Contact Environmental Coordinator. Use this as a template regardless of the type of contaminate in the soil.

1. Contaminated Soil Management, Item SPV.0195.##

A Description

This special provision describes work conforming with the requirements of standard spec 205, parts of the Wisconsin Administration Code (Department of Natural Resources Environmental Investigation and Remediation of Environmental Contamination, Chapters NR 700-736), as the plans show, and in this special provision.

This work consists of excavating, loading and hauling of contaminated soil to the nearest and most cost-effective department-approved landfill/bio-remediation facility (BioSite). The nearest facilities are the Veolia Hickory Meadows Landfill in Hilbert, Calumet County, Wisconsin and Waste Management Valley Trail Recycling and Disposal facility in Berlin, Green Lake County, Wisconsin. These facilities are located approximately 30 to 35 miles from the project limits.

Manage contaminated soil encountered within the project limits at locations identified in section A.1 as a solid waste and haul directly to the nearest and most cost-effective department-approved landfill/BioSite.

The cost for contaminated soil treatment/disposal will be billed directly by the landfill/BioSite to the responsible party and/or the department. The contractor is not responsible for landfill/BioSite tipping fees.

Per NR 718.07, a solid waste collection and transportation service operating license is required under NR 502.06 whenever excavated contaminated soils are transported.

A.1 Notice to the Contractor

A Phase I Environmental Site Assessment and Phase II Subsurface Assessment were completed by the department for locations within the project corridor. Information obtained by the department indicates that contaminated soil requiring special management will be encountered at the following location:

Station 258+50 to 259+50, as the plans show, at a depth of approximately 0 to 1.25 feet below existing (pre-construction) grades at that location. The soil management area is located approximately 170 feet west of centerline for the new southbound lane of USH 45.

The estimated volume of contaminated soil to be excavated by the contractor at this location is approximately 340 cubic yards (approximately 475 tons using a multiplier of 1.4 tons/cubic yard).

If contaminated soil is encountered at other locations on the project, terminate excavation activities in the area and notify the engineer. The engineer and environmental consultant will determine if contaminated soil encountered elsewhere on the project is to be managed as a solid waste.

For further information regarding investigation activities at these locations, contact Mae Sommerfeld, Wisconsin Department of Transportation, Environmental Coordinator, 944 Vanderperren Way, Green Bay, Wisconsin, 54304, (920) 492-5705.

A.2 Coordination

Coordinate work under this contract with the environmental consultant retained by the department:

Consultant: STS Consultants, Ltd.

Address: 1035 Kepler Drive, Green Bay, Wisconsin, 54311

Contact: Paul Garvey, Mike DeBraske or Roger Miller

Phone: (920) 468-1978

FAX: (920) 468-3312

The role of the environmental consultant will be limited to obtaining approval from a department-approved landfill/BioSite for treatment/disposal of contaminated soil encountered during the project, determining the location and limits of contaminated soil to be excavated based on soil analytical results from previous field investigations, and collection of post-excavation soil samples.

Manage contaminated soil conforming to the terms and conditions specified herein. Provide a proposed schedule for all excavation activities in the area of contamination during the pre-construction conference. Notify the engineer and environmental consultant at least 3 calendar days before commencement of excavation and activities in the contaminated area. Coordinate with the environmental consultant to ensure that the consultant is present before and during excavation activities in the area of contamination.

Obtain a unique waste profile approval number from the environmental consultant thirty (30) days before construction in the area of contamination, and provide the engineer with the number.

A.3 Health and Safety Requirements

Prepare a site-specific Health and Safety Plan complying with the Occupational Safety and Health Administration (OSHA) standard for Hazardous Waste Operation and Emergency Response (HAZWOPER), 29 CFR 1910.120.

Before the start of remediation work, provide health and safety training meeting OSHA requirements for all site workers taking part in remediation activities or who will have the reasonable probability of exposure to safety or health hazards associated with the contaminated material. Submit a site-specific Health and Safety Plan and written verification that workers have completed up-to-date OSHA training to the project engineer before the start of remediation work.

Develop, delineate and enforce the health and safety exclusion zones for each contaminated site location pursuant to 29 CFR 1910.120.

B (Vacant)

C Construction

*Add the following to standard spec 205.3:*

Manage contaminated soil encountered within the project limits at locations identified in section A.1 as a solid waste, and haul directly to the nearest and most cost-effective department-approved landfill/BioSite.

Provide and place suitable backfill material required to bring the excavation to the elevation of proposed subgrades. Notify the environmental consultant and engineer before placement of backfill in the excavation to ensure that post-excavation samples have been collected by the environmental consultant.

Obtain approval from the engineer and environmental consultant before placing any temporary stockpiles of contaminated soil in the project corridor.

D Measurement

The department will measure Contaminated Soil Management by the ton of excavated material accepted at the landfill/bio-remediation facility as shown on the special waste manifest disposal tickets.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER DESCRIPTION UNIT

SPV.0195.## Contaminated Soil Management TON

Payment is full compensation for excavating, loading, and hauling of contaminated soil to the landfill/BioSite; and for temporary stockpiling at the project site (if necessary).

ner-107-025 (20220427)