To: Wands, James[James.Wands@hdrinc.com]; Peter Israelsson[pisraelsson@anchorqea.com]
Cc: John Connolly[jconnolly@anchorqea.com]; Willard Potter[otto@demaximis.com]; Rafael Canizares[RCanizares@moffattnichol.com]; Rooni Mathew[RMathew@moffattnichol.com]; Mike Barbara[mab.consulting@verizon.net]; Robert Law[rlaw@demaximis.com]; Basso, Ray[Basso.Ray@epa.gov]; Vaughn, Stephanie[Vaughn.Stephanie@epa.gov]; Alyssa Thorvaldsen[athorvaldsen@anchorqea.com]; Peter Oates[poates@anchorqea.com]; Wen Ku[wku@anchorqea.com]
From: Naranjo, Eugenia
Sent: Mon 9/23/2013 3:26:03 PM
Subject: RE: Lower Passaic River - 2378-TCDD surface mapping files

Peter we need those data shapefiles prior to Thursday's meeting as well. Thank you,

eugenia

From: Wands, James [mailto:James.Wands@hdrinc.com]
Sent: Monday, September 23, 2013 11:18 AM
To: Peter Israelsson
Cc: John Connolly; Willard Potter; Rafael Canizares; Rooni Mathew; Mike Barbara; Robert Law; Basso, Ray; Naranjo, Eugenia; Vaughn, Stephanie; Alyssa Thorvaldsen; Peter Oates; Wen Ku
Subject: RE: Lower Passaic River - 2378-TCDD surface mapping files

Peter,

Thanks for sending those files. Would it be possible to also send the two data shape files (1995 Dataset and 2010 Dataset) presented in the memo? Do the shape files of the data include a field identifying the source dataset that they came from?

Thanks,

James

From: Peter Israelsson [mailto:pisraelsson@anchorqea.com]
Sent: Friday, September 20, 2013 3:29 PM
To: Wands, James
Cc: John Connolly; Willard Potter; Rafael Canizares; Rooni Mathew; Mike Barbara; Robert Law; Ray Basso; Eugenia Naranjo; Stephanie Vaughn; Alyssa Thorvaldsen; Peter Oates; Wen Ku

Subject: RE: Lower Passaic River - 2378-TCDD surface mapping files

James –

Please use the attached version of the probability distribution plot instead of the one transmitted earlier today. The previous version was missing two data points at the upstream end of the 1995 dataset's longitudinal range. The revised plot includes one additional sample from the 1995 dataset (in Group 1) and another from the 2010 dataset (in Group 4), both near RM 6.85. The differences to the distributions are small but it impacts the data counts, so I am retransmitting. Sorry about the mix-up.

Regards,

Peter

Peter H. Israelsson, PhD

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From: Robert Law [mailto:rlaw@demaximis.com]
Sent: Friday, September 20, 2013 1:32 PM
To: Ray Basso; Eugenia Naranjo; Stephanie Vaughn
Cc: John Connolly; Peter Israelsson; Willard Potter; Rafael Canizares; Rooni Mathew; Mike Barbara
Subject: Fwd: Lower Passaic River - 2378-TCDD surface mapping files

Provided as requested.

Robert Law, Ph.D.

de maximis, inc.
rlaw@demaximis.com
Voice: 908-735-9315
Fax: 908-735-2132

>>> Peter Israelsson <pisraelsson@anchorqea.com> 9/20/2013 1:24 PM >>>

James -

I am transmitting the requested information regarding the CPG's surface sediment 2378-TCDD mapping. Each attachment is explained below.

1. Shapefiles of 2,3,7,8-TCDD contaminant map for the LPR ☐ surf_TCDD_shapefiles_20130920_LPR.zip

a. "1995" surface (using the 1995-1999 dataset) ☐ surf_TCDD_1995_20130920_LPR.shp

b. "2010" surface (using the 2007-2012 dataset) ☐ surf_TCDD_2010_20130920_LPR.shp

/ Note: the 1995 surface applies 2007-2012 data outside of RM 0.95 to 6.85, due to data density limitations of the 1995-1999 dataset.

2. Areas of the groups (see 5/17/2013 mapping memo for definition details):

Groups	Deposition Characteristics	Area RM 1 to RM 7 (acres)	Area RM 0 to RM 7.5 (acres)
Group 1	Shoals	155	369
Group 2	No historical deposition	21	21
Group 3a	Little to moderate historical deposition; ⩾1ft erosion 1995 to 2012	14	14
Group 3b	Little to moderate historical deposition; <1ft erosion 1995 to 2012	41	41
Group 4	High historical deposition	137	208

3. Probability distributions and counts of contaminant data in each mapped dataset, by mapping group

a. ProbPlot_1995_vs_2010_data_by_mapped_group_20130920.pdf

Please let me know if you have any questions.

Have a good weekend,

Peter

Peter H. Israelsson, PhD

ANCHOR QEA, LLC

Note: new office address as of June 2013

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