

From: [John Herbert](#)
To: "[Chapman Ross](#)"; "[Kestle, Rusty](#)"
Cc: "[Wayne Reiber](#)"; "[Meghna Swamy](#)"; "[Taylor, Mark](#)"; "[Carl Elder](#)"; "[Manu Sharma](#)"; [John Mousa](#); "[Helton, Kelsey](#)"; "[Hutton, Richard H](#)"; Miller.Scott@epamail.epa.gov; "[Stanley Feenstra](#)"; "[Richard Jackson](#)"; "[Neil Thomson](#)"
Subject: RE: ISCO Bench Test Work Plan
Date: Thursday, June 06, 2013 5:20:47 PM

Chapman,

GRU has two comments to the work plan:

1. We question the proposed sequence for adding materials assembling sample reactors. The stated sequence starts by placing soil in the vessel, then adding concentrated oxidant from a stock solution, and then adding site groundwater. We wonder about the reaction of the concentrated oxidant with the soil before dilution by the groundwater. See Section 3.2 Background Non-Target Oxidant Demand Tests – for example.
2. We expect the delivery of oxidants to the COCs in situ in the Hawthorn Group at this site to be a challenge – and ozone especially so.

Neil will send you any comments he may have early next week.

Thanks Chapman.

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From: Chapman Ross [<mailto:CRoss@Geosyntec.com>]
Sent: Tuesday, May 28, 2013 12:04 PM
To: 'Miller.Scott@epamail.epa.gov'
Cc: Wayne Reiber; Meghna Swamy; Taylor, Mark; Carl Elder; Manu Sharma; 'John Mousa'; 'Helton, Kelsey'; 'John Herbert'; 'Hutton, Richard H'
Subject: ISCO Bench Test Work Plan

Hello Scott,

See attached ISCO Bench Test Work Plan and cover letter for the Cabot Carbon/Koppers Superfund Site.

Regards,
Chapman Ross

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