

62347

New Bedford Harbor NP Site
(Estuary and Lower Harbor/Bay
Operable Unit)

Administrative Record

Addendum Index

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Region I
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With Assistance from

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Introduction

This document is the Index to the Administrative Record Addendum for the New Bedford Harbor National Priorities List (NPL) site Estuary and Lower Harbor/Bay Operable Unit. Section I of the Index cites site-specific documents, and Section II cites guidance documents used by EPA staff in selecting a response action at the site.

The Administrative Record is available for public review at EPA Region I's Office in Boston, Massachusetts, and at the New Bedford Free Public Library, 613 Pleasant Street, New Bedford, Massachusetts, 02740. *Although not expressly listed in this index, all documents contained in the Administrative Record for the April 6, 1990 New Bedford Harbor NPL site Hot Spot Operable Unit are incorporated by reference herein, and are expressly made a part of the Administrative Record for the present operable unit (Estuary and Lower Harbor/Bay).* Supplemental/Addendum volumes may be added to this Administrative Record. Questions concerning the Administrative Record should be addressed to the EPA Region I site manager.

The Administrative Record is required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA).

**New Bedford Harbor NPL Site
(Estuary and Lower Harbor/Bay Operable Unit)**

Administrative Record

Addendum

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Addendum Administrative Record Index

Section I
Site-Specific Documents

ADDENDUM TO THE ADMINISTRATIVE RECORD INDEX

for the

New Bedford Harbor NPL Site Estuary and Lower Harbor/Bay Operable Unit

3.0 Remedial Investigation (RI)

3.2 Sampling and Analysis Data

- ✓ 1. Letter from Michael J. Moore, Woods Hole Oceanographic Institution to Mary C. Sanderson, EPA Region I (April 17, 1990) with attached National Oceanic and Atmospheric Administration (NOAA) map of the site area. Concerning an upcoming preliminary study of *Fundulus heteroclitus* histopathology.
- ✓ 2. Letter from Michael J. Moore, Woods Hole Oceanographic Institution to Mary C. Sanderson, EPA Region I (June 29, 1990) with attached National Oceanic and Atmospheric Administration (NOAA) map of the site area. Concerning the field sampling phase of a preliminary study of *Fundulus heteroclitus* histopathology.
- ✓ 3. Letter Report from Michael J. Moore, Woods Hole Oceanographic Institution to Mary C. Sanderson, EPA Region I (November 14, 1990). Concerning a summary of *Fundulus heteroclitus* histopathological studies of the Acushnet River.

4.0 Feasibility Study (FS)

4.2 Sampling and Analysis Data

- ✓ 1. Letter from Mark J. Otis, U.S. Army Corps of Engineers to Mary C. Sanderson, EPA Region I (April 16, 1991). Concerning the attached:
 - A. "Well Sampling," U.S. Army Corps of Engineers (October 9-10, 1990).
 - B. "Sediment (CDF) Sampling," U.S. Army Corps of Engineers (November 15, 1990).
- ✓ 2. Memorandum for the Record, Gayle Garman, EPA Region I (January 13, 1992) with attached "Table 4-10. Trace Metals Analysis Results" from the "Pilot-Scale Incineration of PCB-Contaminated Sediments from the Hot Spot of the New Bedford Harbor Superfund Site," (November 1991). Concerning TLCP data on composited sediment sample.

4.4 Interim Deliverables

- ✓ 1. Letter from Mark J. Otis, U.S. Army Corps of Engineers to Mary C. Sanderson, EPA Region I (March 30, 1990). Concerning transmittal of the attached target cleanup levels for the New Bedford Harbor site. | 10/10?

4.6 Feasibility Study (FS) Reports

Reports

1. Memorandum from Robert W. Whalin, U.S. Army Corps of Engineers to Mary Adolf, U.S. Army Corps of Engineers (August 31, 1990). Concerning transmittal of the attached "New Bedford Superfund Project Evaluation of Carbon and UV/Hydrogen Peroxide Treatment of Confined Disposal Facility Effluent," Peroxidation Systems Inc. for the U.S. Army Corps of Engineers (July 1990).
2. Letter from Mark J. Otis, U.S. Army Corps of Engineers to Kenneth Finkelstein, U.S. Department of Commerce National Oceanic and Atmospheric Administration (October 23, 1990). Concerning the attached detailed cost estimate and discussion related to remediation of several areas within the New Bedford Harbor site located outside the hurricane barrier.
3. "Overview of the New Bedford Harbor Physical/Chemical Modeling Program," Battelle for EBASCO Services Incorporated (April 1, 1991).
4. Memorandum for the Record, Mark J. Otis, U.S. Army Corps of Engineers (April 8, 1991). Concerning the technical impracticality of lining shoreline confined disposal facilities at the New Bedford site.
5. Memorandum for the Record, Mark J. Otis, U.S. Army Corps of Engineers (April 8, 1991). Concerning the technical impracticality of attaining a 1 ppm residual PCB concentration at the New Bedford site. ||
6. Memorandum to the File, Mary C. Sanderson, EPA Region I (September 10, 1991). Concerning a discussion of recommended dredging depths related to the New Bedford Harbor Feasibility Study and Proposed Plan.
7. Letter from Lewis M. Horzempa, EBASCO Services Incorporated to Mary C. Sanderson, EPA Region I (September 24, 1991) with the attached Memorandum from Alan S. Fowler, EBASCO Services Incorporated to Lewis M. Horzempa, EBASCO Services Incorporated (September 10, 1991). Concerning engineering estimates for the Feasibility Study footprint adjustments.

Comments

8. Comments Dated September 12, 1990 from Leonard C. Sarapas, Balsam Environmental Consultants, Inc. for AVX Corporation on the August 1990 "Draft Final - Feasibility Study of Remedial Alternatives for the Estuary and Lower Harbor/Bay," E.C. Jordan Co. for EBASCO Services Incorporated.
9. Comments Dated October 30, 1990 from Kenneth Finkelstein, U.S. Department of Commerce National Oceanic and Atmospheric Administration on the August 1990 "Draft Final - Feasibility Study of Remedial Alternatives for the Estuary and Lower Harbor/Bay," E.C. Jordan Co. for EBASCO Services Incorporated.

4.6 Feasibility Study (FS) Reports (cont'd.)

Comments (cont'd.)

10. Comments Dated November 1, 1990 from Helen Waldorf, Commonwealth of Massachusetts Department of Environmental Protection on the August 1990 "Draft Final - Feasibility Study of Remedial Alternatives for the Estuary and Lower Harbor/Bay," E.C. Jordan Co. for EBASCO Services Incorporated with attached:
 - A. Memorandum from John A. Carrigan, Commonwealth of Massachusetts Department of Environmental Protection to Helen Waldorf and Paul Craffey, Commonwealth of Massachusetts Department of Environmental Protection (October 23, 1990). Concerning Applicable or Relevant and Appropriate Requirements (ARARs): 21C Hazardous Waste Regulations.
 - B. Comments Dated October 24, 1990 from Christy Foote-Smith, Commonwealth of Massachusetts Department of Environmental Protection on the August 1990 "Draft Final - Feasibility Study of Remedial Alternatives for the Estuary and Lower Harbor/Bay," E.C. Jordan Co. for EBASCO Services Incorporated.

Responses to Comments

11. Response Dated October 5, 1990 from Mary C. Sanderson, EPA Region I to Comments Dated September 12, 1990 from Leonard C. Sarapas, Balsam Environmental Consultants, Inc. for AVX Corporation.

4.9 Proposed Plans for Selected Remedial Action

1. "EPA Proposes Cleanup Plan to Address Contamination in the Estuary and Lower Harbor/Bay at the New Bedford Harbor Site," EPA Region I (January 1992).
2. "Summary of EPA's Preferred Alternative for Addressing Contamination at the New Bedford Harbor Superfund Site - Estuary and Lower Harbor/Bay Operable Unit," with attached "Resumo da Alternativa Preferida de EPA Relativa á Contaminação do Porto de New Bedford no Sítio do Superfund - Estuário e Parte Baixa Operativa do Porto/Baía," EPA Region I (January 1992).

10.0 Enforcement

10.3 State and Local Enforcement Records

1. Letter from Mark J. Begley, Commonwealth of Massachusetts Department of Environmental Protection to Lawrence D. Worden, City of New Bedford Department of Public Works (December 13, 1990). Concerning suggested additions to draft sampling plan for overflow locations.
2. Letter from Lawrence D. Worden, City of New Bedford Department of Public Works to Mark J. Begley, Commonwealth of Massachusetts Department of Environmental Protection (December 24, 1990). Concerning receipt of and response to December 13, 1990 letter.

10.8 ~~EPA~~ Consent Decrees

- ✓ 1. Consent Decree, *United States v. AVX Corporation, et al., Commonwealth of Massachusetts v. AVX Corporation, et al.*, United States District Court for the District of Massachusetts, Civil Action No. 83-3882-Y (December 27, 1990).
- ✓ 2. Motion to Enter Consent Decree, *United States of America v. AVX Corporation, et al., Commonwealth of Massachusetts v. AVX Corporation, et al.*, United States District Court for the District of Massachusetts, Civil Action No. 83-3882-Y (May 24, 1991).
- ✓ 3. Intervener National Wildlife Federation's Response to Plaintiffs, *United States of America and the Commonwealth of Massachusetts and the National Wildlife Federation v. AVX Corporation, Belleville Industries, Aerovox, Inc., Cornell Dubilier Electronics Co., and Federal Pacific Electric Co.*, United States District Court for the District of Massachusetts, Civil Action No. 83-3882-Y (June 17, 1991).

11.0 Potentially Responsible Party (PRP)

11.5 ~~Site~~ Level - General Correspondence

- ✓ 1. Memorandum from Mary C. Sanderson, EPA Region I to Addressees including Richard J. Hughto, Rizzo Associates, Inc. for the Joint Defense Group (October 1, 1990). Concerning transmittal of the "Final Report - Modeling of the Transport, Distribution, and Fate of PCBs and Heavy Metals in the Acushnet River/New Bedford Harbor/Buzzards Bay System," Battelle for EBASCO Services Incorporated (September 21, 1990).

11.9 ~~PRP~~ Specific Correspondence

- ✓ 1. Cross-Reference: Comments Dated September 12, 1990 from Leonard C. Sarapas, Balsam Environmental Consultants, Inc. for AVX Corporation on the August 1990 "Draft Final - Feasibility Study of Remedial Alternatives for the Estuary and Lower Harbor/Bay," E.C. Jordan Co. for EBASCO Services Incorporated [Filed and cited as entry number 8 in 4.6 Feasibility Study (FS) Reports].
- ✓ 2. Cross-Reference: Response Dated October 5, 1990 from Mary C. Sanderson, EPA Region I on the September 12, 1990 Comments from Leonard C. Sarapas, Balsam Environmental Consultants, Inc. for AVX Corporation [Filed and cited as entry number 11 in 4.6 Feasibility Study (FS) Reports].

13.0 Community Relations

13.1 ~~Correspondence~~

- ✓ 1. Letter from Lydia L. Van Hine, Greater New Bedford Environmental Community Work Group to Mary C. Sanderson, EPA Region I (September 18, 1991). Concerning request for a minimum 60 day period to comment on the Proposed Plan.

13.3 News Clippings/Press Releases

- ✓ 1. "Environmental News - EPA Postpones Meeting on New Bedford Harbor," EPA Region I (September 14, 1990).
- ✓ 2. "Environmental News - New Bedford Harbor Superfund Defendants Agree to \$12.6 Million Settlement," EPA Region I (December 20, 1990).
- ✓ 3. "Environmental News - EPA Proposes Cleanup for Second Portion of New Bedford Harbor Superfund Site," EPA Region I (January 17, 1992).

13.5 Fact Sheets

- ✓ 1. "Information Update - Hot Spot Area Design Underway for the New Bedford Harbor Cleanup," EPA Region I (April 1991). Concerning hot spot cleanup, hot spot remedial design, site preparation, and upper estuary and harbor cleanup.

16.0 Natural Resource Trustee

16.1 Correspondence

- ✓ 1. Cross Reference: Comments Dated October 30, 1990 from Kenneth Finkelstein, U.S. Department of Commerce National Oceanic and Atmospheric Administration on the August 1990 "Draft Final - Feasibility Study of Remedial Alternatives for the Estuary and Lower Harbor/Bay," E.C. Jordan Co. for EBASCO Services Incorporated [Filed and cited as entry number 9 in 4.6 Feasibility Study (FS) Reports].

16.5 Technical Issue Papers

- ✓ 1. Letter from Kenneth Finkelstein, U.S. Department of Commerce National Oceanic and Atmospheric Administration to Mary C. Sanderson, EPA Region I (January 31, 1991). Concerning transmittal of the attached "Analysis and Comparison of Remedial Alternative Recommended by Natural Resource Trustees for the Upper Buzzards Bay Section of the New Bedford Harbor Superfund Site," U.S. Department of Commerce National Oceanic and Atmospheric Administration (January 1991).
- ✓ 2. Letter from John A. Lindsey for Jay Field, U.S. Department of Commerce National Oceanic and Atmospheric Administration to Mary C. Sanderson, EPA Region I (September 20, 1991). Concerning the attached "New Bedford Harbor Site - Cost Estimate for Remedial Action (Dredging Option) Off Cornell-Dubilier Facility," U.S. Department of Commerce National Oceanic and Atmospheric Administration.

17.0 Site Management Records

17.7 Reference Documents

- ✓ 1. "Methodology for Chemical Fixation of Inorganic Sludges," Rodney R. Bartchy Jr., EnviroSAFE Management Services, Inc. (October 21, 1987).
- ✓ 2. "PCB Movement, Dechlorination, and Detoxication in the Acushnet Estuary," John F. Brown Jr. and Robert E. Wagner, General Electric Company (August 8, 1989).
- ✓ 3. "Nonconstant Polychlorinated Biphenyl Partitioning in New Bedford Harbor Sediment During Sequential Batch Leaching," James M. Brannon, Tommy E. Meyers, Douglas Gunnison, and Cynthia B. Price, U.S. Army Engineer Waterways Experiment Station (WES) (June 1990).

17.7 Reference Documents (cont'd.)

4. "Ambient Air Monitoring of Dredging and Disposal of PCB Contaminated Sediment at a Marine Superfund Site: New Bedford Harbor, Massachusetts," Alan S. Fowler and Mark R. Hanson, EBASCO Services Incorporated (July 1990).
5. "CF Systems Organics Extraction Process, New Bedford Harbor, MA: Applications Analysis Report," (EPA/540/A5-90/002) EPA Office of Research and Development Risk Reduction Engineering Laboratory (August 1990).
6. "Research and Development Program for the Destruction of PCBs: Ninth Progress Report, June 1, 1989 -- July 31, 1990," General Electric Company Corporate Research and Development (August 1990).
7. "Development and Use of Site-Specific Chemical and Biological Criteria for Assessing New Bedford Harbor Pilot Dredging Project," William G. Nelson and David J. Hansen, Environmental Research Laboratory (ERLN) (1991).
8. "Results of Treatment Evaluations of Contaminated Soils," Pat Esposito et al., PEI Associates, Inc. and Robert Thurnau et al., Hazardous Waste Engineering Research Laboratory.
9. "An Assessment of Materials that Interfere with Stabilization/Solidification Processes," M. John Cullinane Jr., R. Mark Bricka, and Norman X. Francingues Jr., U.S. Army Engineer Waterways Experiment Station (WES).
10. "Interactions of Stabilized Incineration Residue with the Marine Environment," Frank J. Roethel and Vincent T. Breslin, Marine Sciences Research Center, State University of New York.

Section II
Guidance Documents

GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at EPA Region I, Boston, Massachusetts.

General EPA Guidance Documents

1. U.S. Environmental Protection Agency. Office of Research and Development. Ultrox International Ultraviolet Radiation/Oxidation Technology Applications Analysis Report (EPA/540/A5-89/012), September 1990.
2. U.S. Environmental Protection Agency. Office of Research and Development. Soliditech, Inc. Solidification/Stabilization Process Applications Analysis Report (EPA/540/A5-89/005), September 1990.
3. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Interim Guidance on Non-Liquid PCB Disposal Methods to be Used as Alternatives to a 40 CFR 761.75 Chemical Waste Landfill. (OSWER Directive 9355.4-01), December 19, 1990.

New Bedford Harbor NPL Site-Specific Guidance Documents

New Bedford Harbor NPL Site-specific guidance documents are filed and cited in minor break 17.7 Reference Documents of this Administrative Record.