

Section 7. EROSION AND SEDIMENTATION CONTROL PLAN

7.1. INTRODUCTION

The Applicant proposes to construct the Project in conformance with the Maine Erosion and Sedimentation Control Law, the MDEP permit requirements, and the Basic Standards of Chapter 500 of the *Maine Stormwater Management Laws and Rules* so that construction will not unreasonably:

- Cause soil erosion or siltation in waterbodies, protected natural resources, or offsite areas;
- Interfere with natural flow of water;
- Degrade fish or wildlife habitat; or
- Degrade water quality.

The proposed erosion and sedimentation control measures are based on the MDEP's *Erosion and Sediment Control Best Management Practices (BMPs) Manual*, dated October 2016. A full description of the erosion and sedimentation controls are included in the Permit Design Submittal, provided as Exhibit 1-2. In Exhibit 1-2, details for erosion control design are provided in Sheets 2.1 through 2.5. Erosion and sedimentation controls would be installed prior to the start of construction to prevent sedimentation into offsite areas or protected natural resources. The permit plans and constructions design plans (Exhibit 1-2) also show approximate locations of erosion control devices, outfall protection, and other BMP's. Detailed erosion control and sediment control plans will be prepared by the construction contractor upon award of the contract and prior to initiating earth-disturbance activities.

7.2. COMPLIANCE PROCEDURES

An inspector will be assigned to monitor installation and performance of temporary and permanent erosion and sediment controls. The inspector will be designated as the Compliance Officer (CO). The CO will inspect the erosion and sedimentation control devices weekly, and before and immediately following a significant rain event. The inspections will begin at the start of construction and will continue until permanent erosion control measures have been properly installed and the project site has been stabilized. The CO will compile a written log noting conditions of all devices, actions required to correct any deficiencies or damage, and contractor response time to implement corrective measures.

The CO, along with other inspectors, has the authority to direct the contractor to maintain, repair or replace the erosion and sedimentation controls facilities as required, immediately upon the discovery of a deficiency. The CO will monitor and review the construction schedule and method of construction to avoid and/or mitigate possible impacts.