#### USACE/ EPA Technical Framework for Environmental Evaluations

Tab A3

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E2D2 KEY WORDS: Technical Framework



# Dredged Material Assessment Framework (PIANC)



# Technical Framework Objectives

- Provides technical framework for full continuum of management alternatives
- Provides umbrella guidance for application of detailed testing manuals, etc.
- Provides a jointly developed and endorsed USACE/ EPA approach
- Enhances consistency and coordination in USACE/ EPA decision-making

Technical Framework Meets Substantive and Procedural Requirements of:

- Clean Water Act
- Marine Protection Research and Sanctuaries Act
- National Environmental Policy Act

### Technical Framework – Joint Agency Guidance

- Joint USACE/EPA Publication
  - EPA842-B-92-008
  - http://www.epa.gov/OWOW/oceans/framework/index. html
- Cited in USACE O&M Regulations
  - 33 CFR 336.1
  - Management Strategy as updated jointly by USACE/EPA











# **Confined (Diked) Disposal Evaluations**

- Retention/ Site Capacity

   EM Confined Disposal
- Contaminant Effects
  - Effluent, Runoff, Leachate, Uptake, Volatiles
  - Upland (CDF) Testing Manual







#### Technical Framework Summary

- Reflects real-world conditions
- Reflects aquatic, intertidal, and upland environments
- Indicates biological availability of contaminants
- Predicts potential environmental impacts
- Provides appropriate level of protection
- Is consistent with CWA, MPRSA, and NEPA

#### **Basic References**

- Technical Framework for Environmental Evaluations
- Engineer Manual Series
  - Dredging and Dredged Material Disposal
  - Beneficial Uses of Dredged Material
  - Confined Disposal of Dredged Material
- Testing Manuals
  - Ocean Testing Manual (Green Book)
  - Inland Testing Manual
  - Upland (CDF) Testing Manual

www.wes.army.mil/el/dots click on guidance docs