Ex. 5 AC/DP

From: Christina Rain [mailto:crain@Langan.com]
Sent: Tuesday, September 20, 2016 3:55 PM
To: LEE, LILY <LEE.LILY@EPA.GOV>
Cc: Amy Brownell <Amy.Brownell@sfdph.org>
Subject: RE: Thallium analytical results at Hunters Pt Parcel G

Hi Lily,

I'm following up on your email below. The Navy has reviewed the files for the Final Tank Closure Report (with thallium data from 2000) from the Federal Records Center. Unfortunately the Navy was not able to provide any additional information beyond what we have already reviewed. The Navy has offered to contact the contractor to see if they have a more complete record for the 2000 data, but it is uncertain whether any info would be available (IT Corp has since declared bankruptcy with all assets sold). Please let me know if you have any questions or would like to discuss.

Thanks,

Christina Rain, P.E.
Project Engineer

Direct: 415.955.5247
Mobile: 925.818.5479

LANGAN TREADWELL ROLLO

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Langan's goal is to be SAFE (Stay Accident Free Everyday)

From: LEE, LILY [mailto:LEE.LILY@EPA.GOV]
Sent: Thursday, June 23, 2016 8:43 PM
To: Christina Rain
Subject: RE: Thallium analytical results at Hunters Pt Parcel G

Did the Navy not have the info in its Administrative Record?

Lily Lee
Cleanup Project Manager
Superfund Division
U.S. Environmental Protection Agency, Region 9
75 Hawthorne St. (SFD-8-3)
San Francisco, CA 94105
Tel: 415-947-4187, Fax: 415-947-3518
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From: Christina Rain [mailto:crain@Langan.com]
Sent: Monday, June 20, 2016 12:46 PM
To: LEE, LILY <LEE.LILY@EPA.GOV>
Cc: Brownell, Amy (DPH) <Amy.Brownell@sfdph.org>
Subject: RE: Thallium analytical results at Hunters Pt Parcel G

Hi Lily,

As discussed, we were unable to locate the specific information identified in items 2 and 3, as requested in your email below. We completed a review of the City's Hunters Point archives and requested the information from the Navy, but were successful in obtaining very limited information.

Nevertheless, it is our opinion that there is a high likelihood that the reported thallium data includes false positives due to severe matrix effects associated with the analytical method used at the time (ICP-AES). Given your and Joseph's understanding of the challenges with this analytical method, would you agree to excluding the thallium data without the additional information?

The link below includes the information (report excerpts) that we were able to compile for thallium data reported above RSLs, as described in the attached spreadsheet. The most complete information we found was an analytical report for the most recent samples collected in 2000: U302-1-SC006, U302-3-SC009, U302-SC005, U302-SC006, and U302-SC007. We're planning on reaching out once more to the Navy to see if they have a more complete record for the 2000 data, but otherwise have no additional leads.

Please feel free to reach out to me if there is anything else that would facilitate your review. I appreciate your time and effort looking into this matter.

New files have been posted for you at the Langan Client Services site and can be retrieved until 6/30/2016 by clicking on the link below.

http://clients.langan.com/lph/default.aspx?postTransaction=186975847

AB-72 2892 Final Tank Closure Report Vol II excerpt_Data U302.pdf
AB-72 2892 Final Tank Closure Report Vol II excerpt_Lab Report U302.pdf
AB-69 2557 Vol II Parcel D RMR excerpt_data IR37B026 and 27.pdf
AB-69 2556_Vol II Parcel D RMR excerpt_sample collection IR37B026 and 27.pdf
AB-69 2294 Parcel D RI excerpt_App K and L QC and Data Management.pdf
AB-69 2294 Parcel D RI excerpt_App M lab data IR33B114 and IR33B115.pdf
AB-69 2294 Parcel D RI excerpt_App M lab data IR33B117.pdf
AB-69 2294 Parcel D RI excerpt_App M lab data IR-37_ -65_ -66_ -67_ -71.pdf

Should you have any questions regarding the use of the Langan Client Services, please contact Langan IT (helpdesk@langan.com).

Thanks,

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Direct: 415.955.5247
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From: LEE, LILY [mailto:LEE.LILY@EPA.GOV]
Sent: Wednesday, February 03, 2016 5:25 PM
To: Brownell, Amy (DPH)
Cc: Eidelberg, Joseph; Christina Rain
Subject: Thallium analytical results at Hunters Pt Parcel G

Dear Amy,

It was good to talk to you just now. I'd like to introduce you virtually to Joe Eidelberg, who is the Federal Facility lead in EPA Region 9 QA/QC group. He is familiar with the analytical challenges related to thallium in the time period of sampling. He will evaluate the thallium results that we have seen in the attached spreadsheet. To do so, he has requested this information:

1 – Concentrations of calcium, iron, and lead in the same samples
2 – quality control sample (ICS 1 or 2 or ICS A or B)
3 – list of interference correction factors in the front of the lab packet

Attached is a list of the 10 sample results exceed the Hunters Point Ambient Level (HPAL) level (0.81 ppm) and also exceed 5 X the June 2015 RSL for Thallium (5 X 0.078 ppm). Could you or Christina please send this information to Joe (cc me)?

Thanks!

Dear Joe,

Amy is from the City of San Francisco Dept of Public Health focusing on the Hunters Pt Naval Shipyard Superfund site. Christina Rain is her consultant. Thank you for offering to do the calculations regarding the thallium concentrations.

- <!--[if !supportLists]--><!--[endif]-->Lily

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