Message

From: Bacey, Juanita@DTSC [Juanita.Bacey@dtsc.ca.gov]
Sent: 9/23/2021 3:21:20 PM
To: Stoick, Paul T CIV USN NAVFAC SW SAN CA (USA) [paul.t.stoick.civ@us.navy.mil]
CC: Roddy, Elizabeth A CIV USN NAVFAC SW SAN CA (USA) [elizabeth.a.roddy3.civ@us.navy.mil]; Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) [derek.j.robinson1.civ@us.navy.mil]; Liscio, Matthew P CIV USN NAVSEA DET RASO VA (USA) [matthew.liscio@navy.mil]; Praskins, Wayne [Praskins.Wayne@epa.gov]; Han, Terry@CDPH [terry.han@cdph.ca.gov]
Subject: RE: HPNS Parcel G Draft Field Change Request - Sr-90 Method Update
Attachments: CDPH Response to HPNS Parcel G Rework FCR-006 Final.pdf

Hi Paul,
CDPH has reviewed FCR-006 pertaining to the SR-90 Method Update. We are providing the attached comment memo. Please reach out to Terry directly if you have any questions.
As a reminder, I will be out of the office from September 24th through October 11th.

Nina

From: Stoick, Paul T CIV USN NAVFAC SW SAN CA (USA) <paul.t.stoick.civ@us.navy.mil>
Sent: Tuesday, September 14, 2021 9:50 AM
To: Praskins, Wayne <Praskins.Wayne@epa.gov>; Bacey, Juanita@DTSC <Juanita.Bacey@dtsc.ca.gov>; Han, Terry@CDPH <Terry.Han@cdph.ca.gov>
Cc: Roddy, Elizabeth A CIV USN NAVFAC SW SAN CA (USA) <elizabeth.a.roddy3.civ@us.navy.mil>; Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) <derek.j.robinson1.civ@us.navy.mil>; Liscio, Matthew P CIV USN NAVSEA DET RASO VA (USA) <matthew.liscio@navy.mil>
Subject: HPNS Parcel G Draft Field Change Request - Sr-90 Method Update

Wayne/Nina/Terry,

As discussed over the last couple of months, the Navy contractor has drafted a field change request to update the Sr-90 Method. In general, the current laboratory method has a higher uncertainty due to the sample preparation procedure. The higher uncertainty interferes with evaluating very low Sr-90 concentrations associated with the Sr-90 Remedial Goal. The updated method preparation procedure includes a larger aliquot size (2.5 grams) and 14-day ingrowth which should lower measurement uncertainty. The full Standard Operating Procedure (SOP) is attached to the Field Change Request.

In addition, the Field Change Request includes decision criteria for confirming samples results, consistent with Work Plan Section 5.3.2. Confirmation of sample results with elevated activity will include the following:

- Sr-90 results will immediately (to the maximum extent practical) be recounted by the laboratory.
- If the recounted sample is below the RG, then the initial result will be considered a false positive.
- If a recount of the sample is not possible, or the recount sample result exceeds the RG, two (2) additional aliquots will be collected from the sample and analyzed for Sr-90.
- If the results of both of the additional aliquots are below the RG, then the original result will be considered a false positive. If either one of the two additional aliquot results is above the RG, then the sample will be considered an exceedance.

The draft field change request is pending Navy Quality Assurance Officer signature to be finalized.

Please let me know if you have any questions or feedback. We can also discuss this afternoon.

Thanks!

V/r,

Paul Stoick, P.E.
Environmental Engineer
Lead Remedial Project Manager - Hunters Point
☎ 619-524-6041 | paul.t.stoick.civ@us.navy.mil

NAVFAC Southwest - Navy BRAC PMO West
33000 Nixie Way
Bldg 50, 2nd Floor
San Diego, CA 92147

https://bracpmo.navy.mil/ | http://www.navfac.navy.mil/go/erb