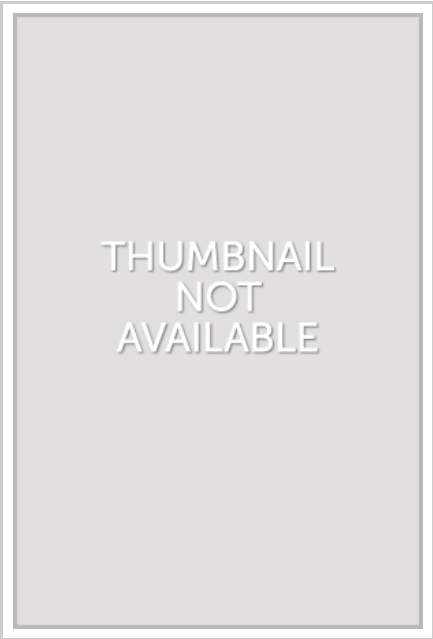


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# Procedures for the derivation of equilibrium partitioning sediment benchmarks (ESBs) for the protection of benthic organisms: compendium of Tier 2 values for nonionic organics

By -

No binding. Book Condition: New. This item is printed on demand. OCLC Number: (OCoLC)218072184 Subject: Polycyclic aromatic hydrocarbons. Excerpt: . . . Introduction Section 1 Introduction types. The three principal observations that 1. 1 General Information underlie the EqP approach to establishing sediment benchmarks are as follows: Toxic pollutants in bottom sediments of the Nations lakes, rivers, wetlands, estuaries, and 1. The concentrations of nonionic organic marine coastal waters create the potential for chemicals in sediments, expressed on an continued environmental degradation even organic carbon basis, and in interstitial where water column concentrations comply with waters correlate to observed biological established WQC. In addition, contaminated effects on sediment-dwelling organisms sediments can be a significant pollutant source across a range of sediments. that may cause water quality degradation to persist, even when other pollutant sources are 2. Partitioning models can relate sediment stopped ( Larsson 1985, Salomons et al. 1987, concentrations for nonionic organic Burgess and Scott 1992 ). The absence of chemicals on an organic carbon basis to freely-dissolved concentrations in interstitial defensible equilibrium partitioning sediment water. benchmarks ( ESBs ) make it difficult to accurately assess the extent of the ecological 3. The distribution of sensitivities of benthic risks...

### Reviews

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