



## Notice of Requirement – Detention Bunds (on/partially on land owned by other parties)

New Plymouth District Council gives notice of its requirement for the following designations for a public work (or in respect of any land, water, subsoil, or airspace where a restriction is necessary for the safe or efficient functioning or operation of a public work) under **Sections 168A, 181(4)** and **Form 20** of the Resource Management Act 1991.

New designations	Yes
Lapsed designations requiring a new designation	N/A

### 1. Introduction

The New Plymouth District Council (as Requiring Authority) is seeking to designate existing detention bunds on or partially on land owned by other parties in order to increase public awareness of the assets, streamline any future work in accordance with the designated purpose, being 'Structure to Impound Water/ Flood Protection' and effectively provide for the long term protection of these assets.

### 2. The sites to which the requirement applies are as follows:

Reference	Designated purpose	Description	Location	Legal Description
NPDC-103	Structure to Impound Water/ Flood Protection	Waimea St Detention Bund	Waimea Street	Lot 2 DP 353114
NPDC-104	Structure to Impound Water/ Flood Protection	Rugby Park Detention Bund	Clawton Street	Pt Lot 5 DP 10725 & Lot 2 DP 15912 - BAL OF LAND
NPDC-113	Structure to Impound Water/ Flood Protection	Brois Street Detention Bund	Pembroke Street, Westown	Lot 1 DP 13534, Lot 6 DP 9380

### 3. The nature of the proposed work is:

The New Plymouth District Council seeks to designate land which contains existing infrastructure for the purpose of 'Structure to Impound Water/ Flood Protection'.

### 4. The nature of the proposed conditions that would apply is:

The New Plymouth District Council (NPDC) must consult with the Taranaki Regional Council (TRC) prior to undertaking any excavation work on TRC land or on a TRC asset. In addition NPDC must



consult with the TRC prior to excavating over 0.5m in depth and/or 4m<sup>2</sup>, or installing any new temporary or permanent ground mounted structure, within 5m of a TRC asset. This applies even if the subject land is designated for NPDC purposes.

5. The effects that the public work will have on the environment, and the ways in which any adverse effects will be mitigated, are:

**NPDC-103 Waimea Street Detention Bund**



Figure 1: Waimea Street Detention Bund designation boundaries

The site to which the proposed designation relates is located within the Residential Environment Area and Flood Hazard area within the Operative District Plan. The site is located within the grounds of Francis Douglas Memorial College and is adjoined by residential dwellings at lower contours to the east.

The site contains an existing detention bund located along the eastern site boundary separating the school fields from the residential dwellings below and to the east. The bund was built in the 1980's to provide a temporary buffer to peak flows on a waterway or within a sub-catchment by detaining and storing flood flows to a designed peak.



### ***Visual Effects***

As the infrastructure already exists the designation of the site will not result in a change to the existing use of the site that would give rise to any adverse effects on character and amenity.

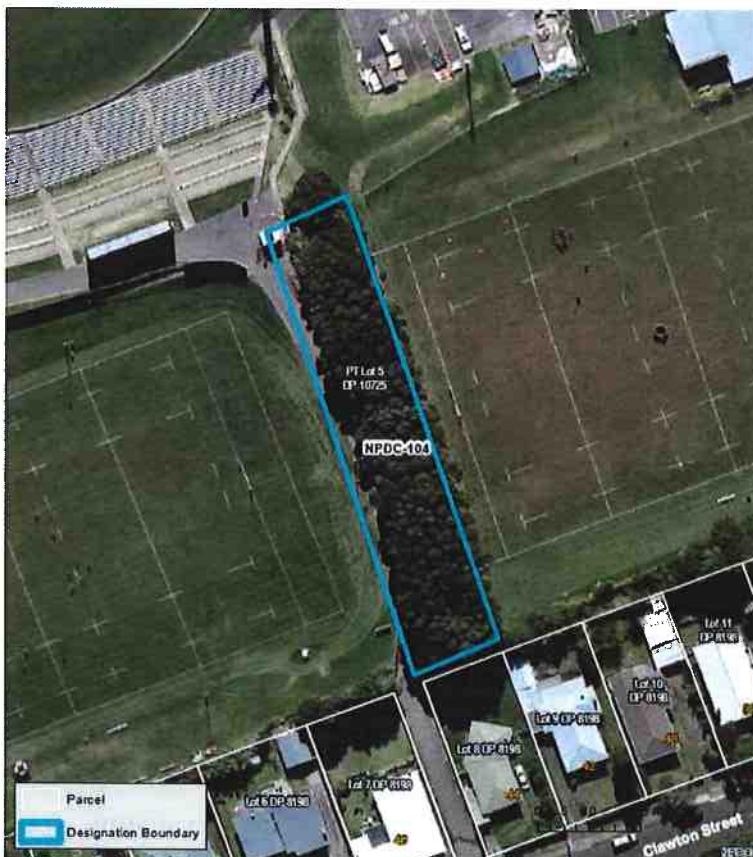
### ***Noise***

The infrastructure includes a detention bund only and therefore no noise is generated from this existing asset other than periodic maintenance vehicles.

### ***Traffic and Parking***

Access to the site is gained via Tukapa Street. Vehicle movements associated with the detention bund are limited to maintenance which occurs at least once a month. The designation of the site will not generate additional vehicle movements to the site or result in a change to the existing access arrangement. As the infrastructure already exists the designation of the site will not impact adversely on traffic or parking.

### **NPDC-104 Rugby Park Detention Bund**



*Figure 2: Rugby Park Detention Bund designation boundaries*

The site to which the proposed designation relates is located within the Open Space A Environment Area in the Operative District Plan. The site is located within the grounds of Rugby





Park and runs north to south between two rugby fields, ending near the Clawton Street entrance.

The bund was built in 2002 to provide a temporary buffer to peak flows on a waterway or within a sub-catchment by detaining and storing flood flows to a designed peak.

### ***Visual Effects***

As the infrastructure already exists the designation of the site will not result in a change to the existing use of the site that would give rise to any adverse effects on character and amenity.

### ***Noise***

The infrastructure includes a detention bund only and therefore no noise is generated from this existing asset other than periodic maintenance vehicles.

### ***Traffic and Parking***

Access to the site is gained via an existing access way from Clawton Street. Vehicle movements associated with the detention bund are limited to maintenance which occurs at least once a month. The designation of the site will not generate additional vehicle movements to the site or result in a change to the existing access arrangement. As the infrastructure already exists the designation of the site will not impact adversely on traffic or parking.

### **NPDC-113 Brois Street Detention Bund**



*Figure 3: Brois Street Detention Bund designation boundaries (blue)*



The site to which the proposed designation relates is located within the Open Space B Environment Area and the southern part of the site is subject to the Flood Hazard Zone in the Operative District Plan.

The site is located within the Salaman Simpson Reserve and contains an existing detention bund which was established in the 1970's to provide a temporary buffer to peak flows on a waterway or within a sub-catchment by detaining and storing flood flows to a designed peak.

### ***Visual Effects***

As the infrastructure already exists the designation of the site will not result in a change to the existing use of the site that would give rise to any adverse effects on character and amenity.

### ***Noise***

The infrastructure includes a detention bund only and therefore no noise is generated from this existing asset other than periodic maintenance vehicles.

### ***Traffic and Parking***

Access to the site is gained via Pembroke Street. Vehicle movements associated with the detention bund are limited to maintenance which occurs at least once a month. The designation of the site will not generate additional vehicle movements to the site or result in a change to the existing access arrangement. As the infrastructure already exists the designation of the site will not impact adversely on traffic or parking.

### **District Plan Objectives and Policies**

The proposal will not be inconsistent with the National, NZ Coastal, Regional Policy Statements, Proposed Regional Policy Statements, District Plan or Proposed District Plan.

The following objectives and policies of the Operative District Plan are considered of relevance in regard to the proposed designations:

### ***Character and Amenity***

- *Objective 1: To ensure activities do not adversely affect the environmental and amenity values of areas within the district or adversely affect existing activities.*
- *Policy 1.1: Activities should be located in areas where their effects are compatible with the character of the area.*
- *Policy 1.2: Activities within an area should not have adverse effects that diminish the amenity of neighbouring areas, having regard to the character of the receiving environment and cumulative effects.*

As outlined above, the designations relate to sites containing detention bunds which have already been established. As these are existing assets which have already been established the designation of the site will not result in adverse effects on the character or amenity of the surrounding area. Given this, compliance with objective 1 and policies 1.1 and 1.2 will be achieved.



Long term protection of the existing detention bunds through designation will result in positive effects on public safety due to the reduced risk of flooding.

**6. Alternative sites, routes, and methods have been considered to the following extent:**

No alternative sites, routes or methods have been considered as the proposed designations relate to sites containing existing infrastructure.

**7. The public work and designation (or alteration) are reasonably necessary for achieving the objectives of the territorial authority because:**

Consideration must be given as to whether the work and designation are reasonably necessary for achieving the objectives of the requiring authority.

The designations are for the purpose of protecting existing structures to impound water (detention bunds). The bunds are necessary to be able to provide sufficient flood protection measures to protect the local community in accordance with the Local Government Act 2002. This Act identifies one of the core services of the local authorities as being the avoidance or mitigation of natural hazards (Part 2, Section 11A(d)). The long term protection of this existing flood protection infrastructure will be in accordance with the Local Government Act.

The 2018-2028 Long Term Plan for the New Plymouth District highlights the role of flood protection and control works in protecting urban areas when the stormwater system becomes overloaded with rain. Increased and more intense rainfall over time is likely to increase the frequency of stormwater system overloads. The Long Term Plan identifies the need to build resilience to address this issue.

The designations will provide for the long-term protection of existing flood protection assets in line with the Long-Term Plan for New Plymouth District Council.

**8. The following resource consents are needed for the proposed activity and have (or have not) been applied for:**

No resource consents are required for the proposed activity.

**9. The following consultation (or No consultation) has been undertaken with parties that are likely to be affected:**

The following parties being the landowners of the affected properties are considered to be affected by the proposed designations:

Reference under Operative Plan	Property Address	Landowner	Legal Description
NPDC-103	201 Tukapa St, Westown	Trust Board of the Brothers of the Christian Schools in New Zealand, FRANCIS DOUGLAS MEMORIAL	Lot 2 DP 353114



NPDC-104	6A Maratahu Street, Westown	YARROW STADIUM TRUST BOA, TARANAKI SPORTS TRUST	Pt Lot 5 DP 10725 & Lot 2 DP 15912 - BAL OF LAND
NPDC-113	97 Pembroke Street, Westown	NEW PLYMOUTH DISTRICT CO	Lot 1 DP 13534, Lot 6 DP 9380

**10. The New Plymouth District Council attaches the following information required to be included in this notice by the district plan, regional plan, or any regulations made under the [Resource Management Act 1991](#).**

N/A

Authorised by

David Langford (Infrastructure Manager)  
on behalf of New Plymouth District Council

Date

12/8/19

