

**SECTION 31 23 19.01
DEWATERING**

PART 1 GENERAL

1.01 SUBMITTALS

- A. Informational Submittals: Water control plan.

1.02 WATER CONTROL PLAN

- A. As a minimum, include:
1. Descriptions of proposed groundwater and surface water control facilities including, but not limited to, equipment; methods, pollution control facilities, and discharge locations to be utilized.
- B. If system is modified during installation or operation revise or amend and resubmit Water Control Plan.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION

3.01 GENERAL

- A. Remove and control water during periods when necessary to properly accomplish Work.

3.02 SURFACE WATER CONTROL

- A. Prior to commencing excavation and construction, obtain Contracting Officer's agreement with detailed plans showing procedures intended to handle and dispose of pond water, groundwater, and stormwater flow.
- B. Remove surface runoff controls when no longer needed.

3.03 DEWATERING SYSTEMS

- A. Design and Operate Dewatering Systems:
1. To prevent loss of ground as water is removed.
 2. To avoid inducing settlement or damage to existing facilities, completed Work, or adjacent property.

REPAIR STORMWATER DRAINAGE & DETENTION SYSTEMS
103D AIR CONTROL SQUADRON
PROJECT SKXJ072201

- B. Provide sufficient redundancy in each system to keep excavation free of water in event of component failure.

3.04 MONITORING FLOWS

- A. Monitor volume of water pumped per calendar day from excavations, as Work progresses. Also monitor volume of water introduced each day into excavations for performance of Work. Monitor flows using measuring devices acceptable to Contracting Officer.

3.05 DISPOSAL OF WATER

- A. Meet requirements of the State of Connecticut Department of Environmental Protection, General Permit for the Discharge of Stormwater and Dewatering Wastewater from Construction Activities.
- B. Provide practices so discharge does not cause scouring or erosion or contain suspended solids in amounts that could reasonably expect to cause pollution to the waters of the State.
- C. Treat water collected by dewatering operations, as required by regulatory agencies, prior to discharge.
- D. Discharge water as required by discharge permit and in manner that will not cause erosion or flooding, or otherwise damage existing facilities, completed Work, or adjacent property.
- E. Remove solids from treatment facilities and perform other maintenance of treatment facilities as necessary to maintain their efficiency.

END OF SECTION