

**From:** [Helton, Kelsey](#)  
**To:** "Manu Sharma"; [Scott Miller](#)  
**Cc:** [Wayne Reiber](#); [John Mousa](#); [jherbert@geohydroconsultants.com](mailto:jherbert@geohydroconsultants.com); [huttonrh@gru.com](mailto:huttonrh@gru.com); [Osteen.Bill@epamail.epa.gov](mailto:Osteen.Bill@epamail.epa.gov); [Meghna Swamy](#); [Taylor, Mark](#); [Chapman Ross](#); [Kulakowski, Zoe](#); [Helton, Kelsey](#)  
**Subject:** RE: Hawthorn Group Investigation Work Plan  
**Date:** Wednesday, October 03, 2012 6:40:44 PM  
**Attachments:** [CabotCarbon4.docx](#)

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Scott, Manu-

Please find attached, DEP review comments of the above referenced document for the Cabot Carbon/Koppers site. Overall, the revised work plan has addressed previous DEP review comments.

In particular, DEP cautions against inappropriate compositing of soils from different borings. We acknowledge that in the saturated zone, compositing over a limited vertical interval within the same boring may make sense based on field observations, to support evaluation of potential pine tar sources and identify zones for remediation. We request that the work plan clarify the basis for selection of those saturated zones for vertical compositing and what maximum vertical interval is being considered for compositing in the saturated zone.

We look forward to completion of the field work and receipt of the data, and recommendations for permanent monitoring wells and remedial treatability testing.

*Kelsey*

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*Please take a few minutes to share your comments on the service you received from the department by clicking on this link [DEP Customer Survey](#).*

**From:** Manu Sharma [mailto:MSHARMA@gradientcorp.com]

**Sent:** Thursday, September 06, 2012 11:26 AM

**To:** Scott Miller

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**Subject:** Hawthorn Group Investigation Work Plan

Hi Scott:

Attached please find the detailed work plan for conducting the supplemental Hawthorn Group

Investigation work at the Cabot portion of the Site. This work plan provides additional details regarding the procedures to be used to conduct the activities and builds on the conceptual level that was previously shared with this group. Comments received on the conceptual work plan have been addressed and incorporated into this document. Please let us know if you have any comments.

Regards,

Manu

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