INTRODUCTION
FIGURES
Ideal Dredging Pass 1

Significant cut depth results in efficient dredging pass beyond the DoC

Now that the inventory is removed, the Residuals Standard addresses the "residual sediments"

Ideal Dredging Pass 2

Ideal Sediment Removal Over Two Dredging Passes

EPA Phase 1 Evaluation Report - Hudson River PCBs Site

March 2010
Figure Intro-3

Comparison of Proposed and Actual Post Dredging Elevations

CU-18 SW Corner: Example Dredging Pass 1

Based on SSAP Cores
Field Conditions
Targeted Removal
1.6 ft
Design DoC
< 1 mg/kg
Unknown

Based on SSAP Cores
Field Conditions
Targeted Removal
1.8 ft
Design DoC
< 1 mg/kg
Unknown

CU-18 SW Corner: Example Dredging Pass 2

Based on Post Dredging Cores
Residual Contamination
0.5 ft
Re-Designed DoC
< 1 mg/kg
1.5 ft

Based on Post Dredging Cores
Residual Contamination
0.6 ft
Re-Designed DoC
< 1 mg/kg
1.5 ft

CU-18 SW Corner: Remaining After Example Dredging Pass 2

Average Elevation after Dredging Pass 2 is 0.85 ft below Design DoC and 0.25 ft (3") beyond the limit of residual contamination.

Dredging illustrations in this figure represent the area shaded in various shades of light green within the red circle in the southwest portion of CU-18.
Comparison of Proposed and Actual Post Dredging Elevations

Dredging illustrations in this figure represent the area covered by a circle with an approximate 20-foot radius around the Level 1A SSAP core circled in red.