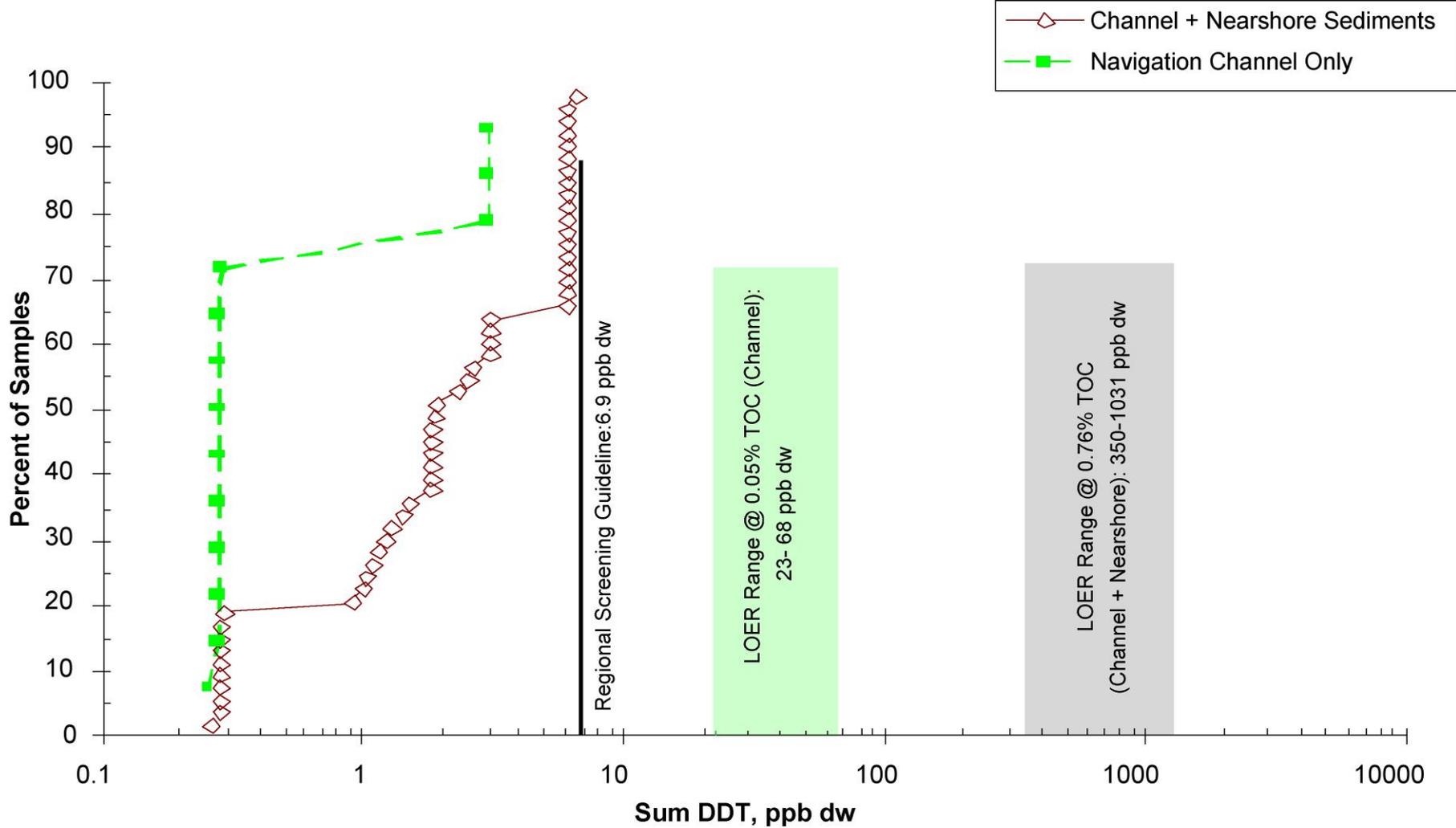
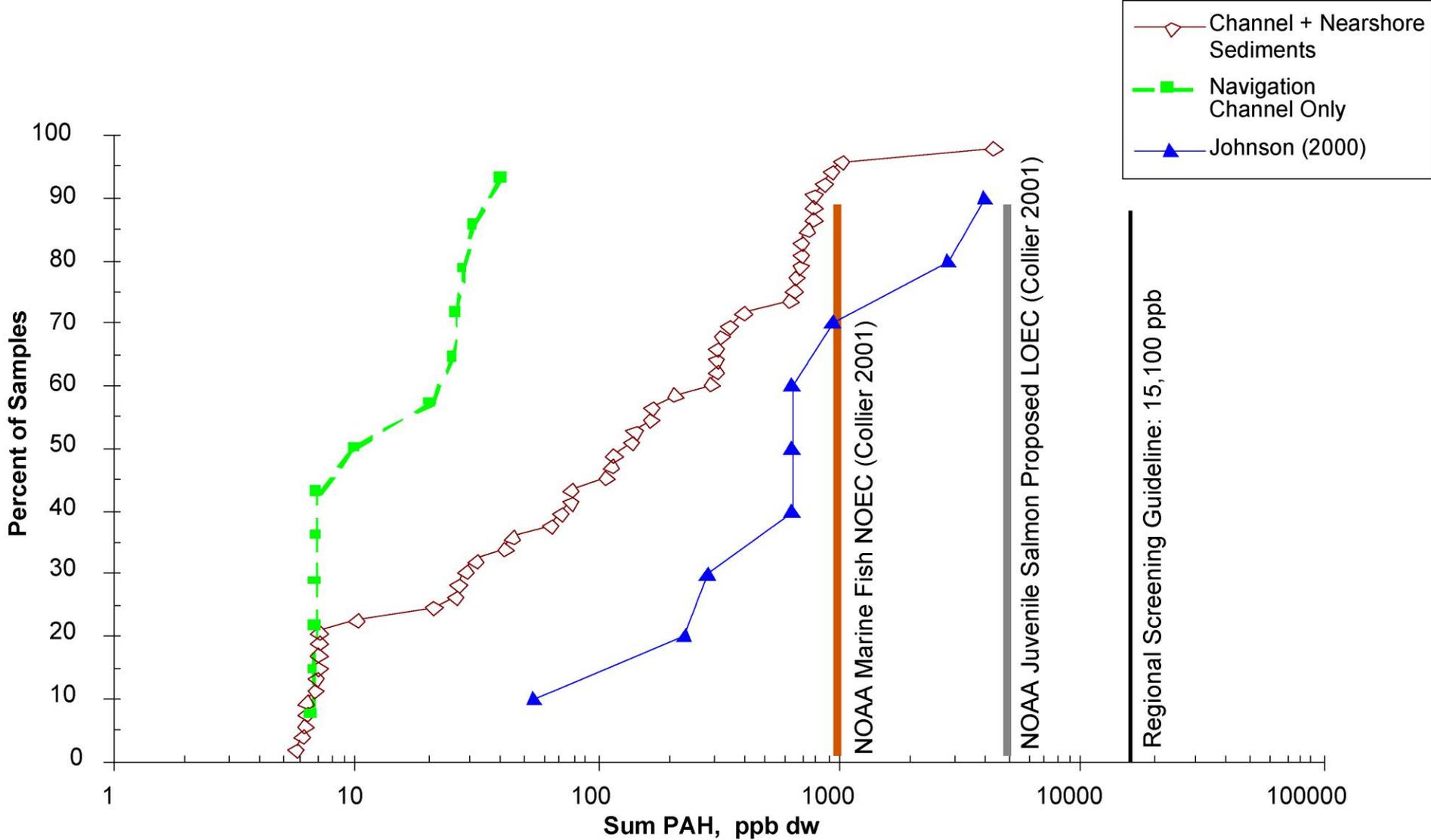


Source: Meador 2000a

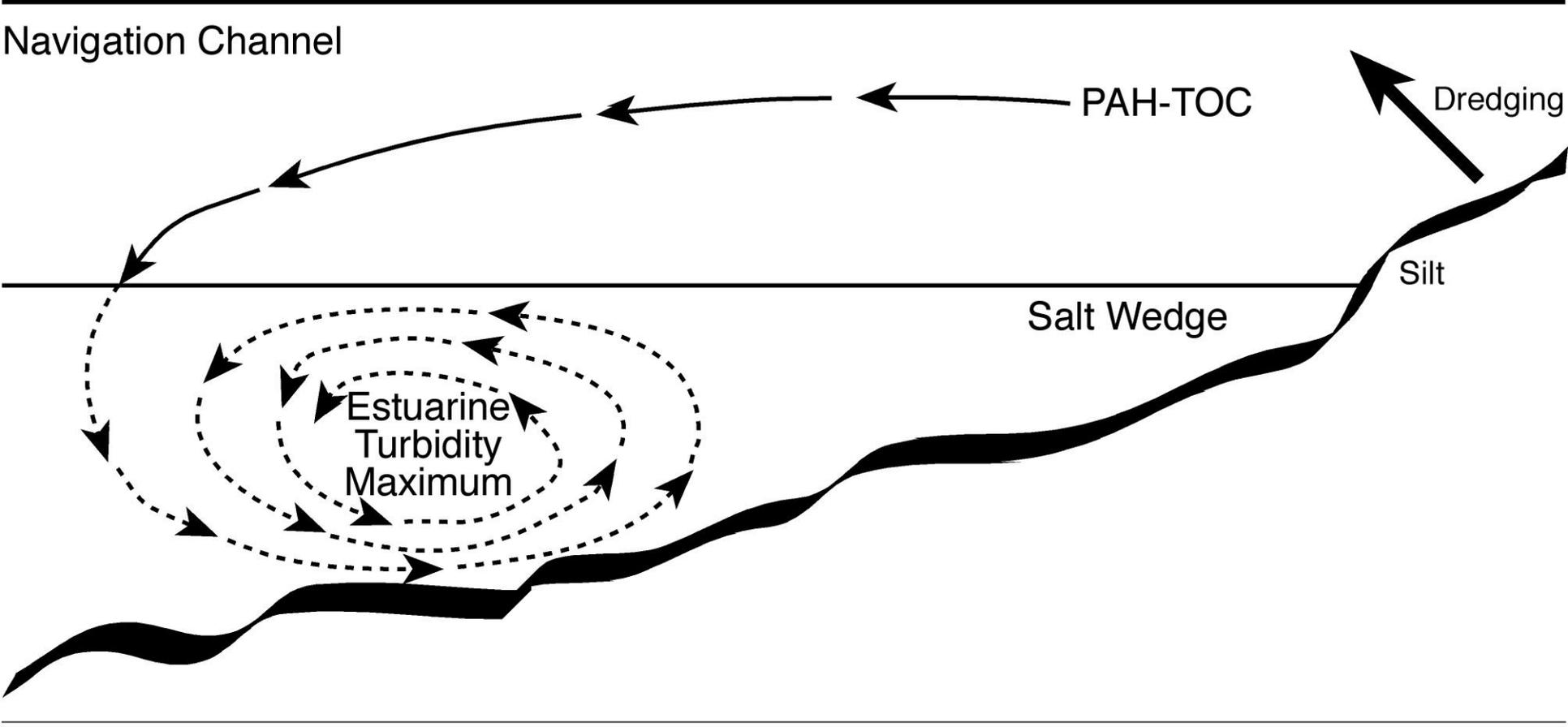
**Figure B-1**  
**Concentrations of PCBs in Sediments Compared to Those Associated with Adverse Effects in Fish: River Miles 0-40**



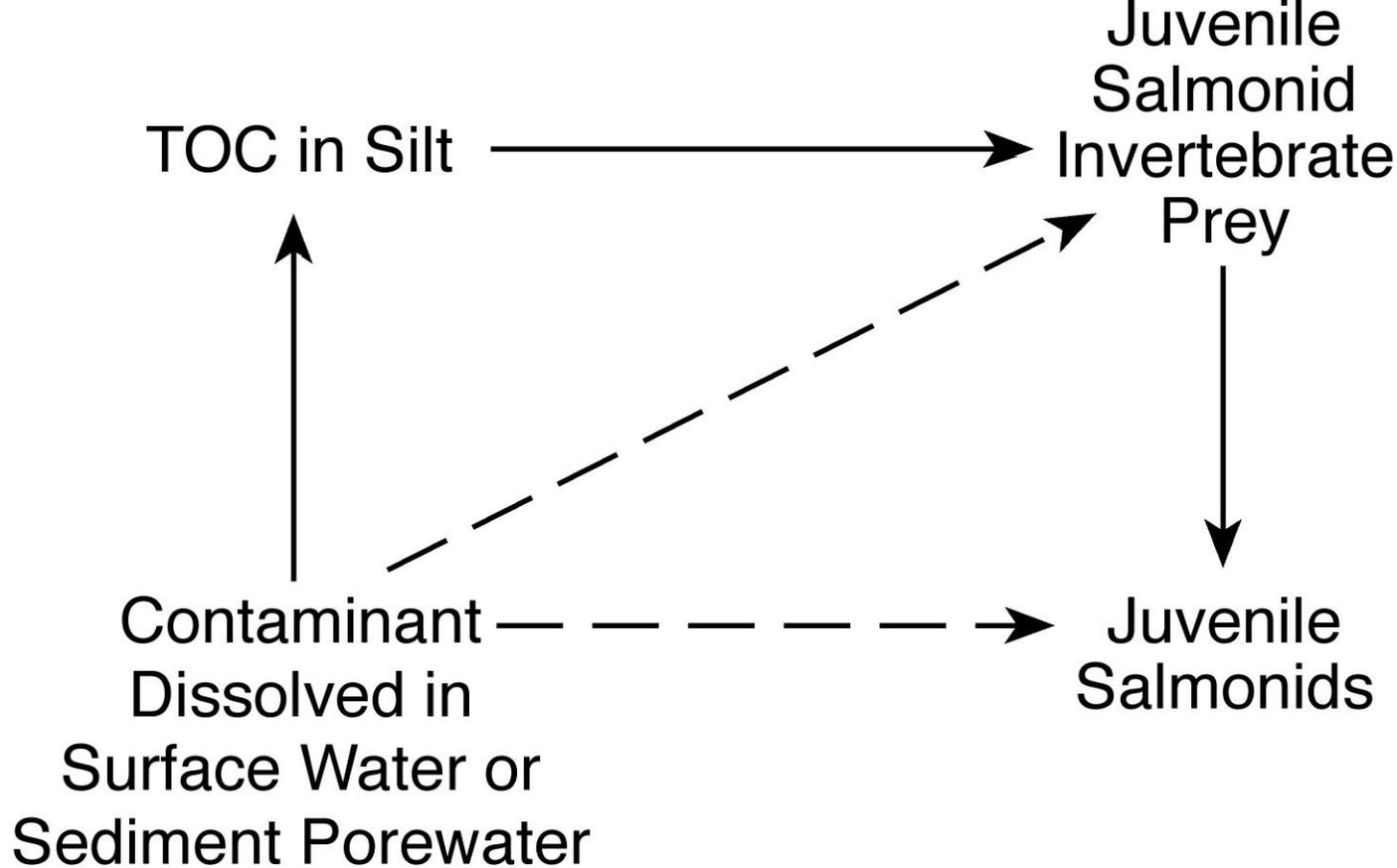
**Figure B-2**  
**Concentrations of DDT and Metabolites in Sediments**  
**Versus All Sampling Sites: River Miles 0-40**



**Figure B-3**  
**Concentrations of PAHs in Sediments Compared to Those Associated with Adverse Effects in Fish:**  
**River Miles 0-40**

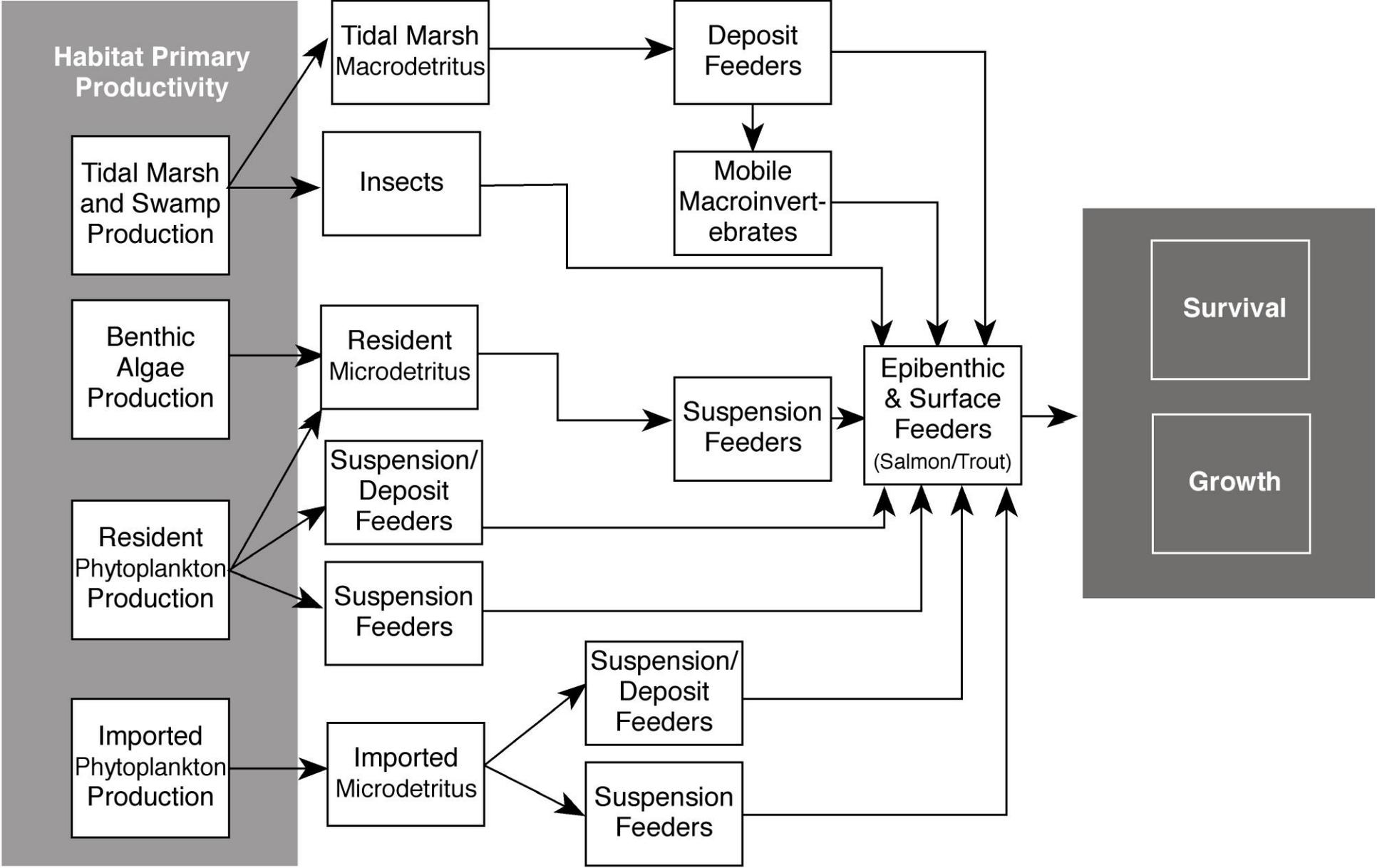


**Figure B-4**  
**Hypothesized Relationships Between Dredging Activities in the Main Columbia River Navigation Channel, Suspension of Detritus, and Reflex of Detritus in the Estuarine Turbidity Maximum Zone**



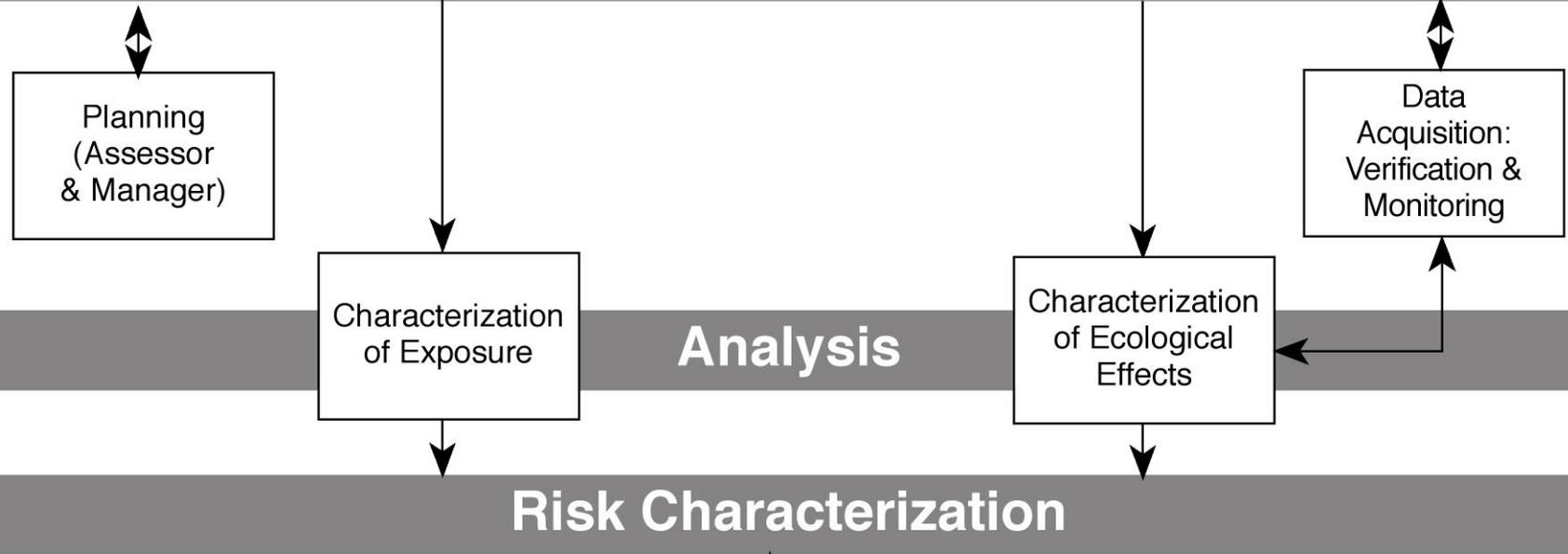
Note: Solid lines are assumed dominant pathways  
and dashed lines are assumed to be subordinate

**Figure B-5**  
**Pathways by Which Salmonids will be**  
**Exposed to Chemicals Like PCBs, DDT and**  
**Metabolites, and PAHs**



**Figure B-6**  
**Food Web and Pathways**  
**for Juvenile Salmonids**

# Problem Formulation



Source: US EPA, 1992

**Figure B-7**  
**Framework for Ecological**  
**Risk Assessment**