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3. **Title:** Preliminary Evaluation of Post-Dredging PCBs in Upper Hudson River Surface Sediment

4. **Abstract:**

   More than 2.75 million cubic yards of PCB-contaminated sediment were dredged and subsequently backfilled or capped in the 40 mile stretch of the Hudson River (River Sections (RS)1-3) between Ft Edwards and the Federal Dam at Troy between 2009 and 2015 under the 2002 Record of Decision for the Hudson River PCBs Superfund Site. Less stringent cleanup triggers were selected for RS 2 and 3. Pre-dredging data for RS 2 and 3 revealed highly elevated PCBs in the sediment surface and at depth in the immediate vicinity of the planned dredging areas, but these PCB deposits were not dredged. Recent sampling efforts conducted by GE in 2016 and NYSDEC in 2017 were designed to provide a post-construction baseline of the top 2 inches of sediment PCBs for future evaluations of sediment recovery. We conducted a preliminary analysis of these data, calculating post-dredging surface weighted area concentrations and sediment decay rates, and comparing results obtained by different PCB analytical methodologies. This poster will present these preliminary analyses.

5. **Poster Type:** Other/Government agency