



Part VIII Planning Report

To erect 2 Number 77,000L Bitumen Storage Tanks (height not to exceed 18m), 1 no. Electrical Substation, dedicated Winter Maintenance hard-standing and a revised site parking layout with changes to internal vehicular circulation and pedestrian routes at

**The Machinery Yard & Stores,
Shandon, Dungarvan, Co. Waterford.**

July 2017

Introduction.

This report is the Part VIII Planning Report relating to the proposed erection of 2 Number 77,000L Bitumen Storage Tanks (height not to exceed 18m), 1 no. Electrical Substation, dedicated Winter Maintenance hard-standing and a revised site parking layout with changes to internal vehicular circulation and pedestrian routes, at the Machinery Yard & Stores, Shandon, Dungarvan, Co. Waterford.

The storage of Bitumen is an integral part of the Machinery Yards Annual Road Works Programme and enables the Council to store and dispense Bitumen as and when required. Waterford City & County Council use two different types of Bitumen for its road maintenance activities.

Bitumen is bulk delivered by our suppliers in Articulated Tankers in typical volumes of 27,000 – 29,000 litres. Each tank will have sufficient capacity for two such deliveries at any one time and is heated electrically to maintain the temperature at the required levels.

Project Background.

The Machinery Yard & Stores, by virtue of the nature of the work they are engaged in, has always had the capacity to store bitumen. In recent years, storage has been provided by a long-term mobile heated storage Tanker and 2 Static Storage Tanks. The Static storage tanks were in continuous use for over 70 years and have since been decommissioned as they no longer complied with Health & Safety Regulations.

The provision of the new Bitumen Storage Tanks will render the mobile heated storage tank redundant.

Project Proposal.

It is proposed to erect 2 number 77,000L electrically heated Bitumen Storage Tanks. These tanks will be insulated and will have Grey external cladding (RAL 7047).

The height of the proposed Tanks will not exceed 18m when measured from existing ground level to the top of the handrail. (For reference, the apex of the existing Machinery Yard Workshop roof is approximately 12.5m above Ground Level).

Project Timetable.

It is hoped that new Tanks will be operational for the 2018 Annual Road Works Programme which will commence in May 2018.