

## FORM 180



GOVERNMENT OF NEWFOUNDLAND AND LABRADOR  
Department of Transportation and Works  
Highway Design Division

### SECTION 180

#### UNWATERING INCIDENTAL TO WORK

The term "Unwatering" shall mean the removal or keeping out of water from the site, in order that work may be carried out in accordance with the specifications.

Where unwatering is not a pay item, but is required in order to carry out other work, then such necessary unwatering shall be provided by the Contractor. The Contractor shall provide such temporary water-tight structures and pumps as are required for unwatering, and then after completion of the work, remove the unwatering facilities and clean-up and trim the site to sightly proportions, all at his own expense.

In an unwatering operation silt laden water containing more than 30 milligrams of suspended solids per litre shall not be disposed of directly into a watercourse or water body, and also silt laden water containing more than 350 milligrams of suspended solids per litre shall not be disposed of directly into a sewer. Silt laden water exceeding these limits shall be discharged to a vegetated area or to a sedimentation basin for removal of silt to within the appropriate limits before being disposed of into a water course or water body, or into a sewer. Where possible the vegetated areas shall be not less than 60 m from a water course or water body, unless otherwise directed by the Engineer.

Cofferdams when used shall be constructed with suitable materials so as to render the cofferdam non-erodible and non-polluting. Earth fill cofferdams shall be faced with plastic sheeting followed by sand bags, or equivalent if approved by the Engineer. The purpose of the plastic is to produce a dam that produces the least amount of infiltration.

Should silt fences be required in connection with unwatering, then the silt fences shall be included in the cost of unwaterings.