes. Dune restoration at Urenui has consisted of a combination of the sand-push-ups and planting of sand binding species seaward of the erosion scarp.



Figure 1 Indicative location of monitored coastal structures in Urenui

1.2.3 Onaero Beach

Onaero Beach is also a mixed sand and cobble beach situated between two papa headlands on the North Taranaki coast. The seawall is bounded on the east by papa cliffs with limited beach at low tide, with little to no beach present at high tide. The eastern end of the seawall protects private property containing a residential dwelling. The central section protects road reserve, again with limited beach at low tide, and little to no beach present at high tide. The western section predominantly protects a NPDC reserve around the middle headland. The seawall then ties into papa cliffs at its western end. These papa cliffs extend down about 300 m to the western headland. Differential erosion along this section is directly related to the variations in the top height of the papa layer. The western end of Onaero Beach beyond the seawall is characterised by a predominantly sandy beach backed by a cobble berm against the coastal cliff. This area is backed by NPDC owned Recreation Reserve, set up as a coastal hazard zone in recognition of the historical erosion rates within this area at the time of subdivision in the 1970's.

Historical adhoc coastal erosion protection measures, including power poles, bridge abutments, timber, steel and broken concrete had been previously licensed by the Harbours Act (1950) Approval 0053PLAN.

In 1996 NPDC applied for a change to a consent condition relating to the Harbours Act (1950) Approval 0053PLAN, to authorise the reconstruction of the seawall by the removal of the concrete, timber and steel, and replacement with boulder rip rap. Subsequently, on 12 September 1996 NPDC was granted coastal permit 5035 to place and maintain a boulder rock revetment seawall of approximately 220 m length at Onaero Beach for coastal erosion protection purposes. The seawall was reconstructed in the following months. Due to continued erosion at the base of the ramp, the boat ramp was extended a further 5-7 m in December 1997.

The eastern end of the seawall which protects private property at 30 Onaero Beach Road is licensed by coastal permit 4986 which was transferred to private ownership in 2004 and is considered in a separate report.

In July 2001 concern was raised by locals, through NPDC, regarding erosion of the reserve situated to the west of the seawall. In this regard it was noted that the reserve was specially set aside as a Coastal Hazard Zone at the time of the subdivision.

1.2.4 Waitara

The Waitara River supplies a bed load of sand, gravel and boulders derived from the Egmont Volcanic Zone to nourish the coast (Gibb, 1996a). The area adjacent to the river mouth is aligned west to east and is composed of boulders, gravel and sand overlaying an eroding, wave-cut platform from a Pleistocene volcanic lahar. The Waitara River splits the beach into Waitara East Beach and Waitara West Beach. West Beach is backed by Former Harbour Board land, now endowment land currently vested in NPDC. The mixed sand and cobble beach is backed by a low coastal scarp covered in grass. East Beach is backed by NPDC Recreation Reserve and the Rahotu Block. The mixed sand and cobble beach is backed by a cobble bank that merges into grassed areas.

Historical use of the Waitara River as a port is evident due to the historical groynes situated at the mouth (Figure 2). Tonkin and Taylor (2001) provide a history of the training walls, in brief:

- 1885: Mouth confined to 70 m width between East and West Moles built of concrete;
- Floods during 1965, 1967 and 1971 demolished parts of the East Mole, resulting in a 110 m long section being replaced with a half tide wall;
- A massive flood in 1990 further damaged the East Mole, partly demolishing the half-tide wall and inner concrete blocks. By 1996, only 60 m of the concrete blocks comprising the outer detached East Mole remained;
- The West Mole has remained essentially intact (some outer blocks have tilted as a result of scour in the 1930's and 1950's but have remained in situ).

Coastal permit 4600 was granted in July 1995 to NPDC to erect, place and maintain the existing training works (including the 1994 emergency works on the true right bank), situated within the coastal marine area at the mouth of the Waitara River.

In August 1995 NPDC applied for a change to consent conditions of coastal permit 4600 to provide for the upstream extension of the existing protection works on the true right bank. This change was granted in September 1995 for coastal permit 4600 to place and maintain the existing training works (including the 1994 emergency works and upstream protection works on the true right bank), situated within the coastal marine area at the mouth of the Waitara River.

In 1996 NPDC commissioned Dr J Gibb, to produce a report entitled "Strategic options for the training moles at the Waitara River Mouth, Tai Haururu, New Plymouth District". Gibb (1996a) recommended to NPDC that the function of the moles be changed to groynes to stabilise erosion.

Following the Gibb (1996a) report, in May 1997 NPDC applied for a change to consent conditions of coastal permit 4600 to provide for the reconstruction of the upstream true left bank and the tip of the western groyne. This change was granted in May 1997 for coastal permit 4600 to erect, place and maintain the existing training works and associated structures (including the 1994 emergency works), the upstream protection work extension on the true right bank, the reconstruction of the true left bank immediately upstream of the concrete wall, and the reconstruction of the tip of the western groyne situated within the coastal marine area at the mouth of the Waitara River. This work was completed in June 1997.

Also, in April 1997 NPDC applied for a change to consent conditions of coastal permit 4600 to provide for the construction of a new 77 m groyne on the eastern bank. This change was granted in July 1997 for coastal permit 4600 to erect, place and maintain the existing training works and associated structures (including a new groyne of approximately 77 m in length on the true right bank) situated within the coastal marine area at the mouth of the Waitara River. This work was initiated in September and completed in October 1997. This groyne is located approximately 100 m southeast of the former East Mole, resulting in a wider river channel (Figure 2).

In September 1997 part of the consent relating to protection work on the true left bank upstream of the solid concrete wall was transferred to the Council.



Figure 2 Indicative location of monitored coastal structures at Waitara

It is noted that beach profiles were set up on both east and west beach, and monitored by way of survey on regular occasions. A report (Gibb, 1999) on the performance of the groynes was forwarded to Council in January 2000. The report assessed profile changes between February 1997 and November 1999. East Beach had accreted significantly since the construction of the new groyne. West Beach had also accreted and was considered to have reached full capacity about the end of 1998. It was also noted that the river bar had a height of 2.8 m above MLWS with a volume of about 55,000 m³.

Gibb (1999) considered that the bar had accreted about 5,000 m³ per month during 1999. It was noted that the bar could last for anywhere between 1 to 14 years depending on when it was destroyed by the next major flood event. Gibb (1999) also considered that the remains of the eastern mole were a navigation hazard and served no useful function. Gibb (1999) therefore recommended that the remains of the eastern mole should be removed.

A new coastal permit was granted in place of consent 4597 to enable upgrades to the boat ramp and jetty. Consent 4597 expired on 1 June 2009.

1.2.5 Bell Block

Bell Block is a coastal settlement situated between New Plymouth and Waitara. The beach is composed of mixed sand and cobbles, and occasionally exposed rock from the wave cut platform. Residential developments along Wanaka Terrace off Mangati Road, and Tiromoana Crescent off Wills Road, are very close to the coast. Concerns regarding erosion in the late 1970's/early 1980's resulted in the construction of a boulder rock rip rap seawall under the then Harbours Act 1950.

The area has a long history of gradual erosion, with the shoreline at the Bell Block Recreational Reserve between Mangati and Wills Streets being marked by a 2 to 2.5 m erosion scarp prior to the construction of protection works.

In 1989 the existing Bell Block seawall was extended to the northeast by 200 m to a total length of about 640 m. The extension was subject to plan approval by the Minister of Conservation pursuant to Section 178 of the Harbours Act 1950.

The extension stopped approximately 50 m from the boundary to the property of Mr Terry McLean. Mr McLean objected to the proposed extension as he believed it would lead to the accelerated erosion of his property. Subsequently, the occurrence of accelerated erosion on the McLean property has been the subject of much debate, and the focus of two independent reports (by Lumsden, 1993 and 1995, Coastal Engineering Consultant for NPDC).

NPDC subsequently reached agreement with Mr McLean with respect to his concerns. NPDC agreed to pay Mr McLean an undisclosed sum for the property. NPDC then applied to Council to change the conditions of the coastal permit to recognise that the matter had been settled. Coastal permit 5102 was subsequently granted to NPDC on 11 July 1997.

In June 2004, NPDC was granted a change to the conditions of coastal permit 5102 in order to extend the seawall by about 70 m to the east. The existing seawall had a length of about 640 m, but stopped about 50 m short of the eastern edge of Wills Road. Erosion to the east of the existing seawall had reached a point whereby there was a real potential to undermine and erode the formed section of Wills Road and also part of Tiromoana Crescent. The least distance to the edge of the seal as at the time of the application was 6 m.

In May 2005, a further change to consent conditions was granted to allow a 30 m extension to the rock protection structure at Bell Block, to the west and into the mouth of the Mangati Stream. Erosion was occurring down the southern end of the beach as the existing wall did not provide protection this far along.

Larger rocks were placed to form a rock step access to replace the existing wooden steps that were used for public access to the beach. NPDC built a protection structure up the stream as far as the gabion retaining wall on the true right bank for the Mangati Stream. Consent 5102-2 expired in June 2008 and this was replaced by 5102-3 in May 2008.

Currently, the NPDC seawall extends to the eastern edge of the Wills Road reserve, with a private seawall extending a further 200 m to the east.

1.2.6 Waiwhakaiho

The Waiwhakaiho groyne is situated on the true left bank of the Waiwhakaiho River. The groyne was originally constructed of timber in 1973, with 50 m of the structure covered in boulders in 1977, and a further 50 m covered in 1978, with rock rip rap being more recently extended upstream on the true left bank. The groyne has a dual purpose in training the mouth of the Waiwhakaiho River and stabilising the adjacent beach to the west.

In June 1994 the Waiwhakaiho groyne was licensed by coastal permit 4585 under the RMA. In 1996 the tip of the groyne was reconstructed following its collapse. At this time it was noted that while the exact length of the groyne was not certain, the length should not exceed 100 m.

The Tonkin and Taylor report (2001) noted that the groyne had trapped a large volume of sand material on Fitzroy Beach on the up-drift side of the structure, with a probable corresponding sediment starvation and possible accelerated erosion on the northeast side of the river. However, Tonkin and Taylor also noted that the up-drift fillet on Fitzroy Beach created by the groyne may be nearly full, with the beach extending the full length of the structure. Hence, if there are no alterations to the groyne, higher volumes of sediment are likely to bypass the structure in the future, resulting in a higher rate of supply to the beach to the northeast and a corresponding reduction in erosion potential.

A pedestrian bridge was constructed over a tidal inlet of the Waiwhakaiho River estuary in the 1960's. The bridge is approximately 20 m long, supported by concrete abutments and has associated rock rip rap

protections works. The tidal inlet was created in 1964 as part of an upgrade to the water system for Farmers Fertiliser Limited (now Ravensdown). The bridge was part of the water intake system, with barriers placed between the bridge supports to act as a dam. Extraction of water from this site is no longer occurring and is now used for public recreation. This foot bridge had extensive maintenance and refurbishment completed during the same period as construction of the new large Te Rewarewa Footbridge (consent 7442-1). The Te Rewarewa Footbridge was consented on 13 March 2009 in order to provide access for an extension to the coastal walkway. Construction of this bridge and extension of the walkway was conducted during 2009 and 2010.

1.2.7 Fitzroy to Te Henui

Fitzroy/East End Beach comprises of a thin veneer of fine iron-sand overlying a cobble, wave-cut platform which extends 1,600 m between the Te Henui Stream in the west and the Waiwhakaiho River in the east.

Sediment trapping and dredging at Port Taranaki have previously starved these beaches of sediment over the last century resulting in erosion of the beach. Numerous beach re-nourishment and inshore dumping of dredge material trials have been undertaken at Fitzroy and East End over the past 30 years in an attempt to maintain sand levels and prevent erosion (see Tonkin and Taylor, 2001 for further details).

Between Waiwhakaiho and Fitzroy the foreshore is backed by vegetated dunes. NPDC continues to undertake a proactive role in the management of the dune system including appropriate dune plantings.

While this stretch of beach is mostly backed by sand dunes, various structures also exist: two groynes (at the mouths of the Te Henui and Waiwhakaiho); boulder toe protection and a concrete access ramp at Fitzroy; a 355 m boulder rip rap seawall and concrete access ramp at East End; and three stormwater outlets.

Fitzroy

Consent for a 450 mm diameter stormwater outlet pipe situated approximately 50 m to the northeast of Fitzroy boat ramp (permit 6226) was surrendered in November 2007 (and hence not subject to this report). The original outlet pipe was replaced by three 250 mm diameter pipes in November 2003, as authorised by permit 4596. The stormwater outlet discharges stormwater runoff from the Fitzroy Motor Camp and car parking area.

Coastal permit 4586 licenses a concrete boat ramp and boulder toe protection, immediately in front of the Fitzroy Surf Life Saving Club, which has club rooms positioned on top of the foredune. Following Cyclone Drena in January 1997, maintenance in the form of rock and sand placement at the toe of the Fitzroy concrete access ramp was undertaken to reinstate access. In December 1997 a concrete toe was laid on the boat ramp, boulders which had rolled down the beach were repositioned, and some broken concrete between the boulders and the ramp was removed. In July 1999, clay was placed at the toe of the ramp to reinstate access, boulders were repositioned, and an additional 20 tonnes of boulders were placed in the boulder toe protection structure.

A modified dune field extends between Fitzroy and East End.

East End

There is a concrete boat ramp and rock rip rap seawall in front the East End Surf Life Saving Club (Figure 3). This was built before 1930, with additions made in 1954 and boulder armour placed in 1980 (Tonkin and Taylor 2001). In 1994 NPDC applied for a coastal permit to construct a boulder rock rip rap seawall extending from East End to the mouth of the Te Henui Stream a distance of about 290 m. Following a notified consent process coastal permit 4523 was granted in November 1994. An application for a change to consent conditions of coastal permit 4523 to provide for a variation in the cross-sectional design was granted in May 1995. The seawall was subsequently constructed in June/July 1995. It is noted that surveys of beach profiles prior to construction (January 1995) were forwarded to Council in July 1995. In accordance

with the requirements of special condition 3 of coastal permit 4523, four beach profiles were set up and surveyed in August 1995 for monitoring purposes.

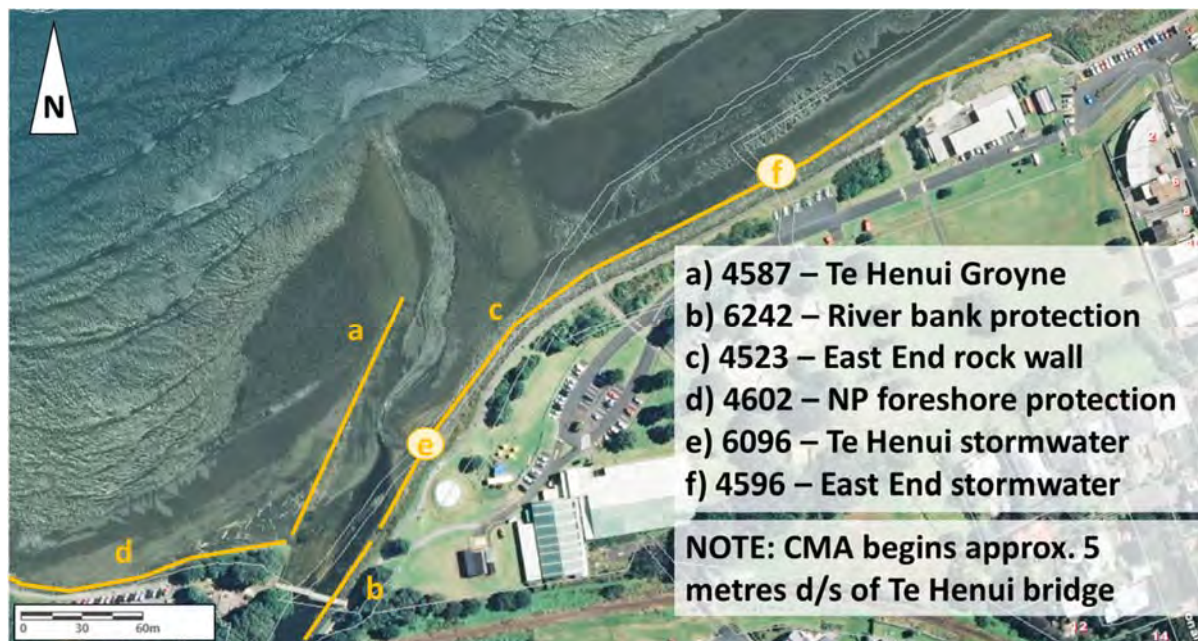


Figure 3 Indicative location of monitored coastal structures between East End and Te Henui

Tonkin and Taylor (2001) noted that there was general instability along the dune face over the total length of the beach, and as such it was difficult to determine if instability in the dune face at the end of both the seawalls was caused by the revetments, or one or more of various other factors, such as the Te Henui groyne, Port bypass, and various beach re-nourishments. Tonkin and Taylor (2001) considered that the East End revetment has sufficient size to cause wave reflection and refraction in storm events, and therefore could result in potential "end effects". Due to the low and piecemeal nature of the Fitzroy revetment, Tonkin and Taylor considered that this structure would have only limited effect on coastal processes.

Changes to consent 4523 were granted in May 2005. These changes allowed an extension of the seawall from 290 m to 355 m.

It is also noted that two stormwater outlets (originally licensed as existing structures by coastal permit 4596) were incorporated into the constructed seawall. These were a 600 mm diameter pipe situated about midway between East End and the mouth of the Te Henui Stream, and a 1,050 mm diameter pipe and associated boulders situated at the north-eastern end of the seawall (permit 6096).

Following Cyclone Drena in January 1997 maintenance in the form of rock and sand placement at the toe of the East End concrete access ramp was undertaken to reinstate access.

In January 1999 NPDC undertook modifications to the East End seawall by providing an access ramp at the eastern end and altering the adjacent stormwater outlet. At the request of the Council a plan showing the modifications was provided in April 1999. Coastal permit 4843 was surrendered on 13 October 2004.

Te Henui

The Te Henui groyne was licensed as an existing structure in June 1994 by way of coastal permit 4587. The groyne structure was built in 1979, is located on the true left bank of the Te Henui Stream, and extends at an oblique angle (about 20 degrees of perpendicular toward the northeast; Figure 3).

A small sandy beach exists to the west of the Te Henui groyne in an area commonly known as Boulder Bay. This beach is backed by a vertical concrete wall and boulder rock rip rap armouring. This protection represents the start of the New Plymouth seawall protection licensed by coastal permit 4602.

Coastal permit 6242 allows for gabion basket and rock rip rap protection on the true right bank within the coastal marine area of the Te Henui Stream. This consent was granted in January 2004.

1.2.8 New Plymouth City

The city of New Plymouth lies along a section of coastline consisting of intertidal platform reefs, giving the appearance of a number of small finger reefs between patches of boulders and cobbles. Sand is limited to small patches on the platform and along the foreshore (Tonkin and Taylor, 2001). There is an almost continuous seawall from the mouth of the Te Henui Stream through to the Lee Breakwater, a distance of some 3.5 km. This length of seawall was constructed on an adhoc basis throughout the 20th century.

The existing New Plymouth seawall was licensed under the RMA by coastal permit 4602 granted in May 1995. The issue of this coastal permit also authorised the tidying up and laying of rock rip rap over a distance of about 160 m adjacent to the Bunnings Warehouse building that is between Pari Street and Liardet Street. This work was conducted in October/November 1995. It is also noted that there is a gap of about 250 m between Kawaroa Park and Belt Road.

Following Cyclone Drena (January 1997), maintenance was conducted in March 1997 in front of the carpark to the east of Kawaroa. This consisted of reinstatement and topping-up of boulder rock rip rap protection. In December 1997 maintenance work was conducted between Queen Street and the mouth of the Te Henui Stream. This work included the repositioning and topping up of boulders at 13 designated sites to cover exposed sections of the old concrete structure and to reform a 2:1 seaward slope. The work involved an additional 1,160 tonnes of boulders. Maintenance under Rule C1.1 of the Regional Coastal Plan for Taranaki (RCP) is permitted provided that the size of the structure does not increase beyond its original size. No plans were held regarding the size of the existing structure. Therefore, as a result of this maintenance it was determined that a survey of the existing structure should be undertaken to act as a record of the structure's dimensions.

In March 1998 part of coastal permit 4602, being the section from the eastern Kawaroa carpark through to the Tasman Prospect Reserve (near Queen Street), was transferred to Tranz Rail (authorised by coastal permit 5305). Part of this section was subsequently reconstructed as maintenance under Rule C1.1 of the RCP.

In April 1998 NPDC forwarded initial concept plans to upgrade the New Plymouth seawall. This was followed up in April 1999 with finalised plans, which were deemed to fit within the requirements of Rule C1.1 of the RCP and therefore be classified as permitted. The key factors in making this decision was that it would not extend further seaward than the position of the toe of the existing seawall and that it represented a significant improvement to the condition of the existing structure.

In May 1999 repositioning and additional rock top-up was conducted in several areas between the Te Henui Stream and Queen Street. An additional 718 tonnes of rock was placed in some 20 locations. It was also noted that steel had surfaced in some areas and that this was to be removed at the time of the works.

Details of further upgrade work were forwarded by NPDC in September 1999 and was again deemed to be permitted under Rule C1.1 of the RCP. In January 2001 Council confirmed that Stage 3 of the New Plymouth seawall upgrade was also considered to meet the requirements of Rule C1.1 of the RCP.

In July 2001 the Council confirmed that NPDC proposed upgrades to the section of seawall between the Lee Breakwater and Belt Road would also be deemed as a permitted activity pursuant to Rule C1.1 of the RCP, provided the upgraded structure essentially remained within the general footprint of the existing structure. It was also recommended that the written agreement of Port Taranaki should be obtained.

1.2.9 Back Beach and Oakura

Back Beach

Paritutu, or 'Back Beach' as it is more commonly known, is situated on the western edge of New Plymouth City and the Sugar Loaf Island Marine Park. The beach is formed by sands deposited over eroded volcanic basement rock and wedged up against coastal cliffs, thereby limiting the beach width at high tide. The sand beach extends from the base of Paritutu through to the western end of the Omata Tank Farm. The area represents a dramatic contrast of natural beauty (Centennial Park Reserve, Paritutu, and the Sugar Loaf Islands) and industry (Omata Tank Farm, high voltage transmission lines, Dow Agro Sciences, and the power station chimney). The beach is popular with surfers, para-gliders, the general public (for walking, and swimming) and kite-boarders.

A coastal permit was granted in February 2005 so that maintenance on an existing boat ramp adjacent to the bottom carpark could be undertaken. This involved repairing the eroded ramp, adding an extra concrete pad at the top of the ramp, and placing round rocks for access to the beach off the ramp. It was also anticipated that periodic sand push-ups to the front edge of the ramp would be an ongoing requirement.

Oakura

Oakura Beach is situated at a small coastal settlement about 8 km southwest of New Plymouth. Extending the length of the township, the wide sandy beach is approximately 2 km long, backed by small dunes. The beach comprises of a thin veneer of sand overlying an intertidal boulder platform. Offshore there are cobble and boulder reefs. NPDC administers the esplanade reserves along the beach.

Oakura Beach is used extensively for recreational purposes, including walking, running, horse riding, camping, fishing, and water sports such as swimming, surfing, and windsurfing.

There are ongoing issues with coastal erosion at this beach, exacerbated by the close proximity of houses to the beach on the seaward side of Messenger Terrace. As a consequence there is a piecemeal pattern of rock revetments along the beach, as land owners have tried to protect their properties. These revetments are all constructed to different design criteria, displaying different degrees of adequacy in fulfilling their protection functions. The seawalls located in front of the private properties on the seaward side of Messenger Terrace are private structures with coastal permits held by the property owners. NPDC has a coastal permit for rock rip rap along the public areas of the beach.

1.3 Resource consents

NPDC holds 46 resource consents which are included in this monitoring programme. Resource consent details are summarised in the table below. Summaries of the conditions attached to each permit are set out in Section 3 of this report.

A summary of the various consent types issued by the Council is included Appendix I, as are copies of all permits held by the Company during the period under review.

Table 1 Summary of coastal structure permits held by NPDC

Consent Number	Sub-type	Location	Purpose	Expiry Date	Next review
4004-3	Boat ramp	Tongaporutu River Estuary	Boat ramp – use and maintain	1/6/2027	1/6/2021
4019-2	Protection	Urenui River Estuary	Riverbank protection works	1/6/2021	-
4065-3	Boat ramp	Urenui River Estuary	Boat ramp – use and maintain	1/6/2027	1/6/2021
4183-2	Protection	Urenui River Estuary	Riverbank protection works	1/6/2021	-

Consent Number	Sub-type	Location	Purpose	Expiry Date	Next review
4322-2	Outlet structure	Mangaotuku Stream	Flood control purposes	1/6/2026	1/6/2020
4523-1	Protection	East End Beach	Erect and maintain a rockwall	1/6/2025	-
4583-2	Protection	Oakura River Estuary	Erect, place and maintain rock boulder protection works, and to occupy coastal space	1/6/2026	1/6/2020
4584-2	Protection	Oakura Beach	Erect and maintain a boat ramp, foreshore protection works and other associated structures	1/6/2025	-
4585-2	Protection	Waiwhakaiho River Mouth	Rock groyne – erect and maintain	1/6/2026	1/6/2020
4586-2	Protection	Fitzroy Beach	Erect and maintain a boat ramp, protection works and occupy coastal space	1/6/2026	1/6/2020
4587-2	Protection	Te Henui Stream Mouth	Rock groyne – erect and maintain	1/6/2026	1/6/2020
4590-2	Bridge	Onaero River Estuary	Bridge – use and maintain	1/6/2027	1/6/2021
4592-2	Outlet structure	Hongihongi Stream	Erect, place and maintain an outlet structure	1/6/2026	1/6/2020
4594-2	Outlet structure	Mangaotuku Stream	Erect, place and maintain an outlet structure	1/6/2026	1/6/2020
4595-3	Outfall	Eliot Street Coastal Area	Occupy coastal marine area with a marine outfall	1/6/2032	1/6/2020
4596-2	Outlet structure	East End and Fitzroy Beach	Erect, place and maintain 2 stormwater outlet structures	1/6/2026	1/6/2020
4598-2	Outlet structure	Waitara River Estuary	Use and maintain stormwater outlet	1/6/2027	1/6/2021
4600-2	Protection	Waitara River	Use and maintain training walls	1/6/2027	1/6/2021
4602-1	Protection	New Plymouth Foreshore	Place and maintain rock protection works, rock revetment and stormwater outlet structures	1/6/2025	-
4603-2	Bridge	Waiwhakaiho River Estuary	Erect, place and maintain a concrete foot bridge	1/6/2026	1/6/2020
4818-2	Protection	Tongaporutu Estuary	Use and maintain four groynes and rip rap	1/6/2027	1/6/2021
4900-2	Outlet	Waitara River Estuary	Use and maintain stormwater outfall	1/6/2027	1/6/2021
5035-1	Protection	Onaero Beach	Place and maintain boulder rock seawall	1/6/2026	-
5102-4	Protection	Bell Block	Erect, place and maintain boulder rock seawall	1/6/2026	1/6/2020
5160-2	Outfall	New Plymouth Foreshore	Occupy coastal marine area with a stormwater outfall	1/6/2025	-
5182-2	Outfall	Ngamotu Beach	Occupy coastal marine area with a stormwater outfall	1/6/2032	1/6/2020
5223-3	Protection	Oakura Beach	Occupy coastal marine area with a stormwater outfall and boulder rip rap minor toe protection	1/6/2048	1/6/2020

Consent Number	Sub-type	Location	Purpose	Expiry Date	Next review
5412-3	Protection	Oakura Beach	Occupy coastal marine area with a boulder rip rap	1/6/2048	1/6/2020
5523-3	Protection	Wairau Stream, Oakura Beach	Occupy coastal marine area with a boulder rip rap	1/6/2048	1/6/2020
5761-2	Protection	Urenui Beach Foreshore	Maintain boulder rock rip rap seawall	1/6/2050	1/6/2021
6096-1	Outlet structure	East End Beach	Erect, place and maintain stormwater outlet structure	1/6/2021	-
6242-1	Protection	Te Henui Stream Estuary	Erect, place and maintain gabion basket and rock rip rap protection	1/6/2020	-
6270-1	Protection	Oakura River Estuary	Erect, place and maintain rock rip rap boulder protection	1/6/2020	-
6411-1	Protection	Urenui River Estuary	Erect, place and maintain gabion basket and rock rip rap protection	1/6/2020	-
6525-1	Other	Waitara River	Erect, place and maintain stormwater outlet structure	1/6/2021	-
6553-1	Boat ramp	Paritutu/Back Beach	Erect, place and maintain existing boat ramp	1/6/2020	-
7007-2	Protection	Urenui Beach	Erect, place and maintain a rock rip rap seawall	1/6/2033	1/6/2021
7255-1	Boat ramp	Waitara River	Remove a boat ramp, to erect and maintain an upgraded boat ramp, jetties and pontoons	1/6/2027	1/6/2021
7442-1	Bridge	Waiwhakaiho River	Erect, place and maintain a footbridge	1/6/2026	1/6/2020
7649-1	Protection	Waiwhakaiho River	Erect, place and maintain rip rap seawall	1/6/2026	1/6/2020
7718-1	Outlet	Waitara River	Install, use and maintain outlet structure	1/6/2027	1/6/2021
9287-1	Protection	Onaero River	Place and maintain rock groynes	1/6/2027	1/6/2021
9328-1	Protection	Waitara River	Erect boulder wall	1/6/2027	1/6/2021
10132-1	Protection	Onaero Beach	Construct incision repairs	1/6/2050	1/6/2021
10437-1.2	Protection	Urenui Estuary	Erect and place rock rip rap wall	1/6/2033	1/6/2021
10528-1	Other	Waitara Estuary	Construct a timber boardwalk	1/6/2033	1/6/2021

1.4 Monitoring programme

1.4.1 Introduction

Section 35 of the RMA sets obligations upon the Council to gather information, monitor and conduct research on the exercise of resource consents within the Taranaki region. The Council is also required to assess the effects arising from the exercising of these consents and report upon them.

The Council may therefore make and record measurements of physical and chemical parameters, take samples for analysis, carry out surveys and inspections, conduct investigations and seek information from consent holders.

The monitoring programme for the NPDC coastal structures consisted of two primary components.

1.4.2 Programme liaison and management

There is generally a significant investment of time and resources by the Council in:

- ongoing liaison with resource consent holders over consent conditions and their interpretation and application;
- in discussion over monitoring requirements;
- preparation for any consent reviews, renewals or new consent applications;
- advice on the Council's environmental management strategies and content of regional plans; and
- consultation on associated matters.

1.4.3 Site inspections

Structures were visited once during the monitoring period. With regard to permits for coastal structures, the main points of interest were whether the structure was fulfilling its consented purpose (and complying with special conditions) and whether there were any resulting environmental effects (including end effects).

2 Results

2.1 Tongaporutu

An inspection took place at Tongaporutu on 17 May 2019. No significant issues were identified at the boat ramp (permit 4004), although some of the sand bags on the upstream side of the ramp had been shifted out of place slightly. The rock groynes (permit 4818) appeared to be in good condition, with no apparent changes noted since the previous inspection (Photo 1). The scouring that had occurred between the groynes did not seem to have worsened. An as-built survey of these structures was carried out and provided to Council in September 2018.



Photo 1 Tongaporutu groynes (top: May 2018, bottom May 2019)

2.2 Urenui

Urenui was visited on 15 May 2019. The riverbank protection structures by the boat ramp and the Camp Manager's residence (permits 4019 and 4183, respectively), and the boat ramp itself (permit 4065) all appeared to be in good condition, with no issues noted. The newly constructed rock rip rap, on the true left bank (permit 10437), was in good condition (Photo 2). However, it should be noted that NPDC have had to apply for a change in consent condition as the rock size varied from that stipulated in the original plans. No issues were noted with the gabion basket or rip rap (permit 6411) associated with the stormwater outlet on the true left bank of the river.

The rock rip rap seawall at the eastern end of Urenui Beach (permit 5761) was in good condition. Considerable maintenance works were undertaken in October 2018, whereby various sections of the wall were reshaped with approximately 480 tonnes of rock.



Photo 2 Urenui Estuary rock rip rap, May 2019

The rip rap half-wall extension was found in good condition and did not appear to be suffering end effects from the adjacent seawall, nor did it appear to be causing any end effects itself. The half wall appeared to have provided adequate protection for the dune over the past year, with the sand binding grasses increasing in cover (Photo 3).



Photo 3 Urenui Beach western half-wall and dunes (top: May 2018, bottom: May 2019)

2.3 Onaero

An inspection was undertaken on 17 May 2019 at the camp bridge which crosses the Onaero River (permit 4590), the Onaero River rock groynes (permit 9287), the Onaero settlement seawall (permit 5035) and the incision repairs (permit 10132). The incision repairs were also inspected earlier in the monitoring year on 11 September 2018.

No significant issues were noted with the camp bridge or rock groynes at the time of the inspection, however, the seaward extent of the groyne structure appears to have come apart slightly.

There were no apparent issues with the Onaero settlement seawall nor were any end effects identified along the adjacent unprotected coastline north of the structure. This seawall was also strengthened and reshaped in late 2018, requiring approximately 592 tonnes of additional rock. The beach profile had lowered since the previous inspection, and a cobble strip had appeared at the top of the beach (Photo 4).



Photo 4 Onaero Beach settlement seawall (top: May 2018, bottom: May 2019)

Compared to the first inspection undertaken in September 2018, the state of the incision repairs did not appear to have worsened when re-inspected in May 2019 (Photo 5). No end effects were identified. As was noted in front of the main seawall, there were parts of the beach where considerable changes were evident, with regard to sand volume and cobble presence/absence.

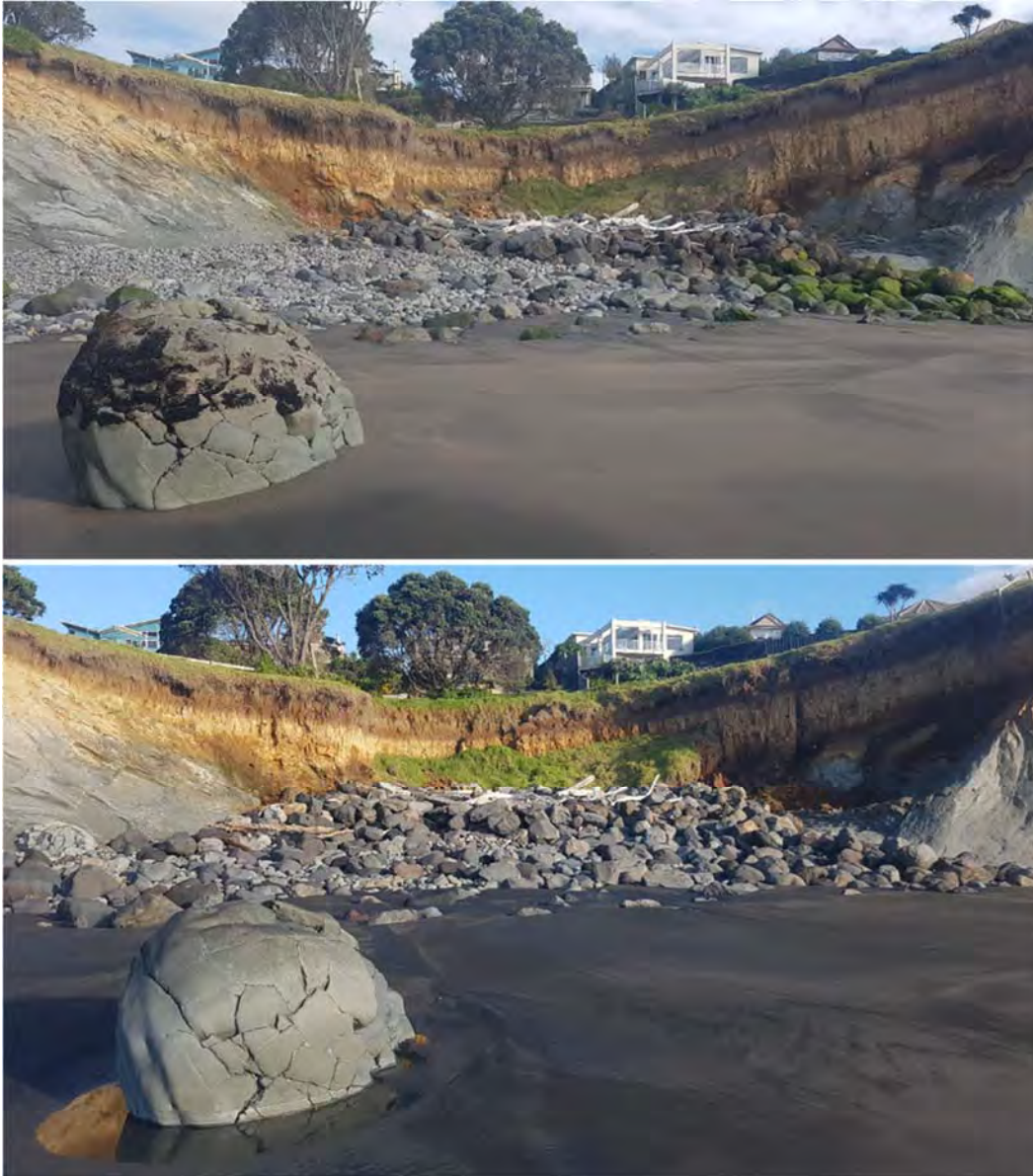


Photo 5 Onaero incision repair (repair one of four) (top: September 2018, bottom: May 2019)

2.4 Waitara

Coastal structures at Waitara were visited on 24 May 2019 in relation to eight coastal permits. The outlet structure downstream of Atkinson Street (permits 4598 and 7718) was in good condition, although some scour was noted beneath the base (Photo 6). It was low tide at the time of the inspection but it appeared that fish passage would be achieved at high tide.

No issues were noted with the stormwater outlet structure on McNaughton Street (permit 4900).

No significant issues were identified with the stormwater outlet by the Atkinson Street/East Quay intersection (permit 6525). However, the outlet flap had become partially buried with sand (Photo 7).



Photo 6 Outlet structure downstream of Atkinson Street (May 2019)



Photo 7 The stormwater outlet by the Atkinson Street/East Quay intersection (May 2018)

Based on what was observed at the time of the inspection, there were no apparent issues with the Waitara River mouth groyne structures (permits 4600 and 9328). The eastern beach had undergone considerable change since the previous inspection. Specifically, the lower section of the beach appeared to have lost sand volume, while a large volume of cobbles had been deposited higher up the shore (Photo 8).

The boat ramp and jetty (permit 7255) appeared in good condition at the time of inspection on 24 May 2018.

Construction of the Waitara estuary boardwalk (permit 10528) was underway during the year. The works were carried out within the designated three metre boardwalk corridor, and no work occurred when the site was inundated with the tide. The project team consulted with the Council and DOC upon encountering minor logistical issues, which were subsequently resolved. Weekly meetings were also held by the project team to update interested parties on the progress of the works.



Photo 8 Waitara groyne (top: May 2018, bottom: May 2019)

2.5 Bell Block

An inspection of the seawall at Bell Block Beach took place on 16 May 2019 (permit 5102). The structure itself appeared to be in a satisfactory condition and no end effects were apparent. The volume of cobble and rock amongst the seawall at the top of the beach appeared to have decreased from the previous two years (Photo 9, Photo 10). Maintenance works were undertaken to shift excess rock and cobble from in front of the access ramp on one occasion in January 2019.



Photo 9 Seawall at Bell Block Beach (clockwise from top left: May 2016, May 2017, May 2018, May 2019)

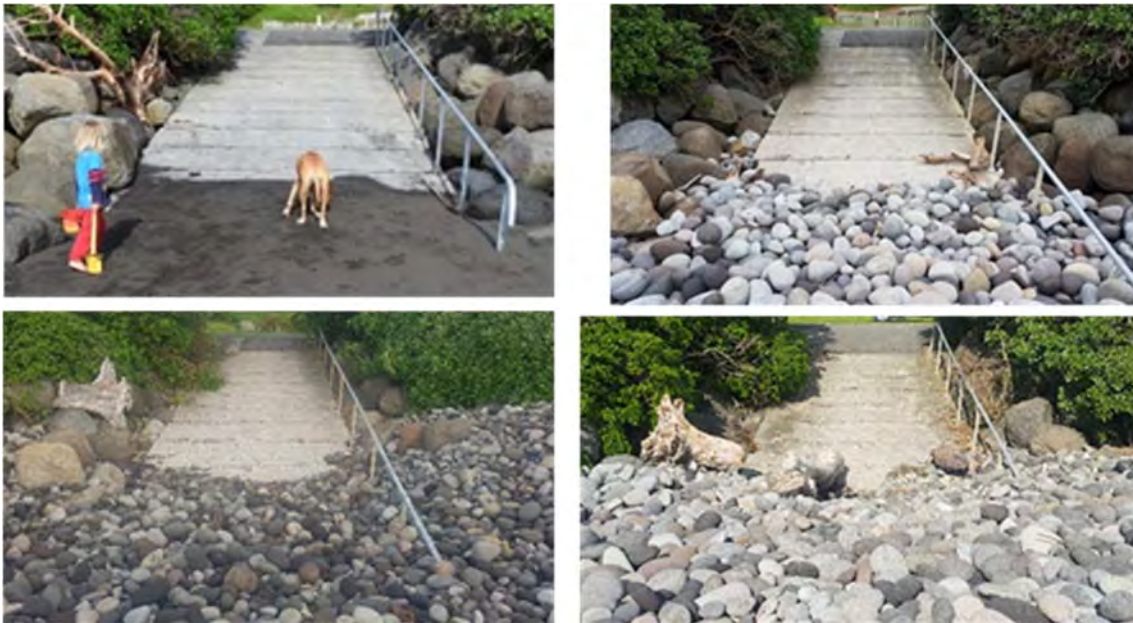


Photo 10 Access ramp at Bell Block Beach (clockwise from top left: May 2016, May 2017, May 2018, May 2019)

2.6 Waiwhakaiho

An inspection of the four coastal structures at Waiwhakaiho was carried out on 16 May 2019 (permits 4585, 4603, 7442 and 7649).

The groyne and associated rock rip rap (permit 4585) did not appear to have changed or deteriorated since the previous inspection. However, similar to the observations made further north, the adjacent beach composition and profile had changed noticeably; as the accumulation of cobble and rock was no longer present (Photo 11).



Photo 11 Waiwhakaiho groyne (top: May 2018, bottom: May 2019)

No issues were observed with the foot bridge, its associated protection structures (permits 4603, 7649) or the Te Rewa Rewa bridge river bank protection structures (permit 7442) during the May inspection.

2.7 Fitzroy to Te Henui

Council staff undertook an inspection for six separate coastal permits (4523, 4586, 4587, 4596, 6096 and 6242) in the Fitzroy and East End area on 24 May 2019. The observations are discussed below.

No issues were noted with the Fitzroy boat ramp or surf club protection structure during the inspection (permit 4586). The volume of sand on this beach had noticeably increased since the previous year (Photo 12).

No significant issues were identified at the two stormwater outlets (just north of the East End Surf Life Saving Club and west of the Fitzroy Surf Life Saving Club; permit 4596). However, both of the outlets were buried by sand at the time of the inspection (Photo 13).

No issues were identified with the East End Surf Life Saving Club rock rip rap (permit 4523). The profile at this beach had also increased compared with the last inspection. A number of sets of Little Blue Penguin (*Eudyptula minor*) footprints were discovered heading between the sea and the rock rip rap in close proximity to the surf club (Photo 14). Signs of nesting penguins were found amongst the rock rip rap. Associated with the rip rap, two sets of concrete stairs required maintenance during the year. When inspected, there were no signs of penguins nesting under the stairs, however, the contractor was still advised to stop work and contact the Council if penguins were encountered. The methodology of the repairs meant that penguins would be excluded from the working area once the project commenced.

The gabion baskets associated with the Te Henui river mouth stormwater outlet (permit 6096) were found to have slumped considerably since the previous inspection (Photo 15). Planning is currently underway for structural repairs.



Photo 12 Fitzroy Beach boat ramp (top: May 2018, bottom: May 2019)



Photo 13 Surf club stormwater outlets (top: May 2018, bottom: May 2019)



Photo 14 Penguin footprints at East End Surf Club (May 2019)



Photo 15 Te Henui stormwater outlet (left: May 2018, right: May 2019)

The rock rip rap protection on the right bank of the Te Henui Stream (permit 6242) appeared to be in a satisfactory condition during the inspection. The scoured section of bank that was noted in the previous inspection had since grassed over.

No changes were evident at the Te Henui groyne (permit 4587) and surrounding environment, compared with the previous year.

2.8 New Plymouth City

Inspections of various structures along the New Plymouth coastline were undertaken on the 3, 15, and 24 May 2019, covering seven coastal permits; 4322, 4592, 4594, 4595, 4602, 5160 and 5182.

No obvious issues were identified along the sections of foreshore rip rap between Te Henui and Kawaroa (permit 4602) that were inspected on 15 May. An as-built survey of this structure was carried out and provided to Council in May 2019.

Based on what was visible from the coastal walkway, the Eliot Street outfall (permit 4595) had not deteriorated in any way since the previous inspection.

The stormwater outfall off Pari Street (permit 5160) appeared to be in working order.

The inspection found the outlet structure from the Mangaotuku Stream diversion (near the wind wand; permit 4322) to be in a suitable condition.

No issues were identified upon inspection of the Mangaotuku Stream outlet structure (at the Lee Breakwater; permit 4594).

No significant issues were noted with the stormwater outfall at the centre of Ngamotu Beach (permit 5182), however, the concrete pad remained slightly undermined and perched, as per the previous inspection.

No significant issues were found at the Hongihongi stream outlet (permit 4592), however, the wire around the gabion baskets remained rusted and split.

The access ramps and surrounding dunes, which had suffered storm damage during the previous year, had since been re-nourished with sand and replanted with grasses (Photo 16).



Photo 16 Ngamotu Beach access ramp and surrounding dunes (left; May 2018, right: May 2019)

2.9 Back Beach and Oakura

An inspection of the boat ramp (permit 6553) was undertaken on 3 May 2019. The ramp and adjacent bank did not appear to have changed significantly from the previous inspection. No issues were noted.

Various coastal structures at Oakura Beach, covered by six coastal permits (4583, 4584, 5223, 5412, 5523 and 6270), were also inspected on 3 May 2019.

Coastal permits 4583 and 6270 essentially cover the same structure(s) in the Oakura River mouth and hence were inspected together. No issues were noted with the boulder protection works, which looked to be in a similar condition to the previous year. There appeared to be more sand on the true right bank of the river mouth than in the previous year.

No issues were identified with the two stormwater outfalls and associated rock rip rap protection structures located on the Messenger Place beachfront (permits 5223 and 5412). These structures appeared largely unchanged from the previous inspection.

The Wairau Stream bank protection structure (permit 5523) appeared to be in a satisfactory condition. It should be noted that this structure (and the adjacent surf club structures) could be affected under certain conditions where the stream is forced to meander towards the rip rap (Photo 17). Accordingly, NPDC engaged a contractor to straighten this stream on four occasions during the year under review (in September, November, January and February).



Photo 17 Wairau Stream, May 2019

No issues were identified with the surf club boat ramp and foreshore protection works at Oakura Beach (permit 4584). Much of the protection structure remains buried with sand. These works may also be affected by the meandering of the Wairau and Waimoku Streams. In addition to the Wairau straightening works, the Waimoku was straightened on three occasions during the year (in September, January and February).

2.10 Incidents, investigations, and interventions

The monitoring programme for the year was based on what was considered to be an appropriate level of monitoring, review of data, and liaison with NPDC. During the year matters may arise which require additional activity by the Council, for example provision of advice and information, or investigation of potential or actual causes of non-compliance or failure to maintain good practices. A pro-active approach, that in the first instance avoids issues occurring, is favoured.

For all significant compliance issues, as well as complaints from the public, the Council maintains a database record. The record includes events where the individual/organisation concerned has itself notified the Council. Details of any investigation and corrective action taken are recorded for non-compliant events.

Complaints may be alleged to be associated with a particular site. If there is potentially an issue of legal liability, the Council must be able to prove by investigation that the identified individual/organisation is indeed the source of the incident (or that the allegation cannot be proven).

In the 2018-2019 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with NPDC's conditions in resource consents or provisions in Regional Plans.

3 Discussion

3.1 Discussion of structure performance

No significant issues were identified with any of the structures assessed during the inspection round that was undertaken in May 2019. Less maintenance was required during the year under review as there were no destructive weather events, unlike the previous summer. Some of the more significant repairs relating back to 2018 storm damage were undertaken at Urenui and Onaero late in 2019.

A surveying project for the New Plymouth walkway rip rap was completed in May 2019. This project identified a number of areas along the structure where reinforcement and reshaping work was required. This work will be undertaken within the near future.

3.2 Environmental effects of exercise of consents

None of the structures had definitive adverse effects on their surrounding environments, based on the observations in May.

It should be recognised, however, that the ability of the current programme to detect such effects is limited. The need for improved, fit for purpose monitoring is discussed further in the following sections.

3.3 Tonkin and Taylor recommendations

The environmental effects caused by coastal structures can occur gradually over a long time period, and as previously stated, they can be difficult to discern from natural processes; therefore a more intensive monitoring programme is required for some structures.

In 2001, Tonkin & Taylor were commissioned by the Council to provide recommendations on compliance monitoring for coastal structures in Taranaki. The report included general monitoring requirements, as well as site specific recommendations (a brief overview is provided below).

It was recommended that compliance monitoring programmes for structures on the Taranaki coast should include the following five areas:

- Checking to ensure the structure is in good repair;
- Checking structure following maintenance involving a change in structure size;
- Checking compliance with any special conditions of the consent;
- Identifying any adverse effects of the structure on the adjacent shoreline position, beach volumes and shore platform at the toe of the structure; and
- Collection of "control" data from relevant unaffected sections of coast on which to assess the above effects.

Tonkin and Taylor (2001) also recommended the following:

1. That when constructing any structure a baseline "as built" survey of the structure is provided by the consent holder (this should be included as a standard condition for every new coastal structure consent that is granted). This would include: position, length, width and height and front slope (as appropriate).
2. That the consent holder report annually on any maintenance undertaken. This includes information on the location, timing and nature of maintenance undertaken during the year. For revetments, this information should include the volume of rock placed. If this maintenance includes significant changes to the structure dimensions, then a new survey "as built" for the altered area should be included.

3. That on a five yearly basis, Council undertakes a full audit of the compliance monitoring data, and any SEM data, to determine whether the structures are having any effect on the adjacent coast. This audit needs to be undertaken by a suitably qualified specialist with relevant knowledge of coastal processes. These reports should also recommend changes to the monitoring programme where appropriate, due to either additional effects or the lack of effects.

For various reasons, the proposed monitoring regime was never adopted in its entirety. Tonkin & Taylor were employed again in 2012 to prepare monitoring specifications that would then be put to tender. In summary, the scope of works included a review of the original specifications, an assessment of what work had been carried out since 2001, and a revised approach to implement going forward. The documents were completed in 2014. However, for various reasons including change of staff, progress stalled and a request for proposal (RFP) was never finalised.

3.4 Monitoring programme changes from 2020-2021

Starting in June 2020, an 'effects based' consent condition will be included in relevant coastal structure consents. This will necessitate appropriate monitoring to be undertaken in order to assess compliance with the consent condition. However, the inclusion of this consent condition will only pertain to certain structures, as not all structures currently included in this monitoring programme have the same potential to influence or affect coastal processes. Groynes and seawalls, by design, have a measurable influence on coastal processes, whereas smaller structures such as boat ramps and stormwater outlets are not expected to have significant effects. Accordingly, monitoring is intended to increase for some structures, and decrease for others. Furthermore, the location of the structure (open coast or river mouth) will also determine how it will be monitored going forward.

The aforementioned 'effects based' condition will be included in all relevant consents by exercising the resource consent review clause, or during the consent renewal process; whichever occurs first. It is appropriate to exercise these review clauses given that the Council sees the absence of condition based requirements as being a key reason why adequate (fit for purpose) monitoring has not yet been established, and that without this monitoring, the possibility remains that these structures may be compliant with consent conditions while still causing adverse environmental effects.

A summary of the changes, to be implemented at the beginning of the 2020-2021 monitoring year, is provided in Table 2, with further rationale and explanation provided below.

Table 2 Summary of monitoring changes

Structure	Proposed monitoring changes
Stormwater outlet structures	<ul style="list-style-type: none"> • Decrease frequency of routine Council inspections and reporting to biennial
Stream outlet structures	<ul style="list-style-type: none"> • Decrease frequency of routine Council inspections and reporting to biennial • To be included in Council's fish passage monitoring programme
Boat ramps and associated structures	<ul style="list-style-type: none"> • Decrease frequency of routine Council inspections and reporting to biennial
Bridges	<ul style="list-style-type: none"> • Decrease frequency of routine Council inspections and reporting to biennial
Protection structures – walls and groynes (riverine)	<ul style="list-style-type: none"> • Decrease frequency of routine Council inspections and reporting to biennial

Structure	Proposed monitoring changes
Protection structures – walls and groynes (open coast)	<ul style="list-style-type: none"> Continue annual Council inspection regime Undertake an annual survey to identify any adverse effects of the structure on the adjacent shoreline position, beach volumes and shore platform at the toe of the structure.

The frequency of inspections and reporting for stormwater outlet structures and boat ramps will be decreased to biennial. As has been shown by the results of this monitoring programme over the past 13 years, the environmental effects of these structures in the CMA are not sufficient to warrant annual inspections and reporting. It is expected that NPDC also carry out their own inspections to ensure that these structures are maintained in alignment with resource consent requirements.

The same changes are proposed for stream outlet structures, for the same reasons. However, these structures will also be inspected intermittently as part of the Regional Fish Passage Monitoring Programme.

Bridges, groynes and rock walls in riverine locations will also now be inspected and reported on a biennial basis as part of the Council's monitoring programme. Although these structures are larger in size and can potentially influence physical processes, the consequences of these effects in riverine environments are not the same as those on the open coast. As such, equivocal riverine based structures located outside of the CMA are not routinely inspected and reported on as they are in this programme. As per the stormwater and stream outlets, NPDC are expected to carry out their own inspections to ensure that these structures are maintained in alignment with resource consent requirements.

Groynes and rock walls and their surrounding environs in open coast locations will be subjected to annual surveying (as outlined in Table 2), unless the Council determines that the effects of the structure are likely to be negligible. These structures can directly influence coastal processes, however, as stated earlier, these effects can be gradual and difficult to discern from natural processes. For these reasons, specific surveying methodologies are necessary to determine whether a structure is adversely affecting coastal processes. Additional surveys will also need to be undertaken for the collection of 'control' data. Annual inspections will still be undertaken for these structures in addition to the surveying component. As per the recommendations outlined by Tonkin and Taylor (2001), reporting frequency will be reduced to five yearly; allowing sufficient survey data to be collected for analysis.

3.5 Evaluation of performance

A tabular summary of the consent holder's compliance record for the year under review is set out in Tables 3 to 48.

Tongaporutu

Table 3 Summary of performance for Consent 4004-3 boat ramp at Tongaporutu

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Maintenance of boat ramp	Inspections	Yes
2. Consent holder to notify Council prior to undertaking maintenance works		N/A
3. Removal of structure when no longer required		N/A
4. Review of consent	Next scheduled June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High

Condition requirement	Means of monitoring during period under review	Compliance achieved?
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 4 Summary of performance for Consent 4818-2 groynes at Tongaporutu

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Maintenance of structures to satisfaction of Council	Inspection	Yes
2. "As built" plan required	Supplied by consent holder	Yes
3. Notification prior to maintenance works		N/A
4. Structures removed, area reinstated when no longer required		N/A
5. Review of consent	Next scheduled for June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Urenui

Table 5 Summary of performance for Consent 4019-2 riverbank protection at Urenui Beach

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Notification prior to and following maintenance works		N/A
2. Best practicable option (BPO) to avoid or minimise discharges of silt or contaminants		N/A
3. Area of disturbance minimised		N/A
4. Structure removed and area reinstated if no longer required		N/A
5. Review of consent	No review before consent expires in June 2021	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 6 Summary of performance for Consent 4065-3 boat ramp at Urenui

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Structure maintained	Inspection	Yes
2. Notification prior to undertaking maintenance works	Notification received	Yes
3. Minimisation of environmental effects during maintenance works		N/A
4. Structure removed and area reinstated if no longer required		N/A
5. Review of consent	Next scheduled in June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 7 Summary of performance for Consent 4183-2 riverbank protection at Urenui

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Notification prior to and following construction and any maintenance works		N/A
2. BPO to avoid or minimise discharge of silt or contaminants		N/A
3. Area of disturbance minimised		N/A
4. Structure removed and area reinstated if no longer required		N/A
5. Review of consent	No review before consent expires in June 2021	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 8 Summary of performance for Consent 5761-2 rock rip rap seawall at Urenui

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Any changes to the structure require authorisation	Inspection	N/A
2. Structure maintained to the satisfaction of the Council	Inspection	Yes
3. Review of consent	Next scheduled in June 2021, if required	N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 9 Summary of performance for Consent 6411-1 riverbank protection at Urenui

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Notification prior to and following construction and any maintenance works		N/A
2. Structure to be maintained in accordance with documentation submitted in support of the application	Inspection	Yes
3. BPO to avoid or minimise environmental effects		N/A
4. Consent holder to ensure area and volume of riverbed disturbance be minimised		N/A
5. Review of consent	No review before consent expires in June 2021	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 10 Summary of performance for Consent 7007-2 rip-rap seawall at Urenui

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Construction of a low level seawall in two stages as described in the application	Completed	N/A
2. Construction commence from east to west and be undertaken in a maximum of two stages	Completed	N/A
3. Dimensions of the wall as specified in the application	Completed	N/A
4. Excavated loose unconsolidated beach material only used for foreshore reinstatement purposes seaward of the structure	No reinstatement undertaken	N/A
5. Notification prior to and following construction and any maintenance works	No works undertaken	N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
6. Area and volume of foreshore disturbance minimised as far as practicable		N/A
7. Erection of warning notices		N/A
8. Compliance with relevant noise standards		N/A
9. Construction of wall does not impact on areas, or access to areas, where penguins breed	Completed (compliant)	N/A
10. Works shall cease if archaeological remains are discovered	Completed (compliant)	N/A
11. Adopt BPO	Inspection	Yes
12. Consent lapse in accordance with section 125 of the RMA		N/A
13. Review of consent	Next scheduled June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 11 Summary of performance for consent 10437-1.1 riverbank protection in Urenui

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Structure to be built in accordance with specified documentation	Inspection	No – rock size used was different to application
2. Notification prior to commencing works	Notification received	Yes
3. Preparation and maintenance of, and adherence to, Construction Management Plan	Inspection	Yes
4. Hazard signage	Inspection	Yes
5. Construction to comply with specified noise standards	Inspection	Yes
6. Erect boundary fence	Inspection	Yes
7. Structure shall not impact on penguin breeding habitat	Inspection	Yes
8. Structure to be maintained in safe and sound condition	Inspection	Yes
9. Works cease if archaeological remains discovered	None discovered	N/A
10. Consent lapse clause	Consent exercised	N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
11. Review of consent	Next scheduled June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		Good
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Onaero

Table 12 Summary of performance for Consent 4590-2 bridge over Onaero River

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Maintenance of bridge to satisfaction of Council	Inspections	Yes
2. Consent holder to notify Council prior to undertaking maintenance works		N/A
3. Consent holder to provide "As built" plan of structure	Supplied 2009	Yes
4. Structure to be removed and area reinstated if and when required		N/A
5. Review of consent	Next scheduled in June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 13 Summary of performance for Consent 9287-1 river mouth rock groynes

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Exercise of consent undertaken in accordance with application documentation	Works completed	N/A
2. Notification of commencement of works	Works completed	N/A
3. Provision of sediment control plan	Works completed	N/A
4. Area and volume of foreshore disturbance to be minimised	Works completed	N/A
5. Area and volume of riverbed disturbance to be minimised	Works completed	N/A
6. Rock material shall be free of vegetative/humus material	Works completed	N/A
7. Consent holder shall adopt BPO	No maintenance undertaken during year	N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
8. Signage during construction and maintenance works	No maintenance undertaken during year	N/A
9. Structures maintained in safe and sound condition	Inspection	Yes
10. Structure to be removed, and area reinstated, when no longer required	Structure still required	N/A
11. Works cease if archaeological remains discovered	Works completed	N/A
12. Consent lapse clause	Consent exercised	N/A
13. Review of consent	Next scheduled June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 14 Summary of performance for Consent 5035-1 seawall at Onaero Beach

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Structure to be maintained in accordance with documentation submitted in support of the application	Inspections	Yes
2. Notification prior to maintenance works	Notification received	Yes
3. Consent holder to prevent discharge of contaminants during maintenance		N/A
4. In situ beach material shall not be used for maintenance purposes		N/A
5. Structure to be removed and area reinstated if and when no longer required		N/A
6. Review of consent	No further reviews available	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 15 Summary of performance for consent 10132-1.1

Purpose: To construct low level rock incision repairs		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Authorisation of structure as per specified plans	Inspections	Yes
2. Protections structures no higher than 5 m RL, and may be built any time in any order	Inspections	Yes
3. Notification prior to commencing works	Completed	N/A
4. Area and volume of foreshore disturbance minimal, and disturbances shall be reinstated	Completed	N/A
5. Hazards signage	Completed	N/A
6. Compliance with noise standards	Completed	N/A
7. Penguin considerations	Completed	N/A
8. Adopt BPO	Completed	N/A
9. Structure maintained in safe and sound state	Inspections	Yes
10. Review clause	Next scheduled in June 2021, if required	N/A
Overall assessment of consent compliance and environmental performance in respect of this consent		High
Overall assessment of administrative performance in respect of this consent		High

N/A = not applicable

Waitara

Table 16 Summary of performance for Consent 4598-2 stormwater outlet, Waitara

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Maintenance of structure to satisfaction of Council	Inspections	Yes
2. Consent holder to notify Council prior to undertaking maintenance works		N/A
3. Consent holder to provide "As built" survey of structure	Supplied	Yes
4. Structure to be removed and reinstated if and when no longer required		N/A
5. Review of consent	Next scheduled in June 2021, if required	N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 17 Summary of performance for Consent 4600-2 training works at Waitara

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent holder to maintain structures	Inspections	Yes
2. Notification prior to maintenance	No maintenance undertaken during year	Yes
3. Maintenance does not increase the size of the structures		N/A
4. Structures to be removed and area reinstated when no longer required		N/A
5. Review of consent	Next scheduled June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 18 Summary of performance for Consent 4900-2 stormwater outfall structure at Waitara

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent holder maintain structure	Inspections	Yes
2. Notification prior to maintenance		N/A
3. Structures to be removed and area reinstated when no longer required		N/A
4. Review of consent	Next scheduled in June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 19 Summary of performance for Consent 6525-1 stormwater outlet structure at Waitara

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent to be exercised in accordance with application	Inspection	Yes
2. Consent holder to notify Council prior to commencement, and on completion of maintenance		N/A
3. Area and volume of disturbance minimised		N/A
4. In-situ materials not be used for construction purposes		N/A
5. Lapse of consent		N/A
6. Review of consent	Next scheduled in June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 20 Summary of performance for Consent 7255-1 boat ramp, jetty and pontoons at Waitara

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. BPO to prevent or minimise adverse effects	Inspections	Yes
2. Exercise of consent in accordance with documentation submitted in application	Inspections	Yes
3. Structure to be maintained in safe and sound state	Inspections	Yes
4. Notification prior to and following construction and maintenance		N/A
5. Area and volume of foreshore disturbance to be minimised and reinstated as practicable		N/A
6. All practicable measures to prevent discharge of debris and/or contaminants to the river bed		N/A
7. Signage required during construction and maintenance		N/A
8. Structures removed and area reinstated when no longer required		N/A
9. Lapse of consent		N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
10. Review of consent	Next scheduled in June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 21 Summary of performance for Consent 7718-1 stream outlet structure

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Outlet to be constructed in accordance with specified plans	Works completed	N/A
2. Commencement of works notification	Works completed	N/A
3. Area and volume of foreshore disturbance to be minimised	Works completed	N/A
4. Works in accordance with 'Typical requirements for pipes through stopbanks'	Works completed	N/A
5. Report provided by qualified engineer to assess compliance with previous condition	Works completed	N/A
6. Works only to occur during times of low flow	Works completed	N/A
7. Works remain responsibility of consent holder		N/A
8. Structure shall not restrict fish passage	Inspections	Yes
9. Structure removed, area reinstated, when no longer required	Structure still required	N/A
10. Consent lapse clause	Consent exercised	N/A
11. Review of consent	Next optional review in June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 22 Summary of performance for Consent 9328-1 boulder wall at Waitara River Mouth

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Construction shall be in accordance with specified plans	Works completed	N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
2. Notification prior to commencing works	Works completed	N/A
3. Area and volume of foreshore disturbance shall minimised and reinstated	Works completed	N/A
4. Hazard signage during construction	Works completed	N/A
5. Work shall comply with specified noise standards	Works completed	N/A
6. Consent holder shall adopt BPO		N/A
7. Structure shall be maintained in safe and sound condition	Inspections	Yes
8. Structure removed, area reinstated, when no longer required	Structure still required	N/A
9. Consent lapse clause	Consent exercised	N/A
10. Review of consent	Next optional review in June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 23 Summary of performance for Consent 10528-1 Waitara boardwalk

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Construction shall be in accordance with specified plans	Inspections, liaison with project manager	Yes
2. Notification prior to commencing works	Notification received	Yes
3. Works undertaken in accordance with Construction Management Plan	Inspections, liaison with project manager	Yes
4. Area and volume of foreshore disturbance shall minimised and reinstated	Inspections, liaison with project manager	Yes
5. No works undertaken while tide covers any part of work site	Inspections	Yes
6. Works shall comply with specified noise standards	Inspections	Yes
7. Boardwalk shall not impact on penguin breeding areas	Inspections	Yes
8. Hazard signage	Worksite barriers in place	N/A
9. Pedestrian signage requirements	Works not completed during monitoring year	N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
10. No lighting on boardwalk	Works not completed during monitoring year	N/A
11. Structure shall be maintained in safe and sound condition	Works not completed during monitoring year	N/A
12. Cease works if archaeological remains discovered	Not required	N/A
13. Consent lapse clause	Consent exercised	N/A
14. Review of consent	Next optional review in June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Bell Block

Table 24 Summary of performance for Consent 5102-4 rock wall at Bell Block

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent to be exercised in accordance with documentation submitted with application	Inspections	Yes
2. Structure to be maintained in a safe and sound condition	Inspections	Yes
3. Baseline 'as built' survey plan required	Received	Yes
4. Consent holder to notify Council prior to maintenance works	Notification received	Yes
5. Maintenance to comply with noise standards		N/A
6. Structure to be removed and area reinstated if and when no longer required		N/A
7. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Waiwhakaiho

Table 25 Summary of performance for Consent 4585-2 groyne at Waiwhakaiho

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Exercise of consent in accordance with application	Inspection	Yes

Condition requirement	Means of monitoring during period under review	Compliance achieved?
2. Structure maintained in safe and sound condition	Inspection	Yes
3. Baseline 'as built' survey required	Survey provided on 25 July 2008	Yes
4. Notification prior to maintenance works		N/A
5. Structure to be removed and area reinstated if no longer required		N/A
6. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 26 Summary of performance for Consent 4603-2 footbridge at Waiwhakaiho

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Best practicable option to minimise environmental effects		N/A
2. Exercise of consent in accordance with application	Inspection	Yes
3. Structures to be maintained	Inspection	Yes
4. Notification prior to maintenance works	No maintenance undertaken during year	N/A
5. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 27 Summary of performance for Consent 7442-1 Te Rewa Rewa Bridge

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Exercise of consent in accordance with application	Inspections	Yes
2. Notification prior to works or maintenance	No maintenance undertaken during year	N/A
3. Area and volume of disturbance minimised		N/A
4. Sediment disturbance minimised		N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
5. Structure to be removed and area reinstated if no longer required		N/A
6. Lapse of consent		N/A
7. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 28 Summary of performance for Consent 7649-1 Waiwhakaiho River protection

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Specifications of structure position	Works completed	N/A
2. Notification prior to commencement and completion of works	No maintenance undertaken during year	N/A
3. Area and volume of disturbance minimised	Works completed	N/A
4. Sediment disturbance minimised	Works completed	N/A
5. Review of consent	Next scheduled in June 2020, review not required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Fitzroy and East End

Table 29 Summary of performance for Consent 4523-1 seawall (East End to Te Henui Stream)

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent holder to notify Council prior to commencement, and on completion of maintenance		N/A
2. Structure constructed and maintained in accordance with application	Inspections	Yes
3. No refuelling of construction machinery within coastal marine area		N/A
4. Construction to comply with noise standards		N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
5. In-situ beach material not to be used for construction purposes		N/A
6. BPO to ensure minimal disturbance		N/A
7. Structure to be removed and area reinstated, if and when no longer required		N/A
8. Review of consent	No review before consent expires in June 2025	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 30 Summary of performance for Consent 4586-2 boat ramp and rock protection at Fitzroy Beach

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Exercise of consent in accordance with application	Inspection	Yes
2. Structure maintained in safe and sound condition	Inspection	Yes
3. Baseline "as built" survey required	Received	Yes
4. Notification prior to maintenance works		N/A
5. Structure to be removed and area reinstated if no longer required		N/A
6. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 31 Summary of performance for Consent 4587-2 rock groyne at Te Henui Stream mouth

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Exercise of consent in accordance with application	Inspection	Yes
2. Structure maintained in safe and sound condition	Inspection	Yes
3. Baseline "as built" survey required	Received	Yes

Condition requirement	Means of monitoring during period under review	Compliance achieved?
4. Notification prior to maintenance works		N/A
5. Structure to be removed and area reinstated if no longer required		N/A
6. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 32 Summary of performance for Consent 4596-2 two stormwater outlet structures at Fitzroy and East End Beaches

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Exercise of consent in accordance with documentation submitted in support of application	Inspections	Yes
2. Consent holder to maintain structures in a safe and sound condition	Inspections	Yes
3. Consent holder to supply 'as built' plan of structures	Provided	Yes
4. Notification prior to maintenance		N/A
5. Gabions around the Fitzroy outlet to be covered at all times	Inspections	Yes
6. Removal of foreign material should structure collapse		N/A
7. Structures to be removed and area reinstated		N/A
8. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 33 Summary of performance for Consent 6096-1 stormwater outlet structure at East End

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent holder to notify Council prior to maintenance works		N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
2. Area and volume of disturbance minimised		N/A
3. In-situ materials not be used for construction purposes		N/A
4. Structure to be constructed and maintained in accordance with application	Inspections	Yes
5. Structure to be removed and area reinstated, if and when no longer required		N/A
6. Review of consent	No review before consent expires in June 2021	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 34 Summary of performance for Consent 6242-1 rock rip rap at Te Henui

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent holder to notify Council prior to construction and subsequent maintenance works		N/A
2. Structure to be constructed in accordance with application	Inspection	Yes
3. BPO to avoid or minimise environmental effects		N/A
4. Area and volume of disturbance to be minimised		N/A
5. Structure to be removed and area reinstated, if and when no longer required		N/A
6. Review of consent	No review before consent expires in June 2020	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

New Plymouth City

Table 35 Summary of performance for Consent 4322-2 outfall structure for diversion of Mangaotuku Stream

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Exercise of consent in accordance with application	Inspection	Yes
2. Structure maintained in safe and sound condition	Inspection	Yes
3. Notification prior to maintenance works		N/A
4. BPO to prevent adverse environmental effects during maintenance		N/A
5. Structure to be removed and area reinstated if no longer required		N/A
6. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 36 Summary of performance for Consent 4592-2 outlet structure in Hongihongi Stream

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Exercise of consent in accordance with application	Inspection	Yes
2. Structure maintained in safe and sound condition	Inspection	Splitting baskets do not appear to be affecting structure
3. Notification prior to maintenance works		N/A
4. Structure to be removed and area reinstated if no longer required		N/A
5. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 37 Summary of performance for Consent 4594-2 outlet structure Mangaotuku Stream

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Exercise of consent in accordance with application	Inspection	Yes
2. Structure maintained in safe and sound condition	Inspection	Yes
3. Baseline "as built" survey required	Received 4 November 2008	Yes
4. Notification prior to maintenance works		N/A
5. Structure to be removed and area reinstated if no longer required		N/A
6. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 38 Summary of performance for Consent 4595-3 Eliot Street outfall

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Any changes to the structure require authorisation	Inspection	N/A
2. Structure maintained to the satisfaction of the Council	Inspection	Yes
3. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 39 Summary of performance for Consent 4602-1 rock protection works along New Plymouth foreshore

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Structural modifications to adhere to application		N/A
2. Consent holder to provide plan of structure	Received	Yes
3. Consent holder to develop and implement monitoring programme	Not received	No – in progress

Condition requirement	Means of monitoring during period under review	Compliance achieved?
4. Consent holder to provide management strategy	Report ' A review of design and construction aspects of the New Plymouth walkway' received in November 2006	Yes
5. Structure to be maintained to satisfaction of Council	Inspections	Yes
6. Consent holder to notify Council prior to major maintenance	Notification received	Yes
7. Structure to be removed, if and when no longer required		N/A
8. Review of consent	No further review dates	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		Good

N/A = not applicable

Table 40 Summary of performance for Consent 5160-2 stormwater outfall structure on New Plymouth foreshore

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Any changes to the structure require authorisation	Inspection	N/A
2. Structure maintained to the satisfaction of the Council	Inspection	Yes
3. Review of consent	Next scheduled in June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 41 Summary of performance for Consent 5182-2 stormwater outfall structure on Ngamotu Beach

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Any changes to the structure require authorisation	Inspection	N/A
2. Structure maintained to the satisfaction of the Council	Inspection	Yes
3. Review of consent	Next scheduled in June 2021, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Back Beach

Table 42 Summary of performance for Consent 6553-1 boat ramp at Back Beach

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. BPO to avoid or minimise environmental effects		N/A
2. Exercise of consent in accordance with application	Inspections	Yes
3. Written notification prior to exercise of consent		N/A
4. No re-fuelling of construction machinery within coastal marine area		N/A
5. Area and volume of foreshore disturbance minimised		N/A
6. Signage to ensure public safety during construction		N/A
7. BPO to avoid or minimise discharge of concrete slurry or debris		N/A
8. Lapse of consent		N/A
9. Review of consent	Due to expire June 2020	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Oakura

Table 43 Summary of performance for Consent 4583-2 Oakura River bank protection

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Exercise of consent in accordance with application	Inspection	Yes
2. Structure maintained in safe and sound condition	Inspection	Yes
3. Baseline "as built" survey required	Received	Yes
4. Notification prior to maintenance works		N/A
5. Structure to be removed and area reinstated if no longer required		N/A
6. Review of consent	Next scheduled in June 2020, if required	N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 44 Summary of performance for Consent 4584-2 boat ramp, foreshore protection works and associated structures at Oakura

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Exercise of consent in accordance with application	Inspection	Yes
2. Structure maintained in safe and sound condition	Inspection	Yes
3. Baseline "as built" survey required	Received	Yes
4. Notification prior to maintenance works		N/A
5. Structure to be removed and area reinstated if no longer required		N/A
6. Review of consent	Next scheduled in June 2019, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 45 Summary of performance for Consent 5223-3 stormwater outfall structure and boulder rip rap at Oakura

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Any changes to the structure require authorisation	Inspection	N/A
2. Structure maintained to the satisfaction of the Council	Inspection	Yes
3. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 46 Summary of performance for Consent 5412-3 stormwater outfall structure and boulder rip rap at Oakura

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Any changes to the structure require authorisation	Inspection	N/A
2. Structure maintained to the satisfaction of the Council	Inspection	Yes
3. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 47 Summary of performance for Consent 5523-3 boulder rip rap protection around Wairau Stream, Oakura Beach

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Any changes to the structure require authorisation	Inspection	N/A
2. Structure maintained to the satisfaction of the Council	Inspection	Yes
3. Review of consent	Next scheduled in June 2020, if required	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

Table 48 Summary of performance for Consent 6270-1 rock rip rap protection in Oakura River estuary

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. BPO to minimise effects on water quality		N/A
2. Consent holder to notify Council prior to commencement of works or any major maintenance works		N/A
3. Structures to be constructed in accordance with application	Inspections	Yes
4. Area and volume of disturbance to be minimised		N/A
5. Timing of works		N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
6. Structure to be removed and area reinstated, if and when no longer required		N/A
7. Lapse of consent		N/A
8. Review of consent	Consent expires 2020	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment administrative performance in respect of this consent		High

N/A = not applicable

During the year, NPDC demonstrated a high level of environmental and high level of administrative performance with the resource consents as defined in Section 1.1.4.

Table 49 Evaluation of overall environmental performance over time

Year	High	Good	Improvement req	Poor
2010	-	✓	-	-
2011	✓	-	-	-
2012	✓	-	-	-
2013 + 2014	✓	-	-	-
2015	✓	-	-	-
2016	✓	-	-	-
2017	✓	-	-	-
2018	✓	-	-	-
2019	✓	-	-	-
Totals	8	1	0	0

3.6 Recommendations from the 2017-2018 Annual Report

In the 2017-2018 Annual Report, it was recommended:

1. THAT in the first instance an annual site visit is carried out by Council staff on all coastal structures in the New Plymouth district. These visits should include photographs from pre-determined photo control points.
2. THAT should there be issues with environmental or administrative performance in 2018-2019, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.
3. THAT additional visits and photographs should be taken following any alterations or additions, and after major storms.
4. THAT NPDC finalises an RFP for additional monitoring of coastal structures, to the satisfaction of the Council, as soon as reasonably practicable.
5. THAT NPDC should notify the Council via email to worknotification@trc.govt.nz prior to and following any maintenance work on coastal structures.

6. THAT NPDC should provide a summary of maintenance of coastal structures on an annual basis (preferably at the end of the monitoring period, in July).
7. THAT the option for a review of resource consent 4584-2 in June 2019, as set out in condition six, not be exercised, on the grounds that the consents were adequately preventing adverse environmental effects.
8. THAT the structures authorised by the following consents are incorporated into 2018-2019 monitoring programme: 7649-1.1, 7718-1.1, 9287-1, 9328-1, 10132-1.1, 10437-1.1 and 10528-1.

All of these recommendations, with the exception of number four, were implemented during the year under review. No further progress was made on finalising an RFP for the additional monitoring of coastal structures during the year under review. Instead, the Council has decided to ensure that this monitoring is undertaken by inserting 'effects based' consent conditions on all relevant consents (see Section 3.4 for further explanation).

3.7 Alterations to monitoring programmes for 2019-2020

In designing and implementing the monitoring programmes for air/water discharges in the region, the Council has taken into account:

- the extent of information already made available through monitoring or other means to date;
- its relevance under the RMA;
- the Council's obligations to monitor consented activities and their effects under the RMA;
- the record of administrative and environmental performances of the consent holder; and
- reporting to the regional community.

The Council also takes into account the scope of assessments required at the time of renewal of permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2019-2020 no changes are made to the current monitoring programme. Significant changes to this monitoring programme will be implemented from 2020-2021 onwards (see Section 3.4).

It should be noted that the proposed programme represents a reasonable and risk-based level of monitoring for the site(s) in question. The Council reserves the right to subsequently adjust the programme from that initially prepared, should the need arise if potential or actual non-compliance is determined at any time during 2019-2020.

3.8 Exercise of optional review of consent

All of the resource consents set out in Table 44 provide for an optional review of the consent in June 2020. Each consent has a special condition which allows the Council to review it, if there are grounds that the consent is not adequately preventing adverse environmental effects from occurring. Table 44 sets out whether a review is, or is not required for each consent.

Table 50 Consents with optional reviews in June 2020

Consent Number	Sub-type	Location	Purpose	Next review	Review required?
4322-2	Outlet structure	Mangaotuku Stream	Flood control purposes	1/6/2020	No
4583-2	Protection	Oakura River Estuary	Erect, place and maintain rock boulder protection works, and to occupy coastal space	1/6/2020	No

Consent Number	Sub-type	Location	Purpose	Next review	Review required?
4585-2	Protection	Waiwhakaiho River Mouth	Rock groyne – erect and maintain	1/6/2020	Yes
4586-2	Protection	Fitzroy Beach	Erect and maintain a boat ramp, protection works and occupy coastal space	1/6/2020	No
4587-2	Protection	Te Henui Stream Mouth	Rock groyne – erect and maintain	1/6/2020	Yes
4592-2	Outlet structure	Hongihongi Stream	Erect, place and maintain an outlet structure	1/6/2020	No
4594-2	Outlet structure	Mangaotuku Stream	Erect, place and maintain an outlet structure	1/6/2020	No
4595-3	Outfall	Eliot Street Coastal Area	Occupy coastal marine area with a marine outfall	1/6/2020	No
4596-2	Outlet structure	East End and Fitzroy Beach	Erect, place and maintain 2 stormwater outlet structures	1/6/2020	No
4603-2	Bridge	Waiwhakaiho River Estuary	Erect, place and maintain a concrete foot bridge	1/6/2020	No
5102-4	Protection	Bell Block	Erect, place and maintain boulder rock seawall	1/6/2020	Yes
5182-2	Outfall	Ngamotu Beach	Occupy coastal marine area with a stormwater outfall	1/6/2020	No
5223-3	Protection	Oakura Beach	Occupy coastal marine area with a boulder rip rap minor toe protection and stormwater outfall	1/6/2020	No
5412-3	Protection	Oakura Beach	Occupy coastal marine area with a boulder rip rap minor toe protection and stormwater outlet	1/6/2020	No
5523-3	Protection	Wairau Stream, Oakura Beach	Occupy coastal marine area with a boulder rip rap	1/6/2020	No
7442-1	Bridge	Waiwhakaiho River	Erect, place and maintain a footbridge	1/6/2020	No
7649-1	Protection	Waiwhakaiho River	Erect, place and maintain rip rap seawall	1/6/2020	No

Based on the results of monitoring in the year under review, and in previous years as set out in earlier annual compliance monitoring reports, it is considered necessary that a review is pursued for the four consents identified in Table 44. The consents are currently inadequate to prevent adverse environmental effects as they do not necessitate appropriate monitoring to determine the effects of the structures.

4 Recommendations

1. THAT in the first instance an annual site visit is carried out by Council staff on all coastal structures in the New Plymouth district. These visits should include photographs from pre-determined photo control points.
2. THAT should there be issues with environmental or administrative performance in 2019-2020, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.
3. THAT additional visits and photographs should be taken following any alterations or additions, and after major storms.
4. THAT NPDC should notify the Council via email to worknotification@trc.govt.nz prior to and following any maintenance work on coastal structures.
5. THAT NPDC should provide a summary of maintenance of coastal structures on an annual basis (preferably at the end of the monitoring period, in July).
6. THAT the option for a review of resource consents 4585-2, 4587-2 and 5102-4 in June 2019, as set out in the special conditions, be exercised, on the grounds that the consents were not necessitating the appropriate monitoring to identify potential adverse environmental effects.
7. THAT NPDC note the proposed changes to the monitoring programme for the 2020-2021 monitoring year and begin planning for the implementation of the revised programme.

Glossary of common terms and abbreviations

The following abbreviations and terms may be used within this report:

Groyne	A solid structure built from the shore out to the ocean that is designed to control erosion. It may also be referred to as a spur or breakwater.
Incident	An event that is alleged or is found to have occurred that may have actual or potential environmental consequences or may involve non-compliance with a consent or rule in a regional plan. Registration of an incident by the Council does not automatically mean such an outcome had actually occurred.
Incident Register	Contains a list of events recorded by the Council on the basis that they may have the potential or actual environmental consequences that may represent a breach of a consent or provision in a Regional Plan.
Intervention	Action/s taken by Council to instruct or direct actions be taken to avoid or reduce the likelihood of an incident occurring.
Investigation	Action taken by Council to establish what were the circumstances/events surrounding an incident including any allegations of an incident.
MLWS	Mean low water spring.
Mole	A structure in the water usually made of stone used as a breakwater or a pier.
Resource consent	Refer Section 87 of the RMA. Resource consents include land use consents (Sections 9 and 13 of the RMA), coastal permits (Sections 12, 14 and 15), water permits (Section 14) and discharge permits (Section 15).
Revetment	A facing of stones, sandbags etc., to protect a wall, embankment etc.
Rip rap	A type of revetment style using loose but interlocked boulders.
RMA	Resource Management Act 1991 and subsequent amendments.

For further information on analytical methods, contact a Science Services Manager.

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Technical Report 2018-27.

Appendix I

Resource consents held by NPDC

(For a copy of the signed resource consent
please contact the TRC Consents department)

Consent Number	Sub-type	Location	Purpose	Expiry Date	Next review
4004-3	Boat ramp	Tongaporutu River Estuary	Boat ramp – use and maintain	1/6/2027	1/6/2021
4019-2	Protection	Urenui River Estuary	Riverbank protection works	1/6/2021	-
4065-3	Boat ramp	Urenui River Estuary	Boat ramp – use and maintain	1/6/2027	1/6/2021
4183-2	Protection	Urenui River Estuary	Riverbank protection works	1/6/2021	-
4322-2	Outlet structure	Mangaotuku Stream	Flood control purposes	1/6/2026	1/6/2020
4523-1	Protection	East End Beach	Erect and maintain a rockwall	1/6/2025	-
4583-2	Protection	Oakura River Estuary	Erect, place and maintain rock boulder protection works, and to occupy coastal space	1/6/2026	1/6/2020
4584-2	Protection	Oakura Beach	Erect and maintain a boat ramp, foreshore protection works and other associated structures	1/6/2025	-
4585-2	Protection	Waiwhakaiho River Mouth	Rock groyne – erect and maintain.	1/6/2026	1/6/2020
4586-2	Protection	Fitzroy Beach	Erect and maintain a boat ramp, protection works and occupy coastal space	1/6/2026	1/6/2020
4587-2	Protection	Te Henui Stream Mouth	Rock groyne – erect and maintain	1/6/2026	1/6/2020
4590-2	Bridge	Onaero River Estuary	Bridge – use and maintain	1/6/2027	1/6/2021
4592-2	Outlet structure	Hongihongi Stream	Erect, place and maintain an outlet structure	1/6/2026	1/6/2020
4594-2	Outlet structure	Mangaotuku Stream	Erect, place and maintain an outlet structure	1/6/2026	1/6/2020
4595-3	Outfall	Eliot Street Coastal Area	Occupy coastal marine area with a marine outfall	1/6/2032	1/6/2020
4596-2	Outlet structure	East End and Fitzroy Beach	Erect, place and maintain 2 stormwater outlet structures	1/6/2026	1/6/2020
4598-2	Outlet structure	Waitara River Estuary	Use and maintain stormwater outlet	1/6/2027	1/6/2021
4600-2	Protection	Waitara River	Use and maintain training walls	1/6/2027	1/6/2021
4602-1	Protection	New Plymouth Foreshore	Place and maintain rock protection works, rock revetment and stormwater outlet structures	1/6/2025	-
4603-2	Bridge	Waiwhakaiho River Estuary	Erect, place and maintain a concrete foot bridge	1/6/2026	1/6/2020
4818-2	Protection	Tongaporutu Estuary	Use and maintain four groynes and rip rap	1/6/2027	1/6/2021
4900-2	Outlet	Waitara River Estuary	Use and maintain stormwater outfall	1/6/2027	1/6/2021
5035-1	Protection	Onaero Beach	Place and maintain boulder rock seawall	1/6/2026	-
5102-4	Protection	Bell Block	Erect, place and maintain boulder rock seawall	1/6/2026	1/6/2020
5160-2	Outfall	New Plymouth Foreshore	Occupy coastal marine area with a stormwater outfall	1/6/2025	-
5182-2	Outfall	Ngamotu Beach	Occupy coastal marine area with a stormwater outfall	1/6/2032	1/6/2020
5223-3	Protection	Oakura Beach	Occupy coastal marine area with a stormwater outfall and boulder rip rap minor toe protection	1/6/2048	1/6/2020
5412-3	Protection	Oakura Beach	Occupy coastal marine area with a boulder rip rap	1/6/2048	1/6/2020

Consent Number	Sub-type	Location	Purpose	Expiry Date	Next review
5523-3	Protection	Wairau Stream, Oakura Beach	Occupy coastal marine area with a boulder rip rap	1/6/2048	1/6/2020
5761-2	Protection	Urenui Beach Foreshore	Maintain boulder rock rip rap seawall	1/6/2050	1/6/2021
6096-1	Outlet structure	East End Beach	Erect, place and maintain stormwater outlet structure	1/6/2021	-
6242-1	Protection	Te Henui Stream Estuary	Erect, place and maintain gabion basket and rock rip rap protection	1/6/2020	-
6270-1	Protection	Oakura River Estuary	Erect, place and maintain rock rip rap boulder protection	1/6/2020	-
6411-1	Protection	Urenui River Estuary	Erect, place and maintain gabion basket and rock rip rap protection	1/6/2020	-
6525-1	Other	Waitara River	Erect, place and maintain stormwater outlet structure	1/6/2021	-
6553-1	Boat ramp	Paritutu/Back Beach	Erect, place and maintain existing boat ramp	1/6/2020	-
7007-2	Protection	Urenui Beach	Erect, place and maintain a rock rip rap seawall	1/6/2033	1/6/2021
7255-1	Boat ramp	Waitara River	Remove a boat ramp, to erect and maintain an upgraded boat ramp, jetties and pontoons	1/6/2027	1/6/2021
7442-1	Bridge	Waiwhakaiho River	Erect, place and maintain a footbridge	1/6/2026	1/6/2020
7649-1	Protection	Waiwhakaiho River	Erect, place and maintain rip rap seawall	1/6/2026	1/6/2020
7718-1	Outlet	Waitara River	Install, use and maintain outlet structure	1/6/2027	1/6/2021
9287-1	Protection	Onaero River	Place and maintain rock groynes	1/6/2027	1/6/2021
9328-1	Protection	Waitara River	Erect boulder wall	1/6/2027	1/6/2021
10132-1	Protection	Onaero Beach	Construct incision repairs	1/6/2050	1/6/2021
10437-1.2	Protection	Urenui Estuary	Erect and place rock rip rap wall	1/6/2033	1/6/2021
10528-1	Other	Waitara Estuary	Construct a timber boardwalk	1/6/2033	1/6/2021

Coastal permits

Section 12(1)(b) of the RMA stipulates that no person may erect, reconstruct, place, alter, extend, remove, or demolish any structure that is fixed in, on, under, or over any foreshore or seabed, unless the activity is expressly allowed for by a resource consent, a rule in a regional plan, or by national regulations. Coastal permits are issued by the Council under Section 87(c) of the RMA.

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 8 May 2009

Conditions of Consent

Consent Granted: To use and maintain a boat ramp on the true left bank of
the Tongaporutu River Estuary and to occupy the related
coastal space at or about (NZTM) 1738669E-5702104N

Expiry Date: 1 June 2027

Review Date(s): June 2015, June 2021

Site Location: Clifton Road, true left bank of the Tongaporutu River

Legal Description: Sec 35 Blk IV Mimi SD

Catchment: Tasman
Tongaporutu

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

- 1. The consent holder shall maintain the structure in a safe and sound condition, so that it continues to function effectively as a boat ramp.
- 2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the river bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
- 3. Except with the written agreement of the Chief Executive, Taranaki Regional Council, the structure shall be removed and the area reinstated, if and when it is no longer required. A further resource consent may be required to authorise the removal of the structure, and the consent holder is advised to seek advice from the Council on this matter.
- 4. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 8 May 2009

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH

Consent Granted 27 November 2002
Date:

Conditions of Consent

Consent Granted: To construct, place and maintain riverbank protection
works at the Urenui Beach Motor camp boat ramp in the
coastal marine area of the Urenui River estuary at or about
GR: Q19:307-449

Expiry Date: 1 June 2021

Review Date(s): June 2009, June 2015

Site Location: Urenui Motor Camp Boat Ramp, Urenui Estuary

Legal Description: Pt Sec 29 Urenui Tn Belt Blk III Waitara SD

Catchment: Urenui

Consent 4019-2

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council (hereinafter the Chief Executive), the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall notify the Taranaki Regional Council at least 48 hours prior to the commencement and upon completion of the initial construction and again at least 48 hours prior to and upon completion of any maintenance works which would involve disturbance of or deposition to the estuary or discharges to water.
2. The consent holder shall adopt the best practicable option to avoid or minimise the discharge of silt or other contaminants into water or onto the estuary and to avoid or minimise the disturbance of the estuary and any adverse effects on water quality.
3. The consent holder shall ensure that the area and volume of estuary disturbance shall, so far as is practicable, be minimised and any areas which are disturbed shall, so far as is practicable, be reinstated.
4. The Structure authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. The consent holder shall notify the Taranaki Regional Council at least 48 hours prior to the structure's removal and reinstatement.
5. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2009 and/or June 2015, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 27 November 2002

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 8 May 2009

Conditions of Consent

Consent Granted: To use and maintain a boat ramp in the Urenui River
Estuary and occupy the related coastal space at or about
(NZTM) 1720465E-5683281N

Expiry Date: 1 June 2027

Review Date(s): June 2015, June 2021

Site Location: Urenui Domain

Legal Description: Urenui River Estuary Blk II Upper Waitara SD

Catchment: Tasman Sea
Urenui

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall maintain the structure in a safe and sound condition, so that it continues to function effectively as a boat ramp.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the river bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
3. The consent holder is required to provide, within six months of granting this consent, a baseline "as built" survey plan of the structure showing the position, length, width and height. This shall be updated following any maintenance that results in significant change to the dimensions of the structure.
4. Except with the written agreement of the Chief Executive, Taranaki Regional Council, the boat ramp shall be removed and the area reinstated, if and when it is no longer required. A further resource consent may be required to authorise the removal of the structure, and the consent holder is advised to seek advice from the Council on this matter.

Consent 4065-3

5. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 8 May 2009

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH

Consent Granted
Date: 27 November 2002

Conditions of Consent

Consent Granted: To construct, place and maintain riverbank protection works in the coastal marine area of the Urenui River estuary below the Camp Manager's residence at the Urenui Beach Motor Camp at or about GR: Q19:305-450

Expiry Date: 1 June 2021

Review Date(s): June 2009, June 2015

Site Location: Urenui Motor Camp Boat Ramp, Urenui Estuary

Legal Description: Pt Sec 29 Urenui Tn Blk Blk III Waitara SD

Catchment: Urenui

Consent 4183-2

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council (hereinafter the Chief Executive), the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall notify the Taranaki Regional Council at least 48 hours prior to the commencement and upon completion of the initial construction and again at least 48 hours prior to and upon completion of any maintenance works which would involve disturbance of or deposition to the estuary or discharges to water.
2. The consent holder shall adopt the best practicable option to avoid or minimise the discharge of silt or other contaminants into water or onto the estuary and to avoid or minimise the disturbance of the estuary and any adverse effects on water quality.
3. The consent holder shall ensure that the area and volume of estuary disturbance shall, so far as is practicable, be minimised and any areas which are disturbed shall, so far as is practicable, be reinstated.
4. The Structure authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. The consent holder shall notify the Taranaki Regional Council at least 48 hours prior to the structure's removal and reinstatement.
5. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2009 and/or June 2015, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 27 November 2002

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 27 March 2008

Conditions of Consent

Consent Granted: To erect an outfall structure on the foreshore or seabed,
and to occupy the associated coastal space, for diversion
of the Mangaotuku Stream in the Huatoki catchment for
flood control purposes at or about 2602721E-6238309N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: Foreshore, St Aubyn Street, adjacent to Egmont Street,
New Plymouth

Legal Description: Lot 1 DP 17494

Catchment: Tasman Sea
Huatoki

Tributary: Mangaotuku

Consent 4322-2

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 5067. In the case of any contradiction between the documentation submitted in support of application 5067 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall maintain the structure in a safe and sound condition to the satisfaction of the Chief Executive, Taranaki Regional Council.
3. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the sea bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
4. The consent holder shall at all times adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to prevent or minimise any adverse effects on the environment while undertaking maintenance on the structure, as provided for in conditions 2 and 3 of this consent.
5. The resource consent holder shall remove all structures licensed by this consent, to the satisfaction of the Chief Executive, Taranaki Regional Council, if and when these structures become no longer necessary. A specific resource consent to remove any structure may be required.

Consent 4322-2

6. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 27 March 2008

For and on behalf of
Taranaki Regional Council

Director-Resource Management

TRK944523

COASTAL PERMIT

**Pursuant to the RESOURCE MANAGEMENT ACT 1991
a change to special condition 1 of
resource consent TRK944523
is hereby granted by the
Taranaki Regional Council**

**[The original consent was granted by
the Minister of Conservation
on 23 November 1994]**

Name of: **NEW PLYMOUTH DISTRICT COUNCIL**
Consent Holder: **PRIVATE BAG 2025 NEW PLYMOUTH**

Change to
Conditions Date: **30 May 1995**

CONDITIONS OF CONSENT

Consent Granted: **TO ERECT AND MAINTAIN [INCLUDING THE EXISTING SEAWALL]
A ROCKWALL FROM THE TE HENUI STREAM MOUTH TO IN
FRONT OF THE EAST END SURF LIFESAVING CLUBROOMS
TOTALLING APPROXIMATELY 290 METRES**

Expiry Date: **1 June 2025** [Granted: **23 November 1994**]

Review Date[s]: **June 1995, June 2005 and June 2015**

For General, Standard and Special Conditions pertaining to this consent please see reverse side of this document.

TRK944523

GENERAL CONDITIONS

- a)The consent holder shall provide on request by the General Manager, Taranaki Regional Council, plans, specifications and maintenance programmes of works associated with the exercise of the consent, showing that the conditions of the consent are able to be met.
- b)The standards, techniques and frequency of monitoring of the consent shall be to the specific approval of the General Manager, Taranaki Regional Council.
- c)The consent holder shall pay all charges required by the General Manager, Taranaki Regional Council, to enable recovery of the actual and reasonable costs incurred in administration, monitoring and supervision of the consent.

SPECIAL CONDITIONS

- 1)THAT the seawall shall be designed, constructed and maintained in the manner, and to the specifications, outlined in the plans and documentation submitted in support of application 95/066.
- 2)THAT immediately following completion of the seawall, the consent holder shall suitably revegetate the construction site, to the satisfaction of the General Manager, Taranaki Regional Council.
- 3)THAT the consent holder shall monitor the beach profile of both East End and Fitzroy beaches at:
 - six month intervals; or
 - immediately following storm events as requested by the Taranaki Regional Councilin order to determine whether erosion of the beach profile is occurring.
- 4)THAT if the monitoring required by special condition 3 above shows that long term erosion of the beach profile is occurring which results in deterioration of the recreational value of East End beach and/or Fitzroy beach, the consent holder shall mitigate such erosion to the satisfaction of the General Manager, Taranaki Regional Council.
- 5)THAT the consent holder shall produce, via an appropriate public process, a coastal erosion management strategy for that part of the coast between the Te Henui Stream and the Waiwhakaiho River, which outlines how long term stabilisation and preservation of the beach profile through this area will be achieved. Such a plan is to be produced by 1 June 1995.
- 6)THAT the Taranaki Regional Council may review any or all of the conditions of this consent by giving notice of review during the six months following production of the coastal erosion management strategy [required by special condition 5 above], for the purpose of ensuring that the conditions are adequate to deal with the implications of the coastal erosion management strategy.

TRK944523

7) THAT the Taranaki Regional Council may review any or all of the conditions of this consent by giving notice of review during June 1995 and/or June 2005 and/or June 2015, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects of the seawall on the environment.

Signed at Stratford on 30 May 1995

For and on behalf of
TARANAKI REGIONAL COUNCIL

OPERATIONS MANAGER

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 14 May 2008

Conditions of Consent

Consent Granted: To erect, place and maintain rock boulder protection works,
and to occupy the associated coastal space, in the Oakura
River Estuary within the coastal marine area at or about
2592827E-6232210N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: Oakura River Estuary, Oakura

Legal Description: Pt Section 12 Oakura TN Belt II Wairau SD

Catchment: Tasman
Oakura

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 5080. In the case of any contradiction between the documentation submitted in support of application 5080 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall maintain the structure[s] in a safe and sound condition to the satisfaction of the Chief Executive, Taranaki Regional Council.
3. The consent holder is required to provide, within six months of granting this consent, a baseline "as built" survey plan of the structure showing its position, length, width and height, and front slope. This shall be updated following any maintenance that results in significant change to the dimensions of the structure.
4. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the river/sea bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
5. The structure authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. A further resource consent may be required to authorise removal of the structure and the consent holder is advised to seek advice from the Council on this matter.

Consent 4583-2

6. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 14 May 2008

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 14 May 2008

Conditions of Consent

Consent Granted: To erect, place and maintain a boat ramp, foreshore
protection works and other associated structures, and to
occupy the associated coastal space, within the coastal
marine area at Oakura Beach at or about
1681997E-5670029N to 1681424E-5669775N

Expiry Date: 1 June 2025

Review Date(s): June 2013, June 2019

Site Location: Foreshore Oakura Beach, Oakura

Legal Description: Beach/foreshore area adjacent to Lots 20, 37 & Pt Lot 17
DP 6580 Lot 4 DP 7870 Lot 3 DP 11994

Catchment: Tasman
Waimoku
Wairau

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 5081. In the case of any contradiction between the documentation submitted in support of application 5081 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall maintain the structures[s] in a safe and sound condition to the satisfaction of the Chief Executive, Taranaki Regional Council.
3. The consent holder is required to provide, within six months of granting this consent, a baseline "as built" survey plan of the structures showing position, length, width and height, and front slope (where appropriate). This shall be updated following any maintenance that results in significant change to the dimensions of the structures.
4. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the river/sea bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
5. The structures authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. A further resource consent may be required to authorise removal of the structure and the consent holder is advised to seek advice from the Council on this matter.

Consent 4584-2

6. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2013 and/or June 2019, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 14 May 2008

For and on behalf of
Taranaki Regional Council

Chief Executive

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 14 May 2008

Conditions of Consent

Consent Granted: To erect, place and maintain a rock groyne structure, and
to occupy the associated coastal space, at the
Waiwhakaiho River mouth within the coastal marine area
at or about 2605623E-6240282N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: Waiwhakaiho River mouth, New Plymouth

Legal Description: Coastal reserve adjacent to Pukeweka 17A

Catchment: Tasman
Waiwhakaiho

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 5082. In the case of any contradiction between the documentation submitted in support of application 5082 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall maintain the structure[s] in a safe and sound condition to the satisfaction of the Chief Executive, Taranaki Regional Council.
3. The consent holder is required to provide, within six months of granting this consent, a baseline "as built" survey plan of the structure showing its position, length, width and height, and front slope. This shall be updated following any maintenance that results in significant change to the dimensions of the structure.
4. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the river/sea bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
5. The structure authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. A further resource consent may be required to authorise removal of the structure and the consent holder is advised to seek advice from the Council on this matter.

Consent 4585-2

6. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 14 May 2008

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 13 May 2008

Conditions of Consent

Consent Granted: To erect, place and maintain a boat ramp and rock
protection works, and to occupy the associated coastal
space, in front of and adjacent to the Fitzroy Surf Club
within the coastal marine area at or about
2605080E-6239344N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: Fitzroy Beach, New Plymouth

Legal Description: Lot 2 DP 5697 & Sec 97 Fitzroy Dist

Catchment: Tasman

Tributary: Waiwhakaiho

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 5083. In the case of any contradiction between the documentation submitted in support of application 5083 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall maintain the structure[s] in a safe and sound condition to the satisfaction of the Chief Executive, Taranaki Regional Council.
3. The consent holder shall provide, within six months of granting this consent, a baseline "as built" survey plan of the structure showing its position, length, width and height, and front slope. This shall be updated following any maintenance that results in significant change to the dimensions of the structure.
4. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the sea bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
5. The structure authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. A further resource consent may be required to authorise removal of the structure and the consent holder is advised to seek advice from the Council on this matter.

Consent 4586-2

6. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 13 May 2008

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 14 May 2008

Conditions of Consent

Consent Granted: To erect, place and maintain a rock groyne structure, and
to occupy the associated coastal space, at the Te Henui
Stream mouth within the coastal marine area at or about
2604329E-6238842N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: True left bank of the Te Henui Stream mouth,
New Plymouth

Legal Description:

Catchment: Tasman
Te Henui

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 5084. In the case of any contradiction between the documentation submitted in support of application 5084 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall maintain the structure[s] in a safe and sound condition to the satisfaction of the Chief Executive, Taranaki Regional Council.
3. The consent holder is required to provide, within six months of granting this consent, a baseline "as built" survey plan of the structure showing its position, length, width and height, and front slope. This shall be updated following any maintenance that results in significant change to the dimensions of the structure.
4. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the sea bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
5. The structure authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. A further resource consent may be required to authorise removal of the structure and the consent holder is advised to seek advice from the Council on this matter.

Consent 4587-2

6. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 14 May 2008

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 8 May 2009

Conditions of Consent

Consent Granted: To use and maintain a bridge in the coastal marine area of
the Onaero River Estuary and to occupy the related coastal
space at or about (NZTM) 1718284E-5682890N

Expiry Date: 1 June 2027

Review Date(s): June 2015, June 2021

Site Location: Onaero River Estuary

Legal Description: Onaero River Reserve Blk III Waitara SD

Catchment: Tasman
Onaero

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall maintain the structure in a safe and sound condition so that it continues to function effectively as a bridge.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the river bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
3. The consent holder is required to provide, within six months of granting this consent, a baseline "as built" survey plan of the structure showing the position, length, width and height. This shall be updated following any maintenance that results in significant change to the dimensions of the structure.
4. Except with the written agreement of the Chief Executive, Taranaki Regional Council, the bridge shall be removed and the area reinstated, if and when it is no longer required. A further resource consent may be required to authorise the removal of the structure, and the consent holder is advised to seek advice from the Council on this matter.

Consent 4590-2

5. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 8 May 2009

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 27 March 2008

Conditions of Consent

Consent Granted: To erect, place and maintain an outlet structure from the
Hongihongi Stream within the coastal marine area and to
occupy the associated coastal space at or about
2599790E-6237885N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: Mouth Of The Hongihongi Stream, western end of
Ngamotu Beach, Port Taranaki, New Plymouth

Legal Description: Lot 1 DP 17440

Catchment: Tasman Sea

Tributary: Hongihongi

Consent 4592-2

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 5085. In the case of any contradiction between the documentation submitted in support of application 5085 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall maintain the structure in a safe and sound condition to the satisfaction of the Chief Executive, Taranaki Regional Council.
3. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the river bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
4. The resource consent holder shall remove all structures licensed by this consent, to the satisfaction of the Chief Executive, Taranaki Regional Council, if and when these structures become no longer necessary. A specific resource consent to remove any structure may be required.

Consent 4592-2

5. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 27 March 2008

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted 27 May 2008
Date:

Conditions of Consent

Consent Granted: To erect, place and maintain an outlet structure from the
Mangaotuku Stream diversion tunnel, and to occupy the
associated coastal space, within the coastal marine area at
or about (NZTM) 1691043E-5676236N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: Immediately north of the Lee Breakwater,
Ocean View Parade, New Plymouth

Legal Description: E On So 13022 Sec 2 So 14684

Catchment: Tasman
Huatoke

Tributary: Mangaotuku

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 5086. In the case of any contradiction between the documentation submitted in support of application 5086 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall maintain the structure[s] to the satisfaction of the Chief Executive, Taranaki Regional Council.
3. The consent holder is required to provide, within six months of granting this consent, a baseline "as built" survey plan of the structure showing its position, length, width and height. This shall be updated following any maintenance that results in significant change to the dimensions of the structure.
4. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the sea bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
5. The structure authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. A further resource consent may be required to authorise the removal of the structure, and the consent holder is advised to seek advice from the Council on this matter.

Consent 4594-2

6. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 27 May 2008

For and on behalf of
Taranaki Regional Council

Director-Resource Management

**Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council**

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 10 September 2014

Commencement Date: 10 September 2014

Conditions of Consent

Consent Granted: To occupy the Coastal Marine Area with a marine outfall
structure

Expiry Date: 01 June 2032

Review Date(s): June 2020, June 2026

Site Location: 35 Octavius Place, East End

Legal Description: Pt Sec 2402 Tn of New Plymouth (Site of structure)

Grid Reference (NZTM) 1693440E-5677078N

Catchment: Tasman Sea

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

Special conditions

1. This consent authorises the occupation of space in the Coastal Marine Area by the structure existing at the time the application for this consent was lodged, and as described in the application. Any change to the nature or scale of the structure may therefore need to be authorised by a formal process in accordance with the Resource Management Act 1991.
2. The consent holder shall maintain the structure in a safe and sound condition such that it continues to function effectively as an outfall.
3. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020 and/or June 2026, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 10 September 2014

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 30 May 2008

Conditions of Consent

Consent Granted: To erect, place and maintain two stormwater outlet
structures, and to occupy the associated coastal space, on
East End and Fitzroy Beaches within the coastal marine
area at or about (NZTM) 1694457E-5677219N and
1695049E-5677690N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: Fitzroy and East End Beaches, New Plymouth

Legal Description: Lot 2 DP 5697 & Sec 97 Fitzroy Dist

Catchment: Tasman Sea
Te Henui

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 5087. In the case of any contradiction between the documentation submitted in support of application 5087 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall maintain the structures in a safe and sound condition, to the satisfaction of the Chief Executive, Taranaki Regional Council.
3. The consent holder is required to provide, within six months of granting this consent, a baseline "as built" survey plan of each structure showing their position, length, width and height. This shall be updated following any maintenance that results in significant change to the dimensions of the structures.
4. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the sea bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
5. The consent holder shall ensure that the gabions around the Fitzroy stormwater outlet are covered with cobbles and boulders at all times, so as not to be visible to the public.
6. Should the Fitzroy outlet structure collapse the consent holder shall take immediate steps to secure and remove all foreign material including mesh, steel, and concrete from the coastal marine area.
7. The structures authorised by this consent shall be removed and the area reinstated, if and when the structures are no longer required. A specific resource consent may be required to remove the structure.

Consent 4596-2

8. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 30 May 2008

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted 11 May 2009
Date:

Conditions of Consent

Consent Granted: To use and maintain a stormwater outlet structure situated
on the true right bank, and to occupy the related coastal
space, within the coastal marine area of the Waitara River
Estuary at or about (NZTM) 1706605E-5683656N

Expiry Date: 1 June 2027

Review Date(s): June 2015, June 2021

Site Location: True right bank of the Waitara River, at the confluence of
an unnamed tributary of the Waitara River [which drains
what is known as the Golf Course catchment] and the
Waitara River itself

Legal Description: Soil conservation and river control reserve, adjacent to Lot
2 DP 10589

Catchment: Tasman Sea
Waitara

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

Consent 4598-2

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall maintain the structure in a safe and sound condition, so that it continues to function effectively as a stormwater outlet, to the satisfaction of the Chief Executive, Taranaki Regional Council.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to and upon completion of any maintenance works which would involve disturbance of or deposition to the river bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
3. The consent holder is required to provide, within six months of granting this consent, a baseline "as built" survey plan of the structure showing the position, length, width and height. This shall be updated following any maintenance that results in significant change to the dimensions of the structure.
4. Except with the written agreement of the Chief Executive, Taranaki Regional Council, the structure shall be removed and the area reinstated, if and when it is no longer required. A further resource consent may be required to authorise the removal of the structure, and the consent holder is advised to seek advice from the Council on this matter.

Consent 4598-2

5. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 11 May 2009

For and on behalf of
Taranaki Regional Council

Director-Resource Management



CHIEF EXECUTIVE
PRIVATE BAG 713
47 CLOTEN ROAD
STRATFORD
NEW ZEALAND
PHONE: 06-765 7127
FAX: 06-765 5097
www.trc.govt.nz

Please quote our file number
on all correspondence

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 29 May 2009

Conditions of Consent

Consent Granted: To use and maintain the existing training works and associated structures at the mouth of the Waitara River, including the related occupation of the coastal marine area at or about (NZTM) 1706384E-5683931N

Expiry Date: 1 June 2027

Review Date(s): June 2012, June 2015, June 2021

Site Location: Waitara River Mouth, Waitara

Legal Description: Pt Sec 15 Blk I Waitara SD

Catchment: Tasman Sea
Waitara

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

Consent 4600-2

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

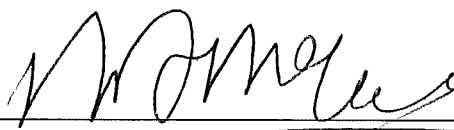
1. The consent holder shall maintain, to the satisfaction of the Chief Executive, Taranaki Regional Council, the structures in the condition that they are as of the date this consent is issued.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the sea bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
3. Maintenance does not include remedial work on the structures, or any work which results in an increase in the area of foreshore, seabed or riverbed occupied by the structure. This work would require a further resource consent[s] or a change to conditions depending on the scale of the work proposed.
4. The structures authorised by this consent shall be removed and the area reinstated, if and when the structures are no longer required. A further resource consent may be required to authorise removal of the structures and the consent holder is advised to seek advice from the Council on this matter.

Consent 4600-2

5. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2012 and/or 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 29 May 2009

For and on behalf of
Taranaki Regional Council



Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Change To 22 November 2007 [Granted: 26 May 1995]
Conditions Date:

Conditions of Consent

Consent Granted: To place and maintain the existing structure on the New Plymouth foreshore from the lee breakwater to the Te Henui Stream being the rock protection works, including rock revetment works in the vicinity of Kawaroa Park, and the various associated stormwater outlet structures; but excluding those protection works between Kawaroa Park and the Tasman Prospect at or about 2603803E-6238837 to 2603903E-6238845N

Expiry Date: 1 June 2025

Review Date(s): June 2015

Site Location: New Plymouth Foreshore, New Plymouth

Legal Description: New Plymouth Coastal Reserve

Catchment: Tasman Sea

Consent 4602-1

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

Condition 1 – new

1. This consent authorises modifications to the profile of the structure from chainage 760 to 860 as detailed in application 4811. The modifications authorised are as shown on drawing DR-070103-008, prepared by Ocel Consultants NZ Limited, and provided with application 4811.

Conditions 2 to 8 – previously conditions 1 - 7

2. That the consent holder shall provide a plan of the structure between the Lee Breakwater and the Te Henui Stream by 1 November 1995, to the satisfaction of the Chief Executive, Taranaki Regional Council.
3. That the consent holder shall develop and implement a monitoring programme for the length of foreshore between the Lee Breakwater and the Te Henui Stream, by 1 November 1995, to the satisfaction of the Chief Executive, Taranaki Regional Council.
4. That the consent holder shall produce a management strategy for the coastline between the Lee Breakwater and the Te Henui Stream, including: options for access improvement/enhancement; an erosion strategy indicating how long-term stabilisation and preservation and/or improvement of the beach profile will be achieved; and a contingency plan covering the possibility of seawall failure; by 1 June 1996, to the satisfaction of the Chief Executive, Taranaki Regional Council.
5. That the consent holder shall maintain the structure to the satisfaction of the Chief Executive, Taranaki Regional Council.
6. That the consent holder shall notify the Taranaki Regional Council at least 24 hours prior to undertaking any major maintenance works.
7. That if the structure is no longer required it shall be removed to the satisfaction of the Chief Executive, Taranaki Regional Council.

Consent 4602-1

8. That the Taranaki Regional Council may review any or all of the conditions of this consent by giving notice of review during the month of June 2015, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects of the structure on the environment, arising from the exercise of this consent.

Signed at Stratford on 22 November 2007

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 18 March 2008

Conditions of Consent

Consent Granted: To erect, place and maintain a concrete foot bridge over
the mouth of a small tidal inlet in the Waiwhakaiho River
estuary, and to occupy the associated coastal space at or
about 2606036E-6240142N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: Left bank of the Waiwhakaiho River estuary, Peringa Park
Reserve, New Plymouth

Legal Description: Recreation Reserve adjacent to Pukeweka 17A & 17B

Catchment: Tasman

Tributary: Waiwhakaiho

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall at all times adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to prevent or minimise any adverse effects on the environment from the exercise of this consent.
2. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 5088. In the case of any contradiction between the documentation submitted in support of application 5088 and the conditions of this consent, the conditions of this consent shall prevail.
3. The consent holder shall maintain the structure[s] to the satisfaction of the Chief Executive, Taranaki Regional Council.
4. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the river bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.

Consent 4603-2

5. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 18 March 2008

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 8 May 2009

Conditions of Consent

Consent Granted: To use and maintain the existing four groynes and
associated rip rap within the coastal marine area of the
Tongaporutu Estuary, and to occupy the related coastal
space at or about (NZTM) 1738160E-5702327N to
1738282E-5702325N

Expiry Date: 1 June 2027

Review Date(s): June 2015, June 2021

Site Location: True Right Bank Tongaporutu Domain, Clifton Road,
Tongaporutu

Legal Description: Adjacent to Pt Lot 1 DP 4866 Sec 1 SO Plan 10359

Catchment: Tasman
Tongaporutu

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall maintain the structures in a safe and sound condition, so that they continue to function effectively as groynes, to the satisfaction of the Chief Executive, Taranaki Regional Council.
2. The consent holder is required to provide, within six months of granting this consent, a baseline "as built" survey plan of the structures showing their position, length, width and height, and front slope.
3. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the sea bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
4. The structures authorised by this consent shall be removed and the area reinstated, if and when the structures are no longer required. A further resource consent may be required to authorise removal of the structures and the consent holder is advised to seek advice from the Council on this matter.

Consent 4818-2

5. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 8 May 2009

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 11 May 2009

Conditions of Consent

Consent Granted: To use and maintain a stormwater outfall structure in the coastal marine area on the true left bank of the Waitara River Estuary, and to occupy the related coastal space at or about (NZTM) 1706608E-5683272N

Expiry Date: 1 June 2027

Review Date(s): June 2015, June 2021

Site Location: Waitara River Estuary, adjacent to McNaughton Street, Waitara

Legal Description: Reserve adjacent to Sec 4 Blk XXXV TN of Waitara W

Catchment: Tasman Sea
Waitara

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

- 1. The consent holder shall maintain the structure in a safe and sound condition, so that it continues to function effectively as a stormwater outfall structure.
- 2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the sea bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
- 3. The structures authorised by this consent shall be removed and the area reinstated, if and when the structures are no longer required. A further resource consent may be required to authorise removal of the structures and the consent holder is advised to seek advice from the Council on this matter.
- 4. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 11 May 2009

For and on behalf of
Taranaki Regional Council

Director-Resource Management

TRK965035

COASTAL PERMIT

**Pursuant to the RESOURCE MANAGEMENT ACT 1991
a resource consent is hereby granted by the
Taranaki Regional Council**

Name of NEW PLYMOUTH DISTRICT COUNCIL
Consent Holder: PRIVATE BAG 2025 NEW PLYMOUTH

Change to
Conditions Date: 12 September 1996

CONDITIONS OF CONSENT

Consent Granted: TO PLACE AND MAINTAIN A BOULDER ROCK REVETMENT
SEAWALL OF APPROXIMATELY 220 METRES LENGTH AT
ONAERO BEACH FOR COASTAL EROSION PROTECTION
PURPOSES AT OR ABOUT GR: Q19:271-448 TO Q19:273-448

Expiry Date: 1 June 2026 [Granted: 5 June 1991]

Review Date[s]: June 2006 and June 2016

Site Location: ONAERO BEACH ROAD, ONAERO

Legal Description: LOT 9 DP6685 LOT 11 DP5090 BLK III UPPER WAITARA SD

Catchment: TASMAN SEA 900.000

For General, Standard and Special Conditions pertaining to this consent please see reverse side of this document.

TRK965035

GENERAL CONDITIONS

- (a) That on receipt of a requirement from the General Manager, Taranaki Regional Council (hereinafter the General Manager), the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- (b) That unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- (c) That the consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - (i) the administration, monitoring and supervision of this consent;
 - (ii) charges for the carrying out of the Council's functions under section 35 in relation to this consent; and
 - (iii) charges authorised by regulations.

SPECIAL CONDITIONS

1. THAT the structure shall be maintained in accordance with the documentation submitted in support of the proposed reconstruction, including a smooth transition/blending into the adjacent boulder rock revetment seawall licensed by TRK964986.
2. THAT the consent holder shall notify the Taranaki Regional Council at least 48 hours prior to undertaking any major maintenance works which could involve disturbance of, or discharge to, the coastal marine area.
3. THAT during any subsequent maintenance works, the consent holder must observe every practicable measure to prevent the discharge of contaminants to, and to minimise the disturbance of, the coastal marine area.
4. THAT in situ beach materials shall not be used for maintenance purposes.
5. THAT the structure licensed by this consent shall be removed, and the area reinstated, if and when it is no longer required.
6. THAT the Taranaki Regional Council may review any or all of the conditions of this consent by giving notice of review during the month of June 2006 and/or June 2016, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this consent.

Signed at Stratford on 12 September 1996

For and on behalf of
TARANAKI REGIONAL COUNCIL

OPERATIONS MANAGER

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 30 May 2008

Conditions of Consent

Consent Granted: To erect, place and maintain a boulder rock revetment
seawall of approximately 740 metres in length, and to
occupy the associated coastal space, at Bell Block for
coastal erosion protection purposes at or about (NZTM)
1699199E-5680428N to 1699830E-5680640N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: Wanaka Terrace / Mangati Road / Tiromoana Crescent,
Bell Block

Legal Description: Lot 2 DP 9924, Lot 1 Pt Lots 2 - 17 DP 7607, Mangati C2
Blk II Paritutu SD, Pt Lot 16 DP 8550, Lot 1 DP 11037 Blk
II Paritutu SD

Catchment: Tasman Sea

Consent 5102-4

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of applications 97/021, 2972, 3578 and 5102. In the case of any contradiction between the documentation submitted in support of applications 97/021, 2972, 3578 and 5102 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall maintain the structure[s] in a safe and sound condition to the satisfaction of the Chief Executive, Taranaki Regional Council.
3. The consent holder is required to provide, within six months of granting this consent, a baseline "as built" survey plan of the structure showing its position, length, width and height, and front slope. This shall be updated following any maintenance that results in significant change to the dimensions of the structure.
4. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of any maintenance works which would involve disturbance of or deposition to the sea bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
5. Maintenance and removal of the structure authorised by this consent shall comply with the noise standards as outlined in section 4.4.3 of the Regional Coastal Plan for Taranaki.
6. The structure authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. A further resource consent may be required to authorise the removal of the structure, and the consent holder is advised to seek advice from the Council on this matter.

Consent 5102-4

7. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 30 May 2008

For and on behalf of
Taranaki Regional Council

Director-Resource Management

**Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council**

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 10 September 2014

Commencement Date: 10 September 2014

Conditions of Consent

Consent Granted: To occupy the Coastal Marine Area with a stormwater outfall
structure on the New Plymouth Foreshore

Expiry Date: 01 June 2025

Review Date(s): June 2020

Site Location: Woolcombe Terrace, New Plymouth

Legal Description: Adjacent to Lot 1 DP 13963 Lot 4 DP 14064
(Site of structure)

Grid Reference (NZTM) 1693268E-5676736N

Catchment: Tasman Sea
Huatoke

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

Special conditions

1. This consent authorises the occupation of space in the Coastal Marine Area by the outlet structure existing at the time the application for this consent was lodged, and as described in the application. Any change to the nature or scale of the structure may therefore need to be authorised by a formal process in accordance with the Resource Management Act 1991.
2. The consent holder shall maintain the structure in a safe and sound condition such that it continues to function effectively as an outlet structure.
3. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020 for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 10 September 2014

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 02 September 2014

Commencement Date: 02 September 2014

Conditions of Consent

Consent Granted: To occupy the Coastal Marine Area with a stormwater outfall
structure on the Ngamotu Beach foreshore

Expiry Date: 01 June 2032

Review Date(s): June 2020, June 2026

Site Location: Ngamotu Beach, Ocean View Parade, New Plymouth

Legal Description: Coastal Reserve Blk IV Paritutu SD (Site of structure)

Grid Reference (NZTM) 1690093E-56759725N

Catchment: Tasman Sea
Huatoke

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

Special conditions

1. This consent authorises the occupation of space in the Coastal Marine Area by the outlet structure existing at the time the application for this consent was lodged, and as described in the application. Any change to the nature or scale of the structure may therefore need to be authorised by a formal process in accordance with the Resource Management Act 1991.
2. The consent holder shall maintain the structure in a safe and sound condition such that it continues to function effectively as an outlet structure.
3. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020 and/or June 2026 for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 02 September 2014

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

**Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council**

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 10 September 2014

Commencement Date: 10 September 2014

Conditions of Consent

Consent Granted: To occupy the Coastal Marine Area with a stormwater outfall structure including boulder rip rap minor toe protection in the Coastal Marine Area of Oakura Beach

Expiry Date: 01 June 2048

Review Date(s): June 2020 and every 6 years thereafter

Site Location: 63 & 65 Messenger Terrace, Oakura

Legal Description: Lot 54 DP 7538 (Site of structure)

Grid Reference (NZTM) 1682363E-5670303N

Catchment: Tasman Sea
Oakura

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

Special conditions

1. This consent authorises the occupation of space in the Coastal Marine Area by the outlet structure existing at the time the application for this consent was lodged, and as described in the application. Any change to the nature or scale of the structure may therefore need to be authorised by a formal process in accordance with the Resource Management Act 1991.
2. The consent holder shall maintain the structure in a safe and sound condition such that it continues to function effectively as a stormwater outlet and protection structure.
3. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020 and at 6-yearly intervals thereafter, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 10 September 2014

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

**Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council**

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 17 October 2014

Commencement Date: 17 October 2014

Conditions of Consent

Consent Granted: To occupy the Coastal Marine Area with boulder rip rap
minor toe protection and a stormwater outlet for coastal
erosion control purposes

Expiry Date: 01 June 2048

Review Date(s): June 2020 and every 6 years thereafter

Site Location: 71 Messenger Terrace, Oakura

Legal Description: Lot 54 DP 7538 (Site of structure)

Grid Reference (NZTM) Between 1682410E-5670334N and 1682420E-5670338N

Catchment: Tasman
Oakura

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act, 1991.

Special conditions

1. This consent authorises the occupation of space in the Coastal Marine Area by the protection structure existing at the time the application for this consent was lodged, and as described in the application. Any change to the nature or scale of the structure may therefore need to be authorised by a formal process in accordance with the Resource Management Act, 1991.
2. The consent holder shall maintain the structure in a safe and sound condition such that it continues to function effectively as a protection structure and stormwater outlet.
3. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020 and at 6-yearly intervals thereafter, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 17 October 2014

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

**Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council**

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 10 September 2014

Commencement Date: 10 September 2014

Conditions of Consent

Consent Granted: To occupy the Coastal Marine Area with a stormwater outfall structure including boulder rip rap minor toe protection in the Coastal Marine Area of Oakura Beach

Expiry Date: 01 June 2048

Review Date(s): June 2020 and every 6 years thereafter

Site Location: 63 & 65 Messenger Terrace, Oakura

Legal Description: Lot 54 DP 7538 (Site of structure)

Grid Reference (NZTM) 1682363E-5670303N

Catchment: Tasman Sea
Oakura

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

Special conditions

1. This consent authorises the occupation of space in the Coastal Marine Area by the outlet structure existing at the time the application for this consent was lodged, and as described in the application. Any change to the nature or scale of the structure may therefore need to be authorised by a formal process in accordance with the Resource Management Act 1991.
2. The consent holder shall maintain the structure in a safe and sound condition such that it continues to function effectively as a stormwater outlet and protection structure.
3. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020 and at 6-yearly intervals thereafter, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 10 September 2014

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

**Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council**

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 10 November 2015

Commencement Date: 10 November 2015

Conditions of Consent

Consent Granted: To occupy the coastal marine area with a 426 metre long
rock rip rap seawall located on the Urenui Beach foreshore

Expiry Date: 1 June 2050

Review Date(s): June 2021, June 2027, June 2033, June 2039, June 2045

Site Location: Beach Road, Urenui

Legal Description: Adjacent to Sec 29 Blk III SD (Site of structure)

Grid Reference (NZTM) Between 1720433E-5683506N & 1720838E-5683626N

Catchment: Tasman
Urenui

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council [the Council] all the administration, monitoring and supervision costs of this consent, fixed in accordance to section 36 of the Resource Management Act 1991.

Special conditions

1. This consent authorises the occupation of space in the Coastal Marine Area by the protection structure existing at the time the application for this consent was lodged, and as described in the application. Any change to the nature or scale of the structure may therefore need to be authorised by a formal process in accordance with the Resource Management Act, 1991.
2. The consent holder shall maintain the structure in a safe and sound condition such that it continues to function effectively as a protection structure.
3. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month June 2021 and/or June 2027 and/or June 2033 and/or June 2039 and/or June 2045, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 10 November 2015

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH

Consent Granted 22 June 2001
Date:

Conditions of Consent

Consent Granted: To place, use and maintain a main trunk sewage pipeline
under the coastal marine area of the beds of the Te Henui
Stream and Waiwhakaiho River estuaries at or about GR:
P19:043-388 and P19:066-402

Expiry Date: 1 June 2025

Review Date(s): June 2005, June 2015

Site Location: Te Henui Stream and Waiwhakaiho River estuaries, New
Plymouth

Legal Description: Coastal Reserve Blks IV & II Paritutu SD

Catchment: Te Henui
Waiwhakaiho

Consent 5834-1

General conditions

- a) That on receipt of a requirement from the Chief Executive, Taranaki Regional Council (hereinafter the Chief Executive), the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) That unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) That the consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall notify the Taranaki Regional Council at least 48 hours prior to undertaking any major maintenance works which could involve disturbance of, or discharge to, the coastal marine area.
2. During any subsequent maintenance works, the consent holder must observe every practicable measure to prevent the discharge of silt and/or debris and/or any other contaminants to, and to minimise the disturbance of, the bed of the coastal marine area.
3. Where practicable, the structures licensed by this consent shall be removed and the area reinstated, if and when they are no longer required, to the satisfaction of the Chief Executive, Taranaki Regional Council.
4. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2005 and/or June 2015, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 22 June 2001

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH

Consent Granted
Date: 12 December 2002

Conditions of Consent

Consent Granted: To erect, place and maintain a stormwater outlet structure
in the coastal marine area adjacent to the East End
Reserve at or about GR: P19:043-388

Expiry Date: 1 June 2021

Review Date(s): June 2009, June 2015

Site Location: East End Reserve, Nobbs Line, New Plymouth

Legal Description: Coastal Esplanade Reserve New Plymouth City

Catchment: Te Henui

Consent 6096-1

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council (hereinafter the Chief Executive), the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall notify the Taranaki Regional Council at least 48 hours prior to undertaking any maintenance works which could involve disturbance of the coastal marine area.
2. During any subsequent maintenance works, the consent holder shall ensure that the area and volume of foreshore disturbance shall, so far as practicable, be minimised and any areas that are disturbed shall, so far as practicable, be reinstated.
3. In situ beach materials shall be used seaward of the structure for foreshore reinstatement purposes only, and shall not be used for construction purposes.
4. The structure licensed by this consent shall be constructed and maintained in accordance with conditions 1 to 3 above, and the information submitted in support of the application.
5. The structure authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. The consent holder shall notify the Taranaki Regional Council at least 48 hours prior to the structure's removal.
6. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2009 and/or June 2015, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 12 December 2002

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH

Consent Granted
Date: 8 January 2004

Conditions of Consent

Consent Granted: To erect, place and maintain gabion basket and rock rip rap protection on the true right bank within the coastal marine area of the Te Henui Stream estuary for bank protection purposes at or about GR: P19:043-388

Expiry Date: 1 June 2020

Review Date(s): June 2008, June 2014

Site Location: Est End Reserve, Buller Street, New Plymouth

Legal Description: East End Recreation Reserve City of New Plymouth

Catchment: Te Henui

Consent 6242-1

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall notify the Chief Executive, Taranaki Regional Council, at least 48 hours prior to the commencement and upon completion of the initial construction and again at least 48 hours prior to and upon completion of any subsequent maintenance works which would involve disturbance of or deposition to the riverbed or discharges to water.
2. The structure[s] authorised by this consent shall be constructed generally in accordance with the documentation submitted in support of the application and shall be maintained to ensure the conditions of this consent are met.
3. The consent holder shall adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to avoid or minimise the discharge of silt or other contaminants into water or onto the riverbed and to avoid or minimise the disturbance of the riverbed and any adverse effects on water quality.
4. The consent holder shall ensure that the area and volume of riverbed disturbance shall, so far as is practicable, be minimised and any areas which are disturbed shall, so far as is practicable, be reinstated.
5. The structure[s] authorised by this consent shall be removed and the area reinstated, if and when the structure[s] are no longer required. The consent holder shall notify the Taranaki Regional Council at least 48 hours prior to structure[s] removal and reinstatement.
6. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2008 and/or June 2014, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 8 January 2004

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH

Consent Granted
Date: 16 February 2004

Conditions of Consent

Consent Granted: To erect, place and maintain rock rip rap boulder protection
in the coastal marine area on both banks of the Oakura
River estuary for reclamation and erosion control purposes,
and including the disturbance of the bed by way of
excavation and extraction of loose sediment from an
upstream island shoal deposit for river control purposes at
or about GR: P19:927-324

Expiry Date: 1 June 2020

Review Date(s): June 2008, June 2014

Site Location: South Road, Oakura

Legal Description: Oakura River Reserve Blk II Wairau SD

Catchment: Oakura

Consent 6270-1

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall at all times adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to avoid or minimise the discharge of silt or other contaminants into water or onto the riverbed and to avoid or minimise the disturbance of the riverbed and any adverse effects on water quality.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of the initial construction and again at least 48 hours prior to and upon completion of any subsequent maintenance works which would involve disturbance of or deposition to the riverbed or discharges to water.
3. The structure[s] authorised by this consent shall be constructed generally in accordance with the documentation submitted in support of the application and shall be maintained to ensure the conditions of this consent are met.
4. The consent holder shall ensure that the area and volume of disturbance shall, so far as is practicable, be minimised and any areas which are disturbed shall, so far as is practicable, be reinstated.
5. Any disturbance of parts of the riverbed covered by water and/or any works which may result in downstream discolouration of water shall be undertaken only between 1 December and 1 March, except where this requirement is waived in writing by the Chief Executive, Taranaki Regional Council.
6. The structure[s] authorised by this consent shall be removed and the area reinstated, if and when the structure[s] are no longer required. The consent holder shall notify the Taranaki Regional Council at least 48 hours prior to structure[s] removal and reinstatement.
7. This consent shall lapse on the expiry of five years after the date of issue of this consent, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.

Consent 6270-1

8. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2008 and/or June 2014, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 16 February 2004

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH

Consent Granted
Date: 16 June 2004

Conditions of Consent

Consent Granted: To erect, place and maintain gabion basket and rock rip rap protection on the true left bank within the coastal marine area of the Urenui River estuary for bank protection purposes at or about GR: Q19:305-448

Expiry Date: 1 June 2020

Review Date(s): June 2008, June 2014

Site Location: Whakapaki Street, Urenui

Legal Description: Sec 8 SO 9491 Urenui Town Belt

Catchment: Urenui

Consent 6411-1

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall notify the Chief Executive, Taranaki Regional Council, at least 48 hours prior to the commencement and upon completion of the initial construction and again at least 48 hours prior to and upon completion of any subsequent maintenance works which would involve disturbance of or deposition to the riverbed or discharge to water.
2. The structure authorised by this consent shall be constructed generally in accordance with the documentation submitted in support of application 3152 and shall be maintained to ensure the conditions of this consent are met.
3. The consent holder shall at all times adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to avoid or minimise the discharge of silt or other contaminants into water or onto the riverbed and to avoid or minimise the disturbance of the riverbed and any adverse effects on water quality from the exercise of this resource consent.
4. The consent holder shall ensure that the area and volume of riverbed disturbance shall, so far as is practicable, be minimised and any areas which are disturbed shall, so far as is practicable, be reinstated.
5. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2008 and/or June 2014, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 16 June 2004

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH

Consent Granted
Date: 4 February 2005

Conditions of Consent

Consent Granted: To erect, place and maintain a stormwater outlet structure
in the coastal marine area on the true right stopbank of the
Waitara River at or about GR: Q19:168-452

Expiry Date: 1 June 2021

Review Date(s): June 2009, June 2015

Site Location: Atkinson Street / East Quay Intersection, Waitara

Legal Description: Lots 1-3 DP 20635 Lot 1 DP 20861 Lot 12 DP 2822 Lots
18-20 DP 3542 Lots 27-29 DP 4670 Sec 2 SO 13391 Sec
2 SO 13393 Sec 3 SO 13395 Town of Waitara

Catchment: Waitara

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 3533. In the case of any contradiction between the documentation submitted in support of application 3533 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of the initial installation and again at least 48 hours prior to and upon completion of any subsequent maintenance works which would involve disturbance of the coastal marine area.
3. During any subsequent maintenance works, the consent holder shall ensure that the areas and volume of foreshore disturbance shall, so far as practicable, be minimised and any areas that are disturbed shall, so far as practicable be reinstated.
4. In situ materials shall be used seaward of the structure for foreshore reinstatement purposes only, and shall not be used for construction purposes.
5. This consent shall lapse on the expiry of five years after the date of issue of this consent, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
6. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2009 and/or June 2015, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent,

Consent 6525-1

which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 4 February 2005

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH

Consent Granted
Date: 17 February 2005

Conditions of Consent

Consent Granted: To erect, place and maintain an existing boat ramp at
Paritutu/Back Beach in the coastal marine area at or about
GR: P19:982-368

Expiry Date: 1 June 2020

Review Date(s): June 2010, June 2015

Site Location: Paritutu/Back Beach, 200 Centennial Drive, New Plymouth

Legal Description: Lots 63 & 64 DP 10427 Coastal Reserve Blk IV Paritutu
SD

Catchment: Tasman Sea

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall at all times adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to prevent or minimise any adverse effects on the environment from the exercise of this consent.
2. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 3547. In the case of any contradiction between the documentation submitted in support of application 3547 and the conditions of this consent, the conditions of this consent shall prevail.
3. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least forty eight hours prior to the exercise of this consent.
4. There shall be no refuelling of construction machinery within the coastal marine area.
5. The consent holder shall ensure that the area and volume of foreshore disturbance shall, so far as practicable, be minimised and any areas which are disturbed shall, so far as practicable, be reinstated.
6. During construction and maintenance periods the area subject to works shall have sufficient signage to ensure public safety of any potential safety hazards.
7. During maintenance and construction the consent holder shall adopt the best practicable option to avoid or minimise the discharge of any concrete slurry or any other debris or contaminants into water or onto the foreshore or seabed.
8. This consent shall lapse on the expiry of five years after the date of issue of this consent, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
9. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2010 and/or June 2015, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent,

Consent 6553-1

which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 17 February 2005

For and on behalf of
Taranaki Regional Council

Director-Resource Management

**Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council**

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 21 September 2016

Commencement Date: 21 September 2016

Conditions of Consent

Consent Granted: To erect and place a boulder rock rip rap seawall, up to 138
metre long, in the coastal marine area at the Urenui Beach
foreshore for coastal erosion protection purposes

Expiry Date: 1 June 2033

Review Date(s): June 2021 and June annually thereafter

Site Location: Urenui Beach Road, Urenui

Grid Reference (NZTM) Between 1720304E-5683454N and 1720437E-5683506N

Catchment: Tasman Sea
Urenui

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act, 1991.

Special conditions

1. This consent authorises the construction of a low level seawall structure in 2 stages (Stages 2 and 3), as described in the documents attached to the application and specifically:
 - a) *Assessment of Environmental Effects* prepared by OCEL Consultants NZ Limited, referenced 001001 and dated August 2016; and
 - b) *Plan of New Low level Seawall, Stage 2 and Stage 3*, prepared by Bland and Jackson Surveyors Limited, Drawing No: DR-001001-015, Revision 1 and dated 19/08/2016;
 - c) *Urenui Seawall Extension Cross Sections*, prepared by Bland and Jackson Surveyors Limited, Drawing No: DR-001001-011, Revision 6 and dated 06/07/2016.

In the case of any contradiction between the application details and the conditions of this consent, the conditions of this consent shall prevail.

2. The construction shall commence from the eastern end to the western end and undertaken in a maximum of 2 stages.
3. The consent holder shall ensure that:
 - a) the vertical height of the seawall is no less than 2.5 metres, with the top of the wall, no lower than RL+5.75 metre and the toe of wall, no higher than RL+3.25 metre (Chart Datum New Plymouth);
 - b) the slope of the seawall is no steeper than 1V:2H; and
 - c) the toe of the wall is extended 1 metre horizontal of the face of the wall and set as low as practicable in the foredune area.
4. The excavated loose unconsolidated beach material shall only be used for foreshore reinstatement purposes seaward of the structure, and shall not be used for construction purposes. Further, all excavated baserock material shall be used for foundation reshaping or be removed from the coastal marine area.
5. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to commencement and upon completion of any works. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to worknotification@trc.govt.nz.
6. The consent holder shall ensure that the area and volume of foreshore disturbance shall, as far as practicable, be minimised and any areas which are disturbed shall, so far as practicable, be reinstated.
7. During construction the area subject to works shall have sufficient signage to advise the public of the potential hazards.

Consent 7007-2.0

8. The exercise of this consent shall comply with the relevant noise standards set out in New Zealand Standard NZS6803P:1984. The measurement and assessment of noise from construction, maintenance and demolition work. Provided that when the background sound level exceeds these limits (due to noise of the sea, wind noise, traffic noise or other uncontrollable types of noise) the limits shall not apply.
9. The consent holder shall ensure that as far as is practicable, the construction of the coastal protection works does not impact on areas, or access to areas, where penguins breed. In the event that any penguins or active penguin nest sites are found in the immediate vicinity of the construction works, the works shall cease immediately at the affected sites and the Chief Executive, Taranaki Regional Council, notified within one working day. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to worknotification@trc.govt.nz. Works may re-commence at the affected site when advised to do so by the Chief Executive, Taranaki Regional Council.
10. In the event that any archaeological remains are discovered as a result of works authorised by this consent, the works shall cease immediately at the affected site and tangata whenua and the Chief Executive, Taranaki Regional Council, shall be notified within one working day. Works may recommence at the affected area when advised to do so by the Chief Executive, Taranaki Regional Council. Such advice shall be given after the Chief Executive has considered: tangata whenua interest and values, the consent holder's interests, the interests of the public generally, and any archaeological or scientific evidence. The New Zealand Police, Coroner, and Historic Places Trust shall also be contacted as appropriate, and the works shall not recommence in the affected area until any necessary statutory authorisations or consents have been obtained.
11. The consent holder shall adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to avoid or minimise the discharge of any contaminants into coastal water or onto the foreshore or seabed and to avoid or
12. This consent shall lapse, in accordance with Section 125 of the Resource Management Act 1991, on 1 June 2033.
13. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2021 and annually thereafter, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 21 September 2016

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted 12 March 2008
Date:

Conditions of Consent

Consent Granted: To remove a boat ramp, to erect and maintain an upgraded
boat ramp, jetties and pontoons, and to occupy the
associated coastal space on the Waitara River within the
coastal marine area at or about 2616518E-6245316N

Expiry Date: 1 June 2027

Review Date(s): June 2015, June 2021

Site Location: Waitara Boat Ramp, Waitara

Legal Description: Lot 3 DP 20635

Catchment: Tasman

Tributary: Waitara

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The consent holder shall at all times adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to prevent or minimise any adverse effects on the environment from the exercise of this consent.
2. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 4914. Specifically, this includes: Drawings 77250, Sheets 1 – 5; Q-WBC-001; Q-WBC-002, 10m Gangway; Details A & B; End View & Section Z-Z; and Details C, D, E & F. In the case of any contradiction between the documentation submitted in support of application 4914 and the conditions of this consent, the conditions of this consent shall prevail.
3. The consent holder shall maintain the structure[s] in a safe and sound state, to the satisfaction of the Chief Executive, Taranaki Regional Council.
4. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of the initial construction, and again at least 48 hours prior to and upon completion of any subsequent maintenance works which would involve disturbance of or deposition to the river bed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
5. The consent holder shall ensure that the area and volume of foreshore disturbance shall, so far as practicable, be minimised and any areas which are disturbed shall, so far as practicable, be reinstated.
6. The consent holder shall undertake to the satisfaction of the Chief Executive, Taranaki Regional Council, all practicable measures to prevent the discharge of debris and/or contaminants into the river and to minimise disturbance of the river bed.

Consent 7255-1

7. During construction and maintenance periods the area subject to works shall have sufficient signage to warn the public of any potential hazards.
8. The consent holder shall remove those structures covered by this consent and reinstate the area to the satisfaction of the Chief Executive, Taranaki Regional Council, if and when the structures are no longer required.
9. This consent shall lapse on the expiry of five years after the date of issue of this consent, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
10. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 12 March 2008

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted 13 February 2009
Date:

Conditions of Consent

Consent Granted: To erect, place and maintain a foot bridge over the
Waiwhakaiho River, including the related occupation of
coastal space at or about (NZTM) 1696269E-5678414N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: Approximately 600 metres upstream of the Waiwhakaiho
River mouth

Legal Description: Pukeweka 17B & 161 Hua District

Catchment: Tasman Sea
Waiwhakaiho

Consent 7442-1

General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
 - i) the administration, monitoring and supervision of this consent; and
 - ii) charges authorised by regulations.

Special conditions

1. The exercise of this consent shall be undertaken in accordance with the documentation submitted in support of application 6191. Specifically this includes diagrams: Plan, Section A-A Arch Setout Layout, Ribs 1-19 and elevation B-B. If there is any conflict between the documentation submitted in support of application 6191 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of the initial installation and again at least 48 hours prior to and upon completion of any subsequent maintenance works which would involve disturbance of or deposition to the riverbed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz. Notification by fax or post is acceptable only if the consent holder does not have access to email.
3. The consent holder shall ensure that the area and volume of riverbed disturbance shall, so far as is practicable, be minimised and any areas which are disturbed shall, so far as is practicable, be reinstated.
4. The consent holder shall take all reasonable steps to:
 - a. minimise the amount of sediment discharged to the stream;
 - b. minimise the amount of sediment that becomes suspended in the stream; and
 - c. mitigate the effects of any sediment in the stream.

Undertaking work in accordance with *Guidelines for Earthworks in the Taranaki region*, by the Taranaki Regional Council, will achieve compliance with this condition.

5. Except with the written agreement of the Chief Executive, Taranaki Regional Council, the structure[s] authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. A further resource consent may be required to authorise the removal of the structure, and the consent holder is advised to seek advice from the Council on this matter.

Consent 7442-1

6. This consent shall lapse on 31 March 2014, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
7. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 13 February 2009

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Consent Granted
Date: 5 May 2010

Conditions of Consent

Consent Granted: To erect, place and maintain a rock rip rap protection, and
to occupy the associated coastal marine space, in the
Waiwhakaiho River between (NZTM)
1695982E-5678400N and 1696079E-5678390N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: Approximately 450 metres from the mouth of the
Waiwhakaiho River

Legal Description: Adjacent to Pukeweka 17B

Catchment: Tasman
Waiwhakaiho

General condition

- a. The consent holder shall pay to the Taranaki Regional Council [the Council] all the administration, monitoring and supervision costs of this consent, fixed in accordance to section 36 of the Resource Management Act.

Special conditions

1. The consent authorises the placement of up to 80 metres of rock rip rap to protect the coastal walkway between grid references [NZTM] 1695982E-5678400N and 1696079E-5678390N.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to the commencement and upon completion of the initial installation and again at least 48 hours prior to and upon completion of any subsequent maintenance works which would involve disturbance of or deposition to the riverbed or discharges to water. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz.
3. The consent holder shall ensure that the area and volume of foreshore disturbance shall, so far as is practicable, be minimised and any areas which are disturbed shall, so far as is practicable, be reinstated. To achieve this no machinery shall operate on the bed of the estuary.
4. The consent holder shall take all reasonable steps to:
 - a. minimise the amount of sediment discharged to the estuary;
 - b. minimise the amount of sediment that becomes suspended in the estuary; and
 - c. mitigate the effects of any sediment in the estuary.

Undertaking work in accordance with *Guidelines for Earthworks in the Taranaki region*, by the Taranaki Regional Council, will achieve compliance with this condition.

5. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 5 May 2010

For and on behalf of
Taranaki Regional Council



Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 05 March 2015

Commencement Date: 05 March 2015

Conditions of Consent

Consent Granted: To erect, place and maintain a rock rip rap protection, and to
occupy the associated coastal marine space, in the
Waiwhakaiho River

Expiry Date: 01 June 2026

Review Date(s): June 2020

Site Location: Approximately 450 metres from the mouth of the Waiwhakaiho
River

Legal Description: Lot D DP 1100 Lots 1-11 16 17 DP 1910 Lots 5 6 DP 6496 &
Pt Sec 159 Hua Dist & Pukeweka 17a 17b

Grid Reference (NZTM) Between:
(NZTM) 1696044E-5678379N and 1695966E-5678400N; and
(NZTM) 1695949E-5678393E and 1695706E-5678466N

Catchment: Tasman Sea
Waiwhakaiho

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

Special conditions

1. The consent authorises the placement of approximately:
 - 80 metres of rock rip rap between grid references (NZTM) 1696044E-5678379N and 1695966E-5678400N; and
 - 245 metres of rock rip rap between grid references (NZTM) 1695949E-5678393E-1695706E-5678466N;

along the left bank of the Waiwhakaiho River to protect the coastal walkway.

2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to commencement and upon completion of:
 - the initial installation;
 - installation of approximately 12 metres of rock rip rap in accordance with the application received by the Council on 5 February 2015; and
 - any subsequent maintenance works which would involve disturbance of or deposition to the riverbed or discharges to water.

Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz.

3. The consent holder shall ensure that the area and volume of foreshore disturbance shall, so far as is practicable, be minimised and any areas which are disturbed shall, so far as is practicable, be reinstated. To achieve this no machinery shall operate on the bed of the estuary.
4. The consent holder shall take all reasonable steps to:
 - a. minimise the amount of sediment discharged to the estuary;
 - b. minimise the amount of sediment that becomes suspended in the estuary; and
 - c. mitigate the effects of any sediment in the estuary.

Undertaking work in accordance with *Guidelines for Earthworks in the Taranaki region*, by the Taranaki Regional Council, will achieve compliance with this condition.

Consent 7649-1.1

5. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 05 March 2015

For and on behalf of
Taranaki Regional Council



A D McLay
Director - Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Decision Date: 25 November 2010

Commencement
Date: 25 November 2010

Conditions of Consent

Consent Granted: To install, use and maintain an outlet structure and to occupy the related coastal space, in the bed of an unnamed tributary and on the foreshore, within the Waitara River Estuary at or about (NZTM) 1706631E-5683630N

Expiry Date: 1 June 2027

Review Date(s): June 2015, June 2021

Site Location: Howard Street, Waitara

Legal Description: Lot 3 DP 20635 [Site of outlet]

Catchment: Waitara
Unnamed Stream 64

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council [the Council] all the administration, monitoring and supervision costs of this consent, fixed in accordance to section 36 of the Resource Management Act.

Special conditions

1. The structure shall be constructed in accordance with D17/567 & 17/525, dated 26 July 2005 and provided to the Council on 22 October 2010. In the case of any contradiction between the drawing[s] and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 2 working days prior to the commencement and upon completion of the initial installation. Notification shall include the consent number and a brief description of the activity consented, be emailed to worknotification@trc.govt.nz.
3. The consent holder shall ensure that the area and volume of foreshore disturbance shall, so far as is practicable, be minimised and any areas which are disturbed shall, so far as is practicable, be reinstated. To achieve this no machinery shall operate on the bed of the estuary.
4. The works authorised by this consent will be undertaken in accordance with the *'Typical requirements for pipes through stopbanks'* as stated in Appendix 1.
5. The consent holder shall provide a report prepared by a qualified engineer that assesses the compliance of the installation against the requirements of special condition 4. A copy of this report will be provided to the Chief Executive of the Taranaki Regional Council within 30 days of the completion of the installation.
6. The consent holder shall ensure that any works associated with the installation shall only commence if the river is in a state of low flow and the weather forecast does not predict any significant rain at any time over the duration of the work.
7. The works shall remain the responsibility of the consent holder and be maintained so that:
 - the outlet does not become blocked and at all times allows the free flow of water through it;
 - any erosion, scour or instability of the stream bed or banks that is attributable to the works carried out as part of this consent is remedied by the consent holder.
8. Except with the written agreement of the Chief Executive, Taranaki Regional Council, the structure[s] authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. A further resource consent may be required to authorise the removal of the structure, and the consent holder is advised to seek advice from the Council on this matter.

Consent 7718-1

9. This consent shall lapse on 31 December 2015, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
10. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 25 November 2010

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Appendix 1: Typical requirements for pipes through stopbanks

Compaction and backfilling around the pipe

- a. The trench through the stopbank must be excavated wide enough to allow good compaction of the backfill material around the pipe and above the pipe up to the original ground level.
- b. Backfilling shall not commence until the concrete bedding, referred to below, is hard enough that it will not crack under the forces applied by backfilling and compaction.
- c. Backfill material shall be free of humus, vegetation and other organic material and consist of material similar to that excavated from the existing stopbank. The maximum thickness of each layer of fill, before compaction, shall be 200 mm.
- d. The Consent Holder shall identify the Maximum Dry Density and Optimum Moisture Content of the material to be used to backfill the excavated stopbank. This shall be done in accordance with Test 4.1.1, NZS4402 [also known as the Proctor Test].
- e. The Consent Holder shall confirm that the fill is compacted so that its dry density is not less than 95% of NZ Standard Compaction. Upon the completion of each 0.60 m vertical lift, testing of the backfill shall be carried out at three well-spaced locations.
- f. The Consent Holder shall confirm that the number of blows per 150 mm penetration of compacted fill is more than 6 using a Scala Penetrometer, as per NZS 4402: 1988 Test 6.5.2. Upon the completion of each 0.60 m vertical lift, testing of the backfill shall be carried out at three well-spaced locations. Material failing the tests shall be removed, re-compacted, and re-tested. The length of material to be removed shall extend in both directions, to the location of the nearest successful test, or one metre beyond the nearest toe of the stopbank, whichever is nearer.

Concrete bedding

- g. The pipe shall be laid on a concrete bedding and haunching extending from the granular filter collar, referred to below, to the outlet structure at the river end of the pipe. A high strength concrete is required given the need to place and compact the backfill as soon as possible after the pipe and concrete bedding has been placed. The concrete shall be poured directly against the bottom and sides of the trench, with no longitudinal boxing being used.
- h. One third of the pipe circumference shall be bedded in concrete with a minimum thickness of 200 mm of concrete placed under the pipe. The bedding shall have transverse construction joints at the pipe collars to accommodate shrinkage and settlement.
- i. If the bedding and the haunching are placed as two separate pours, keying will be required to ensure that haunching does not crack longitudinally and move relative to the bedding. The key shall consist of steel dowels, extending the full depth of the concrete pours, less 50 mm cover at each end. The dowels shall be made from 20 mm diameter deformed steel and placed at 1.2 m centres on both sides of the pipe.

Granular filter collar

- j. Starting at the land-side of the pipe, a collar of granular fill shall be placed so as to completely surround the pipe for a length equal to one quarter of the base width of the stopbank. The thickness of the collar above, below and beside the pipe shall be sufficient to allow the necessary compaction, but not less than 300 mm.
- k. The granular material shall be compacted in 200 mm layers with a vibrating plate compactor. Compaction of each layer shall continue until further passes of the compaction equipment produce no further discernable compaction.

i. The granular filter material shall conform to the following grading:

Sieve Size (mm)	% by weight passing the sieve
25	100%
13.2	75 - 95%
9.5	70 - 90 %
4.75	55 - 75%
2.36	40 - 60%
1.18	25 - 45%
0.6	10 - 30%
0.3	0 - 15%
0.15	0 - 5%
0.075	0%

A well graded river run gravel with a maximum size of 25 mm will generally meet this specification.

Finishing work

m. Any work that disturbs the stopbank must be reinstated as soon as practicable on completion of the works. Reinstatement will involve trimming and shaping to its as-built dimensions, and the placement of an additional 50 mm minimum thickness of topsoil re-grassed.

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date (Review): 6 August 2015

Commencement Date 6 August 2015 (Granted Date: 25 November 2010)
(Review):

Conditions of Consent

Consent Granted: To install, use and maintain an outlet structure and to
occupy the related coastal space, in the bed of an unnamed
tributary and on the foreshore, within the Waitara River
Estuary

Expiry Date: 1 June 2027

Review Date(s): June 2021

Site Location: Howard Street, Waitara

Legal Description: Lot 3 DP 20635 (Site of outlet)

Grid Reference (NZTM) 1706630E-5683630N

Catchment: Waitara

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

Special conditions

1. The structure shall be constructed in accordance with D17/567 & 17/525, dated 26 July 2005 and provided to the Council on 22 October 2010. In the case of any contradiction between the drawing(s) and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 2 working days prior to the commencement and upon completion of the initial installation. Notification shall include the consent number and a brief description of the activity consented, be emailed to worknotification@trc.govt.nz.
3. The consent holder shall ensure that the area and volume of foreshore disturbance shall, so far as is practicable, be minimised and any areas which are disturbed shall, so far as is practicable, be reinstated. To achieve this no machinery shall operate on the bed of the estuary.
4. The works authorised by this consent will be undertaken in accordance with the '*Typical requirements for pipes through stopbanks*' as stated in Appendix 1.
5. The consent holder shall provide a report prepared by a qualified engineer that assesses the compliance of the installation against the requirements of special condition 4. A copy of this report will be provided to the Chief Executive of the Taranaki Regional Council within 30 days of the completion of the installation.
6. The consent holder shall ensure that any works associated with the installation shall only commence if the river is in a state of low flow and the weather forecast does not predict any significant rain at any time over the duration of the work.
7. The works shall remain the responsibility of the consent holder and be maintained so that:
 - the outlet does not become blocked and at all times allows the free flow of water through it;
 - any erosion, scour or instability of the stream bed or banks that is attributable to the works carried out as part of this consent is remedied by the consent holder.
8. The structure shall not restrict fish passage.
9. Except with the written agreement of the Chief Executive, Taranaki Regional Council, the structure(s) authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. A further resource consent may be required to authorise the removal of the structure, and the consent holder is advised to seek advice from the Council on this matter.

Consent 7718-1.1

10. This consent shall lapse on 31 December 2015, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
11. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 6 August 2015

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Decision Date: 10 July 2012

Commencement
Date: 10 July 2012

Conditions of Consent

Consent Granted: To place and maintain four rock groynes within the Coastal
Marine Area of the Onaero River for erosion protection
purposes at or about (NZTM) 1718136E-5682934N

Expiry Date: 1 June 2027

Review Date(s): June 2015, June 2021

Site Location: Onaero Campground, Main North Road, Onaero

Legal Description: River reserve adjacent to Sec 22 Blk III Waitara SD
(Site of structure)

Catchment: Onaero

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council [the Council] all the administration, monitoring and supervision costs of this consent, fixed in accordance to section 36 of the Resource Management Act.

Special conditions

1. The exercise of this consent shall be undertaken in accordance with the documentation submitted in support of application 7120, in terms of the location and the nature and scale of the structure. In the case of any contradiction between the documentation submitted in support of application 7120 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to commencement and upon completion of any works which would involve disturbance of, or deposition, or discharge to, the coastal marine area.
3. The consent holder shall provide a sediment control plan, to the satisfaction of the Chief Executive, Taranaki Regional Council prior to the commencement of works. This plan shall include control of sediments both within the water and on the river bank.
4. The consent holder shall ensure that the area and volume of foreshore disturbance shall, so far as practicable, be minimised and any areas which are disturbed shall, so far as practicable, be reinstated.
5. The consent holder shall undertake all practicable measures to minimise disturbance of the river bed and to remove all excess construction materials from the river bed.
6. The consent holder shall ensure that all imported rock material is free of vegetative and/or humus material.
7. The consent holder shall adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to avoid or minimise the discharge of any contaminants into coastal water or onto the foreshore or seabed and to avoid or minimise any adverse effects on coastal water quality or ecosystems.
8. The consent holder shall ensure that during construction and maintenance periods, the area subject to works shall have sufficient signage to warn the public of any potential hazards.
9. The consent holder shall maintain the structure[s] in a safe and sound state, to the satisfaction of the Chief Executive, Taranaki Regional Council, such that:
 - a. Structures continue to function effectively for the purpose they were designed; and

- b. Any erosion, scour or instability of the riverbed that is attributed to the works carried out as part of this consent is monitored and if significant deterioration to the bed or true right bank occurs, remedied by the consent holder
10. Except with the written agreement of the Chief Executive, Taranaki Regional Council, the structure(s) authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. A further resource consent may be required to authorise the removal of the structure, and the consent holder is advised to seek advice from the Council on this matter.
11. In the event that any archaeological remains are discovered as a result of works authorised by this consent, the works shall cease immediately at the affected site and tangata whenua and the Chief Executive, Taranaki Regional Council, shall be notified within one working day. Works may recommence at the affected area when advised to do so by the Chief Executive, Taranaki Regional Council. Such advice shall be given after the Chief Executive has considered: tangata whenua interest and values, the consent holder's interests, the interests of the public generally, and any archaeological or scientific evidence. The New Zealand Police, Coroner, and Historic Places Trust shall also be contacted as appropriate, and the work shall not recommence in the affected area until any necessary statutory authorisations or consents have been obtained.
12. This consent shall lapse on 30 September 2017, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
13. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 10 July 2012

For and on behalf of
Taranaki Regional Council

Director-Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
NEW PLYMOUTH 4342

Decision Date: 25 October 2013

Commencement Date: 25 October 2013

Conditions of Consent

Consent Granted: To erect a boulder wall in the coastal marine area and to
occupy the associated coastal marine space at the mouth of
the Waitara River

Expiry Date: 1 June 2027

Review Date(s): June 2015, June 2021

Site Location: Eastern side of Waitara River mouth,
150 East Quay, Waitara

Legal Description: Pt Sec 15 Blk I Waitara SD - Foreshore Res
(Site of structure)

Grid Reference (NZTM) Between 1706466E-5683870N and 1706385E-5683923N

Catchment: Tasman Sea
Waitara

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

Special conditions

1. The construction of the half tide cut-off wall shall be in accordance with:
 - a. the details provided in the '*Waitara River East Training Wall Remedial 2012 - Scope of Works*' document attached to the application; and
 - b. the following drawings prepared by OCEL Consultants NZ Limited:
 - Drawing No. DR-120207-001, Revision 4 and dated 31/05/12;
 - Drawing No. DR-120207-003, Revision 1 and dated 04/04/12;
 - Drawing No. DR-120207-004, Revision 3 and dated 01/06/12; and
 - Drawing No. DR-120207-005, Revision A and dated 04/07/12;

In the case of any contradiction between the drawings and the conditions of this consent, the conditions of this consent shall prevail.

2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to commencement and upon completion of any works which would involve disturbance of, or deposition, or discharge to, the coastal marine area. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to worknotification@trc.govt.nz.
3. The consent holder shall ensure that the area and volume of foreshore disturbance shall, so far as practicable, be minimised and any areas which are disturbed shall, so far as practicable, be reinstated.
4. During construction and maintenance periods the area subject to works shall have sufficient signage to ensure public safety of any potential safety hazards.
5. The exercise of this consent shall comply with the noise standards as outlined within section 4.4.3 of the Regional Coastal Plan for Taranaki.
6. The consent holder shall adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to avoid or minimise the discharge of any contaminants into coastal water or onto the foreshore or seabed and to avoid or minimise any adverse effects on coastal water quality or ecosystems.
7. The consent holder shall maintain the structure in a safe and sound state so that it continues to function effectively for its intended purpose.

Consent 9328-1

8. Except with the written agreement of the Chief Executive, Taranaki Regional Council, the structure(s) authorised by this consent shall be removed and the area reinstated, if and when the structure is no longer required. A further resource consent may be required to authorise the removal of the structure, and the consent holder is advised to seek advice from the Council on this matter.
9. This consent shall lapse on 31 December 2018, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
10. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 25 October 2013

For and on behalf of
Taranaki Regional Council

Chief Executive

**Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council**

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 22 July 2015

Commencement Date: 22 July 2015

Conditions of Consent

Consent Granted: To construct a low level rock revetment wall, access way
and temporary incision repairs, including the associated
excavation, disturbance, incidental discharges and
occupation of the coastal marine area

Expiry Date: 1 June 2050

Review Date(s): June 2021, June 2027, June 2033, June 2039, June 2045

Site Location: Onaero Beach Road, Onaero

Legal Description: Lots 3 & 4 DP 12416 Lot 11 DP 5090 Lots 9 & 10 DP 6685
Blk II Waitara SD (Site of structure)

Grid Reference (NZTM) Between 1716683E-5683055N & 1717000E-5683080N

Catchment: Tasman Sea
Motukara

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act, 1991.

Special conditions

1. This consent authorises the construction and occupation of space in the Coastal Marine Area by the protection structures described in the documents attached to the application and subsequent amendments dated 25 June 2015, including:
 - Onaero Beach Coastal Protection Resource Consent Applications and AEE prepared by Tonkin & Taylor Ltd, Job No: 29284.001 and dated June 2015;
 - Low level rock toe protection Option A & B: Plan, Drawing No: 29284-01, Revision 2 and dated June 2015;
 - Low level rock toe protection Option A : Typical Sections, Drawing No: 29284-02, Revision 1 and dated December 2014; and
 - Rock revetment at incisions - Option B: Typical Sections, Drawing No: 29284-03, Revision 1 and dated April 2015.
2. The erosion protection structures shall be no higher than 5 metres Reduced Level (RL) and may be built at any time and in any order:
 - A low level rock toe protection structure - Option A; and
 - A rock revetment structures at 5 incision points along the Coastal Marine Area - Option B.
3. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to commencement and upon completion of any works which would involve disturbance of, or deposition, or discharge to, the coastal marine area. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to worknotification@trc.govt.nz.
4. The consent holder shall ensure that the area and volume of foreshore disturbance shall, so far as practicable, be minimised and any areas which are disturbed shall, so far as practicable, be reinstated.
5. During construction the area subject to works shall have sufficient signage to advise the public of the potential hazards.
6. The exercise of this consent shall comply with the relevant noise standards set out in New Zealand Standard NZS6803P:1984. The measurement and assessment of noise from construction, maintenance and demolition work. Provided that when the background sound level exceeds these limits (due to noise of the sea, wind noise, traffic noise or other uncontrollable types of noise) the limits shall not apply.

Consent 10132-1.0

7. The consent holder shall ensure that as far as is practicable, the construction of the coastal protection works does not impact on areas, or access to areas, where penguins breed. In the event that any penguins or active penguin nest sites are found in the immediate vicinity of the construction works, the works shall cease immediately at the affected sites and the Chief Executive, Taranaki Regional Council, notified within one working day. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to worknotification@trc.govt.nz. Works may re-commence at the affected site when advised to do so by the Chief Executive, Taranaki Regional Council.
8. The consent holder shall adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to avoid or minimise the discharge of any contaminants into coastal water or onto the foreshore or seabed and to avoid or minimise any adverse effects on coastal water quality or ecosystems.
9. The consent holder shall maintain the structure in a safe and sound state so that it continues to function effectively for its intended purpose.
10. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2021 and/or June 2027 and/or June 2033 and/or June 2039 and/or June 2045, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 22 July 2015

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

**Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council**

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 24 February 2016

Commencement Date: 24 February 2016

Conditions of Consent

Consent Granted: To construct a low level rock revetment wall, access way
and temporary incision repairs, including the associated
excavation, disturbance, incidental discharges and
occupation of the coastal marine area

Expiry Date: 01 June 2050

Review Date(s): June 2021, June 2027, June 2033, June 2039, June 2045

Site Location: Onaero Beach Road, Onaero

Legal Description: Lots 3 & 4 DP 12416 Lot 11 DP 5090 Lots 9 & 10 DP 6685
Blk II Waitara SD (Site of structure)

Grid Reference (NZTM) Between 1716758E-5683022N & 1716985E-5683073N

Catchment: Tasman Sea
Motukara

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council [the Council] all the administration, monitoring and supervision costs of this consent, fixed in accordance to section 36 of the Resource Management Act.

Special conditions

1. This consent authorises the construction and occupation of space in the Coastal Marine Area by the protection structures described in the documents attached to the application and subsequent amendments dated 25 June 2015, including:
 - Onaero Beach Coastal Protection Resource Consent Applications and AEE prepared by Tonkin & Taylor Ltd, Job No: 29284.001 and dated June 2015;
 - Low level rock toe protection Option A & B: Plan, Drawing No: 29284-01, Revision 2 and dated June 2015;
 - Low level rock toe protection Option A : Typical Sections, Drawing No: 29284-02, Revision 1 and dated December 2014; and
 - Rock revetment at incisions - Option B: Typical Sections, Drawing No: 29284-03, Revision 1 and dated April 2015.
2. The erosion protection structures shall be no higher than 5 metres Reduced Level (RL) and may be built at any time and in any order:
 - A low level rock toe protection structure - Option A; and
 - A rock revetment structures at 4 incision points along the Coastal Marine Area - Option B.
3. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to commencement and upon completion of any works which would involve disturbance of, or deposition, or discharge to, the coastal marine area. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to worknotification@trc.govt.nz.
4. The consent holder shall ensure that the area and volume of foreshore disturbance shall, so far as practicable, be minimised and any areas which are disturbed shall, so far as practicable, be reinstated.
5. During construction the area subject to works shall have sufficient signage to advise the public of the potential hazards.
6. The exercise of this consent shall comply with the relevant noise standards set out in New Zealand Standard NZS6803P:1984. The measurement and assessment of noise from construction, maintenance and demolition work. Provided that when the background sound level exceeds these limits (due to noise of the sea, wind noise, traffic noise or other uncontrollable types of noise) the limits shall not apply.

Consent 10132-1.1

7. The consent holder shall ensure that as far as is practicable, the construction of the coastal protection works does not impact on areas, or access to areas, where penguins breed. In the event that any penguins or active penguin nest sites are found in the immediate vicinity of the construction works, the works shall cease immediately at the affected sites and the Chief Executive, Taranaki Regional Council, notified within one working day. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to worknotification@trc.govt.nz. Works may re-commence at the affected site when advised to do so by the Chief Executive, Taranaki Regional Council.
8. The consent holder shall adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to avoid or minimise the discharge of any contaminants into coastal water or onto the foreshore or seabed and to avoid or minimise any adverse effects on coastal water quality or ecosystems.
9. The consent holder shall maintain the structure in a safe and sound state so that it continues to function effectively for its intended purpose.
10. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2021 and/or June 2027 and/or June 2033 and/or June 2039 and/or June 2045, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Transferred at Stratford on 24 February 2016

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

**Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council**

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 12 October 2017

Commencement Date: 12 October 2017

Conditions of Consent

Consent Granted: To erect and place a rock riprap wall and occupy the
associated coastal marine area on the bank of the Urenui
River, for coastal erosion protection purposes

Expiry Date: 1 June 2033

Review Date(s): June 2021, June 2027

Site Location: Road reserve, Mokena Street, Urenui

Grid Reference (NZTM) 1720514E-5683064N

Catchment: Urenui

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act, 1991.

Special conditions

1. The structure shall be erected in accordance with the plans prepared by Opus International Consultants Ltd, titled 'Plan and Section', Project No. 5-NNM01.NC, and the supporting design memo dated 10 June 2016. In the case of any contradiction between the drawing(s) and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to commencement of any works. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz.
3. Prior to commencement of works, the consent holder shall prepare and maintain a construction management plan. This plan shall be adhered to at all times and shall, to the satisfaction of the Chief Executive, Taranaki Regional Council, document how the site is to be managed in order to minimise adverse effects of the activity. The plan shall include but not necessarily be limited to:
 - Measures used to minimise disturbance/ discharges to the estuarine habitat;
 - Maintenance/monitoring of sediment control measures;
 - Access to and from the intertidal mudflats;
 - Timing of works;
 - Stockpile locations;
 - Measures used to avoid the spread of weeds and unwanted organisms;
 - Measures used to ensure coastal birds are excluded from work/stockpile areas.
4. The consent holder shall ensure that during construction periods, the area subject to works shall have sufficient signage to warn the public of any potential hazards.
5. The exercise of this consent shall comply with the relevant noise standards set out in New Zealand Standard NZS6803P:1984. The measurement and assessment of noise from construction, maintenance and demolition work. Provided that when the background sound level exceeds these limits (due to noise of the sea, wind noise, traffic noise or other uncontrollable types of noise) the limits shall not apply.
6. Prior to commencement of works, the consent holder shall erect a boundary fence around the worksite to prevent coastal birds from accessing the worksite and construction materials/machinery.

Consent 10437-1.1

7. The consent holder shall ensure that as far as is practicable, the construction of the rock riprap wall does not impact on areas, or access to areas, where penguins breed. In the event that any penguins or active penguin nest sites are found in the immediate vicinity of the construction works, the works shall cease immediately at the affected sites and the Chief Executive, Taranaki Regional Council, notified within one working day. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to worknotification@trc.govt.nz. Works may re-commence at the affected site when advised to do so by the Chief Executive, Taranaki Regional Council.
8. The consent holder shall maintain the structure in a safe and sound state such that:
 - a) it does not fall into a state of disrepair and continues to function effectively for the purpose it was designed i.e. for the protection of council infrastructure; and
 - b) any erosion, scour or instability of the estuary that is attributed to the works carried out as part of this consent is monitored and, if significant deterioration to the estuary occurs, remedied by the consent holder.
9. In the event that any archaeological remains are discovered as a result of works authorised by this consent, the works shall cease immediately at the affected site and tangata whenua and the Chief Executive, Taranaki Regional Council, shall be notified within one working day. Works may recommence at the affected area when advised to do so by the Chief Executive, Taranaki Regional Council. Such advice shall be given after the Chief Executive has considered: tangata whenua interest and values, the consent holder's interests, the interests of the public generally, and any archaeological or scientific evidence. The New Zealand Police, Coroner, and Historic Places Trust shall also be contacted as appropriate, and the work shall not recommence in the affected area until any necessary statutory authorisations or consents have been obtained.
10. This consent shall lapse on 31 December 2022, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
11. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2021 and/or June 2027 for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 12 October 2017

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date 22 August 2019
(Change):

Commencement Date 22 August 2019 (Granted Date: 12 October 2017)
(Change):

Conditions of Consent

Consent Granted: To erect and place a rock riprap wall and occupy the
associated coastal marine area on the bank of the Urenui
River, for coastal erosion protection purposes

Expiry Date: 1 June 2033

Review Date(s): June 2021, June 2027

Site Location: Road Reserve, Mokena Street, Urenui

Grid Reference (NZTM) 1720514E-5683064N

Catchment: Urenui

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

Special conditions

1. The structure shall be erected in accordance with the plans prepared by Opus International Consultants Ltd, titled 'Plan and Section', Project No. 5-NNM01.NC (Revision B, 30/07/2016), the supporting design memo dated 10 June 2016, and with any subsequent application to change consent conditions. In the case of any contradiction between the drawing(s) and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to commencement of any works. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz.
3. Prior to commencement of works, the consent holder shall prepare and maintain a construction management plan. This plan shall be adhered to at all times and shall, to the satisfaction of the Chief Executive, Taranaki Regional Council, document how the site is to be managed in order to minimise adverse effects of the activity. The plan shall include but not necessarily be limited to:
 - Measures used to minimise disturbance/ discharges to the estuarine habitat;
 - Maintenance/ monitoring of sediment control measures;
 - Access to and from the intertidal mudflats;
 - Timing of works;
 - Stockpile locations;
 - Measures used to avoid the spread of weeds and unwanted organisms;
 - Measures used to ensure coastal birds are excluded from work/stockpile areas.
4. The consent holder shall ensure that during construction periods, the area subject to works shall have sufficient signage to warn the public of any potential hazards.
5. The exercise of this consent shall comply with the relevant noise standards set out in New Zealand Standard NZS6803P:1984. The measurement and assessment of noise from construction, maintenance and demolition work. Provided that when the background sound level exceeds these limits (due to noise of the sea, wind noise, traffic noise or other uncontrollable types of noise) the limits shall not apply.
6. Prior to commencement of works, the consent holder shall erect a boundary fence around the worksite to prevent coastal birds from accessing the worksite and construction materials/machinery.

Consent 10437-1.2

7. The consent holder shall ensure that as far as is practicable, the construction of the rock riprap wall does not impact on areas, or access to areas, where penguins breed. In the event that any penguins or active penguin nest sites are found in the immediate vicinity of the construction works, the works shall cease immediately at the affected sites and the Chief Executive, Taranaki Regional Council, notified within one working day. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to worknotification@trc.govt.nz. Works may re-commence at the affected site when advised to do so by the Chief Executive, Taranaki Regional Council.
8. The consent holder shall maintain the structure in a safe and sound state such that:
 - a) it does not fall into a state of disrepair and continues to function effectively for the purpose it was designed;
 - b) its structural integrity is maintained; and
 - c) there is no settlement or loss of foundation material.
9. The structure shall not:
 - a) cause erosion that is greater than that assessed when determining the application for this consent; or
 - b) significantly increase the coastal hazard risk.
10. In the event that any archaeological remains are discovered as a result of works authorised by this consent, the works shall cease immediately at the affected site and tangata whenua and the Chief Executive, Taranaki Regional Council, shall be notified within one working day. Works may recommence at the affected area when advised to do so by the Chief Executive, Taranaki Regional Council. Such advice shall be given after the Chief Executive has considered: tangata whenua interest and values, the consent holder's interests, the interests of the public generally, and any archaeological or scientific evidence. The New Zealand Police, Coroner, and Historic Places Trust shall also be contacted as appropriate, and the work shall not recommence in the affected area until any necessary statutory authorisations or consents have been obtained.
11. This consent shall lapse on 31 December 2022, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.

Consent 10437-1.2

12. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2021 and/or June 2027 for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 22 August 2019

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

**Coastal Permit
Pursuant to the Resource Management Act 1991
a resource consent is hereby granted by the
Taranaki Regional Council**

Name of
Consent Holder: New Plymouth District Council
Private Bag 2025
New Plymouth 4342

Decision Date: 4 April 2018

Commencement Date: 26 April 2018

Conditions of Consent

Consent Granted: To construct an elevated timber boardwalk in the Waitara
Estuary for public access, and the associated occupation of
the coastal marine area

Expiry Date: 1 June 2033

Review Date(s): June 2021, June 2027

Site Location: Waitara River Scenic Reserve, end of Queen Street,
Waitara

Grid Reference (NZTM) Between 1706293E-5683529N & 1706415E-5683370N

Catchment: Waitara

*For General, Standard and Special conditions
pertaining to this consent please see reverse side of this document*

General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act, 1991.

Special conditions

1. The timber boardwalk shall be constructed in general accordance with the plans prepared by Chow:Hill Architects Ltd provided with the application, and the supporting information dated 15 January 2018. In the case of any contradiction between the drawings and/or supporting information and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 48 hours prior to commencement of any works. Notification shall include the consent number and a brief description of the activity consented and be emailed to worknotification@trc.govt.nz.
3. The work shall be undertaken in accordance with a 'Construction Management Plan', prepared prior to exercising the consent. The Plan shall be made available to a Taranaki Regional Council Enforcement Officer on request, and shall detail as a minimum:
 - Measures used to minimise disturbance/ discharges to the estuarine habitat;
 - Maintenance/ monitoring of sediment control measures;
 - Access to and from the estuary;
 - Timing of works;
 - Measures used to avoid the spread of weeds and unwanted organisms; and
 - Measures used to ensure coastal birds are excluded from work areas.
4. The consent holder shall ensure that the area and volume of wetland disturbance shall, so as far as practicable, be minimised and any areas which are disturbed shall, so far as practicable, be reinstated.
5. No work shall be undertaken within the estuary at times when there is water covering any part of the work site.
6. The exercise of this consent shall comply with the relevant noise standards set out in New Zealand Standard NZS6803P:1984. The measurement and assessment of noise from construction, maintenance and demolition work. Provided that when the background sound level exceeds these limits (due to noise of the sea, wind noise, traffic noise or other uncontrollable types of noise) the limits shall not apply.
7. The consent holder shall ensure that as far as is practicable, the construction of the timber boardwalk does not impact on areas, or access to areas, where penguins breed. In the event that any penguins or active penguin nest sites are found in the immediate vicinity of the construction works, the works shall cease immediately at the affected sites and the Chief Executive, Taranaki Regional Council, notified within one working day. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to worknotification@trc.govt.nz. Works may re-commence at the affected site when advised to do so by the Chief Executive, Taranaki Regional Council.

Consent 10528-1.0

8. The consent holder shall ensure that during construction periods, the area subject to works shall have sufficient signage to warn the public of any potential hazards.
9. Following completion of the structure the consent holder shall erect sufficient signage to advise the public of the requirement to stay on the boardwalk.
10. There shall be no lighting of the boardwalk.
11. The consent holder shall maintain the structure in a safe and sound state such that:
 - a) it does not fall into a state of disrepair and continues to function effectively for the purpose it was designed i.e. a public walkway; and
 - b) any erosion, scour or instability of the estuary that is attributed to the works carried out as part of this consent is monitored and, if significant deterioration to the estuary occurs, remedied by the consent holder.
12. In the event that any archaeological remains are discovered as a result of works authorised by this consent, the works shall cease immediately at the affected site and tangata whenua and the Chief Executive, Taranaki Regional Council, shall be notified within one working day. Works may recommence at the affected area when advised to do so by the Chief Executive, Taranaki Regional Council. Such advice shall be given after the Chief Executive has considered: tangata whenua interest and values, the consent holder's interests, the interests of the public generally, and any archaeological or scientific evidence. The New Zealand Police, Coroner, and Historic Places Trust shall also be contacted as appropriate, and the work shall not recommence in the affected area until any necessary statutory authorisations or consents have been obtained.
13. This consent shall lapse on 30 June 2023, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
14. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2021 and/or June 2027 for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 4 April 2018

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

