

**SECTION 02250**

**DEWATERING**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Furnish, operate and maintain dewatering equipment for control, collection, and disposal of ground and surface water entering trenches and excavations.

**1.02 RELATED SECTIONS**

- A. Section 02315 - Excavation and Backfill.
- B. Section 02317 - Trenching for Site Utilities.
- C. Section 02230 - Site Clearing.
- D. Section 02320 - Slope Protection and Erosion Control.
- E. Section 02635 - Storm Drainage Piping.
- F. Section 02640 - Manholes and Covers.

**1.03 DESIGN REQUIREMENTS**

- A. Design dewatering facilities including drains, piping and pumping.

**1.04 SUBMITTALS**

- A. Prior to start of excavation and trenching, submit dewatering design and methods to Owner for review.

**PART 2 PRODUCTS**

**2.01 EQUIPMENT**

- A. Provide pumps, drains, piping and other facilities necessary to keep excavations and trenches free of water including spare units available for immediate use in the event of equipment failure.

**PART 3 EXECUTION**

**3.01 PROTECTION**

- A. Protect watercourses, existing stormwater ponds, sewer systems and adjacent properties from siltation by use of sediment ponds or other measures acceptable to Owner.
- B. Keep excavations clear of groundwater, tidal water, surface water, seepage, sewage and stormwater.
- C. Coordinate with appropriate authorities regarding discharge/disposal of water and sediment. Comply with applicable requirements and specifications.

**3.02 INSTALLATION**

- A. Install, construct and maintain equipment and facilities required for work of this section.
- B. Dispose of water removed from Work in a suitable manner which will not interfere with other work, cause erosion, damage pavements, other surfaces or property and is acceptable to Owner.
- C. Remove dewatering equipment and facilities when no longer required.
- D. Backfill excavations in accordance with 02315.
- E. Repair damage resulting from dewatering operations.

**END OF SECTION 02250**