

From: Deni Chambers - Northgate

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To: Keith Bailey, Susan Crowley, Tom Reed - Tronox

RE: Scope for Additional Sampling - Phase B Investigation, Area 1

OBJECTIVE

Evaluate the vertical extent of hexachlorobenzene (HCB) and dioxin-impacted soil in order to provide information for remediation planning and supplement post-excavation confirmation sampling.

SCOPE OF WORK

Soil sample and analysis will be conducted at Phase B locations where dioxin and HCB concentrations exceeded BCLs (this also includes RSAL8, where the dioxin toxicity equivalent (TEQ) of 912 picograms per gram (pg/g) in shallow soil samples.

Sampling Methodology:

- Borings will be advanced using a hollow-stem auger drill rig with continuous sampling performed using a split-spoon sampler equipped with stainless steel liners.
- Samples will be collected as follows:
 - In 25 locations, samples will be collected from 12 to 18 inches and 18 to 24 inches below ground surface and will be analyzed for dioxin using the EPA Method 8290 and for HCB using EPA Method 8270.
 - Sampling methodology will follow BMI SOPs.