Special Specification

Item 8728

Management and Disposal of Contaminated Fluids

8728.1 General Description

Areas of Concern are identified in the plans and the Environmental Site Assessments. Copies of the Environmental Site Assessments shall be made available to the contractor. The contractor is responsible for reviewing and becoming familiar with the reference documents. These documents include:

1. Phase I Environmental Site Assessment
2. Phase II Environmental Site Assessment

8728.2 General Practices

Contaminated fluids potentially exist at the areas of concern. Fluids removed from this area by the contractor, or as directed by the Engineer, shall require special management practices. Fluids shall be staged and suitably stored, tested, properly transported and legally disposed.

8728.3 Environmental Compliance

The contractor shall comply with the applicable federal, state, and local regulations. The construction contractor shall classify the potentially regulated waste that is generated or encountered during the course of this project. Waste profiling/characterization and classification shall conform to the requirements described in 30 TAC §§ 335.501 – 335.515, 335.521 (Subchapter R).

8728.4 Fluid Handling Practices

Water recovered from the area of concern, or as directed by the Engineer, shall be stored and tested for contaminants. Storage of water must be in TxDOT approved containers. Containers shall be stored in a storage area that shall not interfere with, or create safety hazards related to roadway operations. Storage areas shall not be located outside the right-of-way, unless, approved in writing by the Engineer. Storage areas shall be fenced. Storage areas shall be protected from erosion. Runoff within the stockpile area shall be collected and managed in accordance with this specification. Storage areas shall be managed so runoff from areas other than the storage area is diverted and not allowed to enter the storage area. Storage areas shall be isolated from other areas and shall be in an area that will reduce or eliminate the potential for spills.

8728.5 Sampling and Waste Profiling

Samples shall be taken from each container and tested for contaminants by a lab that is accredited by the Texas Laboratory Accreditation Program and acceptable to the TCEQ. The contractor shall provide the Engineer with copies of the test results.

The contractor shall perform classification and determination of liquids from the areas of concern, or as directed by the Engineer. Classifications and determinations shall conform to the requirements described in 30 TAC §§ 335.501 – 335.515, 335.521 (Subchapter R). The contractor shall provide the Engineer with copies of the test results.

8728.6 Transportation of Contaminated Fluids

Regulated waste shall be transported by signed manifests. A copy of the original and final manifest shall be provided to the Engineer. The documents shall be chronologically numbered. Daily work logs shall be maintained and provided to the Engineer.

Vehicles transporting contaminated material shall be TxDOT approved. Operators handling waste shall be licensed and/or certified for the task they are performing.

Containers shall be properly labeled. The contents of the containers must be reported on the label. Emergency contact information and telephone numbers shall be placed on the label. Containers shall be properly sealed or lidded and the bungs shall remain in place, when the contents are not in-use. Containers must be properly stored. Incompatible substances or materials shall be appropriately segregated.

8728.7 Payment

Payment will be made for the disposal of contaminated liquids on a per gallon unit basis for Class 1 Non-Hazardous Waste and Class 2 Non-Hazardous Waste.

The contractor shall submit copies of the manifests to the Engineer within 10 calendar days of the material being removed from the site.

The contractor shall furnish labor, materials, equipment, and related items required for the proper management, transportation, and disposal of contaminated material.

End of Item 8728