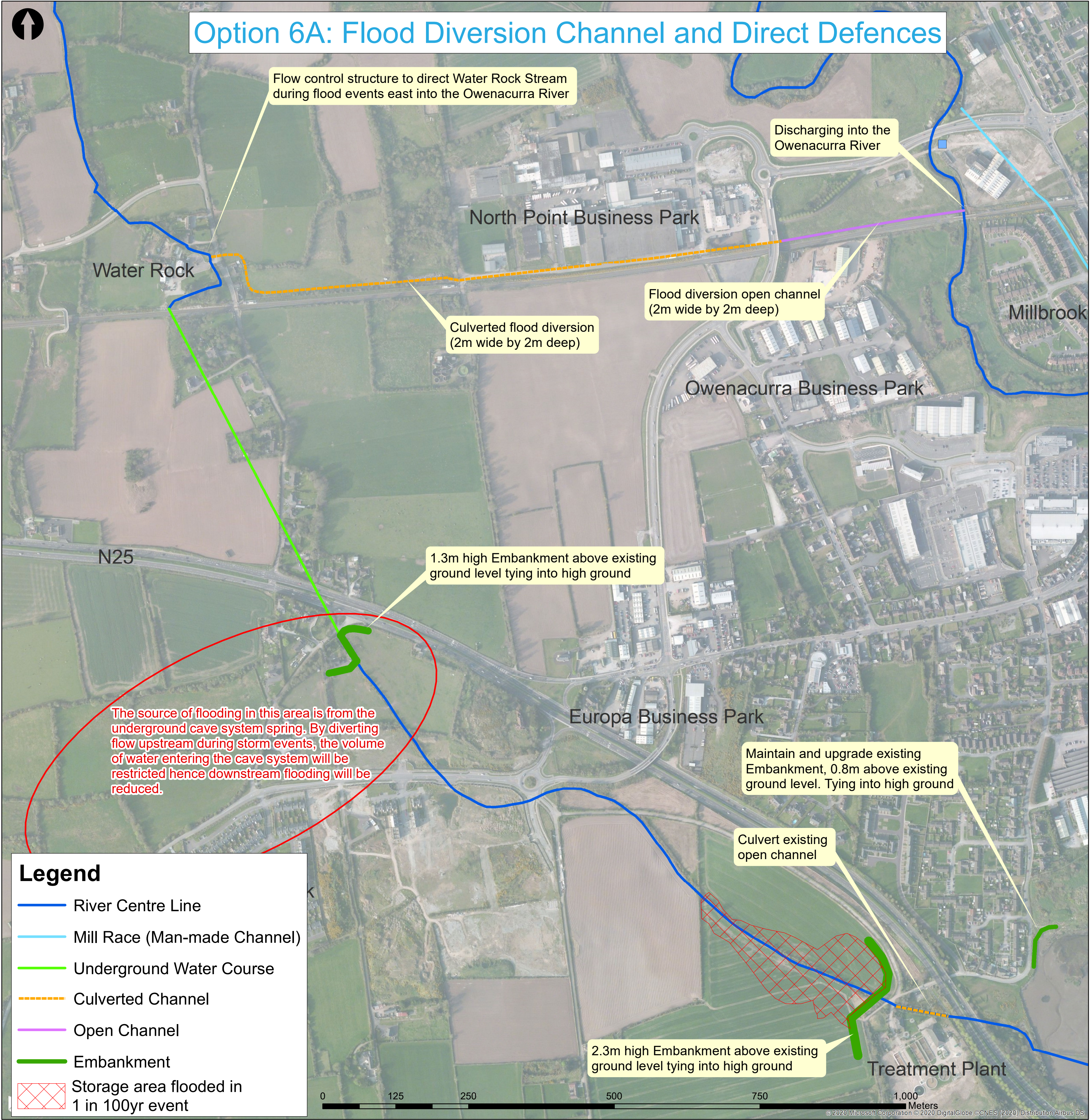
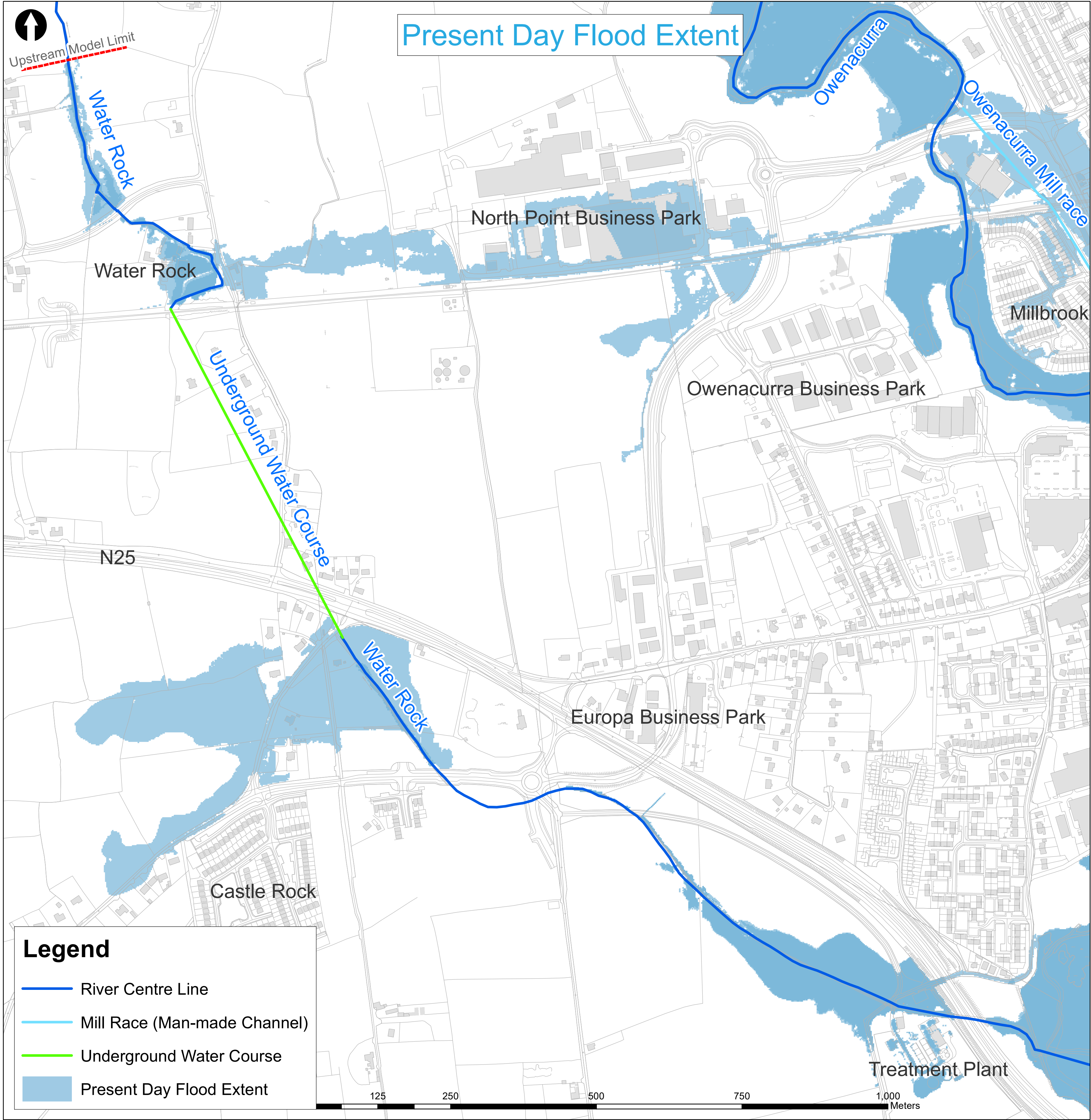


Area 6: Water Rock (including Dwyer’s Road) Option



Option 6A- Flood Diversion Channel and Direct Defences

Description

This option involves the construction of flood diversion channel/culvert to divert the watercourse during a flood event, and direct defences downstream.

In this area, the main proposed works are as follows:

- Flood Diversion Channel and Culvert from Water Rock stream to Owenacurra
- Upgrade of existing Embankment at Dwyer’s Rd., (typ. 0.8m high)

Estimated Project Cost for Area 6:
€14-15 million

Constraints

Biodiversity/Water Quality

Construction works have the potential to result in:

- Tree Removal where bankside works proposed
- Impact on Bat and Bird Habitat where tree/scrub removal proposed
- Impact on Water Quality of river where instream works proposed
- Impact on Fisheries Habitat where instream works proposed
- Impact on the **Cork Harbour SPA** and **Great Island Channel SAC** due to construction works for upgrade of existing embankment at Dwyer’s Rd.

Visual

Potential for visual impacts to nearby residents due to Tree Removal and location of Flood Defences

Archaeological/Architectural Heritage

Proposed works will not impact on any known/recorded archaeological or architectural sites in this area.