

NPDC Coastal Structures
Monitoring Programme
Annual Report
2015-2016

Technical Report 2016–44

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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 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess NPDC's environmental performance during the period under review, its results and the environmental effects of the coastal structures.

NPDC holds a total of 48 coastal permits covering structures, which include conditions setting out the requirements that NPDC must satisfy. NPDC holds 23 permits relating to coastal protection, seven permits relating to stormwater outfalls, four permits for boat ramps, three permits covering stream outlet structures, three permits for bridges and five permits for outfall structures. The consents for the wastewater treatment plant outfalls are discussed in separate reports.

During the monitoring period, NPDC demonstrated an overall high level of compliance with consent conditions.

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

The monitoring showed that, with the exception of erosion at Urenui Beach and Waitara East Beach, there were only minor concerns noted in relation to activities licensed by coastal permits held by NPDC. Minor repairs were undertaken as necessary. However, a more robust monitoring programme is recommended.

At Urenui Beach adverse effects of the structure authorised by permit 7007 resulted in severe erosion during May 2016. Such end effects are not covered by the consent conditions of permit 7007 but are included within the Regional Coastal Plan Policy 6.1 (b) which states:

*POL 6.1 A new structure or extension of an existing structure should:
(b) not cause significant foreshore or seabed erosion by reflecting or refracting wave energy.*

NPDC have applied for a consent to extend the seawall at Urenui Beach. This consent is currently being assessed.

NPDC commissioned MetOcean Solutions Limited to provide an expert opinion as to whether the erosion at Waitara East Beach in 2015 could be directly attributed to the construction of the half tide wall in October 2014. The report concluded that with limited contemporary aerial photography available and the relatively short duration since the half tide wall was constructed, it was not possible to conclusively form an opinion as to whether the erosion at Waitara East Beach in 2015 could be directly attributed to the construction of the half tide wall in October 2014.

During the period under review, NPDC demonstrated a high level of compliance with their coastal permits for structures. During the period under review there were no significant incidences of non-compliance with consent conditions.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental

performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

This report includes recommendations for the 2016-2017 year.

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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 2015 to June 2016 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 consent requirements of the intended use of the structure. These comments are not to be regarded as an assessment of their structural integrity. This is the eighth 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 compliance monitoring under the *Resource Management Act 1991* (RMA) and the Council's obligations and general approach to monitoring sites through annual programmes, the resource consents held by NPDC, the nature of the monitoring programme in place for the period under review, and a description of the coastal permits and structures.

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

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

Section 4 presents recommendations to be implemented in the 2016-2017 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 a discharger, and may include cultural and socio-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);
- (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 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 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents

1.2 Beach overview and history

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 (Photo 1). 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 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 (Photo 2). The boat ramp is extensively used by the public and provides a safe and readily accessible means of launching craft into the river.



Photo 1 Rock groyne at Tongaporutu (May 2016)



Photo 2 Boat ramp at Tongaporutu (May 2016)

1.2.3 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.

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.



Photo 3 Urenui Beach cliff erosion
(Clockwise from top left - August 2009, December 2012, June 2013, May 2015)

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.



Photo 4 Sand push-up and dune restoration May 2014 and May 2015, major erosion June 2016

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 (Photo 4).

McComb *et al.* (2005) noted that the seawall has 'fixed' the local coastal orientation, and this alignment is now exacerbating the erosion on the central and western foreshore.

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 has been constructed (during 2008), with the remaining 160 m waiting further funding.



Photo 5 Urenui beach access and rip rap wall (June 2016)

1.2.4 Onaero

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.



Photo 6 Onaero Beach seawall and boat ramp (June 2016)

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 (Photo 6). 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 (Photo 7). In this regard it was noted that the reserve was specially set aside as a Coastal Hazard Zone at the time of the subdivision.



Photo 7 Eroding cliffs to the west of the seawall at Onaero (July 2015)

1.2.5 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 (Photo 8). 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*).



Photo 8 Remains of East Mole, Waitara River Mouth (May 2015)

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 (Photo 8).

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.

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. 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.

1.2.6 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 (Photo 9). 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.



Photo 9 Step access to Bell Block Beach (previous wooden steps July 2005 and current rock steps May 2015)

1.2.7 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.



Photo 10 Waiwhakaiho groyne (April 2016)

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.

1.2.8 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 riprap seawall in front the East End Surf Life Saving Club. 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 (Photo 11). 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.

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.



Photo 11 Rip rap seawall in front of East End Surf Life Saving Club (April 2016)

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 (Photo 11) 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 (Photo 12) 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).

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.



Photo 12 The Te Henui groyne (April 2016)

1.2.9 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 tidy up and 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.



Photo 13 New Plymouth coastal walkway with rip rap seawall protection (April 2016)

1.2.10 Paritutu/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.

1.2.11 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 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

1.3.1 Coastal permits

Section 12 of the RMA stipulates that no person may erect, reconstruct, place, alter, extend, remove or demolish any structure or any part of a structure that is fixed in, on, under, or over any foreshore or seabed, unless the activity is expressly allowed for by a resource consent or a rule in a regional plan, or it falls within some particular categories set out in Section 12.

Table 1 provides a summary of coastal permits held by NPDC relating to coastal structures throughout the New Plymouth District.

Table 1 Summary of coastal structure permits held by NPDC

Consent Number	Sub-type	Location	Purpose	Expiry Date
4004-3	Boat ramp	Tongaporutu River Estuary	Boat ramp – use and maintain	1/6/2027
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
4183-2	Protection	Urenui River Estuary	Riverbank protection works	1/6/2021
4322-2	Outlet structure	Mangaotuku Stream	Flood control purposes	1/6/2026
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
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
4586-2	Protection	Fitzroy Beach	Erect and maintain a boat ramp, protection works and occupy coastal space	1/6/2026

Consent Number	Sub-type	Location	Purpose	Expiry Date
4587-2	Protection	Te Henui Stream Mouth	Rock groyne – erect and maintain	1/6/2026
4588-3	Outfall	Aquatic Centre New Plymouth	Occupy coastal marine area with a discharge pipe	1/6/2032
4590-2	Bridge	Onaero River Estuary	Bridge – use and maintain	1/6/2027
4592-2	Outlet structure	Hongihongi Stream	Erect, place and maintain an outlet structure	1/6/2026
4593-3*	Outfall	New Plymouth WWTP	Occupy coastal marine area with a marine outfall	1/6/2041
4594-2	Outlet structure	Mangaotuku Stream	Erect, place and maintain an outlet structure	1/6/2026
4595-3	Outfall	Eliot Street Coastal Area	Occupy coastal marine area with a marine outfall	1/6/2032
4596-2	Outlet structure	East End and Fitzroy Beach	Erect, place and maintain 2 stormwater outlet structures	1/6/2026
4598-2	Outlet structure	Waitara River Estuary	Use and maintain stormwater outlet	1/6/2027
4599-2	Outfall	Waitara WWTP	Occupy coastal marine area with a marine outfall	1/6/2021
4600-2	Protection	Waitara River	Use and maintain training walls	1/6/2027
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
4818-2	Protection	Tongaporutu Estuary	Use and maintain four groynes and rip rap	1/6/2027
4900-2	Outlet	Waitara River Estuary	Use and maintain stormwater outfall	1/6/2027
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
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
5223-3	Protection	Oakura Beach	Occupy coastal marine area with a stormwater outfall and boulder rip rap minor toe protection	1/6/2048
5412-3	Protection	Oakura Beach	Occupy coastal marine area with a boulder rip rap	1/6/2048
5523-3	Protection	Wairau Stream, Oakura Beach	Occupy coastal marine area with a boulder rip rap	1/6/2048
5761-2	Protection	Urenui Beach Foreshore	Maintain boulder rock rip rap seawall	1/6/2050
5834-1*	Pipeline	Waiwhakaiho and Te Henui, New Plymouth	Erect sewage pipeline	1/6/2025
6096-1	Outlet structure	East End Beach	Erect, place and maintain stormwater outlet structure	1/6/2021

Consent Number	Sub-type	Location	Purpose	Expiry Date
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
7007-1	Protection	Urenui Beach	Erect, place and maintain a rock rip rap seawall	1/6/2015**
7255-1	Boat ramp	Waitara River	Remove a boat ramp, to erect and maintain an upgraded boat ramp, jetties and pontoons	1/6/2027
7442-1	Bridge	Waiwhakaiho River	Erect, place and maintain a footbridge	1/6/2026
7649-1	Protection	Waiwhakaiho River	Erect, place and maintain rip rap seawall	1/6/2026
7718-1	Outlet	Waitara River	Install, use and maintain outlet structure	1/6/2027
9287-1	Protection	Onaero River	Place and maintain rock groynes	1/6/2027
9328-1	Protection	Waitara River	Erect boulder wall	1/6/2027

*Monitoring of consent covered in another report

**NPDC applied to renew the consent prior to its expiry, and therefore, continues to operate under the expired consent.

Tongaporutu

NPDC held coastal permit **4004-2** to erect, place and maintain a boat ramp on the true left bank of the Tongaporutu River estuary within the coastal marine area.

This permit was issued by the Council on 29 November 1994 and was due to expire on 1 June 2009. This was replaced by coastal permit **4004-3**, to use and maintain a boat ramp on the true left bank of the Tongaporutu River estuary and to occupy the related coastal space, which was issued by the Council on 8 May 2009 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2027.

There are four special conditions attached to the permit:

Conditions 1 and 2 deal with maintenance of the structure.

Condition 3 requires that the structure is removed if no longer required.

Condition 4 deals with review of the consent.

NPDC held coastal permit **4818-1** to place and maintain the existing four groynes situated within the coastal marine area of the Tongaporutu estuary. The consent was originally issued 3 October 1995, with changes to the purpose of the consent made 21

May 1996. It expired on 1 June 2009. This was replaced by coastal permit **4818-2**, 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. This permit was issued by the Council as a resource consent under Section 87(c) of the RMA on 8 May 2009. It is due to expire on 1 June 2027.

There are five special conditions attached to the permit:

Conditions 1 and 3 deal with maintenance of the structures.

Condition 2 requires an “as built” plan be provided.

Condition 4 requires that the structures are removed, if and when they are no longer required.

Condition 5 deals with review of the consent.

Urenui

NPDC holds coastal permit **4019** 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. This permit was issued by the Council on 27 November 2002 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2021.

There are five special conditions attached to the permit:

Condition 1 required that the Council was notified prior to initial construction of the protection works, and again following any major maintenance works.

Conditions 2 and 3 deal with best practicable option, and minimising disturbance to the estuary.

Condition 4 requires that the structure is removed, if and when no longer required. Condition 5 deals with review of the consent.

NPDC held coastal permit **4065-2** to place and maintain a boat ramp within the coastal marine area on the true right bank of the Urenui River. This permit was issued by the Council on 26 January 1996 and expired on 1 June 2009. This was replaced by coastal permit **4065-3** to use and maintain a boat ramp in the Urenui River Estuary and occupy the related coastal space. This permit was issued by the Council as a resource consent under Section 87(c) of the RMA on 8 May 2009. It is due to expire on 1 June 2027.

There are five special conditions attached to the permit:

Conditions 1 and 2 deal with maintenance of the ramp.

Condition 3 requires that a survey plan of the structure is provided.

Condition 4 requires that the boat ramp is removed when no longer required.

Condition 5 deals with review of the consent.

NPDC holds coastal permit **4183** 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 Motor Camp. This permit was issued by the Council on 27 November 2002 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2021.

There are five special conditions attached to the permit:

Condition 1 required that the Council was notified prior to initial construction of the protection works, and again following any major maintenance works.

Conditions 2 and 3 deal with best practicable option and minimising of disturbance to the estuary.

Condition 4 requires that the structure is removed, if and when no longer required.

Condition 5 deals with review of the consent.

NPDC holds coastal permit **5761-2** to occupy the coastal marine area with a 426 m long rock rip rap seawall located on the Urenui Beach foreshore. This permit was issued by the Council on 15 August 2001 as a resource consent under Section 87(c) of the RMA. It expired on 1 June 2015. The renewed consent was issued on 10 November 2015 and is due to expire on 1 June 2050.

There are 3 special conditions attached to the permit:

Condition 1 requires that any changes to the structure require authorisation.

Condition 2 requires that the outlet structure is maintained to the satisfaction of the Council.

Condition 3 deals with review of the consent.

NPDC holds coastal permit **6411** 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. This permit was issued by the Council on 16 June 2004 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2020.

There are five special conditions attached to the permit:

Condition 1 required the consent holder to notify the Council prior to construction of the rip rap, and again when undertaking maintenance.

Condition 2 deals with construction and maintenance of the structure.

Conditions 3 and 4 deal with best practicable option and ensuring minimal disturbance to the riverbed.

Condition 5 deals with review of the consent.

NPDC holds permit **7007** for a restricted coastal activity to erect, place and maintain a 311 m rock rip-rap seawall, and associated occupation of the coastal marine area, to the west of and adjacent to the existing seawall at Urenui Beach. This permit was issued by the Minister of Conservation on 6 September 2007, in accordance with Section 12(1)(b) of the RMA. The consent expired on 1 June 2015, however, in accordance with Section 124 of the RMA, the consent holder applied to renew the consent prior to its expiry, and therefore, continues to operate under the expired consent.

There are 17 special conditions attached to the permit:

Condition 1 requires that the consent is undertaken in accordance with the documentation submitted in support of the application.

Conditions 2 and 3 require the submission of various plans prior to the exercise of the consent.

Condition 4 requires that the construction of the wall commence from the eastern end adjacent to the existing structure and that only two stages of construction will be permitted.

Condition 5 requires the consent holder to notify the Council prior to and upon the commencement of construction and any maintenance.

Conditions 6 and 7 deal with public notification via signage, and public access while the wall is under construction.

Conditions 8, 9, 10 and 11 deal with minimising the environmental effects of construction.

Condition 12 states that public access shall be maintained immediately landward of the structure.

Condition 13 requires a landscaping and planting plan to be provided for the Urenui Domain prior to the exercise of the consent.

Condition 14 details with what happens in the event of archaeological remains being discovered.

Condition 15 requires that the structure is removed and the area reinstated, if and when it is no longer required.

Conditions 16 and 17 deal with expiry and review of the consent.

Onaero

NPDC held coastal permit **4590** to erect, place and maintain a bridge over the Onaero River in the Onaero Motor Camp within the coastal marine area. This permit expired on 1 June 2009.

It was replaced by coastal permit **4590-2**, to use and maintain a bridge in the coastal marine area of the Onaero River Estuary and to occupy the related coastal space. This permit was issued by the Council on 8 May 2009 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2027.

There are five special conditions attached to the permit:

Conditions 1 and 2 deal with maintenance of the structure.

Condition 3 requires that an 'as built' survey plan of the structure is provided.

Condition 4 states that the bridge is removed and the area reinstated, if and when it is no longer required.

Condition 5 deals with review of the consent.

NPDC holds 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. This permit was issued by the Council on 12 September 1996 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2026.

There are six special conditions attached to the permit:

Condition 1 requires that the structure shall be maintained appropriately.

Conditions 2, 3 and 4 deal with maintenance of the structure.

Condition 5 requires the structure to be removed and the area reinstated, if and when it is no longer required.

Condition 6 deals with review provisions.

Waitara

NPDC held coastal permit **4597** to erect, place and maintain a boat ramp and jetty on the left bank of the lower Waitara River Estuary within the coastal marine area. This permit was issued by the Council on 28 June 1994 as a resource consent under Section 87(c) of the RMA. It expired on 1 June 2009.

This consent is no longer relevant as the old boat ramp and jetty have been removed and replaced, and are now covered by coastal permit **7255** (see **7255** below).

NPDC held coastal permit **4598** to erect, place and maintain a stormwater outlet structure situated within the coastal marine area at the confluence between an unnamed tributary of the Waitara River (which drains what is known as the Golf Course catchment) and the Waitara River itself. This permit expired on 1 June 2009.

It was replaced by coastal permit **4598-2**, 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. This permit was, issued

by the Council on 11 May 2009 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2027.

There are five special conditions attached to the permit:

Conditions 1 and 2 deal with maintenance of the structure.

Condition 3 requires that an 'as built' survey plan of the structure is provided.

Condition 4 states that the outlet is removed and the area reinstated, if and when it is no longer required and condition 5 deals with review of the consent.

NPDC held 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, but excluding the protection works upstream of the solid concrete wall on the true left bank situated within the coastal marine area at the mouth of the Waitara River. This permit was due to expire on 1 June 2009. It was replaced by coastal permit **4600**, 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, issued by the Council on 29 May 2009 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2027.

There are five special conditions attached to the permit:

Conditions 1, 2 and 3 deal with maintenance of the structures.

Condition 4 requires that the structures are removed and the area reinstated, if and when it is no longer required.

Condition 5 deals with review of the consent.

NPDC held coastal permit **4900** to use and maintain a stormwater outfall structure in the coastal marine area on the true left bank of the Waitara River Estuary. This permit expired on 1 June 2009. It was replaced by coastal permit **4900-2**, to use and maintain a stormwater outfall structure (Photo 14) in the coastal marine area on the true left bank of the Waitara River Estuary, and to occupy the related coastal space, was issued by the Council on 11 May 2009 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2027.

There are four special conditions attached to the permit:

Conditions 1 and 2 deal with maintenance of the structure.

Condition 3 requires that the structure is removed and the area reinstated, if and when it is no longer required.

Condition 4 deals with review of the consent.



Photo 14 Stormwater outlet structure McNaughton Street, Waitara (June 2016)

NPDC holds coastal permit **6525** to erect, place and maintain a stormwater outlet structure in the coastal marine area on the true right stopbank of the Waitara River. This permit was issued by the Council on 4 February 2005 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2021.

There are six special conditions attached to the permit:

Conditions 1, 2 and 4 deal with installation of the outlet.

Condition 3 deals with minimisation of disturbance during maintenance works.

Conditions 5 and 6 deal with lapse and review of the consent.

NPDC holds coastal permit **7255** 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. This permit was issued by the Council on 12 March 2008 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2027.

There are ten special conditions attached to the permit:

Conditions 1 and 2 deal with best practicable option and undertaking the consent in accordance with information supplied in the application.

Condition 3 requires that the consent holder maintain the structure in a safe and sound state.

Condition 4 requires the consent holder to notify the Council prior to and following completion of the structure, and similarly for any maintenance.

Conditions 5 and 6 deal with the disturbance and measures to prevent discharge of debris and/or contaminants to the river.

Condition 7 requires the consent holder to erect signage to warn the public of potential hazards.

Condition 8 requires the structures be removed, if and when no longer required.

Conditions 9 and 10 deal with lapse and review of the consent.

Bell Block

NPDC held coastal permit **5102-3** to erect, place and maintain a boulder rock revetment seawall of approximately 740 m in length at Bell Block for coastal erosion protection purposes. This permit was issued by the Council on 10 May 2005 as a resource consent under Section 87(c) of the RMA. The consent for a 640 m seawall was initially granted on 11 July 1997, with a variation to the purpose in June 2004 to extend the seawall 70 m to the east (total length 710 m). A further variation was granted in May 2005 to extend the wall 30m to the west (total length 740 m).

Coastal permit **5102-3** expired on 1 June 2008, and was replaced by **5102-4** on 30 May 2008. The purpose of the consent was varied slightly: to erect, place and maintain a boulder rock revetment seawall of approximately 740 m in length, and to occupy the associated coastal space, at Bell Block for coastal erosion protection purposes. It is due to expire on 1 June 2026.

There are seven special conditions attached to the consent:

Condition 1 requires that the exercise of the consent is undertaken in accordance with documentation supplied with the application.

Condition 2 requires that the structure be maintained in a safe and sound condition.

Condition 3 requires the consent holder to provide an 'as built' plan of the structure.

Conditions 4 and 5 deal with maintenance of the structure.

Condition 6 requires that the structure is removed and the area reinstated, if and when no longer required.

Condition 7 deals with review of the consent.

Waiwhakaiho

NPDC hold coastal permit **4585-2** to erect, place and maintain a rock groyne structure, and to occupy the associated coastal space, at the Waiwhakaiho River mouth. This permit was issued by the Council on 14 May 2008 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2026.

There are six special conditions attached to the consent:

Condition 1 requires that the exercise of the consent is undertaken in accordance with documentation submitted in support of the application.

Condition 2 requires that the structure is maintained in a safe and sound condition, while condition 4 requires notice of any maintenance.

Condition 3 requires the consent holder to provide a baseline “as built” survey plan of the structure within six months of granting the consent.

Condition 5 requires the structure to be removed and the area reinstated if and when the structure is no longer required.

Condition 6 deals with review of the consent.

NPDC holds coastal permit **4603-2** 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. This permit was issued by the Council on 18 March 2008 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2026.

There are five special conditions attached to the consent:

Condition 1 requires that the exercise of the consent is undertaken in accordance with documentation submitted in support of the application.

Condition 2 requires that the structure is maintained in a safe and sound condition.

Condition 3 requires the consent holder to provide a baseline “as built” survey plan of the structure within six months of granting the consent.

Condition 4 requires notice of any maintenance.

Condition 5 deals with review of the consent.

NPDC holds coastal permit **7442-1** to erect, place and maintain a foot bridge over the Waiwhakaiho River, including the related occupation of coastal space. This permit was issued by the Council on 13 February 2009 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2026.

There are seven special conditions attached to the consent:

Condition 1 requires that the activity is carried out as specified in the application.

Condition 2 deals with notification, both prior to works and with any subsequent maintenance.

Conditions 3 and 4 are included to ensure the level of disturbance is minimised.

Condition 5 requires that the bridge is removed and the area reinstated, if and when it is no longer required.

Conditions 6 and 7 deal with lapse and review of the consent.

Fitzroy and East End

NPDC hold coastal permit **4586-2** 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 Life Saving Club. This permit was issued by the Council on 18 March 2008 as a resource consent under Section 87(c) of the RMA and expired on 1 June 2026.

There are six special conditions attached to the consent:

Condition 1 requires that the exercise of the consent is undertaken in accordance with documentation submitted in support of the application.

Condition 2 requires that the structure is maintained in a safe and sound condition.

Condition 3 requires the consent holder to provide a baseline “as built” survey plan of the structure within six months of granting the consent.

Condition 4 requires notice of any maintenance.

Condition 5 requires that the structure is removed, if and when no longer required.

Condition 6 deals with review of the consent.

NPDC holds coastal permit **4596-2**, 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, on 30 May 2008. The third stormwater outlet is now covered by consent **6096** (see below) and so is no longer included in **4596**. This permit was issued by the Council on 30 May 2008 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2026.

There are eight special conditions attached to the consent:

Condition 1 requires that the consent is undertaken in accordance with documentation submitted with the application.

Condition 2 requires the consent holder to maintain the structures in a safe and sound condition.

Condition 3 requires the consent holder to supply ‘as built’ plans of the structures.

Condition 4 requires the consent holder to notify the Council prior to any maintenance works.

Conditions 5 and 6 are specific to the maintenance of the Fitzroy stormwater outlet.

Condition 7 requires that the structures are removed and the area reinstated if and when they are no longer required.

Condition 8 deals with review of the consent.

NPDC holds coastal permit **6096-1** to erect, place and maintain a stormwater outlet structure in the coastal marine area adjacent to the East End Reserve. This permit was issued by the Council on 12 December 2002 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2021.

There are six special conditions attached to the consent:

Conditions 1, 2, 3 and 4 deal with construction and maintenance of the structure.

Condition 5 requires that the structure is removed and the area reinstated, if and when it is no longer required.

Condition 6 deals with review of the consent.

NPDC holds coastal permit **4523** to erect and maintain (including the existing seawall) a rockwall from the Te Henui stream mouth to in front of the East End Surf Life Saving Club clubrooms totalling approximately 355 m. This permit was issued by the Council on 23 November 1994 as a resource consent under Section 87(c) of the RMA. A change to the consent was granted on 30 May 1995 to provide for a change in the cross-sectional design. A further change was granted on 10 May 2005, this allowed the wall to be extended from 290 to 355 m. It is due to expire on 1 June 2025.

There are eight special conditions attached to the consent:

Condition 1 requires the consent holder to notify the Council prior to construction and maintenance.

Condition 2 requires that the structure be constructed in accordance with documentation submitted with the application.

Condition 3 states that there shall be no refuelling of construction machinery within the coastal marine area.

Condition 4 requires that all works comply with noise standards of the Regional Coastal Plan.

Condition 5 states that in situ beach material shall be used only for foreshore reinstatement purposes seaward of the structure, and not for construction purposes.

Condition 6 requires that the area and volume of foreshore disturbance is minimised.

Condition 7 requires that the structure be removed and the area reinstated if no longer required.

Condition 8 provides for review of the consent.

NPDC holds coastal permit **4587-2** to erect, place and maintain a rock groyne structure, and to occupy the associated coastal space, at the Te Henui Stream mouth. This permit was issued by the Council on 14 May 2008 as a resource consent under Section 87(c) of the RMA. This permit is due to expire on 1 June 2026.

There are six special conditions attached to consent:

Condition 1 requires that the exercise of the consent is undertaken in accordance with documentation submitted in support of the application.

Condition 2 requires that the structure is maintained in a safe and sound condition.

Condition 3 requires the consent holder to provide a baseline “as built” survey plan of the structure within six months of granting the consent.

Condition 4 requires notice of any maintenance.

Condition 5 requires that the structure is removed, if and when it is no longer required.

Condition 6 deals with review of the consent.

New Plymouth

NPDC hold coastal permit **4322-2** 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. This structure is located off Queen Street. This permit was issued by the Council on 27 March 2008 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2026.

There are six special conditions attached to the consent:

Condition 1 requires that the exercise of the consent is undertaken in accordance with documentation submitted in support of the application.

Condition 2 requires that the structure is maintained in a safe and sound condition.

Condition 3 requires notice of any maintenance, while condition 4 requires the best practicable option to prevent any adverse environmental effects during maintenance.

Condition 5 requires that the structure is removed, if and when no longer required.

Condition 6 deals with review of the consent.

NPDC hold coastal permit **4592-2** to erect, place and maintain an outlet structure from the Hongihongi Stream (Photo 15) within the coastal marine area and to occupy the associated coastal space. This permit was issued by the Council on 27 March 2008 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2026.



Photo 15 Hongihongi Stream outlet structure (April 2016)

There are five special conditions attached to the consent:

Condition 1 requires that the exercise of the consent is undertaken in accordance with documentation submitted in support of the application.

Condition 2 requires that the structure is maintained in a safe and sound condition.

Condition 3 requires notice of any maintenance.

Condition 4 requires that the structure is removed, if and when no longer required.

Condition 5 deals with review of the consent.

NPDC hold coastal permit **4594-2** to erect, place and maintain an outlet structure from the Mangaotuku Stream diversion tunnel, and to occupy the associated coastal space. This permit was issued by the Council on 27 May 2008 as a resource consent under Section 87(c) of the RMA and is due to expire on 1 June 2026.

There are six special conditions attached to the consent:

Condition 1 requires that the exercise of the consent is undertaken in accordance with documentation submitted in support of the application.

Condition 2 requires that the structure is maintained in a safe and sound condition.

Condition 3 requires the consent holder to provide a baseline “as built” survey plan of the structure within six months of granting the consent.

Condition 4 requires notice of any maintenance.

Condition 5 requires that the structure is removed, if and when no longer required.

Condition 6 deals with review of the consent.

NPDC holds coastal permit **4595-3** to occupy the coastal marine area with a marine outfall structure. This original permit was issued by the Council on 26 January 1996 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2014. The consent was renewed on 10 September 2014 and is now set to expire 1 June 2032.

There are three special conditions attached to the permit:

Condition 1 requires that any changes to the structure require authorisation.

Conditions 2 requires that the outlet structure is maintained to the satisfaction of the Council.

Condition 3 deals with review of the consent.

NPDC holds coastal permit **4602-2** 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 Tasman Prospect. This permit was issued by the Council on 26 May 1996 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2025. A change to conditions of the consent was granted in November 2007 to allow strengthening of the structure over a 100 m length.

There are eight special conditions attached to the permit:

Condition 1 authorises modifications to the structure as detailed in application 4811.

Condition 2 requires the consent holder to provide a plan of the structure between the Lee Breakwater and the Te Henui Stream.

Condition 3 requires the consent holder to develop and implement a monitoring programme for the length of foreshore between the Lee Breakwater and the Te Henui Stream.

Condition 4 requires the consent holder to produce a management strategy for the coastline between the Lee Breakwater and the Te Henui Stream.

Condition 5 requires the consent holder to maintain the structure to the satisfaction of the Council.

Condition 6 requires the consent holder to notify the Council at least 24 hours prior to undertaking any major maintenance works.

Condition 7 requires that the structure is removed if no longer required.

Condition 8 provides for review of the consent.

NPDC holds coastal permit **5160-2** to occupy the coastal marine area with a stormwater outfall structure on the New Plymouth Foreshore. This structure is located off Pari Street. This permit was issued by the Council on 11 July 1997 as a resource consent under Section 87(c) of the RMA. It expired on 1 June 2014. The renewed consent was granted on 10 September 2014 and is due to expire on 1 June 2025.

There are three special conditions attached to the permit.

Condition 1 requires that any changes to the structure require authorisation.

Conditions 2 requires that the outlet structure is maintained to the satisfaction of the Council.

Condition 3 deals with review of the consent.

NPDC holds coastal permit **5182-2** to occupy the coastal marine area with a stormwater outfall structure on the Ngamotu Beach Foreshore. The permit was issued by the Council on 16 October 1997 as a resource consent under Section 87(c) of the RMA. It expired on 1 June 2014. The renewed consent was granted on 2 September 2014 and is due to expire on 1 June 2032.

There are three special conditions attached to the permit:

Condition 1 requires that any changes to the structure require authorisation.

Condition 2 requires that the outlet structure is maintained to the satisfaction of the Council.

Condition 3 deals with review of the consent.

Back Beach

NPDC holds coastal permit **6553** to erect, place and maintain an existing boat ramp at Paritutu/Back Beach in the coastal marine area. This permit was issued by the Council on 17 February 2005 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2020.

There are nine special conditions attached to the permit:

Condition 1 requires the consent holder to adopt the best practicable option to prevent or minimise adverse effects on the environment.

Conditions 2 and 3 deal with exercise of the consent.

Condition 4 requires that there is no refuelling of construction machinery in the coastal marine area.

Condition 5 requires that the area and volume of foreshore disturbance is minimised.

Condition 6 requires that public signage warning of hazards is erected during construction and maintenance.

Condition 7 requires that the consent holder adopt the best practicable option to avoid or minimise the discharge of debris or contaminants.

Conditions 8 and 9 deal with lapse and expiry of the consent.

Oakura

NPDC hold coastal permit **4583-2** to erect, place and maintain rock boulder protection works, and to occupy the associated coastal space, in the Oakura River Estuary. This permit was issued by the Council on 14 May 2008 as a resource consent under Section 87(c) of the RMA, and is due to expire on 1 June 2026.

There are six special conditions attached to the consent:

Condition 1 requires that the exercise of the consent is undertaken in accordance with documentation submitted in support of the application.

Condition 2 requires that the structure is maintained in a safe and sound condition.

Condition 3 requires the consent holder to provide a baseline “as built” survey plan of the structure within six months of granting the consent.

Condition 4 requires notice of any maintenance.

Condition 5 requires that the structure is removed, if and when no longer required.

Condition 6 deals with review of the consent.

NPDC hold coastal permit **4584-2** 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. This permit was issued by the Council on 14 May 2008 as a resource consent under Section 87(c) of the RMA, and is due to expire on 1 June 2025.

There are six special conditions attached to the consent:

Condition 1 requires that the exercise of the consent is undertaken in accordance with documentation submitted in support of the application.

Condition 2 requires that the structure is maintained in a safe and sound condition.

Condition 3 requires the consent holder to provide a baseline “as built” survey plan of the structure within six months of granting the consent.

Condition 4 requires notice of any maintenance.

Condition 5 requires that the structure is removed, if and when no longer required.

Condition 6 deals with review of the consent.

NPDC holds coastal permit **5223-3** 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. This structure is located between and adjacent to the properties at 63 and 65 Messenger Terrace. This permit was issued by the Council on 4 April 2002 as a resource consent renewal under Section 87(c) of the RMA, and expired on 1 June 2014. The renewed consent was granted on 10 September 2014 and is due to expire on 1 June 2048.

There are three special conditions attached to the permit:

Condition 1 requires that any changes to the structure require authorisation.

Condition 2 requires that the outlet structure is maintained to the satisfaction of the Council.

Condition 3 deals with review of the consent.

NPDC holds coastal permit **5412-3** to occupy the coastal marine area with a boulder rip rap minor toe protection and a stormwater outlet for coastal erosion control purposes. This structure is located between and adjacent to the properties at 71 and 73 Messenger Terrace. This permit was issued by the Council on 4 April 2002 as a resource consent renewal under Section 87(c) of the RMA. The original consent was granted on 8 September 1999 with a June 2002 expiry date. It was renewed on 18 March 2002, and expired on 1 June 2014. The renewed consent was granted on 17 October 2014 and is due to expire on 1 June 2048.

There are three special conditions attached to the permit:

Condition 1 requires that any changes to the structure require authorisation.

Condition 2 requires that the outlet structure is maintained to the satisfaction of the Council.

Condition 3 deals with review of the consent.

NPDC holds coastal permit **5523-3** to occupy the coastal marine area with a boulder rip rap minor toe protection at the mouth of the Wairau Stream for coastal erosion control purposes. This structure is located between the Wairau Stream and the property at 1 Messenger Terrace. This permit was issued by the Council on 21 March 2002 as a resource consent renewal under Section 87(c) of the RMA. The original consent was granted on 8 September 1999 with a June 2002 expiry date. It was renewed on 21 March 2002, and expired on 1 June 2014. The renewed consent was granted on 10 September 2014 and is due to expire on 1 June 2048.

There are three special conditions attached to the permit:

Condition 1 requires that any changes to the structure require authorisation.

Condition 2 requires that the outlet structure is maintained to the satisfaction of the Council.

Condition 3 deals with review of the consent.

NPDC holds coastal permit **6270** 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. This includes the disturbance of the bed by way of excavation and extraction of loose sediment from an upstream island shoal deposit for river control purposes. This permit was issued by the Council on 16 February 2004 as a resource consent under Section 87(c) of the RMA. It is due to expire on 1 June 2020.

There are eight special conditions attached to the permit:

Conditions 1 and 4 require the consent holder to avoid or minimise environmental effects associated with exercise of the consent.

Condition 2 required the consent holder to provide notification prior to the construction of the protection works and again prior to major maintenance works.

Condition 3 deals with construction of the protection works.

Condition 5 limits the dates disturbance may take place in the water covered river bed.

Condition 6 requires that the structures are removed and the area reinstated, if and when they are no longer required.

Conditions 7 and 8 deal with lapse and expiry of the consent.

Copies of the permits are attached to this report in Appendix I.

1.4 Monitoring programme

1.4.1 Introduction

Section 35 of the RMA sets out obligations upon the Council to gather information, monitor, and conduct research on the exercise of resource consents, and the effects arising, within the Taranaki region and report upon these.

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 reviews;
- renewals;
- new consents;
- 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 the integrity of the structure(s) and any end effects.

2. Results

2.1 Tongaporutu

2.1.1 Inspections and maintenance

An inspection took place at Tongaporutu on 1 May 2016. The boat ramp (permit 4004) and four groynes (permit 4818) were all found to be satisfactory and performing well.

On 11 January 2016 NPDC undertook maintenance work on the rip rap seawall protection at Tongaporutu.



Photo 16 Boat ramp at Tongaporutu (May 2016)

2.2 Urenui Beach

2.2.1 Inspections and maintenance

Urenui Beach was visited on 29 June 2016. The riverbank protection works by the boat ramp (permit 4019) were in good condition. The riverbank protection works around the Manager's Residence (permit 4183) and the boat ramp (permit 4065) was satisfactory with no obvious end effects.



Photo 17 Riverbank protection works by the boat ramp (June 2016)



Photo 18 Urenui boat ramp (June 2016)



Photo 19 Riverbank protection works around the Manager's residence (June 2016)

The rock rip rap seawall at the east of Urenui Beach (permit 5761) was in good condition.



Photo 20 Urenui Beach rip rap protection east seawall (June 2016)

The area of sand dune to the south west of the rip rap protection wall extension, authorised by permit 7007 is susceptible to erosion, which can result in observable end effects (Photo 21). The inspection on 29 June 2016 occurred after a number of large storm events which caused severe erosion in many locations around the North Taranaki coastline. During the inspection at Urenui Beach it was evident that significant erosion had occurred to the bank and dunes to the south west of the rip rap protection wall. Both the dunes and bank had been severely eroded with dune vegetation removed and tree roots exposed.

Maintenance undertaken by NPDC at Urenui Beach during the monitoring year included repairs to the rock wall on 25 September 2015 and sand push-up on the beach on 30 June 2016.



Photo 21 End effects from Urenui rip rap protection wall extension (top June 2013, middle May 2015, bottom June 2016)

The gabion basket and rip rap in the estuary (permit 6411) were all in good order (Photo 22).



Photo 22 Urenui rip rap (June 2016)

2.2.2 Results of surveying

Eight permanent benchmarks have been set up at Urenui (Table 2). Initial surveys were undertaken on 28 January 2003 and these initial survey profiles will be used to compare with future surveys.

The monitoring plan for the surveys is currently being finalised and will ideally begin in the 2017-2018 monitoring period.

Table 2 Bench mark data for Urenui survey sites

Cross-section name	GPS		Location
NP058.28 CP	2630435.29	6245178.32	West end of beach
NP058.38 CP	2630529.91	6245210.63	Centre of baches
NP058.48 CP	2630626.03	6245238.18	Access steps east end of baches
NP058.58 CP	2630718.57	6245278.22	Western end of revetment
NP058.63 CP	Information unavailable		
NP058.68 CP	2630820.75	6245284.63	Centre of revetment
NP058.73 CP	Information unavailable		
NP058.78 CP	2630911.51	6245312.65	Eastern end of revetment

2.3 Onaero

2.3.1 Inspections and maintenance

An inspection was undertaken on 29 June 2016 at the bridge which crosses the Onaero River (permit 4590) and the seawall (permit 5035).

Both the bridge and seawall were in good order and did not appear to present any adverse environmental effects at the time of inspection.

Maintenance undertaken by NPDC at Onaero Beach under permit 5035 during the monitoring year included:

- Clearing the headland walkway of debris;
- Repair works on the seawall;
- Replacing the bottom section of the ramp; and
- Repositioning rocks around the ramp.



Photo 23 Onaero seawall (June 2016)

2.3.2 Surveying

Three permanent benchmarks have been set up at Onaero Beach, with initial profiles surveyed on 26 February 2003. These initial survey profiles will be used to compare with future surveys. The monitoring plan for the surveys is currently being finalised and will ideally begin in the 2017-2018 monitoring period.

2.4 Waitara

2.4.1 Inspections and maintenance

Coastal structures at Waitara were visited on 1 June 2016 in relation to five coastal permits. The stormwater outlet structure downstream of Atkinson Street (permit 4598) was in good condition and there was no evidence of erosion (Photo 24).



Photo 24 Stormwater outlet structure downstream of Atkinson Street (June 2016)

The stormwater outlet structure on McNaughton Street (permit 4900) appeared to be in satisfactory condition (Photo 14). The plate on the end of the pipe, replaced between the 2013 and 2014 inspection, had remained in place by the 2016 inspection.

The stormwater outlet by the Atkinson Street/East Quay intersection (permit 6525) was in good condition. The build-up of stones in front of the outlet pipe, observed during the June 2013 inspection, was not present during the June 2016 inspection (Photo 25).



Photo 25 The stormwater outlet by the Atkinson Street/East Quay intersection (June 2013 and June 2016)

The groynes at the Waitara River mouth appeared satisfactory (permit 4600).

NPDC commissioned MetOcean Solutions Limited to provide an expert opinion as to whether the erosion at Waitara East Beach in 2015 could be directly attributed to the construction of the half tide wall in October 2014. The results of the report are discussed further in Section 3.1.

Flooding on 20 June 2015 badly damaged the jetty (Photo 27). During the year the boat ramp was cleared and maintenance was carried out on the structures. The boat ramp and jetty (permit 7255) were in good condition at the time of inspection on 1 June 2016 (Photo 26 and 27).



Photo 26 Boat ramp at Waitara (top June 2015, bottom June 2016)



Photo 27 Jetty at Waitara (top June 2015, bottom June 2016)

Maintenance undertaken by NPDC over the monitoring year included clearing the boat ramp and maintenance work on the surrounding structures within the Marine Park.

2.4.2 Surveying

Eight profiles and permanent benchmarks have been set up on both east and west beach, with initial profiles surveyed on 14 January 2003. These profiles were surveyed again on 7 October 2015 in order to assess erosion at Waitara East Beach (MetOcean, 2016).

The monitoring plan for the surveys is currently being finalised and will ideally begin in the 2017-2018 monitoring period.

2.5 Bell Block

2.5.1 Inspections and maintenance

An inspection took place on 8 May 2016 of the seawall (permit 5102). The inspections showed that the seawall was generally in good condition with no obvious end effects (Photo 28). There was no major build-up of stones on the access ramp during the

2016 inspection (Photo 29) as NPDC had cleared this area of stones during the period under review.



Photo 28 Bell Block seawall (May 2016)



Photo 29 Bell Block access ramp to beach (May 2016)

2.5.2 Surveying

Four profile sites and permanent benchmarks were set up on both the east and west beach. Profiles were initially surveyed on 13 February 2003.

The monitoring plan for the surveys is currently being finalised and will ideally begin in the 2017-2018 monitoring period.

2.6 Waiwhakaiho

2.6.1 Inspections and maintenance

An inspection of the three coastal structures (under permits 4585, 4603 and 7442) at Waiwhakaiho was undertaken on 21 April 2016.

The inspections found that the groyne and associated rock rip rap (permit 4585) were in a good condition.



Photo 30 Waiwhakaiho groyne (April 2016)

Extensive works were undertaken on the Waiwhakaiho footbridge (permit 4603) in 2009 and 2010. The inspection undertaken in 2016 showed that the bridge remained in good condition (Photo 31). Permit 7442 was granted in February 2009 with construction of the Te Rewarewa Bridge occurring later in 2009 and into 2010. The inspection in relation to this coastal permit showed that the bridge remained in excellent condition with no obvious signs of erosion (Photo 32).



Photo 31 Footbridge over the Waiwhakaiho River (April 2016)



Photo 32 Te Rewarewa bridge over the Waiwhakaiho River (April 2016)

2.7 Fitzroy and East End

2.7.1 Inspections and maintenance

Council staff undertook an inspection on six separate coastal permits in the Fitzroy and East End area. These permits include 4523, 4586, 4587, 4596, 6096 and 6242 with the results from each being discussed below.

The inspection of the rock rip rap wall (permit 4523) around East End Surf Life Saving Club found that the wall was in good order (Photo 11).

Coastal permit 4586 covers both the boat ramp and rock protection works in front of and adjacent to the Fitzroy Surf Life Saving Club. The boat ramp was in satisfactory condition at the time of the inspection. The condition of the bank on which the rock protection works were constructed had improved since the May 2015 inspection, with more vegetation visible on the June 2016 inspection (Photos 33 and 34).

As noted in previous inspections, there was an area of obvious erosion between the New Plymouth Surf Riders Club and Fitzroy Surf Life Saving Club where the bank appeared to be used as an access point i.e. the erosion appeared to have occurred as a result of human foot traffic (Photo 35).



Photo 33 Boat ramp and rock protection works in front of Fitzroy Surf Lifesaving Club (top June 2013, middle May 2015, bottom June 2016)



Photo 34 Rock protection works in front of Fitzroy Surf Lifesaving Club (top May 2014, middle May 2015, bottom June 2016)



Photo 35 Close up of erosion present in front of Board Riders club caused by human foot traffic (June 2013, May 2015 and June 2016)

The plantings in front of the New Plymouth Surf Riders Club have made major improvements in preventing erosion of the bank (Photo 36). The area is also well fenced. The tree trunk, usually at the base of the dune, had shifted on to the bank causing damage to one of the fences.



Photo 36 Plantings in front of the New Plymouth Surf Riders Club (April 2010 and June 2016)

The Te Henui groyne (permit 4587) was in satisfactory condition.

Coastal permit 4596 enables the maintenance of two stormwater outlets, one being just north of the East End Surf Life Saving Club and the other west of the Fitzroy Surf Life Saving Club. Sand had been removed from the outlet at Fitzroy (Photo 37). Sticks and debris had accumulated inside the outlet at the East End Surf Life Saving Club, clearly visible during the 2016 inspection (Photo 37).

During the 2013 inspection of the stormwater outlet into Te Henui Stream (coastal permit 6096), the gabion baskets appeared rusty and worn. The breaking open of these gabions creates a hazard through exposed broken steel mesh. The rest structure itself was in a satisfactory condition, although it was partly obstructed by sand and debris. The gabion baskets had been repaired by the 2014 inspection and were still in good condition during the 2016 inspection.

The rock rip rap protection on the right bank of the Te Henui Stream (permit 6242) appeared to be in good condition during the April 2016 inspection.



Photo 37 Stormwater outlets under coastal permit 4596 (top Fitzroy June 2016, bottom East End April 2016)

2.7.2 Surveying

The monitoring plan for the surveys is currently being finalised and will ideally begin in the 2017-2018 monitoring period.

2.8 New Plymouth City

2.8.1 Inspections and maintenance

An inspection of the New Plymouth foreshore was undertaken on 21 April 2016, covering seven coastal permits; 4322, 4592, 4594, 4595, 4602, 5160 and 5182.

The inspections found the outfall diversion structure from the Mangaotuku Stream (permit 4322) to be in a suitable condition.

The outlet structure from the Hongihongi Stream (permit 4592) was in a satisfactory condition but the gabion baskets to the left of the outlet were rusty and splitting.

The inspections noted that the outlet structure from Mangaotuku Stream (permit 4594) was in satisfactory condition (Photo 38).

It was difficult to view much of the outfall structure off Elliot Street (permit 4595) from the coastal walkway, however, the top of the structure was in a good condition.

The foreshore rip rap protection between Te Henui and Kawaroa (permit 4602) was in satisfactory condition when inspected on 21 April 2016 (Photo 39). NPDC undertook repair works on this section of wall over May and July 2015.

The top of the stormwater outfall off Pari Street (permit 5160) looked in good order.

The stormwater outfall on Ngamotu Beach (permit 5182) was clear of debris and in suitable condition (Photo 40).



Photo 38 Mangaotuku Stream outlet (April 2016)



Photo 39 Foreshore rip rap protection between Te Henui and Kawaroa (April 2016)



Photo 40 The Bayly Road stormwater outfall on Ngamotu Beach (April 2016)

2.8.2 Surveying

No surveying/further monitoring has been undertaken around the New Plymouth foreshore as part of this monitoring programme. The monitoring plan for the surveys is currently being finalised and will ideally begin in the 2017-2018 monitoring period.

2.9 Back Beach

2.9.1 Inspections and maintenance

During 2015 significant erosion had occurred beneath the concrete boat ramp/beach access point at Back Beach (permit 6553) resulting in a visible crack forming down the length of the boat ramp (Photo 41). At the time of the May 2015 inspection NPDC were in the process of organising repairs. Shortly after the inspection, boulders and rocks

were placed at the toe of the structure and the cavity was filled with the aim of preventing further damage to the ramp and making public access easier/safer. The repair work undertaken was still in place and functioning well during the inspection on 21 April 2016 (Photo 41).



Photo 41 Boat ramp at Back Beach (top May 2015, bottom April 2016)

2.10 Oakura

2.10.1 Inspections and maintenance

On 21 April 2016 various coastal structures at Oakura Beach, covered by six coastal permits (4583, 4584, 5223, 5412, 5523 and 6270), were inspected.

Coastal permits 4583 and 6270 essentially cover the same structure(s) and hence were inspected together. The boulder protection works were mainly in a satisfactory condition.

The boat ramp and foreshore protection works at Oakura Beach (permit 4584) were in good condition. The boat ramp was found to be in a good condition. The protection works (Photo 42) showed some signs of erosion at the top of the wall. Erosion of the bank/dunes was evident to the west of the Surf Life Saving Club (Photo 42). Without expert assessment it is difficult to determine the extent the erosion was due to end effects of the rip rap wall relative to effects of the Waimoku Stream.



Photo 42 Protection works in front of Oakura Surf Life Saving Club showing erosion of the bank/dunes to the west of the club (top June 2015, bottom April 2016)

The stormwater outfall and rip rap toe protection works down the right-of-way at 63-65 Messenger Terrace (permit 5223) were in a good condition.

The boulder rip rap protection along Messenger Terrace (permit 5412) appeared to be in satisfactory condition.

2.10.2 Surveying

No surveying/monitoring is currently conducted on this beach. It is recommended that a programme is developed in conjunction with the structures licensed to property owners on the seaward side of Messenger Terrace.

2.11 Investigations, interventions, and incidents

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 the consent holder. 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 courses of non-compliance or failure to maintain good practices. A pro-active approach that in the first instance avoids issues occurring is favoured.

The Council operates and maintains a register of all complaints or reported and discovered excursions from acceptable limits and practices, including non-compliance with consents, which may damage the environment. The incident register includes events where the organisation/individual concerned has itself notified the Council. The register contains details of any investigation and corrective action taken.

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 responsible party is indeed the source of the incident (or that the allegation cannot be proven).

In the 2015-2016 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 Environmental effects of exercise of consents

With the exception of Urenui Beach and Waitara East Beach, there were few concerns noted in relation to activities licensed by coastal permits held by NPDC. Minor maintenance was undertaken by NPDC during the 2015-2016 monitoring period.

3.1.1 Urenui Beach

At Urenui Beach adverse effects of the structure authorised by permit 7007 on the adjacent shoreline position were clearly evident during the 29 June 2016 inspection. The inspection followed a large storm event which caused severe erosion during the latter part of May 2016.

The potential for erosion at the western end of Urenui Beach has been previously well documented (McComb et al., 2005). Under stormy conditions at incoming high tide, sediments are stripped from the upper shore and dune face and transported westward. Some are deposited in the throat of the estuary, and some are recirculated across the delta region. On the subsequent outgoing tides, some of the sediments deposited in the estuary are jetted across the intertidal delta. It is probable that only a fraction of these are returned and deposited back on the unprotected foreshore (McComb et al., 2005).

Only 151 m of the seawall authorised by permit 7007 has been built by NPDC to date. Permit 7007 was granted in September 2007 by the Minister of Conservation for the erection, placement and maintenance of a 311 m rock rip-rap seawall. On 24 August 2016 NPDC submitted an application for a consent to extend the existing seawall. This application is currently being assessed.

3.1.2 Waitara East Beach

NPDC commissioned MetOcean Solutions Limited to provide an expert opinion as to whether the erosion at Waitara East Beach in 2015 could be directly attributed to the construction of the half tide wall in October 2014. The report concluded that with limited contemporary aerial photography available and the relatively short duration since the half tide wall was constructed, it was not possible to conclusively form an opinion as to whether the erosion at Waitara East Beach in 2015 can be directly attributed to the construction of the half tide wall in October 2014 (MetOcean, 2016).



Photo 43 Erosion at the west end of Urenui Beach June 2016

3.2 Proposed future monitoring programme

Larger structures like seawalls and groynes can have gradual effects which require long-term monitoring in order to assess effects, Tonkin and Taylor were contracted, in conjunction with DTec Consulting, to assess coastal structures and develop a suitable monitoring regime for each of these.

It was recommended in Tonkin and Taylor (2001) 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.

The report ‘Compliance monitoring programme for coastal structures’ (Tonkin and Taylor, 2001) also sets out specific recommendations for most of the NPDC coastal structures. These recommendations are discussed below.

Tongaporutu

The Tonkin and Taylor report (2001) did not provide any recommendations for the boat ramp or groynes at Tongaporutu. These structures are fairly minor and it is not anticipated that they require additional surveying.

For alterations and reconstruction as permitted maintenance, the report recommends that NPDC undertakes a baseline survey of the current revetment dimensions to record length, height, width and slope of the structure. It also recommends that records are kept of the volume and location of any additions of rock, and the major changes to the revetment verified by a topographic survey following placement.

The Tonkin and Taylor report (2001) recommended that Council staff undertake an annual monitoring inspection of both the revetment and bridge, including taking photographs. Additional visits and photographs should be taken following any alterations or additions to the revetment, and after major storm events.

Urenui

The consent for a seawall at Urenui was granted subsequent to the Tonkin and Taylor report (2001), however this wall is similar to the one at Bell Block and it is recommended that an annual topographic survey is undertaken at Urenui to monitor for “end effects”.

For alterations and reconstruction as permitted maintenance the The Tonkin and Taylor report (2001) report recommends that NPDC undertakes a baseline survey of the current revetment dimensions to record length, height, width and slope of the structure. Records should be kept of the volume and location of any additions of rock, and the major changes to the revetment verified by a topographic survey following placement.

It was also recommended that Council staff undertake an annual monitoring inspection of both the revetment and bridge, including taking photographs. Additional visits and photographs should be taken following any alterations or additions to the revetment, and after major storm events.

Onaero

The Tonkin and Taylor report (2001) noted that there was evidence of two potential effects of the revetment on local coastal processes and stability. These are:

- Evidence of “end effects”, with erosion at both ends of the revetment; and
- Loss of beach sediment from in front of the revetment due to wave reflection off the structures. This reduces the energy buffering capacity of the beach in front of the structure, hence allowing a greater amount of energy to interact with the structures.

To monitor for “end effects” Tonkin and Taylor report (2001) recommends:

- An annual topographic survey of the top edge and base of the cliff for a distance of 300m either side of the revetment; and
- Ten-yearly aerial photography (it was suggested that this occurs in conjunction with the Council SEM programme, with the consent holder purchasing the required photographs).

It was recommended that the need for this form of monitoring be reassessed after the second aerial photography survey.

To monitor for beach loss volume Tonkin and Taylor report (2001) recommends:

- An annual topographic survey of the beach in front, and 200 m either side, of the revetment. This survey should extend to the MLWS contour.

It was recommended that the need for this form of monitoring be reassessed after ten years.

To monitor for down-cutting of the mudstone platform, the Tonkin and Taylor report (2001) recommends:

- Five-yearly survey of the platform elevation (as described in section 3.1.3 of Tonkin and Taylor 2001) at seven fixed cross-sections located at 100 m intervals along the beach in front of the revetment (three in front of the revetment, two located 100 m and 200 m beyond either end); and
- Five-yearly survey of movements of individual rocks in the revetment as an assessment of the effect of down-cutting of the mudstone platform. This survey should be undertaken at the location of the three platform scour cross-sections from above and will require the placement of reference pins in individual rocks (detail described in section 3.2.3 of Tonkin and Taylor 2001).

It was recommended that the need for this form of monitoring be reassessed after ten years.

For alterations and reconstruction as permitted maintenance the report recommends that NPDC undertakes a baseline survey of the current revetment dimensions to record length, height, width and slope of the structure. And that records are kept of the volume and location of any additions of rock, and the major changes to the revetment verified by a topographic survey following placement.

It was also recommended that Council staff undertake an annual monitoring inspection of both the revetment and bridge, including taking photographs. Additional visits and photographs should be taken following any alterations or additions to the revetment, and after major storm events.

Waitara

The Tonkin and Taylor report (2001) recommends a topographical survey of the beach area for a distance of 500 m long-shore from either groyne. This survey should extend landward to the vegetation line, and seaward to the MLWS contour. The need for the continuation of this monitoring should be reviewed in ten years. For alterations and reconstruction as permitted maintenance the report recommends that NPDC undertakes a baseline survey of the current groynes' dimensions to record length, height, width and slope of the structure. Records should be kept of the volume and location of any additions of rock, and the major changes to the groynes verified by a topographic survey following placement.

It was also recommended that Council staff undertake an annual monitoring inspection of both the revetment and bridge, including taking photographs. Additional visits and photographs should be taken following any alterations or additions to the groynes, and after major storm events.

Bell Block

The Tonkin and Taylor report (2001) noted the following potential adverse effects from the revetment:

- ‘End effects’;
- Beach volume loss from in front of the revetment; and
- Scour of the mudstone platform in front of the revetment.

To assess ‘end effects’ the report recommended a monitoring programme consisting of the following components:

- An annual topographic survey of the top edge and base of the cliff for a distance of 500 m on the northeast side of the revetment; and
- Ten yearly aerial photography (it was suggested that this occurs in conjunction with the Council SEM programme, with consent holder to purchase required photographs).

Tonkin and Taylor (2001) recommend that the need for the continuation of this form of monitoring should be reviewed in five to ten years.

To assess beach volume loss, the report recommended an annual topographic survey of the beach in front of, and to 500 m northeast of the revetment. This survey should extend to the MLWS contour. Tonkin and Taylor (2001) recommend that the need for the continuation of this form of monitoring should be reviewed in five to ten years.

For alterations and reconstruction as permitted maintenance, the report recommends that NPDC undertakes a baseline survey of the current revetment dimensions. Length, height, width and slope of the structure should be recorded and records kept of the volume and location of any additions of rock, and the major changes to the groyne verified by a topographic survey following placement.

It was also recommended that Council staff undertake an annual monitoring inspection, including taking photographs. Additional visits and photographs should be taken following any alterations or additions to the revetment, and after major storm events.

Waiwhakaiho

The Tonkin and Taylor report considered that the two most important issues associated with the groyne that should be addressed in a monitoring programme were the effects on the beach, both up-drift and down-drift from the structure, and information on changes to the dimensions of the structure as a result of maintenance.

To address these changes Tonkin and Taylor recommended that an annual topographical survey of the beach area to the west of the groyne is undertaken for a long-shore distance of 500 m to determine sand trapping effects from the groyne.

This survey should extend landward to the top of the foredune, and seaward to the MLWS contour. At the same time, an annual topographic survey should also be undertaken of the down-drift beach on the eastern side of the river mouth. This survey should extend 500 m alongshore, landward to the vegetation line, and seaward to the MLWS contour.

Tonkin and Taylor (2001) recommend that the need for the continuation of this form of monitoring should be reviewed in five to ten years.

For alterations and reconstruction as permitted maintenance the report recommends that NPDC undertakes a baseline survey of the current revetment dimensions to record length, height, width and slope of the structure and that records are kept of the volume and location of any additions of rock, and the major changes to the groyne verified by a topographic survey following placement.

It was also recommended that Council staff undertake an annual monitoring inspection, including taking photographs. Additional visits and photographs should be taken following any alterations or additions to the revetment, and after major storm events.

Fitzroy and East End

The Tonkin and Taylor report (2001) recommends that an annual topographical survey is undertaken of the beach area from Te Henui Stream to the Waiwhakaiho River. This survey should extend landward to the top of the foredune, and seaward to the MLWS contour. This survey would be incorporated into the survey required for compliance monitoring of the Waiwhakaiho groyne. The need to continue this monitoring should be assessed after five to ten years.

For alterations and reconstruction as permitted maintenance the report recommends that NPDC undertakes a baseline survey of the current revetment dimensions to record length, height, width and slope of the structure. Records should be kept of the volume and location of any additions of rock, and the major changes to the groyne verified by a topographic survey following placement.

It was also recommended that Council staff undertake an annual monitoring inspection, including taking photographs. Additional visits and photographs should be taken following any alterations or additions to the revetment, and after major storm events.

New Plymouth

The Tonkin and Taylor report (2001) considers that the primary concerns regarding effects of the structures along this stretch of shoreline are that the structures have led to accelerated down-cutting of the shore platform, resulting in slumping, instability and failure of sections of the walls and revetments. However, the report considered that it was difficult to determine rates of down-cutting and the relative contribution to this from the structures. The report noted that there was little likelihood of "end effects" erosion due to the protection works being nearly continuous.

Condition 2 of consent 4602 requires that "the consent holder shall develop and implement a monitoring programme for the length of the foreshore between the Lee Breakwater and the Te Henui Stream". This programme involves a GPS survey of the position and height of the toe and the top of the structure after major maintenance (affected area only), or after five years.

To monitor down-cutting of the shore platform, the Tonkin and Taylor report (2001) recommends:

- A five-yearly survey of the platform elevation is undertaken (method described in section 3.1.3 of Tonkin and Taylor 2001) at six fixed cross-sections located at Hobson Street, Pari Street, Liardet Street, Queen Street, Morley Street, and Belt Road; and
- Five-yearly survey of movements of individual rocks in the revetment as an assessment of the effect of down-cutting of the platform. This survey should be undertaken at the location of the six-platform scour cross-sections from above and will require the placement of reference pins in individual rocks (detail described in section 3.2.3 of Tonkin and Taylor 2001).

The need for the continuation of these two surveys should be reviewed in 2025 when the consent is due for renewal.

For alterations and reconstruction as permitted maintenance the report recommends that NPDC undertakes a baseline survey of the current revetment dimensions to record length, height, width and slope of the structure (this may be covered by condition 2 of consent 4602). Records should be kept of the volume and location of any additions of rock, and the major changes to the groyne verified by a topographic survey following placement.

It was also recommended that Council staff undertake an annual monitoring inspection, including taking photographs. Additional visits and photographs should be taken following any alterations or additions to the revetment, and after major storm events.

Back Beach

As the boat ramp at Back Beach was not constructed until 2005, the Tonkin and Taylor report (2001) did not provide any recommendations for the structure. The boat ramp is a fairly minor structure and it is not anticipated that it requires additional surveying. However, the boat ramp will be visited on an annual basis by Council staff, including the collection of a photographic record. It is also recommended that NPDC provide the Council with 'as built' plans of the structures.

Oakura

The Tonkin and Taylor report (2001) recommends an annual topographical survey of the beach area from Oakura River to Waimoku Stream. This survey should extend landward to the top of the revetments where they are at present or to the cliff toe or top of the foredune where they are not, and seaward to the MLWS contour.

For alterations and reconstruction as permitted maintenance the report recommends that NPDC undertakes a baseline survey of the current structures' dimensions to record length, height, width and slope of the structures. Records should be kept of the volume and location of any additions of rock, and the major changes to the groyne verified by a topographic survey following placement.

It was also recommended that Council staff undertake an annual monitoring inspection of all the various structures, including taking photographs. Additional visits and photographs should be taken following any alterations or additions to the revetment, and after major storm events.

Other

Other key points of the recommended programmes include:

- The timing of the annual surveys should be standardised to the end of the winter so that they follow the period of maximum potential annual erosion;
- The need to continue the various monitoring surveys be reviewed at appropriate times, reflecting the long-term nature of some of the effects being monitored;
- The consent holder should follow standardised data collection and naming procedures for the various types of monitoring (refer to Todd, 2004); and
- Independent five-yearly audits of survey data should be undertaken by a coastal scientist to determine the nature and scale of effects of the structures.

NPDC needs to ensure that works are notified to the Council prior to taking place (usually 48 hours or seven days as stipulated in consent conditions), this should be as an email to worknotification@trc.govt.nz, and will ensure that Council staff can inspect the work during construction/maintenance (if required, for example certain consent conditions for silt input etc. are imposed) and following construction/maintenance to ensure there are no environmental effects of the works, and that work has been carried out as proposed.

In summary, it is recommended that each programme should include the following standard features:

- A baseline “as-built” survey of the current structure;
- Annual site inspections and photographs by Council staff;
- Topographic, or other surveys, where applicable, as discussed above;
- Annual reporting by the consent holder of maintenance undertaken; and
- Annual audit by Council staff of information provided on behalf of the consent holder.

3.3 Evaluation of performance

A summary of NPDC's compliance record for the year under review is set out in Tables 3 - 41.

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
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	This plan has been incorporated into the future monitoring planned for 2016-2017	N/A
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	Notification Received	Yes
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		N/A
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		N/A
Overall assessment administrative performance in respect of this consent		N/A

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
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

Condition requirement	Means of monitoring during period under review	Compliance achieved?
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 7007-1 rip-rap seawall at Urenui

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent to be undertaken in accordance with application	Inspections	Yes, ongoing maintenance required
2. Consent holder to provide Design and Construction Management Plans prior to construction	Provided	Yes
3. Landward position of the wall to be determined prior to commencement of works		N/A
4. Construction of the structure to commence from the eastern end		N/A
5. Notification prior to and following construction and any maintenance works		N/A
6. Erection of warning notices		N/A
7. Public access to be retained as much as practicable		N/A
8. BPO to avoid or minimise discharges and disturbance		N/A
9. The construction shall occur at suitable times according to tide		N/A
10. Area and volume of foreshore disturbance to be minimised		N/A
11. Excavated loose beach material not to be used for construction purposes		N/A
12. Public access to be retained landward of structure		N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
13. Landscaping plan for Urenui Domain to be provided prior to exercise of consent	Provided	Yes
14. Works to cease upon discovery of archaeological remains		N/A
15. Structure to be removed and area reinstated if and when no longer required		N/A
16. Consent lapse after eight years if not given effect to		N/A
17. Review of consent	Consent expired 1 June 2015 Structure currently covered under consent 5761-2	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

Onaero

Table 11 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 12 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		N/A
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	Next scheduled in June 2016, 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

Waitara**Table 13** 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
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 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	Notification received	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 2012, 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 15 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 16 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

Condition requirement	Means of monitoring during period under review	Compliance achieved?
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 17 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		N/A
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
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

Bell Block

Table 18 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		N/A
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 19 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
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 20 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	Notification received	Yes
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 21 Summary of performance for Consent 7442-1 footbridge over the Waiwhakaiho

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	Notification received	Yes
3. Area and volume of disturbance minimised	Inspections	Yes
4. Sediment disturbance minimised	Inspections	Yes
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

Fitzroy and East End

Table 22 Summary of performance for Consent 4523-1 seawall - 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
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 23 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 24 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
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 25 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 out let 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 26 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	No notification received	N/A
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 27 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	Notification prior to construction received, no notification during period under review	Yes
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 28 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 29 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	Yes
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 30 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

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	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 31 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 32 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. Consent holder to provide plan of structure	Not received	No
2. Consent holder to notify Council prior to undertaking major maintenance		N/A
3. Consent holder to provide management strategy	Report ' A review of design and construction aspects of the New Plymouth walkway' received in November 2006	Yes
4. Structure to be maintained to satisfaction of Council	Inspections	Yes
5. Consent holder to notify Council prior to major maintenance		N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
6. Structure to be removed, if and when no longer required		N/A
7. 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		Good

N/A = not applicable

Table 33 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 34 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 35 Summary of performance for Consent 6553-1 boat ramp at Paritutu/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 36 Summary of performance for Consent 4583-2 to erect, place and maintain rock boulder protection works, and to occupy coastal space at the mouth of the Oakura River

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 37 Summary of performance for Consent 4584-2 boat ramp, foreshore protection works and other 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 38 Summary of performance for Consent 5223-3 stormwater outfall structure, including 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 39 Summary of performance for Consent 5412-3 boulder rip rap protection at 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

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 40 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?
4. Any changes to the structure require authorisation	Inspection	N/A
5. Structure maintained to the satisfaction of the Council	Inspection	Yes
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 41 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	Inspections	Yes
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	Inspections	Yes
5. Timing of works	Inspections	Yes
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 period under review, NPDC demonstrated a high level of environmental and high level of administrative performance with the resource consents as defined in Section 1.1.4.

This rating takes into consideration performance in relation to compliance with consent conditions. At Urenui Beach adverse effects of the structure authorised by permit 7007 resulted in severe erosion during May 2016. Such end effects are not covered by the consent conditions of permit 7007 but are included within the Regional Coastal Plan Policy 6.1 (b) which states:

POL 6.1 A new structure or extension of an existing structure should:

(b) not cause significant foreshore or seabed erosion by reflecting or refracting wave energy.

As discussed further in Section 3.1.1 NPDC have applied for a consent to extend the seawall at Urenui Beach. This consent is currently being assessed.

During the period under review there were no major incidences of non-compliance with consent conditions.

3.4 Recommendations from the 2014-2015 Report

In the 2012-2014 report, it was recommended:

1. THAT 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 additional visits and photographs should be taken following any alterations or additions, and after major storms.
3. THAT annual topographical surveys are undertaken by NPDC at Urenui, Onaero, Waitara, Bell Block, Waiwhakaiho, Fitzroy/East End and Oakura, as described in section 3.2, and that the 'as built' survey for the Tongaparutu groynes and the report on the status of coastal erosion along Urenui Beach be submitted in the same period.
4. THAT five-yearly surveys to assess down-cutting of the shore/mudstone platforms are undertaken at Onaero and New Plymouth. Along with a five-yearly survey of movements of individual rocks in the revetment.
5. THAT ten-yearly aerial photography is undertaken at Onaero and Bell Block.
6. THAT NPDC should notify the Council via email to worknotification@trc.govt.nz prior to and following any maintenance work on coastal structures.
7. 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).

8. THAT the option for a review of resource consent(s) 4584-2 in June 2013, as set out in condition 6 of the consent, not be exercised, on the grounds that current conditions are adequate for the protection of the environment.

These recommendations were implemented as appropriate during the year under review.

3.5 Alterations to monitoring programmes for 2016-2017

In designing and implementing the monitoring programme for coastal structures in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the Act, the obligations of the Act in terms of monitoring coastal structures and effects, and subsequently reporting to the regional community, the scope of assessments required at the time of renewal of permits, and the need to maintain a sound understanding of coastal processes within Taranaki.

In the case of coastal structures in the New Plymouth District, the programme for 2015-2016 was unchanged from that for 2014-2015. It is proposed that for the 2017-2018 programme the suggested changes regarding recommendations from the Tonkin and Taylor report and surveying begin as soon as possible.

4. Recommendations

As a result of the 2015-2016 monitoring programme it is recommended:

1. THAT 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 additional visits and photographs should be taken following any alterations or additions, and after major storms.
3. THAT annual topographical surveys are undertaken by NPDC at Urenui, Onaero, Waitara, Bell Block, Waiwhakaiho, Fitzroy/East End and Oakura, as described in section 3.2, and that the as built survey for the Tongaparutu groynes and the report on the status of coastal erosion along Urenui Beach be submitted in the same period.
4. THAT a five-yearly survey to assess down-cutting of the shore/mudstone platforms is undertaken at Onaero and New Plymouth. Along with a five-yearly survey of movements of individual rocks in the revetment.
5. THAT ten-yearly aerial photography is undertaken at Onaero and Bell Block.
6. THAT NPDC should notify the Council via email to worknotification@trc.govt.nz prior to and following any maintenance work on coastal structures.
7. 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).

Glossary of common terms and abbreviations

The following abbreviations and terms are used within this report:

g/m ³	Grams per cubic metre, and equivalent to milligrams per litre (mg/L). In water, this is also equivalent to parts per million (ppm), but the same does not apply to gaseous mixtures.
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.

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Taranaki Regional Council, 2015: NPDC Coastal Structures Monitoring Programme Report
2014-2015. Technical Report 2015-113.

Appendix I

Resource consents held by NPDC
(For a copy of the signed resource consent
please contact the TRC consent department)

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

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.

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

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

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 13 May 2008
Date:

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

Decision Date 06 August 2014

Commencement Date 06 August 2014

Conditions of Consent

Consent Granted: To occupy the Coastal Marine Area with a discharge pipe
from the New Plymouth Aquatic Centre

Expiry Date: 01 June 2032

Review Date(s): June 2020, June 2026

Site Location: Tisch Avenue, New Plymouth

Legal Description: Adjacent to Pt Sec E Tn of New Plymouth

Grid Reference (NZTM) 1692028E-5676596N

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 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 06 August 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: 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

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

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.

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

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

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

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 as
part of the New Plymouth wastewater treatment system

Expiry Date: 01 June 2041

Review Date(s): June 2020, June 2026, June 2032, June 2038

Site Location: 115 Rifle Range Road, Waiwakaiho

Legal Description: Secs 5-6 SO 314271 Pt Sec 224 Hua Dist Blk II Paritutu SD
(Site of structure)

Grid Reference (NZTM) 1696272E-5679362N

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 and as required in the conditions of any consent to discharge through it.
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 and/or June 2032 and/or June 2038, 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: 27 May 2008

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
Date: 11 May 2009

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

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

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 & Methanex Motunui Ltd
Private Bag 2025
NEW PLYMOUTH 4340

Consent Granted
Date: 14 September 2007

Conditions of Consent

Consent Granted: To erect, place and maintain a structure [known as the
"Waitara Marine Outfall"] and to occupy the associated
space in the coastal marine area at or about
2615700E-6246700N

Expiry Date: 1 June 2021

Review Date(s): June 2009, June 2015

Site Location: Tasman Sea

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 structure authorised by this consent is as shown in drawing DR-960312-005 [prepared by OCEL Consultants Ltd and provided with the application]. The consent holder shall ensure that at all times the structure is maintained to standard fit for the purpose it was designed and substantially in accordance with drawing DR-960312-005.
- 2. That the consent holders shall notify the Taranaki Regional Council at least 24 hours prior to undertaking any maintenance works. 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. 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 14 September 2007

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: 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

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

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 18 March 2008
Date:

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 boulder rip rap
minor toe protection at the mouth of the Wairau Stream for
coastal erosion control purposes

Expiry Date: 01 June 2048

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

Site Location: 1 Messenger Terrace, Oakura

Legal Description: Adjacent to Lot 1 DP 7538 (Site of structure)

Grid Reference (NZTM) 1681958E-5669961N

Catchment: Tasman Sea
Wairau

*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.
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.

Consent 6525-1

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 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.

Consent 6553-1

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, 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

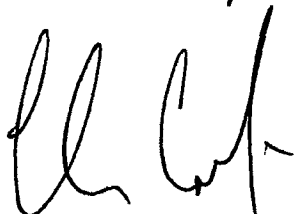
RESTRICTED COASTAL ACTIVITY

SAR -05-49-03-05

Taranaki Regional Council permit/application no. 4425

Pursuant to the provisions of section 119 of the Resource Management Act 1991, I Chris Carter, Minister of Conservation, hereby grant to New Plymouth District Council restricted coastal activity permit SAR-05-49-03-05 to authorise the erection, placement and maintenance of a 311 metre rock rip-rap seawall, and associated occupation of the coastal marine area, to the west of and adjacent to the existing seawall at Urenui Beach, North Taranaki at or about co-ordinates Q19:304-452 to Q19:306-453, in accordance with section 12(1)(b) of the Resource Management Act 1991, for a period until 1 June 2015 with provision for review in June 2009 and/or June 2012, and in accordance with the information supplied with the application, and subject to the attached conditions of consent.

Dated at *Wellington* this *6th* day of *September* 2007



Hon Chris Carter MP
Minister of Conservation



Office of Hon Chris Carter
MP for Te Atatu
Minister of Conservation
Minister of Housing
Minister for Ethnic Affairs

- 6 SEP 2007

Mr McLellan
Manager Consents
Taranaki Regional Council
Private Bag 713
STRATFORD 4352

Taranaki Regional Council Document No: 1 0 SEP 2007 Document No of Reply:

Dear Mr McLellan

Attached for your information is a copy of the coastal permit that I have recently granted to New Plymouth District Council to construct a rock rip-rap seawall in the coastal marine area at Urenui Beach, North Taranaki in accordance with s.12(1)(b) of the Resource Management Act 1991.

I have made the permit subject to the conditions recommended by the Hearing Committee of Taranaki Regional Council.

The reasons for my decision are the same as those advanced by the Hearing Committee.

Council might like to consider whether a permit to disturb the foreshore and seabed in terms of s.12(1)(c) is also required as part of the seawall project.

Yours sincerely

Hon Chris Carter MP
Minister of Conservation

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 4425. In the case of any contradiction between the documentation submitted in support of application 4425 and the conditions of this consent, the conditions of this consent shall prevail.
2. The consent holder shall submit the following plans for approval of the Chief Executive, Taranaki Regional Council, at least 15 working days prior to exercise of this consent:
 - a) Detailed plans showing that the final design is consistent with information submitted with application 4425, with a re-evaluation of rock armour size and allowance for sea level rise and possible seabed level adjustment.
 - b) A Construction Management Plan outlining the volume and location of material to be disturbed, location of temporary set down areas, the construction sequence and measures for sediment control and management;
 - c) The Plan in condition 2(b) shall also address the timing and methods of construction to demonstrate compliance with condition 7 as well as matters of public safety.
3. The landward position of the wall shall be determined by survey to the satisfaction of the Chief Executive, Taranaki Regional Council, prior to the commencement of works.
4. The construction of the structure shall commence from the eastern end adjacent to the existing structure. Should the wall be constructed in stages, only two stages shall be permitted, the first extending between 100 metres and 165 metres from the end of the existing wall and including the boat ramp and access way.

5. The consent holder shall notify the 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 construction, and maintenance works which would involve disturbance of or deposition to the foreshore or seabed or discharges to the coastal marine area. 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 if the consent holder does not have access to email.
6. The consent holder shall erect advice notices at both ends of the construction area. These notices shall provide warning of the construction activities noting any precautions that should be taken, as well as advising the period(s) during which these activities will be occurring and public access restricted. The notices shall be erected at least ten working days prior to the commencement of the works and shall remain in place for the duration of the works before being removed on completion of the works.
7. The consent holder shall ensure that unrestricted public access along the reserve or adjacent beach is maintained to the greatest extent practicable, with the exception of such construction times and areas where safety of the public would be endangered as a result of the works being undertaken.
8. 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 foreshore or seabed and to avoid or minimise the disturbance of the foreshore and seabed and any adverse effects on water quality.
9. The construction of the works shall occur at such stages of the tide so as to not occur within, or be impacted or affected by, the ebb and flow of seawater.
10. The consent holder shall ensure that the area and volume of foreshore disturbance shall, so as far as practicable, be minimised and any areas which are disturbed shall, so far as practicable, be reinstated.
11. The excavated loose unconsolidated beach material shall be used only for foreshore reinstatement purposes seaward of the structure, and shall not be used for construction purposes. Further, all excavated basement rock shall be used for foundation reshaping or be removed from the coastal marine area.
12. The consent holder shall retain public access immediately landward of the structure licensed by this consent.
13. Prior to the exercise of this consent the consent holder shall provide a landscaping and planting plan for the Urenui Domain area behind the seawall licensed by this consent and the area to the existing boat ramp, bounded by the motor camp, to enhance the amenity values of Urenui Beach and Urenui Estuary. The plan shall be provided to the Chief Executive Officer of the Taranaki Regional Council for approval and this approval shall not be unreasonably withheld. The total value of the works in the landscaping plan

shall be no less than \$10,000 (plus good and services tax) and works may be spread over two years.

14. 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.
15. 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 removal and reinstatement and ensure that all relevant requirements of the Resource Management Act 1991 are met.
16. This consent shall lapse on the expiry of eight 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.
17. 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 2012, 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.

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: 12 March 2008

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

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

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 (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

