

## 1.1 BACKFILLING EXISTING DUGOUTS

### 1.1.1 General

Existing dugouts are located adjacent to or within the new right-of-way limits. The Contractor shall backfill some or all of these dugouts as directed by the Consultant. The location and number of existing dugouts, and source of embankment material will be as shown on the Drawings or as directed by the Consultant.

### 1.1.2 Construction

The Contractor is advised that some of the existing dugouts contain water. Prior to backfilling, the Contractor shall ensure all water is removed from the dugout to the satisfaction of the Consultant. The method and timing of pumping operations shall be subject to the approval of the Consultant. While pumping, the Contractor shall ensure that flooding, or damage to private property is avoided.

Embankment material shall be placed in a manner that allows normal machine compaction between successive 300 mm layers. The backfilled area shall be covered with a minimum 150 mm layer of topsoil, with the centre of the embankment filled to a level 5% of the maximum depth of pit above the surrounding ground level. The finished surface shall be tapered uniformly to the level of the surrounding terrain at the edge of the former pit.

The maximum depth of the existing dugout will be determined by the Consultant following completion of the pumping operations.

### 1.1.3 Measurement and Payment

The excavation required for backfilling dugouts, and topsoil placement will be measured and paid at the applicable unit prices bid for the classes of excavation incorporated into the Work.

Topsoil obtained from another borrow pit will be paid for at the unit price bid for "Borrow Topsoil Excavation". Topsoil obtained from within the right-of-way will be classified and paid for as "Common Excavation".

The Consultant may direct that the material excavated from the new dugout be used to backfill an existing dugout. If interim stockpiling of material is required to facilitate the pumping of water, payment for the applicable classification of excavation will be made each time the material is moved.

Pumping of water will be considered incidental to the Work and no separate or additional payment will be made.