

# 1

## INTRODUCTION TO THE PLAN

### 1.8

#### Information required with applications for resource consents

##### 1.8.10

##### **Specific information accompanying applications for subdivision or development within the Erosion Hazard Area of Mangaroa River catchment**

- (a) Provision of a report by a suitably qualified and experienced person is required to determine the erosion risk to the proposed building platform or area of works in order to determine the effect of the proposal in accordance with Schedule 4 of the RMA;

##### 1.8.11

##### **Specific information accompanying applications for subdivision or development within the Pinehaven Catchment Overlay**

Provision of a report by a suitably qualified and experienced person assessing the ability for the site to achieve hydraulic neutrality including;

Either;

- Full catchment hydrological and hydraulic analysis using the GWRC baseline information to demonstrate hydraulic neutrality for the 1 in 10 year and 1 in 100 year flood event including climate change. This would include;
  - Existing pre-development situation calibrated to GWRC baseline information;
  - Design of mitigation infrastructure;
  - Future development scenario model with mitigation infrastructure to demonstrate no increase in downstream flood flows at any point in the catchment.

Or;

- Site Based Assessment, which would include;
  - Hydrological analysis for existing pre-development scenario;
  - Post-development scenario to mitigate design flows to 80% of pre-development flows for 1 in 10 and 1 in 100 year event including climate change.

**Note 1:** The full catchment approach would generally only be expected for large comprehensive developments.

**Note 2:** Reducing floods flow to 80% of the pre-development flood flows is to mitigate risks associated with changing the timing and coincidence of peak and recession flows from sub-catchments which, without mitigation could result in net increases in downstream peak flows.

**Note 3:** The 2012 Wellington Regional Standard for Water Services and the Wellington Regional Hydrological Guidelines shall be applied to the hydrological analysis.

### 1.8.192

#### **Further guidance on information requirements**

Depending on the nature and scale of the proposal, consultation may be required with the following parties:

- a. Persons likely to be adversely affected by the proposed activity
- b. The Department of Conservation
- c. Pouhere Taonga – Heritage New Zealand
- d. Iwi authorities
- e. New Zealand Transport Agency
- f. Other relevant authorities or organisations