



**US Army Corps
of Engineers**

Dredged Material Testing Guidelines in the San Francisco District



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- 1. Public Notice 78-1 (30 July 1979)**
 - a. Elutriate Analysis of Dredged Material**
 - b. Elutriate Analysis of Disposal Site Sediments**
 - c. Chemical Analysis of Disposal Site Water**
 - d. Aquatic Bioassays (as required)**
 - i. Suspended-particulate Phase*
 - ii. Solid Phase*
- 2. Public Notice 87-1 (29 July 1987)**
 - a. Tier 1**
 - i. Evaluation of Existing Data*
 - ii. Exclusionary Criteria (40 CFR 230.60)*
 - b. Tier 2**
 - i. Bulk Sediment Chemical Analysis of Dredged Material and Disposal Site Sediments*
 - ii. Suspended-particulate Phase Bioassay with Bivalve Larvae for RWQCB 401 Certification*
 - c. Tier 3**
 - i. 10-day Solid Phase Bioassays*
 - ii. 10-day Bioaccumulation Tests on Elevated Contaminants*
- 3. Public Notice 92-?**
 - a. Tier 1**
 - i. Interagency Review of Existing Data*
USACE/RWQCB/BCDC Letter of 18 December 1991
 - b. Tier 2**
 - i. Suspended-particulate and Solid Phase Bioassays*
 - ii. Use of "Alcatraz Environs" Data*
 - iii. Updated List of Contaminants of Concern*
 - c. Tier 3**
 - i. Special Evaluations*
 - ii. 28-day Bioaccumulation Testing*
 - iii. More Intensive Sampling*

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- i.* 10-day Solid Phase Bioassays
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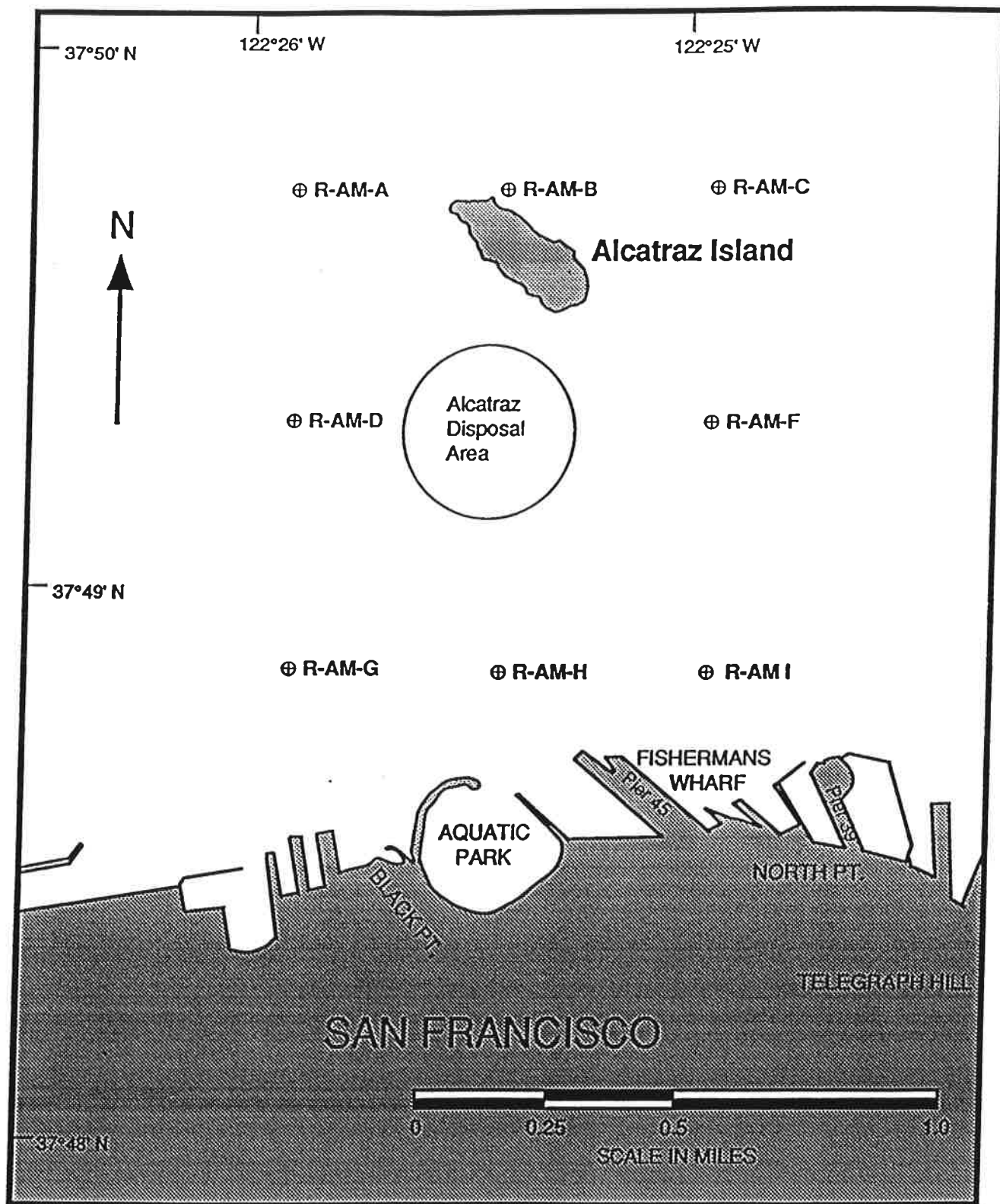


FIGURE 2.2. Reference Sediment Sampling Site Near Alcatraz Island Environs (R-AM)

Subject: Resolution of Objections, Informal §404(q) Consultation
(US Navy, Treasure Island - PN 18965S48)

From: Harry Seraydarian, Director
Water Management Division, EPA Region 9

APR 13 1992

Stanley G. Phernambucq
Lt. Colonel Stanley G. Phernambucq
U.S. ACE San Francisco District Engineer

The EPA Region 9 Water Management Division Director and the U.S. ACE San Francisco District Engineer held an Informal Consultation meeting on March 19, 1992, to discuss USACE's proposal to issue a multi-year maintenance dredging permit for Treasure Island over EPA objections. This meeting resulted in an agreement by which EPA would remove its objections to issuance of the permit:

1. USACE will draft special conditions covering the Navy's initial (1992) and subsequent dredging episodes at NS Treasure Island. Permit conditions will establish that results from dredged material testing for the subsequent episodes will be compared to recent Alcatraz Environs reference data in reaching decisions regarding dredged material suitability for aquatic disposal. Special conditions will also require application of "interim" disposal guidelines (to be developed) for future dredging episodes. For subsequent NS Treasure Island episodes, and for other dredging and disposal permits, USACE will provide EPA the opportunity to participate in pre-application data review and determinations of dredged material testing requirements. USACE will fully consider EPA comments regarding suitability of sediments for aquatic disposal.
2. EPA and ACE, will prepare draft "interim" disposal guidelines covering sampling, testing, and reference site designations for review by the LTMS Management Committee principals in early April. After Management Committee review, a Public Notice of the proposed "interim" disposal guidelines will be distributed. These proposed "interim" disposal guidelines will be presented at the LTMS Policy Review Committee meeting in May, 1992. The Management Committee Principals will sign and implement the final "interim" guidelines, in consideration of public and agency comments, by June 8, 1992.
3. The final "interim" disposal guidelines will be applied to all San Francisco District dredging and disposal permit applications and USACE dredging projects (both new work and maintenance), until superceded by new National or State requirements or LTMS implementation procedures.

Full implementation of the agreed-upon measures will allow EPA to remove its objections to multi-year maintenance dredging permits for several other projects in San Francisco Bay.