



**US Army Corps
of Engineers**

**DREDGING OPERATIONS TECHNICAL
SUPPORT PROGRAM**

MISCELLANEOUS PAPER D-91-1

**GENERAL DECISIONMAKING
FRAMEWORK FOR MANAGEMENT
OF DREDGED MATERIAL**

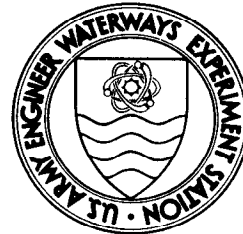
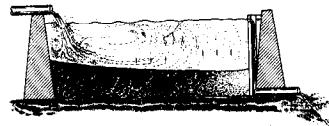
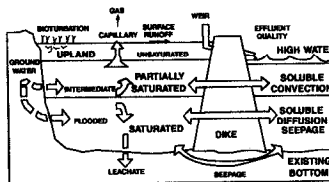
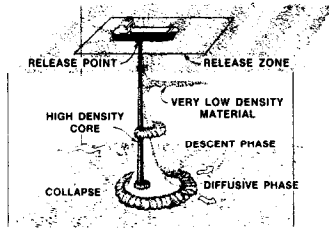
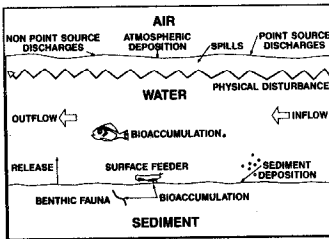
**EXAMPLE APPLICATION
TO COMMENCEMENT BAY, WASHINGTON**

by

Charles R. Lee, Henry E. Tatem, Dennis L. Brandon
Stratford H. Kay, Richard K. Peddicord, Michael R. Palermo
Norman R. Francingues, Jr.

Environmental Laboratory

DEPARTMENT OF THE ARMY
Waterways Experiment Station, Corps of Engineers
3909 Halls Ferry Road, Vicksburg, Mississippi 39180-6199



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13. ABSTRACT (Maximum 200 words) A general decisionmaking framework based on the results of technically sound test protocols is described. The decisionmaking framework includes consideration of sediment chemistry, physicochemical nature of disposal site environments, and biological effects of sediment contaminants, as well as comparison of test results from sediments to be dredged with test results from reference sediments and with established criteria. The framework provides the basis for selection of the environmentally preferable disposal alternative and for identification of potentially appropriate control measures to minimize problems associated with the presence of contaminants. The decisionmaking process also leads to the identification and documentation of those sediments that require no special management considerations.				
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The decisionmaking framework is illustrated in the form of case studies of the application of the framework process to specific sediments.

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Contaminants
Contaminated sediments
Decisionmaking framework

Dredged material management
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Open water disposal
Upland disposal