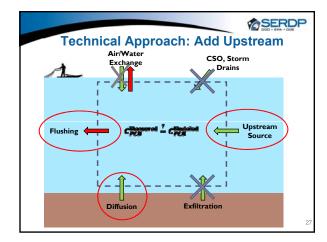
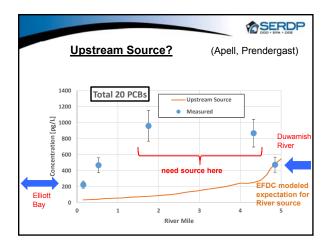
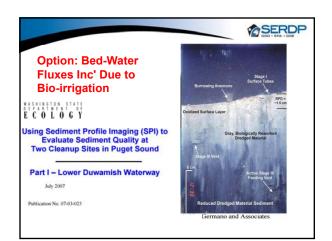
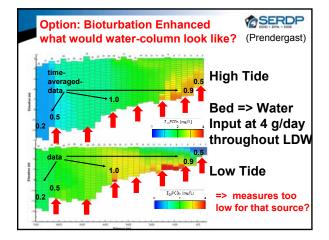


Putting in all together Prendergast, Apell, et al. 1. total flux from the bed sediments about 0.2 g/day Prendergast, Apell, et al.
2. the EFDC suggests a hydraulic residence time of about ~ 4 days in LDW estuary
 fluxes => accumulate about 0.8 g ∑PCBs at steady state in LDW
 using PE samplers in LDW water, "NOAA Status and Trend 18 PCBs" x 2 = about 1.2 ng/L
LDW volume is about 1.6x10 ¹⁰ L, so total PCB load in water is about $20 \text{ g} \sum PCBs$
5. with 4-day residence time, implies have input of PCBs 5 g/day!
Sediment diffusive fluxes ~20-30 times less! 26









Gschwend-6



