

From: [Tisa, Kimberly](#)
To: [Chet Myers](#); [Lederer, Dave](#)
Cc: [Catri, Cindy](#)
Subject: RE: Geotechnically Unsuitable Soils SAP
Date: Wednesday, July 31, 2013 7:35:51 AM
Attachments: [image001.jpg](#)
[image002.png](#)
[image003.png](#)

Chet-

If you only have a single stockpile at this point, it may be better to sample as-is. I've got more than one site where we have done composite sampling by dividing the stockpile up both laterally and vertically.

If you want to give me a call, I can tell you what we've done. That may be more expeditious.

Kimberly N. Tisa, PCB Coordinator (OSRR07-2)
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From: Chet Myers [mailto:cmyers@apexcos.com]
Sent: Tuesday, July 30, 2013 4:51 PM
To: Lederer, Dave
Cc: Tisa, Kimberly; Catri, Cindy
Subject: RE: Geotechnically Unsuitable Soils SAP

Hi Dave, Kim and Cindy,

Thanks for the comments and clarification. We are working on the drawing that should provide further clarity as to the disposition of the topsoil material and the source location for that material.

May we ask Kim for guidance on the sampling methodology issue?

Will a subdivision of the soil pile into 5, roughly volumetrically equal sections, and composite samples within those sections consisting of a minimum of three sub-samples of soil collected from various vertical horizons within the section be acceptable? Or is compositing frowned upon in this situation and would grab samples be more acceptable?

Thanks,

**Chet Myers****Apex Companies, LLC**125 Broad Street, 5th Floor
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From: Lederer, Dave [<mailto:Lederer.Dave@epa.gov>]**Sent:** Tuesday, July 30, 2013 4:26 PM**To:** Chet Myers**Cc:** Tisa, Kimberly; Catri, Cindy**Subject:** FW: Geotechnically Unsuitable Soils SAP

[Here are comments generated by Kim Tisa with regard to the Geotechnical unsuitable soil plan submitted by you on 7/22/2013](#)

From: Tisa, Kimberly**Sent:** Tuesday, July 30, 2013 10:01 AM**To:** Lederer, Dave**Cc:** Catri, Cindy**Subject:** RE: Geotechnically Unsuitable Soils SAP

Dave-

While I thought we may be able to consider this as a general plan, I now think we will need to consider it on a case-by-case basis. I understand that there are current stockpiles at this site.

There, I will need the following information to complete review of the plan I have:

1. Figure showing the location(s) where the stockpiles materials were generated from
2. # of stockpiles currently existing
3. A figure showing the in situ PCB concentrations at the site, including the newly generated data for the Excluded Shuster parcel.
4. The proposed disposition of the stockpiled materials
5. While the # of samples per cubic yards are provided, it is unclear how these samples would be collected. This needed to be in the plan.

In addition to the above, I provide the following comments on the plan I currently have:

1. Section 3.3 references "sediment" sampling.
2. Section 3.2. It is indicated that the volume of soil will be rounded to the nearest whole number. EPA would require it to be rounded up to the nearest whole #, not down. Thus for 443 cubic yards, the total samples would be 5, not 4.
3. Section 3.5. For the lab methods, please be aware that the appropriate sample extraction method is 3540C (soxhlet extraction). This should be included with the analytical method, 8082 with NT ECD peaks.

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From: Lederer, Dave
Sent: Tuesday, July 23, 2013 1:53 PM
To: Tisa, Kimberly
Cc: Catri, Cindy
Subject: RE: Geotechnically Unsuitable Soils SAP

Kim and Cindy:

Please route your comments through me. Thanks

Dave

From: Chet Myers [<mailto:cmyers@apexc.com>]
Sent: Monday, July 22, 2013 5:49 PM
To: Tisa, Kimberly
Cc: Lederer, Dave; Catri, Cindy
Subject: Geotechnically Unsuitable Soils SAP

Hi Kim,

As we discussed on the phone, attached please find a Sampling and Analysis Plan for Geotechnically Unsuitable Soils, as required by Appendix J(1) of the EPA Final Determination For the South Terminal Project.

If you have a chance to review and quickly get back to us, we would sincerely appreciate it.

Thanks!



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