

2. Project Description

2.1 Overview

The Hinze Dam Stage 3 Project (the Project) involves the raising of the existing Hinze Dam located on the Nerang River at 36.4km AMTD. The dam is located approximately 15km south west of Nerang in the Gold Coast City Local Government Area. The proponent of the project is Gold Coast City Council.

The primary objectives of the project are:

- reduce flooding in the lower Nerang River catchment by increasing the flood mitigation capability of Hinze Dam;
- increasing the storage capacity of the dam and the water supply available from Hinze Dam; and
- ensuring the dam complies with current safety standards and guidelines.

The project and associated works to be delivered as part of the raising of the dam wall are summarised below:

- raising of embankments and saddle dams
- extension of the saddle dam;
- raising of the spillway;
- raising of the two intake towers;
- quarry establishment;
- vegetation clearing;
- re-establishment of recreation facilities;
- relocation of boat ramps;
- upstream fish transfer device;
- construction of site offices and amenities;
- upgrade of roads affected by increased full supply and flood levels of the dam; and
- replacement of the Pocket Road Bridge.

The construction works for the raising of the dam will be undertaken over a period of approximately 36 months with the majority of the works occurring in the immediate vicinity of the existing dam wall. Construction works will also occur at the upper intake tower where upgrading works are required to allow the intake tower to operate under the new dam level, within the road network surrounding the site, and at both the upstream eastern and western boat ramps.

2.2 Revised Project Area

Section 3.1 of the EIS identified the areas that will be impacted by the project, during both the construction and operational stages (Refer Figure 3-1 in the EIS). Since the preparation of the EIS, the Alliance has prepared detailed construction site layout and access plans. These plans have identified the need to re-align a section of the downstream haul road, where a portion will now be required to pass through an additional property outside the Community Infrastructure Designation (CID) boundary. **Figure 1** identifies the location of the proposed haul road route in relation to the additional property. The Alliance is currently negotiating the tenure arrangements directly with the landowner.