

SECTION 18

EROSION AND WATER POLLUTION CONTROL

18.1 DESCRIPTION

A. General:

This work consists of temporary measures necessary to control erosion and water pollution during the life of the contract.

The temporary pollution control provisions contained herein shall be coordinated with the permanent erosion control features specified elsewhere in the contract to the extent practical to assure economical effective and continuous erosion control throughout the construction and post-construction period.

B. Related Work Items:

- Section 10 - Clearing and Grubbing
- Section 11 - Utility Excavation and Backfill
- Section 12 - Roadway and Drainage Excavation
- Section 14 - Embankment
- Section 15 - Disposal of Surplus Excavation and Waste
- Section 16 - Optioned Borrow Excavation
- Section 17 - Salvaging, Stockpiling, and Placing Topsoil
- Section 66 - Slope Protection
- Section 67 - Fabric Formed Concrete Mat
- Section 68 - Bank and Channel Protection Rock Filled Wire Baskets
- Section 69 - Bank Protection Gabions
- Section 70 - Seeding
- Section 71 - Fertilizing
- Section 72 - Mulching
- Section 73 - Sodding
- Section 109 - Riprap and Slope Materials
- Section 125 - Gabions
- Section 202 - Engineering Fabric

18.2 MATERIALS

Materials used in erosion and water pollution control work shall conform to the requirements set forth in the contract. When work is ordered for which no provisions are contained in the contract, material requirements shall be set forth in the agreement covering the additional work.

18.3 CONSTRUCTION REQUIREMENTS

A. Sequence:

The Contractor will be required to perform erosion and water pollution control measures in the sequence and manner outlined in the contract, unless otherwise ordered by the Engineer. Additional erosion and water pollution control measures found necessary after award of the contract shall be performed at such times and in the sequence ordered by the Engineer.

B. Prosecution:

The Contractor shall submit for approval at the pre-construction conference, his proposed schedule and method of operation for performance of temporary and permanent water pollution control measures.

Erosion and water control measures shall be continued in an orderly and progressive manner to the extent considered feasible and justified.

The Engineer has the authority to direct the Contractor to provide immediate permanent or temporary erosion and water pollution control measures to prevent contamination of adjacent streets, properties, streams or other watercourses, lakes, ponds, or other areas of water impoundment. Such work may involve the construction of temporary structures, berms, dikes, dams, sediment basins, slope drains, and use of temporary mulches, mats, seeding or other control devices or methods as necessary to control erosion.

Potential pollutants used during construction shall be stored or disposed of where runoff will not carry them into streams or lakes. Pollutants shall not be disposed of in streams or lakes.

Contractor equipment yards and service areas shall be located or bermed so runoff from the areas and pollutants do not reach waterways or impoundments of water.

In the event of conflict between these requirements and pollution control laws, rules, or regulation of other Federal or State or local agencies, the more restrictive laws, rules or regulations shall apply.

18.4 METHOD OF MEASUREMENT

Erosion control measures shown on the plans will be measured as provided in the applicable specification for the contract items involved.

Erosion control measures not covered by contract items will be measured as extra work in accordance with Section 7 of this specification.

18.5 BASIS OF PAYMENT

Erosion control measures shown on the plans will be paid for at applicable contract unit prices.

Erosion control measures not covered by contract items will be paid for as extra work in accordance with Section 7, General Conditions.

Erosion control measures, which are required due to the Contractor's negligence, carelessness, or failure to install permanent controls, as a part of the work as scheduled, will be performed by the Contractor at no expense to the City.

END OF SECTION