From:	Henderson, Kim/SDO
To:	Stoick, Paul T CIV USN (USA)
Cc:	Roddy, Elizabeth A CTR USN (USA); Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA); Hackett, John/DEN
Subject:	[Non-DoD Source] RE: HPNS Rad Background Study Kick-off/Schedule/Sampling Coordination
Date:	Friday, June 07, 2019 14:07:37
Attachments:	SP-SAR-2019-02.pdf

Hi Paul,

See responses below.

Thanks!

Kim Henderson, PG, LEED GA
Project Manager
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CH2M is now Jacobs.
www.jacobs.com

From: Stoick, Paul T CIV USN (USA) <paul.stoick@navy.mil>
Sent: Tuesday, June 4, 2019 12:48 PM
To: Henderson, Kim/SDO <Kimberly.Henderson@CH2M.com>
Cc: Liz Roddy <elizabeth.roddy.ctr@navy.mil>; Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) <derek.j.robinson1@navy.mil>
Subject: [EXTERNAL] HPNS Rad Background Study Kick-off/Schedule/Sampling Coordination

Kim,

Dante Rodriguez is the primary EPA RPM that will be over-seeing the fieldwork for the rad background study and rework investigation. He called with a few questions that we need to figure out.

1. Split Sampling Procedures.
   The EPA will be performing 100% oversight of the sampling effort for the background data collection, and will be taking split samples. We need to coordinate with them on where/when we will be sampling. Are we planning a kick-off meeting to discuss these logistics? If not, could we plan for a kick-off meeting with agencies within the 3 weeks of pre-mobilization during permitting/etc.

   Yes, let's have a pre-pre-kick-off meeting with EPA to discuss how many split samples they want to take and from where, how much soil they expect (because for example, for the off-site RBA we are only sampling 6" intervals based on the site visit with USGS and the amount of soil collected may be minimal/less), and logistics. It would be good to have this meeting prior to the typical pre-mobilization meeting. We should also discuss what their plan is for data evaluation and how they will use this data (e.g., do they have DQOs/SAP?), because the methodologies and results could differ.

2. Scanning Procedures.
   It sounds like the EPA will be replicating our surface scanning of the background areas. They

were looking for scanning procedures/SOP as well as specific equipment questions (mounting platform, RS-700 ROI settings, etc.) Would it be worth the having a call with Navy/Jacobs and agency HPs for this info? They are looking for the information to make sure they send the same equipment for replication so likely need this sooner than later.

Perma-Fix plans to use the Ludlum Model 44-20 (3 inch by 3 inch NaI detector) listed in Table 3-3 in Appendix C coupled to an MCA with automated data logging for the gamma scans. We've requested details from Perma-Fix and will forward them along when they get back to us.

3. Access Agreement

   Do you have a copy of the Access Agreement/Easement for the park? I can ask Liz/Beth as well. EPA is looking to see if it include oversight agencies in the agreement to allow them access....

   See attached.

Thanks!

V/r,

Paul Stoick, P.E.
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