

SECTION 01567**GENERAL ENVIRONMENTAL CONTROLS****PART 1 GENERAL****1.01 SUMMARY**

- A. This Section includes furnishing labor, materials and equipment and performing work required for the prevention of environmental pollution in conformance with applicable laws and regulations, during and as the result of construction operations under this Contract. For the purpose of this Section, environmental pollution is defined as the presence of chemical, physical, or biological elements or agents which adversely affect human health or welfare; unfavorably alter ecological balances of importance to human life; affect other species of importance to man; or degrade the utility of the environment for aesthetic and/or recreational purposes.
- B. Furnish physical plant, labor, equipment and materials and perform all operations in connection with the provision of general environmental controls.
- C. Comply with all applicable federal, state and local laws and regulations concerning environmental pollution control and abatement.
- D. Furnish and comply with permits in accordance with Section 01060 – Permits and Regulatory Requirements.
- E. Comply with all federal, state and local ordinances with regard to hazardous material abatement in accordance with Section 01100 – Hazardous Material Abatement.
- F. Implement and maintain dust control measures in accordance with Section 01562 – Dust and Air Quality Control.
- G. Implement and maintain noise control measures in accordance with Section 01565 – Noise Control.
- H. Install, maintain and remove erosion and sedimentation controls in accordance with Section 02370 – Erosion and Sedimentation Control.

1.02 RELATED SECTIONS

- A. Section 01060 – Permits and Regulatory Requirements
- B. Section 01100 – Hazardous Material Abatement
- C. Section 01562 – Dust and Air Quality Control

D. Section 01565 – Noise Control

E. Section 02370 – Erosion and Sedimentation Control

1.03 CODES AND STANDARDS

A. The following standards form a part of these Specifications:

1. American Society for Testing and Materials (ASTM)
 - a. ASTM D751 - Standard Test Methods for Coated Fabrics
 - b. ASTM D5034 - Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
 - c. ASTM D5035 - Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method)
 - d. ASTM D3786 - Hydraulic Bursting Strength of Knitted Goods in Non-Woven Fabrics – Diaphragm Bursting Strength Tester Method
2. Corps of Engineers (COE)
 - a. COE CW02215 - Geotextiles Used as Filters
3. Chapter 21, Section 42 of the Massachusetts Clean Water Act of the Massachusetts General Laws, as amended.

1.04 SUBMITTALS (NOT USED)

1.05 QUALITY ASSURANCE (NOT USED)

1.06 QUALIFICATIONS (NOT USED)

1.07 DELIVERY, STORAGE, AND HANDLING (NOT USED)

1.08 PROJECT/SITE CONDITIONS (NOT USED)

1.09 DEFINITIONS (NOT USED)

1.10 TOLERANCE (NOT USED)

1.11 NOTIFICATIONS

- A. The Authority will notify the Contractor in writing of any non-compliance with the foregoing provisions or of any environmentally objectionable acts and corrective action to be taken. Federal, state or local agencies responsible for verification of certain

aspects of the environmental protection requirements shall notify the Contractor in writing directly or through the Authority of any non-compliance with federal, state or local requirements. Inform the Authority immediately of any such notice received directly from federal, state or local agencies. After receipt of such notice from the Authority, or from the regulatory agency through the Authority, or from the regulatory agency directly and after informing and with agreement of the Authority, immediately take corrective action. Such notice, when delivered to the Contractor, shall be deemed sufficient for the purpose. If the Contractor fails or refuses to comply promptly, the Authority may issue an order stopping all or part of the Work until satisfactory corrective action has been taken. Delays and costs caused by the Contractor's failure to comply shall remain the Contractor's responsibility, at no additional cost to the Authority.

B. Notification to Conservation Commission:

1. Notify the Authority 48 hours prior to commencement of work on site. The Authority will notify the Needham Conservation Commission.

1.12 IMPLEMENTATION

- A. Prior to commencement of the Work, meet with the Authority to develop mutual understandings relative to compliance with these provisions and administration of the environmental pollution control program.
- B. Remove temporary environmental control features when approved by the Authority, and incorporate permanent control features into the Project at the earliest practicable time.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION

3.01 HAZARDOUS MATERIAL AND WASTE CONTROL

- A. Disposal of volatile fluid wastes (such as hydraulic fluids, waste oil, gasoline, fuel or paint thinner) onto the ground, in storm or sanitary sewer systems, or into streams or waterways shall not be permitted. In the event that any such waste is spilled, immediately clean up the spillage and all contaminated soil, and dispose of the cleanings as hazardous waste material. If a spill occurs, the clean-up activities shall take precedence over normal construction activities in order that damage to the environment is minimized. Legally dispose hazardous wastes.
- B. All hazardous materials containers shall be marked and their contents identified. All fuel oil, lubricant, gasoline, and hydraulic fluid containers shall be secured in place on the transport vehicle.

- C. The Work shall be in compliance with all federal, state, and local laws with respect to hazardous materials and clean-up and disposal operations shall comply with all applicable federal, state, and local statutes, regulations, ordinances and anti-pollution laws.

**** END OF SECTION ****