

Waikato District Structure Plans

The following maps have been developed to provide a high level overview of the potential stormwater solutions proposed within the Ngaaruawaahia and Taupiri Structure Plan areas.

MORPHUM
environmental

Waikato
DISTRICT COUNCIL

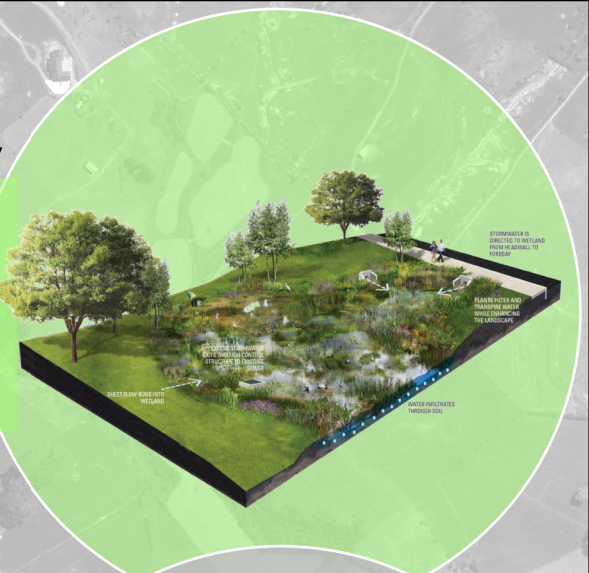
TE MIRO.
WATER

Ngaaruawaahia Structure Plan

High Level Stormwater Mitigation Options

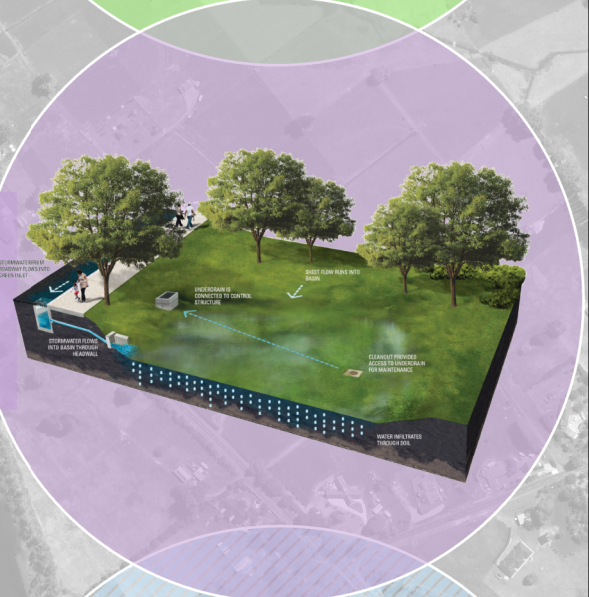
Water Quality

Stormwater treatment devices are specialized systems designed to manage and improve the quality of stormwater runoff in urban and industrial areas. They play a pivotal role in preventing pollutants, contaminants, and sediments from entering natural waterways, thus reducing the negative environmental impacts associated with stormwater discharge. These devices come in various forms and sizes, each tailored to address specific water quality concerns and local conditions.



Storage

Flood storage basins will be adopted as part of the structure plans as a crucial water management strategy designed to mitigate the impact of floods on communities and the environment. Flood storage basins provide temporary storage areas to contain excess rainwater and are typically located as part of parks or sport fields.



Waterway Enhancement

Waterway enhancement, in the context of water quality and stormwater mitigation, refers to a set of strategies and practices aimed at restoring or improving the natural features and functions of water bodies such as streams and wetlands. These enhancements are carried out to improve water quality, mitigate the impact of stormwater runoff, and promote healthier aquatic ecosystems. Waterway enhancement can involve ecosystem restoration, vegetation management, and engineered solutions designed to mimic or enhance natural hydrological processes.



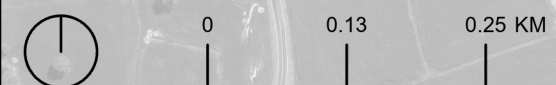
100 Year + Climate Change Flood Extent MPD Scenario

Stormwater Mitigation Option



100 Year + Climate Change Flood Extent MPD Scenario

Stormwater Mitigation Option



100 Year + Climate Change Flood Extent MPD Scenario

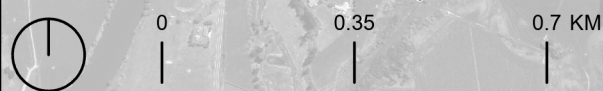
Stormwater Mitigation Option





Ngaaruawaahia and Taupiri Structure Plan

Proposed Roads and Parks



- Proposed Road Location
- Proposed Park Location