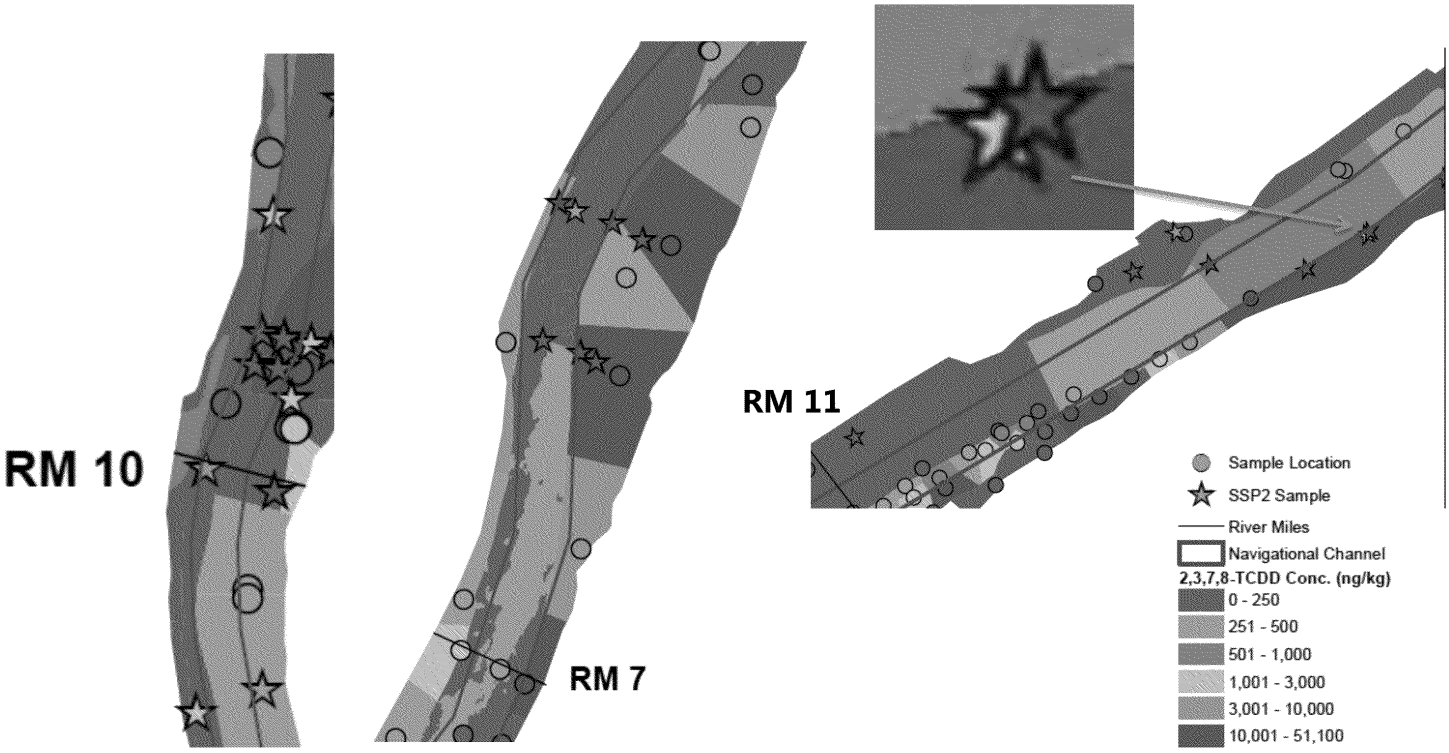
CPG Follow-Up to EPA-CPG Meeting on Contaminant Mapping

April 14, 2015

ANCHOR QEA

SSP2 Locations Focus on Refining Mapping at Transitions

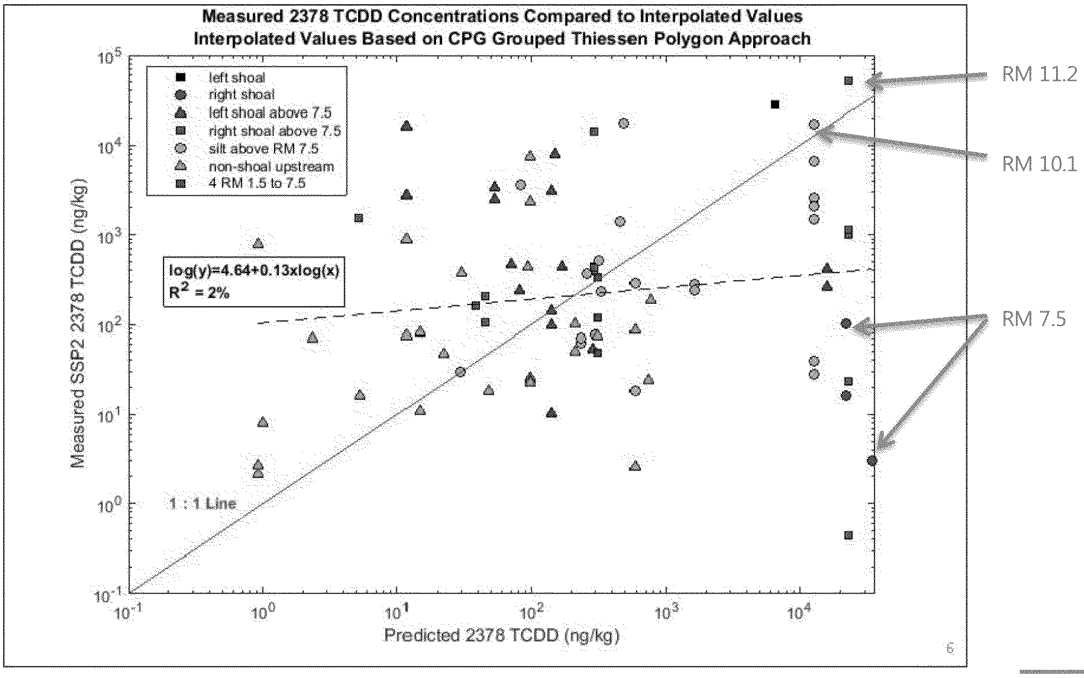
Examples of the SSP2 Refining Mapping



Apparent Bias Explainable by Nature of the Sampling

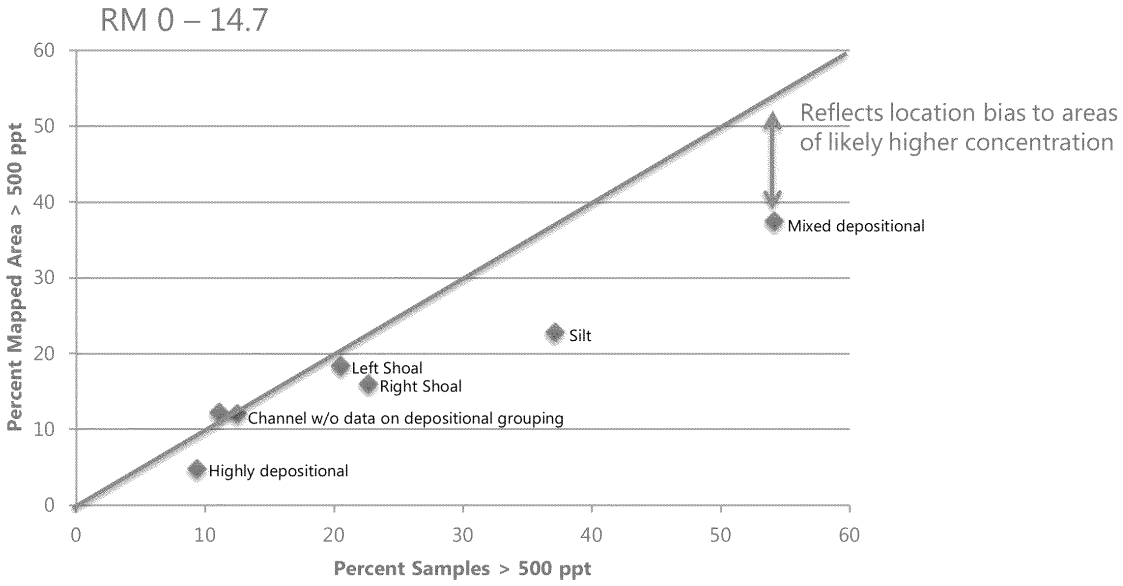
Measured vs Predicted 2378 TCDD

(Validation Using SSP2 Samples)



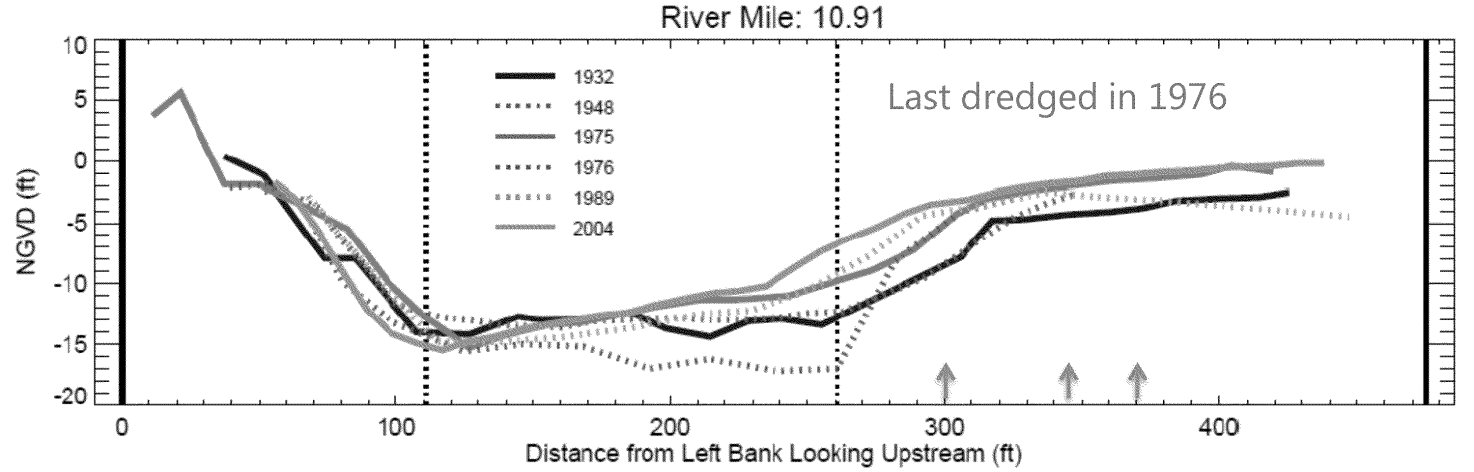
Concentrations Follow Organized Patterns Determined by the Evolution of the River

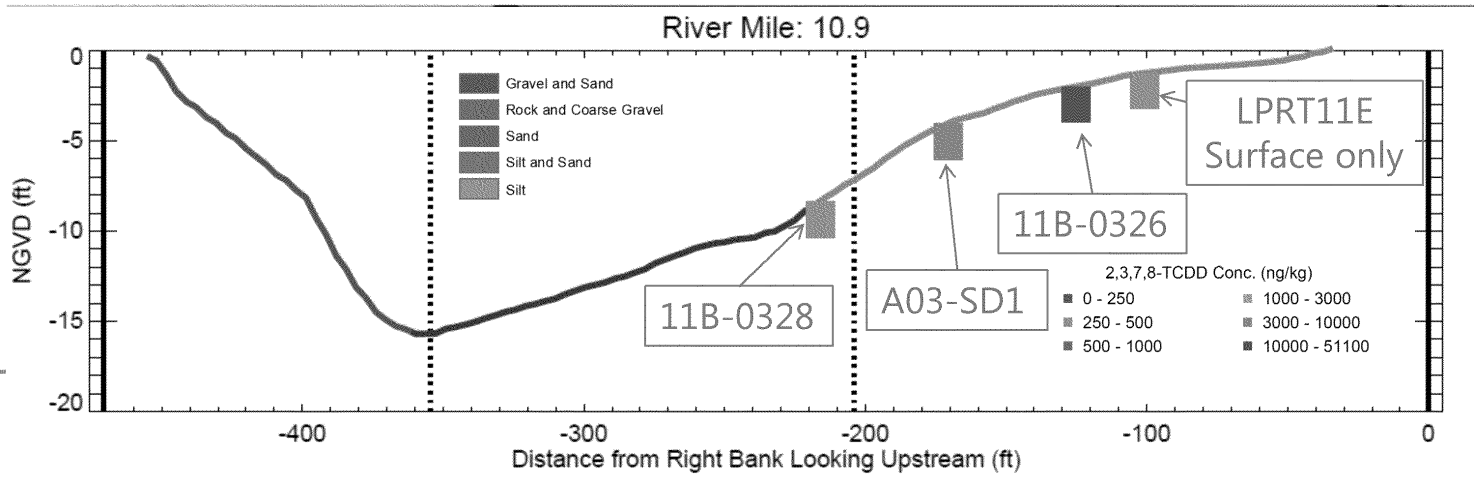
Data Show Value of Geomorphic Groupings



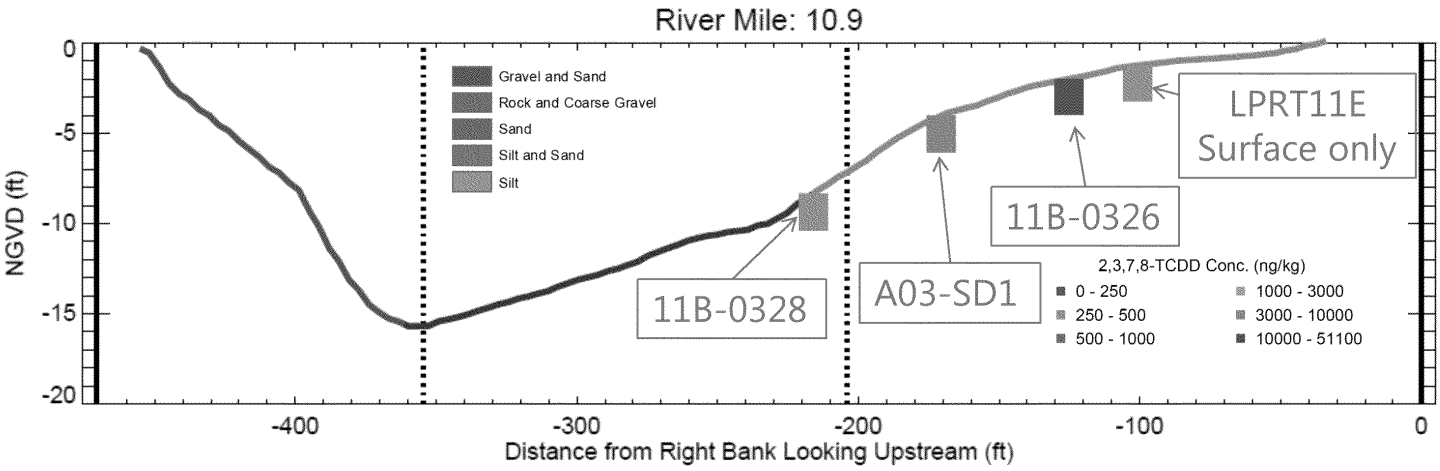
High concentrations common where burial has not been great and uncommon where it has

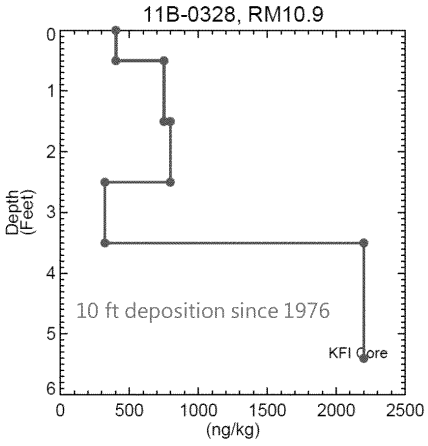
Example of Relationship Between Surface Sediment Concentration and Bed Evolution

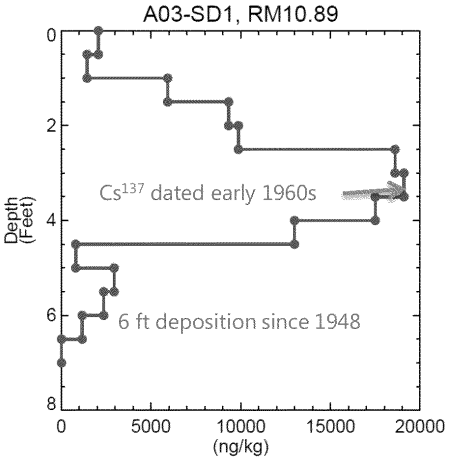


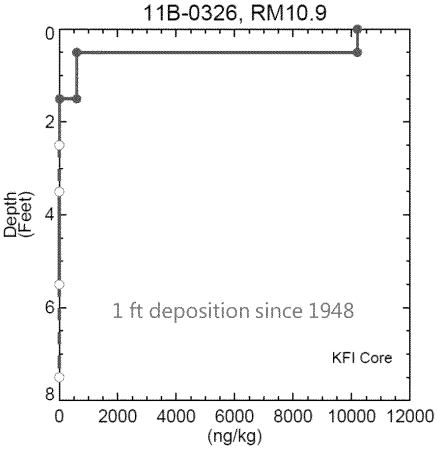


RM 10.9 Cross-section

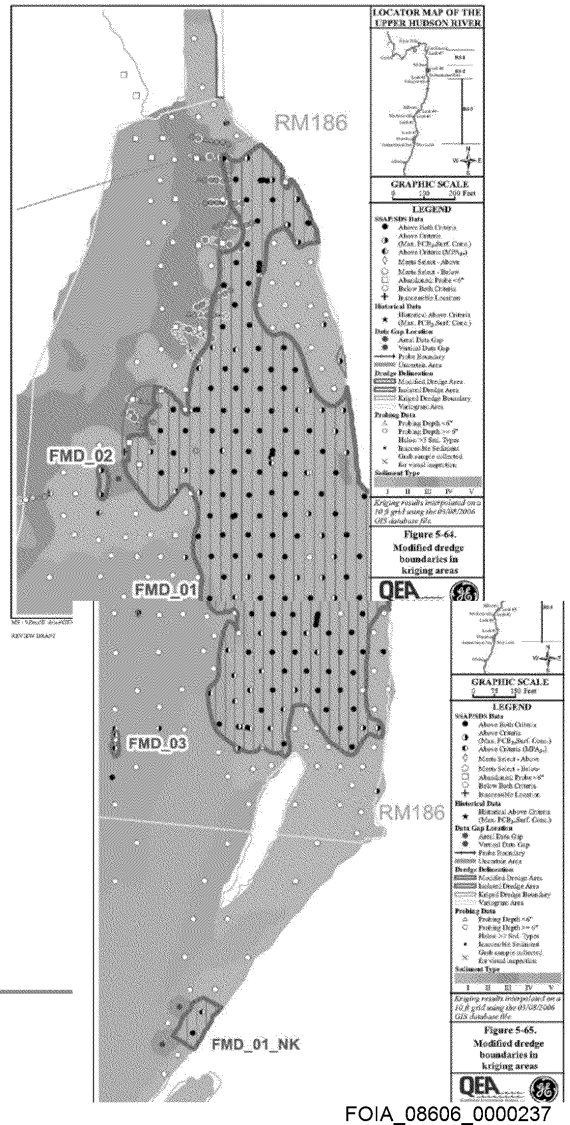








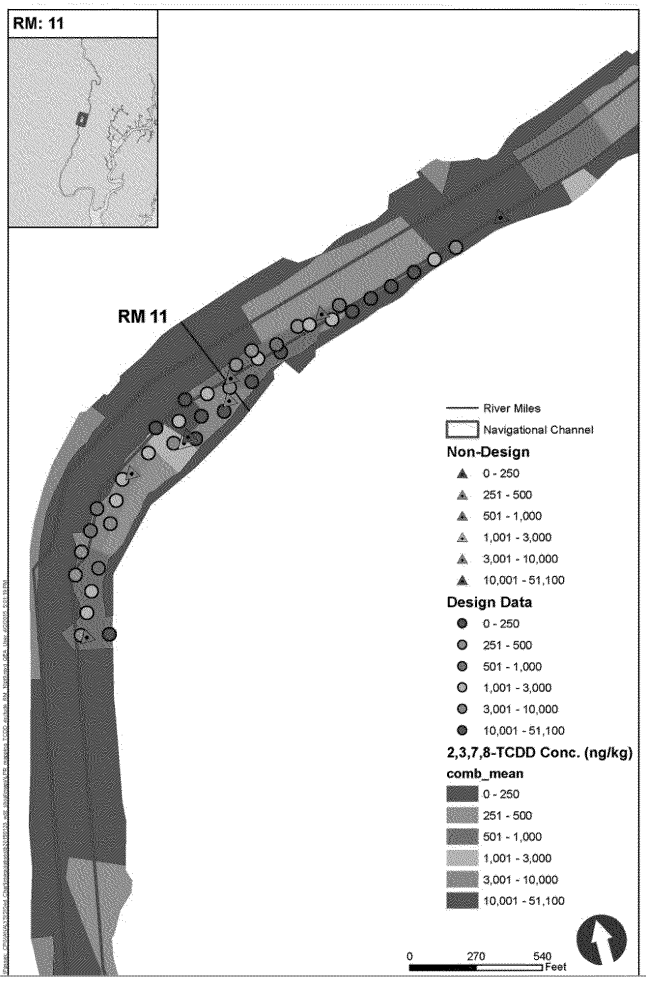
Hudson Data Illustrate the Organized Spatial Patterns Within a Group – in this case Fine Sediments



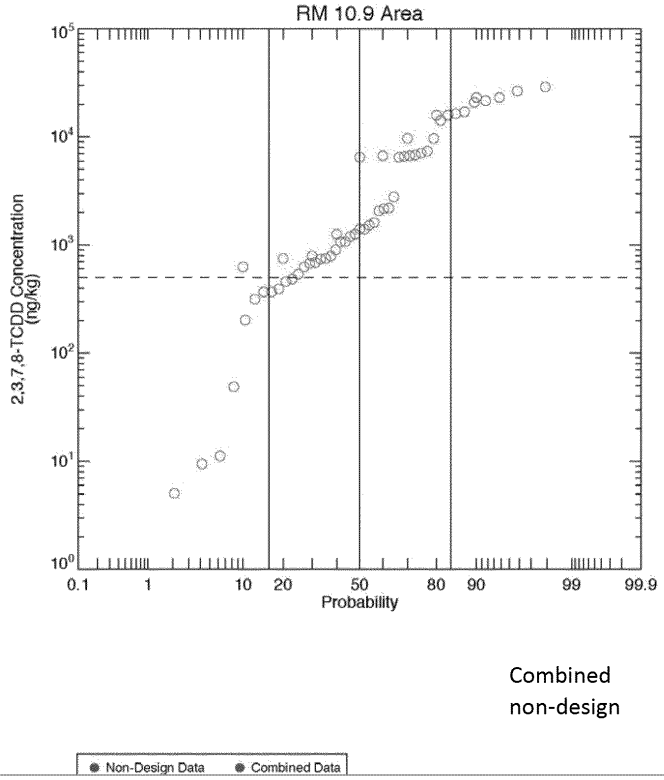
Follow Up to EPA Mapping Meeting
Responses to Outstanding Issues

RM 10.9 Documents Reasonableness of Mapping-Based Target Areas

Design Data Compare Reasonably Well to RM 10.9 Mapping of 500 ppt Target Area Without Design Data



Non-Design Data in Target Area Near RM 10.9 Provide Reasonable Estimate of Concentrations



Means not statistically different

	n	mean	st dev
Combined	47	5613	7997
non-design	9	7268	7903