

## **SECTION 01 57 00 TEMPORARY CONTROLS**

### **PART 1 GENERAL**

#### **1.1 SECTION INCLUDES**

- A. Requirements for controlling surface and subsurface environmental conditions at the construction site, and related areas under the CONTRACTOR's responsibility.
- B. Requirements for removal of physical evidence of temporary controls upon completion of the Work.

### **PART 2 PRODUCTS**

#### **2.1 MATERIALS**

- A. Temporary Materials: CONTRACTOR's choice.

### **PART 3 EXECUTION**

#### **3.1 NOISE CONTROL**

- A. Use equipment that is equipped with noise attenuation devices. Comply with local Laws and Regulations.
- B. Control construction noise in residential areas from 9:00 pm to 7:00 am.

#### **3.2 DUST AND MUD CONTROL**

- A. Provide suitable equipment to control dust or air pollution caused by construction operations.
- B. Provide suitable mud and dirt containment, so Work site, access roadways and properties adjacent to the Work site are kept clean.

#### **3.3 SURFACE WATER CONTROL**

- A. Control all on-site surface water. Provide proper drainage so flooding of the site or adjacent property does not occur.
- B. Provide and maintain ample means and devices with which to promptly remove and properly dispose of all water entering the site.
- C. Immediately prior to suspension of construction operations for any reason, provide proper and necessary drainage of Work site area.
- D. Provide berms or channels as necessary to prevent flooding or saturation of Subgrade. Promptly remove all water collecting in depressions.
- E. Dispose of water in a manner that will not cause damage to adjacent areas or facilities.

#### **3.4 GROUND WATER CONTROL**

- A. Provide a dewatering system sufficient to maintain Excavations and foundations dry and free of water on a 24 hour basis.

- B. Notify ENGINEER, in writing, if groundwater conditions differ from conditions shown in the Bidding Documents, or in any soil test data that has been supplied.
- C. Remove all dewatering facilities when no longer required.
- D. Dispose of water in a manner that will not cause damage to adjacent areas or facilities.

### **3.5 POLLUTION CONTROL**

- A. Soil: Prevent contamination of soil from discharge of noxious substances (including engine oils, fuels, lubricants, etc.) during construction operations. Excavate and legally dispose of any such contaminated soil off-site, and replace with acceptable compacted fill and topsoil.
- B. Water: Prevent disposal of wastes, effluent, chemicals, or other such substances adjacent to or into streams, waterways, sanitary sewers, storm drains, or public waterways. Perform any emergency measures that may be required to contain any spillage.
- C. Air: Control atmospheric pollutants.

### **3.6 EROSION CONTROL**

- A. Use measures such as berms, dikes, dams, sediment basins, fiber mat netting, gravel, mulches, slopes, drains and other erosion control devices or methods to prevent erosion and sedimentation.
- B. Provide construction and earthwork methods which control surface drainage from cut, fill, borrow, and waste disposal areas, to prevent erosion and sedimentation.
- C. Inspect earthwork during execution to detect any evidence of the start of erosion. Apply corrective measures as required.

END OF SECTION