



## Notice of Requirement – Detention Bunds (on Council owned land)

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 Council owned land 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	Site ID	Location	Legal Description
NPDC-102	Structure to Impound Water/ Flood Protection	Magnolia Drive Detention Bund	Magnolia Drive	Lot 36 DP 407545
NPDC-105	Structure to Impound Water/ Flood Protection	Huatoki Street Detention Bund	Huatoki Street/ Fernbrook Drive	Legal Road Reserve (Huatoki Street)
NPDC-106	Structure to Impound Water/ Flood Protection	Highlands Park Detention Bund	Ainslee Street	Lot 1 DP 360878, Lot 149 DP 12806
NPDC-118	Structure to Impound Water/ Flood Protection	Sutherland Park Detention Bund	Fernleigh Street	Lot 1 DP 11769
NPDC-119	Structure to Impound Water/ Flood Protection	Vogeltown Park Detention Bund	Vogeltown Park Road	Lot 10 DP 4675

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

The New Plymouth District Council seeks to designate land which contains existing detention bunds. The designation of these sites is for the purpose of providing for the long-term protection of this existing infrastructure and to increase its visibility within the District Plan.



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

No conditions are deemed necessary given the nature of the designations and the infrastructure already being established on the site.

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-102 Magnolia Drive Detention Bund**



Figure 1: Magnolia Drive Detention Bund designation boundaries

The site to which the proposed designation relates is located within the Residential A Environment Area in the Operative District Plan. The site adjoins residential development on all sides with a small amount of road frontage.

The site contains an existing detention bund located central to the site which was established in 2004. This earth bund provides a temporary buffer to peak flows on a waterway or within a sub-catchment by detaining and storing flood flows to a designed peak.

The designation of the site is for the purpose of providing for the long-term protection of existing flood protection infrastructure owned by the New Plymouth District Council.



### **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 access track from Magnolia Drive. Vehicle movements to the site 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-105 Huatoki Street Detention Bund**



Figure 2: Huatoki Street Detention Bund designation boundaries

The site to which the proposed designation relates is located within the legal road reserve (Huatoki Street) in the Operative District Plan. The site adjoins residentially zoned land on all



boundaries. The site contains an existing detention bund which was established on the site circa 1960. This earth bund provides a temporary buffer to peak flows on a waterway or within a sub-catchment by detaining and storing flood flows to a designed peak.

The designation of the site is for the purpose of providing for the long-term protection of existing flood protection infrastructure owned by the New Plymouth District Council.

#### ***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 access track from Huatoki Street. Vehicle movements to the site 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-106 Highlands Park Detention Bund



Figure 3: Highlands Park Detention Bund designation boundaries

The site to which the proposed designation relates is located within the Open Space B Environment Area in the Operative District Plan. The site contains an existing detention bund which was established on the site in 2005 and is located within the Branch Road Reserve. This earth bund provides a temporary buffer to peak flows on a waterway or within a sub-catchment by detaining and storing flood flows to a designed peak.

The designation of the site is for the purpose of providing for the long-term protection of existing flood protection infrastructure owned by the New Plymouth District Council.

#### **Visual Effects**

The bund is central to the site and is set back from residential development to the east and west of the site. 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 access track through the Branch Road Reserve. Vehicle movements to the site 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-118 Sutherland Park Detention Bund**



*Figure 4: Sutherland 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 sits within the western portion of Sutherland Park located to the west of Fernleigh Street.

The site contains an existing detention bund which was established on the site circa 1975. The designation of the site is for the purpose of providing for the long-term protection of existing flood protection infrastructure owned by the New Plymouth District Council.

The designation of the site is for the purpose of providing for the long-term protection of existing flood protection infrastructure owned by the New Plymouth District Council.



### **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 access track from Fernleigh Street. Vehicle movements to the site 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-119 Vogeltown Park Detention Bund**



Figure 5: Vogeltown 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 contains an existing detention bund located within Vogelstown Park which was established on the site in the 1990's.

The designation of the site is for the purpose of providing for the long-term protection of existing flood protection infrastructure owned by the New Plymouth District Council.

#### ***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 access track from Vogelstown Park Road. Vehicle movements to the site 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 or 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, all designations relate to sites within which infrastructure has already been established. As the infrastructure has already been established the designation of the sites will not result in adverse effects on the character or amenity of the surrounding areas. 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 designations are reasonably necessary for achieving the objectives of the requiring authority.

The designations are for the purpose of protecting existing 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. 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 a need to build resilience to address this issue.

For the following reasons it was considered appropriate to pursue designations:

- The designations will enable flexibility to modify infrastructure at later stages as may be required due to changing requirements or new technology;
- The designations will allow land required for the works to be identified in the District Plan, clearly indicating the intended use of the land and;
- The designations will prevent land uses and/or development that may hinder or prevent the works.

The designation 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:**



All sites relate to properties that are owned by the New Plymouth District Council. All designations are for sites containing existing infrastructure. Given this, no parties are deemed to be directly affected by the inclusion of these designations within the District Plan. The proposal will be consulted on during public notification of the Proposed District Plan.

- 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

05/08/19.