



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Environmental Management
DIVISION OF SITE REMEDIATION
291 Promenade Street
Providence, R.I. 02908-5767

3 September 1996

Mr. John Courcier, Remedial Project Manager
RI Superfund Section
U.S. Environmental Protection Agency - Region 1
John F. Kennedy Federal Building
Boston, MA 02203-2211

RE: Central Landfill Superfund Site, Johnston, Rhode Island - Operable Unit 2
Draft Risk Screening & Recommendation Report for Operable Unit 2/Round 1A Remedial
Investigation

Dear Mr. Courcier:

This Division has conducted a review of the *Draft Risk Screening & Recommendation Report for Operable Unit 2/Round 1A Remedial Investigation* dated July 1996 for the Central Landfill Site located in Johnston, Rhode Island. As a result of this review, the Division has generated the attached comments. Please incorporate these concerns into your comment package for submittal to RISWMC.

If you have any questions please feel free to contact myself or Matt DeStefano at (401) 277-3872.

Sincerely,

Laurie A. Sclama, Engineer
Division of Site Remediation

cc: Matt DeStefano, RIDEM-DSR
Warren Angell, RIDEM-DSR

**Central Landfill Superfund Site - Operable Unit 2
Draft Risk Screening & Recommendation Report
July 1996**

SPECIFIC COMMENTS

**1. Page 2, Section 4.10 Description of Screening Methodology:
Paragraph 1.**

"As described in Sections 4.20 and 4.50 below, we supplemented the human health benchmarks presented in the SAP with the Pre-Draft Rhode Island Regulations for soil direct contact and leachability, as well as groundwater ingestion."

Please note that a final version of the Rhode Island Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases will become effective as of 4 September 1996. Some of the Direct Exposure Criteria and Leachability Criteria concentrations have changed. Please correct the document to reflect the changes to the Remediation Regulations.

**2. Page 4, Section 4.21.2.2 Organic Compounds:
Paragraph 1.**

"Several OU2 soil samples contained elevated concentrations of several polynuclear aromatic hydrocarbons (PAHs) including benzo(a)pyrene and chrysene. Samples SS95-01, SS95-03, and SS95-09 contained concentrations of benzo(a)pyrene 1.4 to 2.8 times the 100 ug/kg proposed RDEC, and concentrations of chrysene 1.8 to 3.9 times the 90 ug/kg proposed RDEC."

The Residential Direct Exposure Criteria for benzo(a)pyrene and chrysene have been revised in the latest version of the Remediation Regulations. As a result, please change the concentrations for those compounds from 100 ug/kg to 400 ug/kg and from 90 ug/kg to 400 ug/kg, respectively.

3. Table of Contents.

Please include Section 4.10 entitled, "Description of Screening Methodology" in the Table of Contents listing.

**4. Page 12, Section 4.52 Semi-volatile Organic Compounds:
Paragraph 5.**

"...As discussed in Section 4.45, we believe that the Quarry Stream may have been affected by the presence of stockpiled off-site soils awaiting use as cover material."

Section 4.45 which is referenced in the excerpt quoted above does not exist. It appears that page 10, Section 4.42.1, entitled "Inorganic Compounds" may contain the referenced information.