SECTION 01 35 10 – ENVIRONMENTAL PROTECTION

PART 1 - General

1.1 SCOPE OF WORK

A. This Section describes the work required by the Contractor for the protection of the environment throughout the course of the project, except for those measures specifically set forth in other sections of these Specifications. Compliance with the provisions of this section by lower-tier subcontractors will be the responsibility of the Contractor. Items to be considered under this section are air, water, and land resources and shall include noise, equipment fuel management, land resource management, and management of other chemicals.

1.2 RELATED SECTIONS

A. Section Includes:

1. 01 33 00 Submittals

1.3 DEFINITIONS

A. Environmental protection shall be defined as the retention of the environment in its natural state, to the greatest extent possible, during the project implementation, and the enhancement of the natural appearance in its final condition.

1.4 SUBMITTALS

A. The Contractor shall provide all labor, equipment, and materials necessary for environmental protection that could arise as a result of Contractor activities or conditions during the course of this project.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. The Contractor shall provide all labor, equipment, and materials necessary for environmental protection that could arise as a result of Contractor activities or conditions during the course of this project.

PART 3 - EXECUTION

3.1 GENERAL

A. The Contractor shall be responsible for complying with all applicable Federal, State, and local laws concerning the prevention, abatement, and control of all environmental pollution arising from the project activities.

3.2 PROTECTION OF LAND RESOURCES

A. The Contractor shall confine project activities to work areas designated by the Contracting Officer and/or construction oversight firm, and, at all times, perform work in a manner that minimizes the interference with or the disturbance to fish, wildlife, and vegetation.

B. The Contractor shall implement measures to prevent lubricants, chemicals, and fuels from entering natural land features.

3.3 BURNING

A. Under no circumstances shall the burning of debris or waste materials be conducted at the site.

3.4 TEMPERORY CONTROLS

A. All construction machinery and vehicles shall be equipped with practical sound-muffling devices and operated in a manner to cause the least noise, consistent with efficient performance of work. In addition, in order to minimize noise disturbances, the operation of machinery and large vehicles shall be confined to the hours of 8:00 a.m. to 7:00 p.m. Monday through Friday.

B. The Contractor shall maintain all excavations, stockpiles, access roads, waste areas, and all other areas free from dust to such a degree as to avoid causing a hazard or nuisance. Earth surfaces subject to dusting may be kept moist with water or dust may be controlled by other measures, if approved by Contracting Officer. Dusty materials in piles or in transit shall be covered to prevent blowing. The Contractor will maintain a mobile water tank complete with spray bar and pump on site, if dust control is to be performed by water sprinkling.

C. The Contractor shall provide for the drainage of stormwater and such water as may be applied or discharged on the site in performance of the work. Drainage facilities shall be adequate to prevent damage to the work, the site, and adjacent property.

D. Erosion and Sediment Control

1. The Contractor shall use the Erosion and Sediment Control measures specified on the technical drawings as the Erosion and Sediment Control Plan (E&SCP) and shall specify additional applicable erosion and sediment control measures and Best Management Practices (BMPs) in accordance with the Minnesota Standards and Specifications for Erosion and Sediment Controls. The Contractor shall be responsible for providing erosion and sediment control measures in accordance with Federal, State, and local laws and regulations.
2. The Contractor shall obtain an approval of the Erosion and Sediment Control Plan through Pennsylvania Department of Environmental Protection (PADEP) during building permit.
3. The Contractor shall use the Erosion and Sediment Control measures to control adverse effects from erosion and sedimentation during construction activities.
4. The Contractor shall prevent erosion of soil on the site and adjacent property resulting from his construction activities. The Contractor shall design, construct, and maintain as a minimum the erosion control BMPs specified in the E&SCP. Protective erosion control measures shall be initiated prior to the commencement of clearing, grading, excavation, or other operations that will disturb the natural protection.
5. The Contractor shall construct or install temporary and permanent erosion and sediment control, as indicated on the drawings. BMPs may include, but not be limited to, vegetation cover, slope stabilization, silt fences, construction of terraces, interceptor channels, inlet and outfall protection, and diversion channels.

6. Work shall be scheduled to expose areas subject to erosion for the shortest possible time, and to maintain natural vegetation to the greatest extent possible. Any temporary measures shall be removed after the area has been stabilized.

3.5 NOTIFICATION OF NON-COMPLIANCE

A. Failure of the Contracting Officer to notify the Contractor of non-compliance does not relieve the Contractor of responsibility of compliance with the aforementioned federal, state, or local laws or regulations. In the event the Contracting Officer issues such a notice, the Contractor shall immediately inform the Contracting Officer of the proposed corrective action(s) and take such action(s) as may be appropriate. If the Contractor fails or refuses to comply promptly, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. No part of the time lost because of any such stop orders shall be made the subject of a claim for extension of time, or for excess costs or damages by the Contractor.

END OF SECTION