

**From:** [Helton, Kelsey](#)  
**To:** ["Miller, Scott"](#); [Kestle, Rusty](#)  
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**Subject:** DEP Review of the Koppers Former South Lagoon Preliminary Design and Design Work Plan dated April 29, 2015  
**Date:** Monday, July 06, 2015 4:53:02 PM  
**Attachments:** [Koppers24.pdf](#)

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Scott and Rusty-

DEP has reviewed the above referenced work plan. Review comments are provided in the attached comments from the DEP Office of District and Business Support , DWM and below.

In particular, DEP emphasizes the following based on our review of the work plan and observations of the results of the former process area characterization and pilot study-

- 1) At a minimum, characterization boring locations in the South Lagoon area should be spaced no greater than the 40' X 40' grid spacing previously applied in the former process area to ensure adequate characterization to evaluate and design the ISGS application.
- 2) We strongly recommend that all borings in the South Lagoon area be completed as "TIPS", similarly to the former process area. This will facilitate a more thorough identification of areas of mobile DNAPL and more comprehensive post-injection monitoring to support evaluation of the response of DNAPL to ISGS treatment.

Thank you for consideration of these comments.

Kelsey

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