From: "Vickstrom, Kyle E." <vickstromke@cdmsmith.com>
To: rbarth@anchorqea.com
younghs@cdmsmith.com
CC: "Peterson, Lance" <petersonle@cdmsmith.com>
"Sheldrake, Sean" <sheldrake.sean@epa.gov>
"Zhen, Davis" <Zhen.Davis@epa.gov>
"Scott Coffey" <coffeyse@cdmsmith.com>
jmott@anchorqea.com
"Guggenberger, Joe D." <guggenbergerjd@cdmsmith.com>
Date: 8/20/2018 7:27:54 AM
Subject: RE: Sediment Core Sampling - 8/14/18
Attachments: 2018-08-14_draining.jpg
2018-08-14_NAPL-on-deck.jpg
2018-08-14_SC-S109.jpg
ATT00001.txt

Hi Ryan,

I apologize for the delay in getting undistorted images to you from SC-S109 (to clarify your previous question, all images are from SC-S109, not SC-S106). The undistorted images are attached to this email.

Also, I will search through our records to find photos/descriptions of the core collection at SC-S105. I hope that you have a good day.

Best,

Kyle Vickstrom, E.I.
CDM Smith | 9200 Ward Parkway, Suite 320 | Kansas City, MO 64114
T: 425-519-8372 | M: 816-260-0669 | E: vickstromke@cdmsmith.com

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From: Ryan Barth <rbarth@anchorqea.com>
Sent: Thursday, August 16, 2018 9:01 AM
To: Young, Howard S. <younghs@cdmsmith.com>
Cc: Peterson, Lance <PetersonLE@cdmsmith.com>; Sean Sheldrake <sheldrake.sean@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>; Coffey, Scott <CoffeySE@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Jen Mott <jmott@anchorqea.com>
Subject: RE: Sediment Core Sampling - 8/14/18

Thanks Howard. The photos came through in my email highly distorted – would you mind sending them to me again but perhaps providing as attachments rather than embedding them in the email? Also, the initial text states the core was collected at location SC-S109 but the Photo 1 descriptor text identifies location SC-S106. Please confirm whether Photo 1 shows location SC-S109.

Also, I reviewed my emails and I do not have any photos or descriptions of core collection at location SC-S105 (I do have processing photos and log information). As time permits, please forward that information if it is available.

Thanks again for continuing to provide me this information in a timely manner. Very helpful.

Ryan Barth, P.E.
Anchor QEA, LLC
rbarth@anchorqea.com
720 Olive Way, Suite 1900
Seattle, Washington 98101
Office: 206.287.9130

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Cell: 206.719.3605

From: Young, Howard S. <younghs@cdmsmith.com>
Sent: Tuesday, August 14, 2018 2:22 PM
To: Ryan Barth <rbarth@anchorqea.com>
Cc: Peterson, Lance <PetersonLE@cdmsmith.com>; Sean Sheldrake <sheldrake.sean@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>; Coffey, Scott <CoffeySE@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>
Subject: FW: Sediment Core Sampling - 8/14/18

Ryan,
The Pre-RD Group moved in to collect the last two sediment cores in the Gasco sediment area today. Here is some information from the field on the collection of the S109 core. The Pre-RD Group will be processing the cores tomorrow and we will give you an update on that.

Howard S. Young, LG | CDM Smith
14432 SE Eastgate Way, Suite 100 | Bellevue, WA 98007-6493
T: 425.519.8300 | Direct 425.519.8351 | Cell 206.491.4663 | younghs@cdmsmith.com | www.cdmsmith.com

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From: Guggenberger, Joe D.
Sent: Tuesday, August 14, 2018 9:00 AM
To: Zhen, Davis <Zhen.Davis@epa.gov>; Sheldrake, Sean <sheldrake.sean@epa.gov>
Cc: Coffey, Scott <CoffeySE@cdmsmith.com>; Young, Howard S. <younghs@cdmsmith.com>
Subject: Sediment Core Sampling - 8/14/18

Good Morning Davis and Sean,

We collected sediment core SC-S109 this morning at river mile 6.2. The core was collected on the first attempt with a total depth of 13.4 ft and total recovery length of 10.8 ft (80.5% recovery). Please see the pictures below for details.

Photo 1: Sediment coring at SC-S106.

Photo 2: A small amount of NAPL was released from the bottom of the core barrel onto the deck. The deck was cleaned with an absorbent pad that was collected for containerization at storage building. This photo was taken immediately after the cleaning. No NAPL reached the harbor and no sheen was observed during coring.

Photo 3: Draining water from the core barrel

We are heading to SC-S070 next. Please let me know if you have any questions.

Sincerely,

Joe Guggenberger, PhD, PE
Environmental Engineer
CDM Smith

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