Message

From: Greg Brunkhorst [gbrunkhorst@anchorqea.com]
Sent: 3/17/2021 9:35:24 PM
To: Sanga, Ravi [Sanga.Ravi@epa.gov]
CC: dberlin@anchorqea.com
Subject: RE: Draft East Waterway Anthropogenic Background Evaluation Memo with MS word and excel files
Attachments: Final_dataset_2021-02-27.pdf; Final_dataset_2021-02-27.xlsx; GreenSuspendedSedAll_2021-01-28.xlsx; GreenSuspendedSedSummary_2021-01-28.xlsx; Metadata_Readme_2021-03-04.xlsx

Let me know if these work, thanks.

Greg Brunkhorst, PE

ANCHOR QEA, LLC
1119 Pacific Avenue, Suite 1600
Tacoma, WA 98402

C Ex. 6 Personal Privacy (PP)
D 206.971.2668

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From: Sanga, Ravi <Sanga.Ravi@epa.gov>
Sent: Wednesday, March 17, 2021 1:52 PM
To: Greg Brunkhorst <gbrunkhorst@anchorqea.com>
Subject: FW: Draft East Waterway Anthropogenic Background Evaluation Memo with MS word and excel files

CAUTION – EXTERNAL EMAIL: This email originated from outside of Anchor QEA. Please exercise caution with links and attachments.

Hi Greg Can you resend the Excel spreadsheets ? Apparently the files are corrupt with the originals. We have been able to review, but can seem to enter them into our records management system.

From: Kleppinger, Jeffery <Kleppinger.Jeffery@epa.gov>
Sent: Wednesday, March 17, 2021 1:17 PM
To: Sanga, Ravi <Sanga.Ravi@epa.gov>
Cc: Allbritton, Charles <Allbritton.Charles@epa.gov>
Subject: Fw: Draft East Waterway Anthropogenic Background Evaluation Memo with MS word and excel files

Hi Ravi,

Is it possible get a different copy of the 4 Excel spreadsheets you attached in this email request you sent us?

They are corrupt files and we haven't been able to successfully convert them to PDF so they can be properly uploaded to SEMS.

Thanks,

Jack

Jeff Kleppinger II
Superfund Records Center
Staffed by ASRC Federal,
Arctic Slope Mission Services (ASMS)
EPA Region 10
206-553-0240
R10-SF Records@epa.gov

From: Sanga, Ravi <Sanga.Ravi@epa.gov>
Sent: Friday, March 5, 2021 2:37 PM
To: Kleppinger, Jeffery <Kleppinger.Jeffery@epa.gov>
Cc: Allbritton, Charles <Allbritton.Charles@epa.gov>
Subject: Draft East Waterway Anthropogenic Background Evaluation Memo with MS word and excel files

Jeff Please file all the attachments and make an pdf of the e mail and file everything in the East Waterway Remedial site file. File in the post Feasibility Study Section of the file. Web publish add to the special collection and tag for the upcoming EW AR. Thanks

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From: Greg Brunkhorst <gbrunkhorst@anchorqea.com>
Sent: Friday, March 05, 2021 1:23 PM
To: Sanga, Ravi <Sanga.Ravi@epa.gov>; dberlin@anchorqea.com
Cc: Brick Spangler <Spangler.B@portseattle.org>; florer.j@portseattle.org; debra.williston@kingcounty.gov; jeff.stern@kingcounty.gov; pete.rude@seattle.gov; allison.crowley@seattle.gov; Merv Coover <merv.coover@erm.com>; dchiavelli@anchorqea.com; Allen, Elizabeth <allen.elizabeth@epa.gov>; Gardiner, William W CIV USARMY CENWS (USA) <William.W.Gardiner@usace.army.mil>
Subject: RE: Draft East Waterway Anthropogenic Background Evaluation Memo

Ravi, apologies for not letting you know sooner on these changes.

First, note that the value for PCBs is 31 ug/kg (as shown in the Executive Summary and Table 6-1) rather than 32 ug/kg (as shown in the Section 6 text). This is a typo that has been corrected in the attached PDF file.

Three things changed the total PCBs and arsenic values slightly during the final QC and review process.

1. We performed final QC of the USGS percent fines data. In that process, we updated some percent fines sample values based on a correspondence with Kathy Conn last month. We were previously pulling from a database file provided by USGS, but Kathy pointed us to Table 2 in Suspended-Sediment Transport from the Green-Duwamish River to the Lower Duwamish Waterway, Seattle, Washington, 2013–17 (usgs.gov) which contained final summarized percent fines data, which differed slightly from the database for several samples.
2. We performed the final ProUCL runs on the final dataset and selected statistical treatments that could be consistently applied to the UCLs and UTLs. The notes to Table 6-1 have additional details on the statistical treatments selected.
3. We rounded to 2 digits.

Let us know if you would like to discuss further.

Greg

Greg Brunkhorst, PE

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From: Sanga, Ravi <Sanga.Ravi@epa.gov>
Sent: Friday, March 5, 2021 8:50 AM
To: Dan Berlin <dberlin@anchorqea.com>
Cc: Brick Spangler <Spangler.B@portseattle.org>; Joanna Florer <florer.j@portseattle.org>; Debra Williston - Work <debra.williston@kingcounty.gov>; Jeff Stern <jeff.stern@kingcounty.gov>; Pete Rude <pete.rude@seattle.gov>; Allison Crowley <allison.crowley@seattle.gov>; Merv Coover <merv.coover@erm.com>; Greg Brunkhorst <gbrunkhorst@anchorqea.com>; Deborah Chiavelli <dchiavelli@anchorqea.com>; Allen, Elizabeth <allen.elizabeth@epa.gov>; Gardiner, William W CIV USARMY CENWS (USA) <William.W.Gardiner@usace.army.mil>
Subject: RE: Draft East Waterway Anthropogenic Background Evaluation Memo

CAUTION – EXTERNAL EMAIL: This email originated from outside of Anchor QEA. Please exercise caution with links and attachments.

Hi Dan We need the word version and the spreadsheet. Can we set up a quick call today before 2 to discuss why the numbers changes from 29.3 and 19.3 to 32 and 20 for PCBs and As ?

From: Dan Berlin <dberlin@anchorqea.com>
Sent: Thursday, March 04, 2021 5:54 PM
To: Sanga, Ravi <Sanga.Ravi@epa.gov>
Cc: Brick Spangler <Spangler.B@portseattle.org>; florer.j@portseattle.org; debra.williston@kingcounty.gov; jeff.stern@kingcounty.gov; pete.rude@seattle.gov; allison.crowley@seattle.gov; Merv Coover <merv.coover@erm.com>; Greg Brunkhorst <gbrunkhorst@anchorqea.com>; dchiavelli@anchorqea.com
Subject: RE: Draft East Waterway Anthropogenic Background Evaluation Memo

Ravi, do you also want word and excel files for the memo, or will you be making comments in the pdf or in a letter/table format?
Thanks
Dan

Dan Berlin, PWS
Principal

ANCHOR QEA, LLC

From: Dan Berlin
Sent: Thursday, March 4, 2021 5:52 PM
To: sanga.ravi@epa.gov
Cc: Brick Spangler <Spangler.B@portseattle.org>; Joanna Florer <florer.j@portseattle.org>; Debra Williston - Work <debra.williston@kingcounty.gov>; Jeff Stern <jeff.stern@kingcounty.gov>; Pete Rude <pete.rude@seattle.gov>; Allison Crowley <allison.crowley@seattle.gov>; Merv Coover <merv.coover@erm.com>; Greg Brunkhorst <gbrunkhorst@anchorqea.com>; Deborah Chiavelli <dchiavelli@anchorqea.com>
Subject: Draft East Waterway Anthropogenic Background Evaluation Memo

Ravi,
Attached is the draft East Waterway Anthropogenic Background Evaluation Memo. I believe you said you would forward to others for review. Please let us know if you need anything else and when you think you may have comments back for us.
Thanks
Dan

Dan Berlin, PWS
Principal

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