

## SECTION 311060

### ASBESTOS CEMENT PIPE REMOVAL AND DISPOSAL

#### PART 1 - GENERAL

##### 1.1 WORK INCLUDED

- A. Removal and disposal of asbestos cement pipe.

##### 1.2 DEFINITIONS

- A. Friable Asbestos: Any asbestos-containing materials that, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure.
- B. Non-friable Asbestos: Any asbestos-containing materials that remain solid when handled.

##### 1.3 SCOPE OF WORK

- A. The Contractor shall furnish all permits, labor, material, services, insurance, tools, equipment, and notifications in accordance with EPA, OSHA, state, local, and all other applicable agencies to handle and remove asbestos material.

1. The Contractor shall refer to EPA 40 CFR Part 61 and Sarasota County Ordinance 54-119.

- B. Use of compressed air to clean AC pipes is prohibited.

- C. Crushing of AC pipe is prohibited.

- D. At no time should AC pipe or pieces be mixed in with fill.

- E. All scrap AC shall be properly manifested and prepared for transport. The scrap material shall be delivered to a landfill permitted for disposal of non-friable asbestos containing materials.

1. At least 10 business days before removal is scheduled to occur, the Contractor or his designated asbestos subcontractor shall complete a National Emission Standards for Hazardous Air Pollutants (NESHAP) "Notice of Demolition or Asbestos Renovation" form. The Contractor or his asbestos subcontractor shall deliver the completed forms by hand or certified mail to the following agencies (facsimiles are not permitted):

- a. DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Division of Air Resources Management  
2600 Blair Stone Rd.  
Tallahassee, FL 32399-2400
- b. SARASOTA COUNTY ENVIRONMENTAL SERVICES  
Air Quality and Storage Tank Management  
1301 Cattleman Rd., Bldg. E  
Sarasota, FL 34232

---OR---

CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX  
ADMINISTRATION OFFICE  
4000 Knights Trail Rd.  
Nokomis, FL 34275

- 2. Haulers must submit a completed "Waste Shipment Record (WSR)" to Department of Environmental Protection and the Sarasota County Environmental Services at the locations listed above. A WSR must accompany each load of asbestos-containing materials deposited at a disposal facility. A copy of the WSR signed by the disposal facility shall be submitted to the Owner within 35 calendar days of disposal.
- 3. The Sarasota County Central County Solid Waste Disposal Complex will accept friable and non-friable asbestos-containing material. The Contractor shall be responsible for verifying the facility's conditions for accepting asbestos-containing materials. The following conditions are presented for information purposes and are not guaranteed:
  - a. General: Asbestos will only be accepted Monday through Friday, 8:00 AM through 3:00 PM, excluding holidays. Haulers must have the proper manifests and call at least 24 hours in advance.
  - b. Friable Asbestos: Asbestos must be sprayed with water until wet, then double bagged, securely closed (tied off), labeled, and placed in a covered container.
  - c. Non-friable Asbestos: Asbestos must be sprayed with water until wet, and then placed in a covered container. AC pipe shall be kept wet during all phases of removal. No visible emissions are permitted.
  - d. Disposal Fees: The disposal rates were \$75/ton for friable asbestos and \$57.56/ton for non-friable asbestos. The minimum fee was \$10/load for all vehicles. Disposal fees are subject to change without notice and are as shown on scgov.net and effective October 1, 2014.

- e. A "Waste Shipment Record (WSR)" must accompany each load deposited at the Sarasota County Landfill. A copy of the WSR signed by the disposal facility shall be submitted to the Owner within 35 calendar days of disposal.
  - f. All loads may be subject to inspection by Sarasota County personnel prior to admittance to the landfill. Label each container with the name of the owner and location at which the waste was generated.
4. Label trucks used to transport asbestos-containing waste material as follows (refer to 29 CFR 1910.145 (d)(4) for sign format):

DANGER ASBESTOS DUST  
CANCER AND LUNG DISEASE HAZARD  
AUTHORIZED PERSONNEL ONLY

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

END OF SECTION