

**SECTION 33 16 13.12****WATER STORAGE TANK REMOVAL****PART 1: GENERAL****1.01 SECTION INCLUDES**

- A. Removal of existing water storage tanks, including disconnecting and capping of all piping, demolition of foundations, and grading and seeding of all disturbed areas.

**1.02 REGULATORY REQUIREMENTS**

- A. Conform to applicable codes for demolition of existing structures.
- B. Conform to applicable codes for disposal of debris.

**1.03 SUBMITTALS**

- A. Conform to requirements of Section 01 33 00 – Submittals.
- B. The following additional items shall be submitted for approval in accordance with Section 01 33 00:
  - 1. Detailed Work Plan – This plan shall be submitted within 15 days after the issuance of the Notice to Proceed and shall detail all proposed methods and sequences of operations including, but not limited to:
    - a. Tank appurtenance removal.
    - b. Removal and disposal of industrial waste.
    - c. Dismantling procedures.
    - d. Transportation and disposal of aboveground water tanks and contents.
    - e. Protection of existing structures and utilities.
    - f. Site safety plan.
  - 2. Documentation of acceptance of waste materials by a permitted facility capable to dispose of said waste materials. Documentation must be provided within 7 days of delivery to permitted facility.
  - 3. Letters of acceptance from permitted facilities and haulers. Letters shall be provided at least 14 days prior to transportation of any wastes.
  - 4. Documentation of the weight of demolished materials that were recycled.

## 1.04 SPECIAL CONDITIONS

### A. Lead Paint Cleanup

1. The Contractor shall take all necessary precautions to prevent any environmental contamination of the surrounding area due to the presence of lead paint on the storage tanks to be removed.
2. The Contractor shall follow all federal, state, and local regulations governing the clean up and disposal of lead paint contamination.

## **PART 2: PRODUCTS - NOT USED**

## **PART 3: EXECUTION**

### 3.01 REMOVAL OF WATER TANKS

- A. The procedures to remove the existing water tanks shall include, but not be limited to, the following:
1. Remove all electrical conduit and appurtenances from the tanks prior to dismantling of the tanks.
  2. Remove all water that may be present that is capable of being pumped out of the tanks.
  3. Drain or flush all water from piping into the tanks.
  4. Disconnect and cap all piping.
  5. Remove aboveground water tanks in accordance with approved work plan.
- B. The foundations of the aboveground water tanks shall be removed down to a depth of 2' below grade. Contractor shall be responsible for backfill of foundations abandoned in place.

### 3.02 DISPOSAL OF TANK CONTENTS AND DEMOLISHED MATERIALS

- A. All removed tank materials shall be loaded and trucked away from the site in such a manner as to not cause any hazard for passersby or damage to any existing facility. Any damage shall be repaired or replaced by the Contractor at no additional cost to AW.
- B. All waste material shall be disposed of in accordance with all federal, state, and local regulations.
- C. All waste materials shall become the responsibility of the Contractor and the Contractor shall be responsible for the safe and proper removal and disposal of all waste materials.
- D. Storage of waste materials at the site is not permitted.

- E. All fees and transportation costs are the responsibility of the Contractor. The Contractor shall bear full responsibility for any and all fines against the project resulting from the improper handling and disposal of the waste materials.

### 3.03 BACKFILL

- A. Backfill of removal areas shall be in accordance with requirements of Section 31 23 33- Excavation and Backfill for Utilities.

### 3.04 RESTORATION

- A. Restoration of all disturbed areas shall be in accordance with requirements set forth in Section 33 92 00 – Lawn Restoration

**END OF SECTION 33 16 13.12**