To: James Wands[James.Wands@hdrinc.com]
Cc: John Connolly[jconnolly@anchorqea.com]; Robert Law[rlaw@demaximis.com]; Naranjo, Eugenia[Naranjo.Eugenia@epa.gov]
From: Peter Israelsson
Sent: Fri 9/20/2013 5:24:05 PM
Subject: Lower Passaic River - 2378-TCDD surface mapping files
surf_TCDD_shapefiles_20130920_LPR.zip
ProbPlot_1995_vs_2010_data_by_mapped_group_20130920.pdf

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	41	41

	2012		
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

10 Liberty Square, Sixth Floor
Boston, MA 02109, USA
T +1.857.991.1111, ext 1003
M +1.617.686.4149

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