ALICEVILLE DERAILMENT
TASK PLAN

Track Bed Soil Sampling and Assessment Plan

Objective: The objective of this procedure is to document soil quality in the roadbed prior to reconstruction of the tracks.

Safety: Site personnel will review and adhere to the site-specific Health and Safety Plan (HASP).

Procedure: The following procedures will be implemented for this task.

1. The area of disturbance within the track bed will be measured using a rolling measuring wheel to determine the linear extent of impacts resulting from the derailment and subsequent remedial actions.
2. Discrete soil samples will be collected from the surface 0-6" interval approximately every 30' linear feet along the centerline of the track.
3. Three soil samples will be collected at from the bottom of the excavated area constructed as part of the culvert installation. The excavated area measures approximately 100' long x 60' wide x 20' deep. Overburden from the excavated area will be used in the construction of an earthen berm on both sides of the culvert, subsequently removed and staged south of the derailment site. Soil characterization of the stockpiled soils will be addressed in a separate plan. Additional boom deployment in the interim adjacent to the earthen berm will be addressed in a separate plan.
4. Documentation will be conducted by CTEH® personnel concurrent with sampling activities and will include relevant information including: GPS coordinates, soil type, soil color, sample time/date/ID, etc. Documentation will be recorded electronically or in a project-dedicated field book.
5. Samples will be placed directly into laboratory provided pre-cleaned jars. Samples will be submitted for independent laboratory analysis for Volatile Organic Compounds (VOCs) and Semi-Volatile Compounds (SVOCs), using USEPA methods 8260 and 8270, respectively.
6. In accordance with the QAPP prepared for the incident, one duplicate sample will be collected for each 10 samples collected in the field.
7. Samples will be submitted to TestAmerica Laboratories in Pensacola, Florida for the specified analysis.

	Name/Position	Signature	Date Signed
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