

# Environmental Guidance: Geotech

## Planning Work

### Access Route and Summary of Activity

Prior to coming onsite, the project shall submit a Geotech boring plan for EAD review and approval. The Geotech boring plan shall include an aerial map with the access routes and boring locations clearly identified. In addition, include a summary of the activity being conducted (i.e. tree clearing, vegetation disturbance, water crossings, equipment type). EAD will need at least 48 hours review time.

### Environmental Assessments

#### Waters of the US

Consult EAD on whether a delineation has been completed for your project area. If WOUS information has not been obtained, contact your project manager for additional support.

## Prior to Work

Once the access route and associated environmental assessments are complete, EAD will identify the environmental impacts associated with the activity. Additional surveys, permits, and/or paperwork may be required. See the sections below for guidance on the typical environmental requirements for Geotech work.

### Nest Survey

Prior to vegetation disturbance (i.e. driving on vegetation), a nest survey may be required. Coordinate with EAD on the applicability for your project site. A nest survey guidance map indicating the nesting survey seasons based on habitat can be accessed [here](#). If a nest survey is required for your project, it will need to be conducted within 5 days prior to the vegetation disturbance.

## SWPPP/ECP

Projects that disturb less than 1 acre will be required to have an Erosion Control Plan (ECP). The ECP will need to be reviewed and approved by EAD prior to the start of work. The ECP template can be accessed [here](#).

Projects that disturb greater than 1 acre will require a SWPPP. DFW airport is a secondary operator on all SWPPPs. EAD will need to review and approve the SWPPP prior to the start of work. A list of the EAD SWPPP Checklist can be located [here](#).

## Soil Management

All soil disturbing activities shall adhere to the requirements in the DFW Contaminated Media Management Plan. The full document can be accessed [here](#).

When feasible, soil should be returned to the excavation. If soil cannot remain onsite (i.e. hydro-excavation slurry), the project will need to work with EAD to arrange a soil transfer. Soil will need to be field screened or sampled, depending on the contaminants of concern. EAD will provide guidance on sampling parameters based on the project area. Clean soil may be transferred to another project on DFW property; or taken to a DFW approved disposal facility. Contaminated soil must be properly profiled and disposed of at a DFW approved disposal facility. All soil transfers will need to submit an Excavation Soil Management form, and Environmental Authorization to Transfer Soil form to EAD for review and approval.

## Staging Area

If a project is unable to stage the soil on-site while awaiting laboratory analysis, then they may request access to DFW's Soil Triage Yard.

All potentially impacted and contaminated soils/slurry should be containerized and moved to a designated Soil Triage Yard (STY) while awaiting laboratory analytical results. The designated STY may be used to stage these soils/slurry for 90 days (maximum). A request to use the STY needs to be submitted using the Environmental Authorization to Transfer Soil Form.

Soils/slurry staged at an STY need to be contained in a manner which prevents potential contaminants from being released to the environment. Drums must be placed on a wood pallet to keep the bottom of the drum off the ground. Drums must be properly labeled with a weatherproof sticker indicating contractor's name, project number, contact name and phone number, and date of generation. Slurries must be stored in a closed water-tight container. It is the Contractors' responsibility to stage the soil/slurry with appropriate protection, adequate for the chemical of concern identified in the pro-

ject-specific SMP and inspect the area regularly to ensure continued compliance.

### Waste Profiling

DFW has identified areas of concern that may contain contaminants based upon previous airport activities or known areas of environmental impact. Excess boring cuttings may be placed back into the bore hole. Non contaminated excess soils cuttings may be spread onto the ground in undeveloped areas of the airport (requires EAD approval). In developed areas with known areas of concern, excess soil cuttings must be containerized in a drum or other container. These containerized soils must then be sampled for a list of contaminants of concern provided by EAD. At a minimum, the soils shall be analyzed for TPH and BTEX if they are to be taken to the EMMS, on site soil stockpile, or to a landfill. All slurry wastes from utility locating or other activities must be taken off site for disposal. DFW does not currently have a location to disposed of slurry wastes. The contractor shall coordinate the waste profiling and disposal with EAD and the proposed disposal facility. The EAD Waste Project Manager Jared Black shall be contacted at 972-973-5584 or [jblack@dfwairport.com](mailto:jblack@dfwairport.com).