From:	Nuchims, Eric
To:	Boykin, Michael; Fetters, Jeff
Cc:	Nordeen, Renee
Subject:	RE: reorganized sampling approach
Date:	Friday, October 09, 2015 3:37:05 PM

Mike

Here are Jeff Fetters' additional language to help to clarify what was completed during geoprobe operations.

Downhole PID readings were not collected during this investigation.

Below is a description of how the START screened the soil cores utilizing a PID prior to soil sample collection.

During the subsurface source investigation, the Geoprobe rig was used to push rod and a sampler loaded with a dedicated PVC sample sleeve. Samplers were advanced at 4-foot intervals.

Upon removal of rod/sampler from the borehole, the PID was used at ground surface to monitor conditions in the borehole. The rod and sampler were not removed from the borehole until the sample team was ready to screen the borehole. Again, no down hole PID readings were collected.

After the borehole was screened, the sample sleeve was removed from the sampler, and opened by cutting the sleeve. After cutting the PVC sleeve, a dedicated stainless-steel spoon was used to expose soil in each area of interest within the core, followed by screening with a PID. Once PID screening was complete, VOC and TPH-Gx aliquots were removed directly from the sampling sleeve using 5-gram Core-N-One™ samplers. Remaining sample material was transferred to a dedicated stainless steel bowl, thoroughly homogenized, and placed into pre-labeled sample containers. Collected samples were them placed in a cooler on ice.

From: Boykin, Michael [Boykin.Michael@epa.gov]
Sent: Friday, October 09, 2015 5:31 PM
To: Fetters, Jeff
Cc: Nuchims, Eric; Nordeen, Renee
Subject: reorganized sampling approach

Jeff, am I using the right terminology as I am trying to make it more official and linear. Please comment on below.

Downhole PID readings were not collected during this investigation.

Below is a description of how the START screened the geoprobe core sleeve with a PID before soil sample collection.

During the subsurface source investigation, the Geoprobe rig was used to push rod and a sampler with a dedicated Teflon-lined sleeve. Upon removal of rod/sampler from the borehole, the sleeve is removed from the sampler, and opened by cutting a portion of the sleeve.

A dedicated stainless-steel spoon is used to expose soil in each area of interest in the core followed by screening with a PID. As each sample core was retrieved from the hole, the PID was used at ground surface to monitor conditions in the borehole.

Sincerely,

Mike

Michael Boykin
Federal On-Scene Coordinator (FOSC)
US EPA Region 10
Emergency Management Program
1200 Sixth Avenue, Suite 900
ECL-133
Seattle, WA 98101
boykin.michael@epa.gov
Office 206.553.6362
Fax 206.553.0175

Message scanned by the Symantec Email Security service. If you suspect that this email is actually spam, please send it as an ATTACHMENT to spamsample@messagelabs.com