To: Conlan, Linda[Linda.Conlan@amec.com]
Cc: Gerry Pepper[gerald.pepper@gmail.com]; Hardcastle, Calvin[Calvin.Hardcastle@amec.com]
From: Santos, Carmen
Sent: Tue 7/22/2014 12:40:19 PM
Subject: RE: Pechiney - Deep Structure

Hello Linda:

I will try to call you today July 22nd. Please let me know your availability.

Thank you.

Sincerely,
Carmen

Carmen D. Santos
PCB Coordinator
USEPA Region 9 (LND-4-1)
Land Division
75 Hawthorne Street
San Francisco, CA 94105
Voice: 415.972.3360
santos.carmen@epa.gov

"Think left and think right and think low and think high. Oh, the thinks you can think up if only you try!" Dr. Seuss

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Before printing this message and/or attachments, think if it is necessary. Think Green.

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From: Conlan, Linda [mailto:Linda.Conlan@amec.com]
Sent: Monday, July 21, 2014 3:25 PM
To: Santos, Carmen
Cc: Gerry Pepper; Hardcastle, Calvin
Subject: Pechiney - Deep Structure
Importance: High

Hi Carmen,

As a follow-up to my voice message on Friday, we have a deep structure (vertical pit) within the southern potion of the 4A/4B excavation area that extends to a depth of about 60 feet (concrete and sheet piling). The structure is about 18 feet long by 16 feet wide. The 4A/4B area is located on the west side of the property. This structure was backfill in placed sometime in the late 1970s. The structure has been cut down to an elevation of about 170 feet msl; about 10 feet below native grade in the same manner as the other deeper structures on site. Samples of the backfill material and accessible concrete on the inside of the cut concrete surface of the structure (the exterior is covered with thick metals sheet piling and is not accessible) were collected and the PCB concentrations are listed below.

- Backfill material samples - PCBs at 10.6 and 12 mg/kg
- Interior concrete samples – PCBs at 4.5 and 4900 mg/kg

We plan to cover the structure with a 6-inch thick concrete barrier/mushroom cap (which will be in contact with the structure), similar to other structures, and we will place the orange warning layer over the concrete surface. The structure will be surveyed for the records/and the LUC.

This is the last structure that needs resolution, and we anticipate setting the form and pouring concrete over the structure on Wednesday of this week so that we can continue the backfill process in this area at the end of this week and into next week.

Please let us know if have any questions or need any additional information. Thank you for your time.

Regards, Linda

Linda Conlan, PG
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