

From: Miller.Scott@epamail.epa.gov
To: [John Mousa](#); [John Herbert](#); [Hutton, Richard H](#); [Helton, Kelsey](#); [Robin Hallbourg](#)
Cc: Osteen.Bill@epamail.epa.gov
Subject: Fw: Cabot Updated Interceptor Trench Effectiveness Study
Date: Tuesday, October 07, 2008 4:29:05 PM
Attachments: [Fig1_alternateProposedLocs.pdf](#)
[Groundwater diagram.pdf](#)

Greetings, All,

Attached is an updated approach to tackling the Cabot Interceptor Trench effectiveness study at the Cabot portion of the Cabot/Koppers Superfund Site. Due to Gatorland Toyota's refusal to allow Cabot access, this change is necessary. Please provide comments that you may have as well as indicate which of the two proposed alternatives that you would prefer be implemented.

Thank you,

Scott Miller
Remedial Project Manager
Superfund Division
Superfund Remedial Branch
Section C
U.S. EPA Region 4
61 Forsyth Street, SW
Atlanta, GA 30303
Phone (404) 562-9120
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----- Forwarded by Scott Miller/R4/USEPA/US on 10/07/2008 04:23 PM -----

"Manu Sharma"
<MSHARMA@gradientcorp.com>
To
Scott Miller/R4/USEPA/US@EPA
10/07/2008 04:20 PM cc
"Meghna Swamy"
<MSwamy@gradientcorp.com>, <wayne_reiber@cabot-corp.com>
Subject
RE: Fw: Gainesville

Scott:

Attached please find the 2 figures referenced in my email. Thanks.

Manu

-----Original Message-----

From: Miller.Scott@epamail.epa.gov [<mailto:Miller.Scott@epamail.epa.gov>]

Sent: Tuesday, October 07, 2008 3:59 PM
To: wayne_reiber@cabot-corp.com
Cc: Manu Sharma; Meghna Swamy
Subject: Re: Fw: Gainesville

Wayne,
Thank you for the information. Could you or Manu rename the file and remove the "zip" extension. For some reason, our server strips away files that end in .zip. Please re-name with a non-zip extension.

Scott Miller
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wayne_reiber@cabot-corp.com

10/07/2008 03:32 PM To Scott Miller/R4/USEPA/US@EPA cc

MSHARMA@gradientcorp.com,
MSwamy@gradientcorp.com
Subject
Fw: Gainesville

Scott--

Please review the note below from Manu Sharma at Gradient. Given the objective of this work, sampling to the east side of the Toyota dealership property would yield meaningful data to address far-field concerns.

While clearly a further distance away from the trench than preferred, these locations avoid the stagnation zone that would not provide good quality data for our needs. Sampling to a location to the west of the originally proposed wells would likely be within the stagnation zone and would not meet our data needs.

Let me know what you think.

Regards,

Wayne

Wayne M. Reiber
Manager, Environmental Assessment and Remediation

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----- Forwarded by Wayne Reiber/Boston/Cabot on 10/07/2008 03:09 PM

"Manu Sharma"
<MSHARMA@gradient
corp.com>
To <wayne_reiber@cabot-corp.com>
10/06/2008 10:51
cc AM "Meghna Swamy"
<MSwamy@gradientcorp.com>
Subject Gainesville

Wayne:

Since Gatorland Toyota is denying access to install the initially proposed vertical profiling points, we have identified two other alternatives to evaluate the effectiveness of the groundwater interceptor trench (see attached Figure 1):

Alternative 1: Along the eastern right of way of North Main Street

Alternative 2: East of Gatorland Toyota.

Due to the proximity of the proposed vertical profiling locations to the

interceptor trench in Alternative 1, it is possible that the lower samples at these locations (i.e., samples near the base of the surficial aquifer) may screen the Stagnation Zone associated with the interceptor trench (see attached sketch). If this were the case, the groundwater quality data from the lower depths of the Vertical Profiling points would be representative of the localized Stagnation Zone and not truly reflective of conditions downgradient of the trench. Given this uncertainty, my preference would be to choose Alternative 2. The Alternative 2 locations are away from the stagnation zone and will serve as a much better surrogate of groundwater quality that potential receptors may be exposed to.

Please feel free to call if you have any questions or would like to discuss this further.

Regards

Manu

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(See attached file: Fig1_alternateProposedLocs.pdf)(See attached file: Groundwater_diagram.pdf)