

## **GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS**

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<b>Project Name</b>	<b><u>NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)</u></b>	<b>ProjectID:</b> 01-02
<b>Last Updated:</b>	12/05/00	
<b>City:</b>	New Bedford	
<b>County:</b>	Bristol	
<b>State:</b>	MA	
<b>Country:</b>	USA	
<b>Bodies of Water:</b>	Acushnet River Estuary; New Bedford Harbor (Upper Harbor)	
<b>US EPA Region:</b>	I	
<b>Status (Active, Complete, or Monitoring Only):</b>	Complete	
<b>Date On NPL:</b>	1983	
<b>ROD/ESD Date:</b>	1990 (OU-2); 1992 (ESD); 1995 (ESD); 1999 (Amend. ROD)	
<b>Operable Unit:</b>	OU-2	
<b>Areas of Concern (length or acres):</b>	Five acres of hot spots in the estuary.	
<b>Other Characteristics of Water Body:</b>	<p>Four areas containing elevated sediment PCB concentrations in the Acushnet River estuary (greater than 4,000 ppm) were identified. These "hot spots" totaling five acres are proximal to the New Bedford shore, where the Aerovox Corporation is located.</p> <p>The Wood Street Bridge connects the city of New Bedford with the town of Acushnet. Hot Spot "A", which is contiguous with the shoreline at the Aerovox plant, covers 1.72 acres and is 1,202 feet south of this bridge. Area "B" encompasses 2.6 acres of sediment off the New Bedford shoreline and is situated 2,090 feet south of the Wood Street Bridge. Areas "C" and "D" are located 2,300 feet south of the Wood Street Bridge and encompass 0.2 and 0.4 acres, respectively. During the design of the remediation for the "hot-spot" area, further sampling was conducted to more accurately define those areas with sediment PCB levels greater than 4,000 ppm. Six Hot-Spot areas were delineated. Hot Spots "A" and "B" were essentially divided generating two additional "hot-spot" areas. Wetlands are located in the region encompassing the "hot-spots" on the Acushnet shoreline, immediately east of the Aerovox plant.</p> <p>The Acushnet River estuary which contains the "hot-spot" areas is a 230 acre region that extends from the Wood Street Bridge to the Coggeshall Street Bridge, 1.6 miles south. A wetland area is situated in the estuary on the Acushnet shoreline approximately 2,500 feet south of wetlands area I.</p>	
<b>Contaminants of Concern:</b>	PCBs (1016/1242/1254); heavy metals	
<b>Source of Contamination:</b>	Discharges from two capacitor manufacturing facilities located on shoreline.	
<b>Contaminated Area</b>	Six hot spots totaling five acres, exhibiting 4,000 - 200,000 ppm PCBs and 0 - 4,000 ppm metals.	
<b>Physical Characteristics:</b>		
<b>Type of Regulatory Action:</b>	Superfund. Interim Remedial Action. Fund-Lead.	
<b>Overall Status Summary:</b>	<p>Dredging of five acres of hot spots (OU-2) was performed from April 1994 to September 1995, taking 16.5 months to remove 14,000 cy of sediment. The dredged materials were stored in a nearshore confined disposal facility (CDF) pending selection of a remedial alternative. (Originally, onsite incineration was planned, but was canceled by EPA in 1993 due to, "... a vehement and Congressional supported reversal in public support for the incineration component of the cleanup plan at about the time the incinerator was being mobilized." (Source: Reference A-438) In 1993, the New Bedford Harbor Superfund Site Community Forum was</p>	

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created to develop a replacement consensus-based cleanup plan. From 1994-1998, the Community Forum, with regulatory assistance, evaluated eleven different disposal alternatives and included pilot-scale demonstration projects for three treatment systems: (1) combined solvent extraction and solid phase dechlorination, (2) combined thermal desorption and gas phase chemical destruction, and (3) staged vitrification. All three treatment systems were rejected by the Community Forum primarily as too costly and too time consuming, although strong opposition was provided by residents living near the existing CDF regarding, "... concerns about the possibility of air emissions or other problems occurring during implementation of the separation technologies as well as concerns about noise, lights, and dust caused by the 24-hour per day operations." (Source: Reference A-438) As a result, a proposed ROD Amendment issued for public comment in August 1998 rejected treatment as an option for the 14,000 cy of contained (in a temporary CDF) sediments and instead selected dewatering, followed by disposal at an offsite permitted hazardous waste landfill.

A final draft of the ROD Amendment was issued in April 1999, reiterating the selected disposal option as dewatering followed by offsite disposal at a TSCA-permitted landfill.

The final disposal was by off-site landfilling at Model City, NY from December 1999 – April 2000. The total cost for the disposal, as well as the dewatering and water treatment and solidification, of the 14,000 cy (20,000 tons) was \$8 million.

**Remedial Action Planned:** ☒

**Risk Assessment:** ☐

**Remedial Action Implemented:** ☒

**Status of Dredging** ☐

**PRPs:** ☒

**Contacts:** ☒

**References:** ☒

**Modeling:** ☐

**Fishing Advisory:** ☒

**Key Conditions:** commercial landfill, confined disposal facility, dredging, floating oil, hydrodynamic modeling, post monitoring, tidal fluctuations, water handling limitations

## REMEDIAL ACTION PLANNED

<b>Project Name</b>	<b><u>NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)</u></b>	<b>ProjectID:</b> 01-02
<b>Last Updated:</b>	08/20/99	
<b>Target Sediment Cleanup Standards (TSCS):</b>	4000 ppm PCBs	
<b>How TSCS Established:</b>	Maximize mass removal. The 4,000 ppm represented an optimum point in a plot of PCB mass removal vs. target PCB concentration. EPA calculated that by targeting 4,000 ppm, they could remove the greatest percentage of PCB mass for the least volume of sediment.	
<b>Target Bank and Floodplain Cleanup Levels (if applicable):</b>	N/A	
<b>Other Target:</b>	N/A	
<b>Environmental Sample Data References:</b>	<ul style="list-style-type: none"><li>• <b>Sediment:</b> References A-95, A-108, A-207</li><li>• <b>Water:</b> References A-95, A-108, A-207</li><li>• <b>Fish:</b> References A-95, A-108, A-207</li></ul>	
<b>Estimated Target Volume:</b>	10,000 cy	
<b>Planned Disposal Method:</b>	Onsite incineration (1990 ROD); changed to dewatering with offsite disposal (1999 ROD Amendment).	
<b>Estimated Calendar Time to Implement Remedy:</b>	One year	
<b>Estimated Time to Implement Remedy:</b>	Original time estimate for dredging was 4 months.	
<b>Estimated Cost to Implement Remedy:</b>	OU-2 ROD cost estimate was \$12.2 million (1990). Original cost bid for hot spot area in August 1992 was \$19.4 million including construction of WWTP, dredging for four months, and incineration. Dredging-only bid costs were \$650,000.	
<b>Stated Remedial Action Objectives (and Source):</b>	<p>The selected remedy was developed to satisfy the following remedial objectives. These objectives will guide the design of the remedy, and they will be used to measure the success of the remedy. (Source: 1990 OU-2 ROD, Reference A-101):</p> <ul style="list-style-type: none"><li>• Significantly reduce PCB migration from the Hot Spot area sediment, which acts as a PCB source to the water column and to the remainder of the sediments in the harbor.</li><li>• Significantly reduce the amount of remaining PCB contamination that would need to be remediated in order to achieve overall harbor clean-up.</li><li>• Protect public health by preventing direct contact with Hot Spot sediments.</li><li>• Protect marine life by preventing direct contact with Hot Spot Area sediments.</li></ul> <p>Hot Spot Decision Factors (Source: OU-2 Hot Spot ROD, Reference A-101):</p> <ul style="list-style-type: none"><li>• Water column data show hot spot PCB concentrations of 4 - 14 ppb vs. &lt;1 ppb in the lower harbor vs. 0.004 - 0.06 ppb in the upper bay;</li><li>• Modeling studies done for the PRPs show at least 30% of the PCB flux from the estuary</li></ul>	

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	sediments is derived from hot spot areas >4,000 ppm;	
	<ul style="list-style-type: none"><li>• Although EPA did not perform PCB sediment flux modeling for the hot spot area, EPA cites the extremely high water column concentrations as evidence of high PCB release rates from the hot spot;</li><li>• EPA justifies removal of the hot spot based on (1) the extremely high PCB concentrations present and (2) the above factors. EPA justifies the 4,000 ppm target level based on an optimum point in the "PCB concentration vs. sediment volume" plot.</li></ul>	
<b>Measures of Success to be Used:</b>	Not apparent	
<b>Planned Monitoring and Restoration:</b>	Not apparent	
<b>Agency Position on Sediment Removal (and Source):</b>	<p>Pilot study conducted in the late 1980s in a cove in upper estuary to demonstrate dredging equipment and disposal areas. 10,000 cy dredged (3,000 contaminated, 7,000 clean). Three hydraulic dredges tested: cutterhead, mudcat (horizontal auger), and matchbox. Confined shoreline disposal facility (CDF) received 2,200 cy. Confined aquatic disposal (CAD) facility (hole created by the 2,200 cy) received the other 800 cy of contaminated sediment and was capped with the clean sediment.</p> <ul style="list-style-type: none"><li>• Pilot study allowed EPA to evaluate dredging techniques, analyze resuspension and migration, determine feasibility of CDFs and CADs, determine cost/effectiveness of water treatment technologies (for CDF effluent), and assess air/water quality changes.</li><li>• The pilot dredging areas (within the cove) were in 1-6 feet of water, in close proximity to the shoreline (Note: this raises questions with regard to how representative the conditions were).</li><li>• EPA's finding of the hydraulic dredge testing was that the cutterhead was most effective based on ability to minimize resuspension and several operational advantages.</li><li>• USCOE claims to have demonstrated the feasibility and utility of "real-time" monitoring to assess downstream impacts due to dredging and allow feedback to the dredge operators so that corrective procedures/controls can be implemented. Biological, chemical, and physical data were collected at five stations. All test and analytical work was done on overnight turnaround. Baseline conditions had been determined prior to dredging.</li><li>• The statutory preference for treatment is satisfied by the hot spot remedy. The principal threat and 45% of PCBs in estuary will be removed. Additional treatment would be costly and not significantly reduce toxicity/mobility of remaining PCBs.</li><li>• The 4000 ppm hot spot standard is justified by EPA in that a plot of "cubic yard of sediment vs. PCB concentration" shows a dramatic slope change at 4000 ppm. By using a 4000 ppm target level, EPA optimizes PCB mass removal vs. volume of sediment removed.</li><li>• Treatment of sediment to comply with RCRA land disposal restrictions is not necessary since (1) sediments do not fail TCLP for metals and (2) no "placement in" occurs (because waste is moved/consolidated onsite within an area of contiguous contamination).</li></ul>	

## REMEDIAL ACTION IMPLEMENTED

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<b>Last Updated:</b>	12/05/00	
<b>Physical Target:</b>	5 acres of hot spots in the estuary to a maximum of 4 feet deep (defined as >4,000 ppm PCBs).	
<b>Goals:</b>	Removal to <4,000 ppm PCBs and storage in CDF, pending treatment.	
<b>Primary Contractor:</b>	Perland Environmental Technologies, Inc. (subsidiary of Perini).	
<b>Other Contractors:</b>	AGM Marine Contractors (dredging contractor), Metcalf & Eddy (wastewater treatment plant design), Foster Wheeler (treatment technology testing and dewatering/disposal).	
<b>Generic Remediation Method:</b>	Hydraulic dredging	
<b>Equipment:</b>	Hot spots dredged using Ellicott Series 370 12-inch cutterhead; use of silt curtains abandoned; high suction rate and slow auger rotation emphasized to control resuspension; pumped from dredge through floating pipeline (up to one mile) and deposited in nearshore CDF.	
<b>Material Handling:</b>	As described above ("Equipment:").	
<b>Volume Removed:</b>	14,000 cy	
<b>Calendar Time:</b>	Hot spot removal from April 26, 1994 through September 6, 1995. Modifications to CDF and construction of water treatment facility had started in August 1993.	
<b>Time To Implement:</b>	16.5 months	
<b>Total Cost:</b>	\$28.1 million, which included both the construction of a nearshore CDF and a dedicated 350 gpm wastewater treatment plant, and disposal (5.5 years after dredging).	
<b>Dredging Cost:</b>	\$1.74 million; \$124 per cy	
<b>Disposal of Sediment:</b>	<p>A Notice of Significant Differences was issued to allow storage in the project-specific nearshore CDF for up to 5 years. Original plan to incinerate onsite abandoned by EPA on 7/12/94 due to public opposition. (Source: Reference A-413) Alternatively, a Community Forum group, with regulatory assistance, conducted a four year program from 1994-1998 to evaluate, test, and select a treatment technology. Eleven disposal alternatives were considered, including no further action, eight treatment systems, capping, and offsite landfilling. Three treatment systems embodying six general remedial technologies (solvent extraction, chemical treatment, thermal desorption, pyrolysis, thermal destruction, and immobilization), were selected for pilot-scale demonstration:</p> <ul style="list-style-type: none"><li>• Combined Solvent Extraction and Solid Phase Dechlorination - a combination of processes provided by Ionics, Resources Conservation Company (Ionics RCC) and Commodore Remediation Technology Inc. (CRTI);</li><li>• Thermal Desorption and Gas Phase Chemical Destruction - a combination of processes using the ELI Eco Logic International, Inc. thermal desorption and gas phase chemical destruction processes operated under a teaming agreement with Science Applications International Corporation (SAIC/Eco Logic); and</li><li>• Staged Vittrification - a vittrification process developed by the Geosafe Corporation (Geosafe).</li></ul> <p>The Community Forum group with further public input rejected all three treatment systems as too costly and too time consuming. Each treatment system would have taken from 3 years (solvent extraction/solid phase dechlorination) to 6 years (staged vittrification) to implement with estimated costs ranging from \$26.3 million (thermal desorption/gas phase chemical destruction) to \$48.5</p>	

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	million (staged vitrification).	
	<p>A ROD amendment proposed in August 1998 and finalized in 1999 selected dewatering followed by offsite disposal at a permitted hazardous waste landfill as the disposal method for the 14,000 cy. The estimated time and cost for implementation was 2 years and \$14.8 million, respectively. Water treatment would be via the existing wastewater treatment system following upgrades.</p> <p>Final disposal of sediments was by off-site landfilling at Model City, NY and occurred over the period December 1999-April 2000. Major activities performed to remove sediment from the Sawyer Street CDF and prepare them for disposal were:</p> <ul style="list-style-type: none"><li>• installation of well points to remove excess water in the sediment prior to its removal from the CDF;</li><li>• treating the removed water at the existing water treatment system originally used to treat water generated during "hot spot" dredging (following modification and startup); and</li><li>• mixing lime with the sediment to entrain excess moisture prior to shipment by truck to Model City.</li></ul> <p>Approximately 20,000 tons of sediment were disposed of at a cost of \$8 million (\$400/ton). The original estimated volume of sediment dredged was 14,000 cy, resulting in a comparative disposal unit cost of \$571/cy of dredged sediment. This additional \$8 million cost for disposal results in the hot spot removal project having an overall unit cost of \$2,001 per cy.</p> <p>A further breakdown of these costs is:</p> <ul style="list-style-type: none"><li>• transport and disposal: \$3,950,471 (~\$200/ton);</li><li>• dewatering and water treatment: \$1,000,000; and</li><li>• the remaining \$3,000,000 includes engineering, oversight, and sediment handling and solidification costs.</li></ul>	
<b>Volume of Water:</b>	160 million gallons treated.	
<b>Method of Water Treatment:</b>	Water treatment by settling, flocculation, sand filter, micro (fiber) filters, and UV/oxidation. WWTP design capacity reportedly 350-420 gpm.	
<b>Water Discharge Limit:</b>	<p>The discharge limit was 0.6 ppb PCBs expressed as a monthly average. The limit was set based on a) producing no degradation in the Acushnet River and b) analytical limitations. The analytical limitations are based on the achievable quantitation limits for the two Aroclors in question (quantitation limits of 0.3 ppb each, or a total of 0.6 ppb). The Aroclors are 1242 and 1254.</p> <p>The discharge limits for the treated water are defined in a permit which is set up like an NPDES permit, with maximum instantaneous limits and monthly average limits for both PCBs and metals (cadmium, chromium, copper, and lead). In order to set water discharge limits that would meet the "no degradation in the river" requirements, EPA established background water levels prior to dredging by means of a monitoring program. It's interesting to note that the water discharge was not required to satisfy ambient water quality criteria (AWQC) since the hot spot dredging program was categorized as an interim measure (e.g., hot spot levels may only be reduced to 4,000 ppm from an initial 4,000 - 200,000 ppm range).</p>	

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<b>Air Monitoring During Remediation:</b>	<p>Reportedly, PCB discharge limits were consistently met but copper limits (monthly average) sometimes proved difficult to meet.</p> <p>Air Monitoring for PCBs (Source: References A-126)</p> <ul style="list-style-type: none"><li>• Volatilization of PCBs aggravated at this site due to (1) exposed hot spot areas at low tide and (2) oil slick forming on water during dredging.</li><li>• Air sampling locations: ten (four near CDF; six near hot spot)</li><li>• Air samples are collected (filtered) over 8-24 hour period; 72-hour lab turn-around</li><li>• Massachusetts Ambient Air Limit: 0.5 ng/m3 (1 ng = 10<sup>-9</sup> gm)</li><li>• Average background near hot spot: 40 ng/m3</li><li>• Average background represents 8 x 10<sup>-5</sup> increased lifetime carcinogenic risk</li><li>• Shut down Level: (NIOSH, 40 hr/wk, 50 yrs): 1000 ng/m3</li><li>• Action Level (one-half NIOSH): 500 ng/m3</li><li>• Notice Level: set at average of four previous background levels plus 30 ng/m3 (represents increased carcinogenic risk of 0.3 x 10<sup>-6</sup>)</li></ul> <p>Some results from the first 3 months of dredging, quoted from Reference E-8:</p> <p>"The notice level was initially 76 ng/m3 at the start of dredging in April and was increased to 172 ng/m3 as of June 24, 1994."</p> <p>"During the first 3 full days of dredging the "notice level" was exceeded on each occasion with averages of 252, 133, and 134 ng/m3 being measured with a reading of 825 ng/m3 at the sampler closest to the dredge. This resulted in modifications to the dredging procedures. Since that time, the notice level was slightly exceeded on only 4 occasions. The monthly averages for the dredging area are shown below:</p> <ul style="list-style-type: none"><li>- Month/Year: April 1994; Range (ng/m3): 54 - 252; Average (ng/m3): 143</li><li>- Month/Year: May 1994; Range (ng/m3): 21 - 163; Average (ng/m3): 69</li><li>- Month/Year: June 1994; Range (ng/m3): 62 - 158; Average (ng/m3): 101"</li></ul> <p>"Monitoring in 1994 at the CDF did not result in modifications to operations although it highlighted the need for the floating cover on CDF Cell #1. On several occasions, readings of 1,800 ng/m3 (24 hour sample) have been recorded at an individual sampler during periods when the cover was partially removed for maintenance."</p>	
<b>Water Monitoring During Remediation:</b>	<p>Resuspension Monitoring (Source: References A-126)</p> <ul style="list-style-type: none"><li>• Four sample locations in river/estuary: at WWTP discharge; 200' from dredge; at Coggeshall St. bridge; at Hurricane Barrier</li><li>• Five liter water sample; expose to biota in lab (toxicity test)</li></ul>	



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- Dissolved/suspended PCBs analyzed on 24 hr. turnaround; compared to pre-determined background
- Criterion: produce no increased impact at Coggeshall St. bridge
- Initial frequency was every day for first 21 days; no increased impact observed (i.e., none discernible separate from overall impact of estuary - wide contamination); frequency reduced to once or twice per week; is periodically increased when moving into more highly-contaminated areas
- Two factors limit observable effects from resuspension, namely:
  - Tide is incoming for 50% of the dredging period; and
  - Operating with high suction rate and slow cutter rotation.
- Discharge from WWTP: Refer to summary under "Water Discharge Limit"

References E-8 and E-47 present data on resuspension during the hot spot dredging. Results collected at the Coggeshall St. Bridge are presented. The bridge is one mile downstream from the southernmost of the hot spots. The two references present data that show that the average PCB flux measured at the bridge during dredging ranged from 0.12 to 0.45 kg/day (0.26 to 0.99 lb/day), a factor of 2-10 higher than pre-dredging.

**Outcome:** Achieved the less than 4,000 ppm PCBs target based on a relatively few post-dredging sediment verification samples collected in dredged areas. Fifteen final composite samples were used to document post dredge PCB levels in the 5 acres of hotspot areas. The 15 samples ranged from 67 to 2,068 ppm PCBs with a median of 707 ppm.

**Restoration and Post-Monitoring:** Reference A-334 (1997, circa) describes pre-and post-hot spot dredging monitoring as follows:

"Prior to initial remedial activities, a comprehensive long-term monitoring program was developed to assess the effectiveness of dredging at this site, both spatially and temporally. Pre-remedial baseline sediment sampling consisted of quantifying a suite of exposure indicators (PCBs, metals, sediment toxicity), habitat indicators (TOC, AVS, grain size) and ecological indicators (benthic community indices) at each of 72 stations along a gradient from the severely contaminated upper estuary to Buzzards Bay. Recently, the first phase of remediation was completed, dredging of a five acre "Hot Spot," and the full suite of indicators were measured again. Pre- and post-dredging comparisons were made for each indicator and are presented in GIS format. This approach will be used during each remedial phase, as well as after completion of all remedial activities, to assess ecological recovery at this Superfund site."

"Sediments were collected before any remedial activities (1993) to establish baseline conditions. First post-remedial sampling was conducted immediately after initial "Hot Spot" dredging (1995)."

Three of the findings in Reference A-334 are quoted below:

- (Based on before and after samples at 72 stations). . . "A significant PCB contamination gradient exists from the upper to lower harbor. While any major redistribution of contaminated sediments from the Hot Spot dredging was confined to the immediate vicinity of remedial activities, there is evidence that low molecular weight PCBs migrated greater distances. This newly redeposited material is different in composition from either Aroclor 1242 or 1254, the predominant Aroclors at the Hot Spot, and may be the by-product of dechlorination occurring in the Hot Spot sediments."



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- "Increased contaminant concentrations (e.g., PCBs, Cu) in 1995 were observed primarily in the upper harbor.
  - Corresponding increases in short-term acute sediment toxicity also were measured in the upper Harbor."
- "Smaller increases in 1995 contaminant concentrations and sediment toxicity occurred in lower harbor depositional areas."

The Upper Harbor is about 1.5 miles long and occupies roughly 230 acres. As presented in Reference A-334, the mean total PCB concentration in the Upper Harbor (24 sampling stations) was 94 ppm in 1993 (pre-dredging) and 124 ppm in 1995 (post-dredging). Sediment samples were grabs of the top two centimeters. This overall mean average PCB surface concentration increased 32% in the Upper Harbor following dredging.

In Reference C-271, results of air, soil, and produce samples collected up-and down-wind from the hot spots both pre (1992) and during dredging (fall 1994) are reported. One of the findings is quoted below.

"A significant increase in PCB concentrations was found in samples of tomatoes grown during a summer of harbor dredging compared to those from the pre-dredge period. Downwind of the harbor (site A), PCB concentrations in tomatoes grown during dredging exceed the concentrations in pre-dredging samples by a factor of 6."

### **Site-Specific Difficulties:**

Dredging limited to a 4 to 6 hour daytime window on either side of high tide, to ensure sufficient water depth to float the dredge.

Four to six hours of dredging at a suction rate of 2,100 gpm would "max-out" the WWTP for 24 hours. Even without the dredging being tide-limited, this factor would have limited the hours of daily dredging.

Excessive PCB volatilization to air caused numerous exceedances of PCB-in-air limit -- resulting in numerous temporary shutdowns of dredging.

As described in Reference E-8, dredging operations brought a layer of PCB oils to the surface, causing elevated PCB-in-air levels. As a result, the following dredging modifications were made:

- the dredge's swing speed was reduced to the slowest speed the operator could maintain;
- the dredge was also stopped at times and used to pull oil off the surface;
- a shroud was fabricated at the site and installed over the cutterhead to catch oil as it was released, allowing it to be pulled into the dredge;
- 3 swings were made in an attempt to remove a 1.5 foot lift of material prior to advancing the dredge; and
- the silt curtains were removed because they appeared to be contributing to the oil problem by their continuous disturbance of the bottom in the varying tidal and weather conditions.

### **Monitoring Data**

### **References:**

## **REMEDIAL ACTION IMPLEMENTED**

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- *Sediment*
- *Water:*
- *Fish:*

**POTENTIALLY RESPONSIBLE PARTIES**

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**PRP Name:** PRP INFORMATION NOT RELEASED

**PRPID:**

**Street Address:**

**City:**

**State:**

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## **KEY CONTACTS**

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***Project Name*** **NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)**

***ProjectID:*** 01-02

***Last Name:*** KEY CONTACT INFORMATION NOT RELEASED

***Contact ID:***

***First Name:***

***Title:***

***Company:***

***Address:***

***City:***

***State:***

***Postal Code:***

***Work Phone # :***

***Other Phone #:***

***Fax # :***

***Email Address:***

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## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 95

**Title:** *Public Health Assessment for New Bedford Site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** U.S. Department of Health & Human Services (Mass. Dept. of Public Health, with ATSDR)

**Preparer/Author  
Address:**

**Prepared For:** US EPA Region I and State of Mass.

**Date Published:** April 21, 1995

**Key Words and  
Phrases:**

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**Reference Type:** A

**ReferenceID:** 96

**Title:** *Pilot-Scale Incineration of PCB-Contaminated Sediments from the New Bedford Harbor Hot Spot Superfund Site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** W.E. Whitworth and L.R. Waterland

**Preparer/Author  
Address:** Acurex Corporation  
Jefferson, Arkansas

**Prepared For:** US EPA Risk Reduction Engineering Laboratory EPA/600/R-92/068 (EPA Contract No. 68-C9-0038) (NTIS PB92-178953)

**Date Published:** April 1992

**Key Words and  
Phrases:**

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## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 97

**Title:** *New Bedford Harbor Superfund Project, Acushnet River Estuary Engineering Feasibility Study of Dredging and Dredged Material Disposal Alternatives: Report 11 of 11 (Evaluation Conceptual Dredging and Disposal Alternatives)*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** (1) Daniel E. Averett, (2) Michael R. Palermo, (3) Mark J. Otis and (4) Pamela B. Rubinoff

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(3 and 4) U.S. Army Corps of Engineers  
New England District  
Waltham, MA 02254-9149

**Prepared For:** US EPA Region I

**Date Published:** July 1989

**Key Words and Phrases:**

---

**Reference Type:** A

**ReferenceID:** 98

**Title:** *Section 5.0 - Biodegradation of PCBs from EPA Responsiveness for Hot Spot Operable Unit*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region I

**Preparer/Author Address:**

**Prepared For:**

**Date Published:** 1990

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 99

**Title:** *Response to Comments Received Pursuant to the Draft  
Explanation of Significant Differences for Contained Storage of  
Hot Spot Sediments*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region I

**Preparer/Author  
Address:**

**Prepared For:**

**Date Published:** October 1995

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 100

**Title:** *Hot Spot Feasibility Study, New Bedford Harbor*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Ray Wm. Vaillancourt

**Preparer/Author  
Address:** E. C. Jordan Company

**Prepared For:** EPA/Work Assignment No. 04-1L43/Contract No. 68-01-7250

**Date Published:** July 1989

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 101

**Title:** *Record of Decision Summary: New Bedford Harbor/Hot Spot  
Operable Unit*

**Location:** AEM

**Category:** ROD/Proposed Plan/Action Memo/Decision Document

**Prepared by/Author:** US EPA Region I

**Preparer/Author  
Address:**

**Prepared For:** General Public

**Date Published:** April 1990

**Key Words and  
Phrases:**

---



## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 102

**Title:** *New Bedford Harbor Superfund Project, Acushnet River Estuary Engineering Feasibility Study of Dredging and Dredged Material Disposal Alternatives: Report 7 of 11 (Settling and Chemical Clarification Tests)*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Roy Wade

**Preparer/Author Address:** U.S. Army Corps of Engineer  
U.S. Army Engineer Waterways Experiment Station,  
Department of the Army,  
P.O. Box 631  
Vicksburg, MS 39181-0631

**Prepared For:** US EPA Region I

**Date Published:** November 1988

**Key Words and Phrases:**

---

**Reference Type:** A

**ReferenceID:** 104

**Title:** *Framework for Real-Time Decision-Making, New Bedford Harbor Pilot Dredging Study*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** William G. Nelson

**Preparer/Author Address:** US EPA ERL-Narragansett  
Environmental Research Lab.  
Narragansett, RI

**Prepared For:** EPA/600/8-89/084 (NTIS PB90-150822)

**Date Published:** November 1989

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 105

**Title:** *New Bedford Harbor Superfund Project, Acushnet River Estuary Engineering Feasibility Study of Dredging and Dredged Material Disposal Alternatives: Executive Summary -- Report 12*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Daniel E. Averett and Mark J. Otis

**Preparer/Author Address:** U.S. Army Corps of Engineers  
U.S. Army Engineer Waterways Experiment Station  
Department of the Army  
P.O. Box 631  
Vicksburg, MS 39181-0631

**Prepared For:** US EPA Region I

**Date Published:** January 1990

**Key Words and Phrases:**

---

**Reference Type:** A

**ReferenceID:** 106

**Title:** *Theoretical Evaluation of the Effectiveness of Capping PCB Contaminated New Bedford Harbor Bed Sediment (PB91-225656).*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** (1) Louis J. Thibodeaux and Danny D. Reible and, (2) Weldon S. Bosworth and Leonard C. Sarapas

**Preparer/Author Address:** (1) Louisiana State University  
(2) Balsam Environmental Consultants

**Prepared For:** AVX Corporation (through Nutter, McClennen & Fish, Boston, MA)

**Date Published:** November 14, 1990

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 107

**Title:** *Summary of PCB Sampling Results at the New Bedford Harbor Superfund Site (Table 2)*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author  
Address:**

**Prepared For:**

**Date Published:** 1995

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 108

**Title:** *PCB Pollution in the New Bedford, Massachusetts Area - A Status Report*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Grant Weaver

**Preparer/Author  
Address:** Massachusetts Coastal Zone Management

**Prepared For:** State of Massachusetts

**Date Published:** June 1982

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 109

**Title:** *Feasibility Study of Remedial Alternatives for the Estuary and Lower Harbor/Bay (Draft Final)*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Hans-Peter Krahn

**Preparer/Author  
Address:** E.C. Jordan Co.

**Prepared For:** EPA/Work Assignment No. 04-1L43/Contract No. 68-01-7250/Ebasco Services.

**Date Published:** August 1990

**Key Words and  
Phrases:**

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## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 112

**Title:** *EPA Responsiveness Summary for Hot Spot Operable Unit*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region I

**Preparer/Author  
Address:**

**Prepared For:**

**Date Published:** 1990

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 114

**Title:** *New Bedford Harbor Superfund Project, Acushnet River Estuary Engineering Feasibility Study of Dredging and Dredged Material Disposal Alternatives: Report 8 (Compatibility of Liner Systems with Dredged Materials)*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Richard A. Shafer

**Preparer/Author  
Address:** U.S. Army Corps of Engineers  
U.S. Army Engineer Waterways Experiment Station  
Department of the Army  
P.O. Box 631  
Vicksburg, MS 39181-0631

**Prepared For:** US EPA Region I

**Date Published:** October 1988

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 115

**Title:** *Examination of Dechlorination Processes and Pathways in New Bedford Harbor Sediments*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** James L. Lake, Richard J. Pruell and Frank A. Osterman

**Preparer/Author Address:** US EPA ERL-Narragansett  
Environmental Research Lab  
Narragansett, RI

**Prepared For:** EPA/600/J-94/001 (NTIS PB94-140795)

**Date Published:** 1992

**Key Words and Phrases:**

---

**Reference Type:** A

**ReferenceID:** 126

**Title:** *Superfund Program Fact Sheet: Common Questions About Dredging and Air Monitoring (Hot Spots)*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region I and U.S. Army Corps of Engineers

**Preparer/Author Address:**

**Prepared For:** General Public

**Date Published:** April 1994

**Key Words and Phrases:**

---

**Reference Type:** A

**ReferenceID:** 127

**Title:** *Evaluation of New Bedford Harbor Superfund Pilot Study*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** John B. Herbich, Ph.D

**Preparer/Author Address:** Consulting and Research Services, Inc.

**Prepared For:** General Electric Company: Report No. JBH-92-25

**Date Published:** July 15, 1992

**Key Words and Phrases:**

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## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 204

**Title:** *Draft Work Plan New Bedford Harbor RI/FS Hot Spot Sediment Treatability Studies New Bedford, Massachusetts*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Ebasco Services, Inc.

**Preparer/Author  
Address:**

**Prepared For:** EPA Contract No. 68-W9-0034

**Date Published:** February 1995

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 205

**Title:** *Explanation of Significant Differences: for Continued Storage of Hot Spot Sediments (matches-up with Reference A-99)*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region I

**Preparer/Author  
Address:** New England Region

**Prepared For:**

**Date Published:** March 28, 1995

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 206

**Title:** *Building a Confined Disposal Facility (CDF)*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region I

**Preparer/Author  
Address:**

**Prepared For:** Community Forum Poster Session

**Date Published:** November 29, 1995

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 207

**Title:** *New Bedford Harbor Long-Term Monitoring Assessment Report: Baseline Sampling*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA NHEERL-Narragansett

**Preparer/Author Address:** National Health and Environmental Effects Research Laboratory  
Atlantic Ecology Division  
Narragansett, RI

**Prepared For:** US EPA 600/R-96/097

**Date Published:** October 1996

**Key Words and Phrases:**

---

**Reference Type:** A

**ReferenceID:** 297

**Title:** *Appendix I (New Bedford Harbor Superfund Site) to GAO/RCED-96-13: EPA Has Identified Limited Alternatives to Incineration for Cleaning Up PCB and Dioxin Contamination*

**Location:** AEM

**Category:** Contaminated Sediments: Overview of Issues

**Prepared by/Author:** U.S. General Accounting Office

**Preparer/Author Address:** Washington, DC

**Prepared For:** Congressional Requesters

**Date Published:** December 1995

**Key Words and Phrases:**

---



## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 334

**Title:** *Posters presented at SETAC, 1998, entitled Pre and Post-Dredging at a Marine Superfund Site: Comparison of Exposure, Habitat, and Ecological Indicators and Remediation at a Marine Superfund Site: Surficial Sediment PCB Concentrations, Composition and Redistribution.*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** (1) Barbara J. Bergen, (2) William G. Nelson, (3) Kenneth A. Rahn, (4) G. Morrison, (5) S. J. Benyi, and (6) Comeleo

**Preparer/Author Address:** (1 and 2) US EPA ERL-Narragansett  
Environmental Research Lab  
Narragansett, RI  
(3) University of RI  
(4 and 5) OAO Corporation, and  
(6) US EPA - Region I

**Prepared For:** General Public

**Date Published:** 1997 circa

**Key Words and Phrases:**

---

**Reference Type:** A

**ReferenceID:** 406

**Title:** *Review of Technologies as Alternatives to Incineration for Treating Hot Spot Sediment*

**Location:** AEM

**Category:** Contaminated Sediments: Treatment Technologies

**Prepared by/Author:** Gayle Garman, Remedial Project Manager

**Preparer/Author Address:** US EPA Region I  
J.F.K. Federal Building  
Boston, MA 02203-2211

**Prepared For:** Internal file

**Date Published:** April 14, 1992

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 413

**Title:** *Draft Final New Bedford Harbor Hot Spot Feasibility Study Addendum*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Foster Wheeler Environmental Corporation

**Preparer/Author Address:** 470 Atlantic Avenue  
Boston, MA 02210

**Prepared For:** US EPA (Contract 68-W9-0034)

**Date Published:** December 1997

**Key Words and Phrases:**

---

**Reference Type:** A

**ReferenceID:** 438

**Title:** *Declaration for the Amended Record of Decision / Final Draft Amended Record of Decision; New Bedford Harbor Superfund Site; Hot Spot Operable Unit*

**Location:** AEM

**Category:** ROD/Proposed Plan/Action Memo/Decision Document

**Prepared by/Author:** US EPA Region I

**Preparer/Author Address:** New England Region

**Prepared For:** General Public

**Date Published:** April 1999

**Key Words and Phrases:**

---

**Reference Type:** A

**ReferenceID:** 444

**Title:** *New Bedford Harbor Superfund Site Update*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region I

**Preparer/Author Address:**

**Prepared For:** General Public

**Date Published:** August 23, 1999

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 530

**Title:** *Fact Sheet: New Bedford Harbor Superfund Site: Removing the Hot Spot Sediment*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region I

**Preparer/Author  
Address:**

**Prepared For:** General Public

**Date Published:** October 26, 1999

**Key Words and  
Phrases:**

---

**Reference Type:** A

**ReferenceID:** 768

**Title:** *Report on the Effects of the Hot Spot Dredging Operations; New Bedford Harbor Superfund Site; New Bedford Massachusetts*

**Location:** AEM

**Category:** Contaminated Sediments: Remediation Final Report

**Prepared by/Author:** US EPA Region I; US EPA Narragansett Marine R & D Lab; US Army Corps of Engineers; Roy F. Weston, Inc.

**Preparer/Author  
Address:**

**Prepared For:** General Public

**Date Published:** October 1997

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** A

**ReferenceID:** 902

**Title:** *Development and Validation of Methods for Real-Time Measurement of Pollutant Transport from an Urbanized Estuary*

**Location:** AEM

**Category:** Monitoring, Remediation (Pre- and during)

**Prepared by/Author:** (1) Gregory A. Tracey, (2) Charles James, (3) Gerald Hatcher, (4) William Nelson

**Preparer/Author Address:** (1), (2), (3) Science Applications International  
Marine Services Branch  
c/o U.S. Environmental Protection Agency  
27 Tarzwell Drive  
Narragansett, RI 02882  
(4) U.S. Environmental Protection Agency  
Environmental Research Laboratory - Narragansett  
27 Tarzwell Drive  
Narragansett, RI 02882

**Prepared For:** US EPA

**Date Published:** 1991

**Key Words and Phrases:** pilot dredging

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**Reference Type:** B

**ReferenceID:** 35

**Title:** *New Bedford Harbor Superfund Site - Progress Report for October 5, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** October 5, 1995

**Key Words and Phrases:**

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## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 36

**Title:** *New Bedford Harbor Superfund Site - Progress Report for July 23, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** July 23, 1995

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 37

**Title:** *New Bedford Harbor Superfund Site - Progress Report for June 22, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** June 22, 1995

**Key Words and Phrases:**

---

## **REFERENCES**

---

**Project Name** **NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)**

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 38

**Title:** ***New Bedford Harbor Superfund Site - Progress Report for June 8, 1995***

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** June 8, 1995

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 39

**Title:** ***New Bedford Harbor Superfund Site - Progress Report for May 25, 1995***

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** May 25, 1995

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 40

**Title:** *New Bedford Harbor Superfund Site - Progress Report for April 27, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** April 27, 1995

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 41

**Title:** *New Bedford Harbor Superfund Site - Progress Report for March 30, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** March 30, 1995

**Key Words and Phrases:**

---



## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 42

**Title:** *New Bedford Harbor Superfund Site - Progress Report for September 7, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** September 7, 1995

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 43

**Title:** *New Bedford Harbor Superfund Site - Progress Report for August 24, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** August 24, 1995

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 44

**Title:** *New Bedford Harbor Superfund Site - Progress Report for August 10, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** August 10, 1995

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 45

**Title:** *New Bedford Harbor Superfund Site - Progress Report for July 27, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** July 27, 1995

**Key Words and Phrases:**

---

## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 46

**Title:** *New Bedford Harbor Superfund Site - Progress Report for April 13, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** April 13, 1995

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 47

**Title:** *New Bedford Harbor Superfund Site - Progress Report for March 16, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** March 16, 1995

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 48

**Title:** *New Bedford Harbor Superfund Site - Progress Report for March 2, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** March 2, 1995

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 49

**Title:** *New Bedford Harbor Superfund Site - Progress Report for February 16, 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** February 16, 1995

**Key Words and Phrases:**

---

## **REFERENCES**

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**Project Name** **NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)**

**ProjectID:** 01-02

**Reference Type:**

B

**ReferenceID:** 50

**Title:**

***New Bedford Harbor Superfund Site - Progress Report for  
February 2, 1995***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

US EPA REA-Boston

**Preparer/Author**

Office of External Programs (REA)

**Address:**

John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:**

General Public

**Date Published:**

February 2, 1995

**Key Words and  
Phrases:**

---

**Reference Type:**

B

**ReferenceID:** 51

**Title:**

***New Bedford Harbor Superfund Site - Progress Report for  
January 5, 1995***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

US EPA REA-Boston

**Preparer/Author**

Office of External Programs (REA)

**Address:**

John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:**

General Public

**Date Published:**

January 5, 1995

**Key Words and  
Phrases:**

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## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 52

**Title:** *New Bedford Harbor Superfund Site - Progress Report for December 15, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** December 15, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 53

**Title:** *New Bedford Harbor Superfund Site - Progress Report for December 1, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** December 1, 1994

**Key Words and Phrases:**

---

## **REFERENCES**

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**Project Name** **NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)**

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 54

**Title:** ***New Bedford Harbor Superfund Site - Progress Report for November 17, 1994***

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** November 17, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 55

**Title:** ***New Bedford Harbor Superfund Site - Progress Report for November 3, 1994***

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** November 3, 1994

**Key Words and Phrases:**

---



## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 56

**Title:** *New Bedford Harbor Superfund Site - Progress Report for October 20, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** October 20, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 57

**Title:** *New Bedford Harbor Superfund Site - Progress Report for October 6, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** October 6, 1994

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:**

B

**ReferenceID:** 58

**Title:**

***New Bedford Harbor Superfund Site - Progress Report for  
September 22, 1994***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

US EPA REA-Boston

**Preparer/Author**

Office of External Programs (REA)

**Address:**

John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:**

General Public

**Date Published:**

September 22, 1994

**Key Words and  
Phrases:**

---

**Reference Type:**

B

**ReferenceID:** 59

**Title:**

***New Bedford Harbor Superfund Site - Progress Report for  
September 8, 1994***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

US EPA REA-Boston

**Preparer/Author**

Office of External Programs (REA)

**Address:**

John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:**

General Public

**Date Published:**

September 8, 1994

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 60

**Title:** *New Bedford Harbor Superfund Site - Progress Report for August 25, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** August 25, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 61

**Title:** *New Bedford Harbor Superfund Site - Progress Report for August 4, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** August 4, 1994

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:**

B

**ReferenceID:** 62

**Title:**

***New Bedford Harbor Superfund Site - Progress Report for July 28, 1994***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

US EPA REA-Boston

**Preparer/Author**

Office of External Programs (REA)

**Address:**

John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:**

General Public

**Date Published:**

July 28, 1994

**Key Words and  
Phrases:**

---

**Reference Type:**

B

**ReferenceID:** 63

**Title:**

***New Bedford Harbor Superfund Site - Progress Report for July 21, 1994***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

US EPA REA-Boston

**Preparer/Author**

Office of External Programs (REA)

**Address:**

John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:**

General Public

**Date Published:**

July 21, 1994

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:**

B

**ReferenceID:** 64

**Title:**

***New Bedford Harbor Superfund Site - Progress Report for July 14, 1994***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

US EPA REA-Boston

**Preparer/Author**

Office of External Programs (REA)

**Address:**

John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:**

General Public

**Date Published:**

July 14, 1994

**Key Words and  
Phrases:**

---

**Reference Type:**

B

**ReferenceID:** 65

**Title:**

***New Bedford Harbor Superfund Site - Progress Report for July 7, 1994***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

US EPA REA-Boston

**Preparer/Author**

Office of External Programs (REA)

**Address:**

John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:**

General Public

**Date Published:**

July 7, 1994

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 66

**Title:** *New Bedford Harbor Superfund Site - Progress Report for June 30, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** June 30, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 67

**Title:** *New Bedford Harbor Superfund Site - Progress Report for June 23, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** June 23, 1994

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 68

**Title:** *New Bedford Harbor Superfund Site - Progress Report for June 16, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** June 16, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 69

**Title:** *New Bedford Harbor Superfund Site - Progress Report for June 9, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** June 9, 1994

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 70

**Title:** *New Bedford Harbor Superfund Site - Progress Report for May 26, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** May 26, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 71

**Title:** *New Bedford Harbor Superfund Site - Progress Report for May 18, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** May 18, 1994

**Key Words and Phrases:**

---



## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 72

**Title:** *New Bedford Harbor Superfund Site - Progress Report for May 12, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** May 12, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 73

**Title:** *New Bedford Harbor Superfund Site - Progress Report for May 5, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** May 5, 1994

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 74

**Title:** *New Bedford Harbor Superfund Site - Progress Report for April 28, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** April 28, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 75

**Title:** *New Bedford Harbor Superfund Site - Progress Report for April 21, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boson, MA 02203

**Prepared For:** General Public

**Date Published:** April 21, 1994

**Key Words and Phrases:**

---

## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 76

**Title:** *New Bedford Harbor Superfund Site - Progress Report for April 14, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** April 14, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 77

**Title:** *New Bedford Harbor Superfund Site - Progress Report for April 7, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** April 7, 1994

**Key Words and Phrases:**

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## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 78

**Title:** *New Bedford Harbor Superfund Site - Progress Report for March 31, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** March 31, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 79

**Title:** *New Bedford Harbor Superfund Site - Progress Report for March 24, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** March 24, 1994

**Key Words and Phrases:**

---

## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 80

**Title:** *New Bedford Harbor Superfund Site - Progress Report for March 16, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** March 16, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 81

**Title:** *New Bedford Harbor Superfund Site - Progress Report for June 2, 1994*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** June 2, 1994

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 82

**Title:** *Project Summary - Pilot-Scale Incineration of PCB-Contaminated Sediments from the New Bedford Harbor Hot Spot Superfund Site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** W.E. Whitworth and L.R. Waterland

**Preparer/Author Address:** US EPA RREL-Cincinnati  
Risk Reduction Engineering Laboratory  
Cincinnati, OH

**Prepared For:** EPA

**Date Published:** September 1, 1992

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 83

**Title:** *EPA Environmental News - EPA Will Proceed with Dredging New Bedford Harbor Hot Spots*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** February 10, 1994

**Key Words and Phrases:**

---

## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 84

**Title:** *EPA Environmental News - The EPA, MADEP, and ACE  
Announce Site Tours at the New Bedford Harbor Hot Spot Site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author  
Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** November 4, 1993

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 85

**Title:** *EPA Environmental News - Dredging of New Bedford Harbor Hot  
Spots Completed; House Budget Cuts Imperil Nearby Sullivan's  
Ledge Site Cleanup*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author  
Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** September 21, 1995

**Key Words and  
Phrases:**

---

## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 86

**Title:** *EPA Environmental News - EPA-New England Announces a Meeting and Invites Comments on Continued Storage of Hot Spot Sediments at New Bedford Harbor Superfund Site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** March 16, 1995

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 87

**Title:** *Why Not Try the EcoLogic Process?*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA REA-Boston

**Preparer/Author Address:** Office of External Programs (REA)  
John F. Kennedy Federal Building  
Boston, MA 02203

**Prepared For:** General Public

**Date Published:** 1993

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 88

**Title:** *Summary of Meeting Held June 13, 1995 on the New Bedford Harbor Superfund Site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Community Forum

**Preparer/Author Address:**

**Prepared For:** General Public

**Date Published:** 1995

**Key Words and Phrases:**

---



## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 89

**Title:** *The New Bedford Community Forum Invites New Members to Join*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** The Commonwealth of Massachusetts

**Preparer/Author Address:** Office of Dispute Resolution  
100 Cambridge Street, Room 1406  
Boston, MA 12202

**Prepared For:** Press Release

**Date Published:** April 13, 1995

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 90

**Title:** *Fax re: Update of Dredging Activities at New Bedford Harbor*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Blasland, Bouck & Lee, Inc

**Preparer/Author Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214

**Prepared For:** Blasland, Bouck & Lee

**Date Published:** August 10, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 92

**Title:** *Summary of Meeting Held July 12, 1994 on the New Bedford Harbor Superfund Site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author Address:**

**Prepared For:** General Public

**Date Published:** July 26, 1994

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 93

**Title:** *New Bedford Harbor Hot Spot Trial Burn Information and  
Planned Hot Spot Removal Schedule*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region I and U.S. Army Corps of Engineers - New England District

**Preparer/Author  
Address:**

**Prepared For:** General Public

**Date Published:** 1993 early

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 98

**Title:** *New Bedford Harbor Site Risks (one page)*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** legal counsel

**Preparer/Author  
Address:**

**Prepared For:** Distribution

**Date Published:** 1992

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 202

**Title:** *New Bedford Harbor Hot Spot Post Dredge Sediment Sampling*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Mark Otis

**Preparer/Author  
Address:** U.S. Army Corps of Engineers

**Prepared For:** Dave Dickerson ( EPA Region I )

**Date Published:** 1994 and 1995

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 203

**Title:** *Letter re: New Bedford Harbor Hot Spot Area After Dredge Sediment Sampling (also part of Reference B-202)*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Mark Otis

**Preparer/Author Address:** U.S. Army Corps of Engineers

**Prepared For:** Dave Dickerson ( EPA Region I )

**Date Published:** April 19, 1995

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 208

**Title:** *New Bedford Forum Reaches Incineration Accord*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** J. Michael Keating, Jr. and Jane Wells, Community Forum

**Preparer/Author Address:**

**Prepared For:** General Public

**Date Published:** November 21, 1994

**Key Words and Phrases:**

---

**Reference Type:** B

**ReferenceID:** 209

**Title:** *Letter re: Dredging Contract for New Bedford Harbor Hot Spot*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** John B. Herbich, Ph. D,

**Preparer/Author Address:** Consulting and Research Services, Inc.

**Prepared For:** Distribution

**Date Published:** January 23, 1995

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 211

**Title:** *Environmental Protection Agency Addendum Proposed Plan (OU-2) (one page excerpt)*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region I

**Preparer/Author  
Address:**

**Prepared For:**

**Date Published:** May 1992

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 264

**Title:** *Technical Limitations / Environmental Issues Associated with Sediment Removal (New Bedford Harbor; Sheboygan River)*

**Location:** AEM

**Category:** Dredging; Contaminated

**Prepared by/Author:** Blasland, Bouck & Lee, Inc

**Preparer/Author  
Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214

**Prepared For:**

**Date Published:** June 28, 1995

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 322

**Title:** *New Bedford Site, Massachusetts*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region I

**Preparer/Author  
Address:**

**Prepared For:** Internet Website

**Date Published:** August 20, 1998

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** B

**ReferenceID:** 967

**Title:** *e-mail re: New Bedford Harbor: Hot Spot-Mass Removal*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Jim Brown

**Preparer/Author  
Address:** US EPA Region I

**Prepared For:** Richard Winfield, US EPA Region II

**Date Published:** March 20, 2001

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 1042

**Title:** *e-mail re: New Bedford Harbor*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** AEM, Inc.

**Preparer/Author  
Address:**

**Prepared For:** Severson Environmental Services

**Date Published:** January 20, 2004

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 71

**Title:** *GAO: NRD claims might be limited*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author  
Address:**

**Prepared For:** Superfund Week

**Date Published:** May 31, 1996

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** C

**ReferenceID:** 72

**Title:** *EPA tests PCB treatment at New Bedford site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Superfund Week

**Date Published:** December 1, 1995

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 73

**Title:** *New Bedford obstructs PCB incineration*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Superfund Week

**Date Published:** October 8, 1993

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 74

**Title:** *EPA takes second look on New Bedford*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Superfund Week

**Date Published:** November 12, 1993

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** C

**ReferenceID:** 75

**Title:** *Corps directs New Bedford burn preparation*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Superfund Week

**Date Published:** May 21, 1993

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 76

**Title:** *New Bedford PCB case settled*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Superfund Week

**Date Published:** September 11, 1992

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 77

**Title:** *Parties settle without knowing damages*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Superfund Week

**Date Published:** July 31, 1992

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** C

**ReferenceID:** 78

**Title:** *Pilot-Scale Incineration of PCB-Contaminated Sediments*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** The Hazardous Waste Consultant

**Date Published:** May/June 1993

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 79

**Title:** *Alternative Treatment for PCB Contamination in New Bedford Harbor Rejected by EPA Region I*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Environment Reporter

**Date Published:** April 24, 1992

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 87

**Title:** *Perland Environmental Technologies, Inc Awarded Contract*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Hazmat World

**Date Published:** December 1992

**Key Words and  
Phrases:**

---



## REFERENCES

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**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** C

**ReferenceID:** 88

**Title:** *New Bedford (Wastewater Treatment) plant bids low*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Engineering News-Record (ENR)

**Date Published:** September 14, 1992

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 89

**Title:** *New Bedford PCB incineration extinguished*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Superfund Week

**Date Published:** February 18, 1994

**Key Words and  
Phrases:**

---

**Reference Type:** C

**ReferenceID:** 149

**Title:** *Perland Environmental Technologies: Looking for the Hot Spots*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Engineering News-Record (ENR)

**Preparer/Author**

**Address:**

**Prepared For:** Supplement to ENR

**Date Published:** January 1994

**Key Words and  
Phrases:**

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## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** C

**ReferenceID:** 264

**Title:** *Application of a Mixed-Method Analytical Scheme for Analysis of PCB in Water and Sediment Samples from a Polluted Estuary*

**Location:** AEM

**Category:** Analytical Protocol/Issues/QAPP

**Prepared by/Author:** (1) Richard McGrath, (2) William Steinhauer, and (3) Siegfried Stockinger

**Preparer/Author Address:** (1 and 2) Battelle (MA) and  
(3) Ebasco Services Inc. (MA)

**Prepared For:** Waterways and Wetlands Reclamation

**Date Published:** 1980s late

**Key Words and Phrases:**

---

**Reference Type:** C

**ReferenceID:** 265

**Title:** *Harbor PCB fix accelerates*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author Address:**

**Prepared For:** Engineering News-Record (ENR)

**Date Published:** September 14, 1992

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** C

**ReferenceID:** 271

**Title:** *Influence of Harbor Contamination on the Level and Composition of PCBs in Produce in Greater New Bedford, MA*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** (1) Allison Cullen, (2) Donna Vorhees, and (3) Larisa Altshul

**Preparer/Author Address:** (1) Department of Environmental Health  
Harvard School of Public Health  
Boston, MA 02115 and  
University of Washington  
Seattle, WA 98195-3055  
(2, 3) Department of Environmental Health  
Harvard School of Public Health  
Boston, MA 02115

**Prepared For:** Environmental Science & Technology, 1996, Vol. 30, No. 5, pp. 1581-1588

**Date Published:** 1996

**Key Words and Phrases:**

---

**Reference Type:** C

**ReferenceID:** 318

**Title:** *EPA Issues \$14.8M Plan for Cleanup at New Bedford NPL Site in Mass.*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author Address:**

**Prepared For:** Superfund Week

**Date Published:** August 21, 1998

**Key Words and Phrases:**

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## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** C

**ReferenceID:** 404

**Title:** *Remediation at a Marine Superfund Site: Surficial Sediment PCB Congener Concentration, Composition, and Redistribution*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** (1) Barbara J. Bergen, (2) Kenneth A. Rahn and (3) William G. Nelson

**Preparer/Author Address:** (1 and 3) U.S. EPA NHEERL-Narragansett  
National Health and Environmental Effects Research Laboratory  
Atlantic Ecology Division  
27 Tarzwell Drive  
Narragansett, RI 02882  
(2) Graduate School of Oceanography  
University of Rhode Island  
Narragansett, RI 02882

**Prepared For:** Environmental Science & Technology, 1998, Vol. 32, No. 22, pp 3496-3501

**Date Published:** 1998

**Key Words and Phrases:**

---

**Reference Type:** C

**ReferenceID:** 545

**Title:** *Polychlorinated Biphenyls in House Dust and Yard Soil near a Superfund Site*

**Location:** AEM

**Category:** Miscellaneous

**Prepared by/Author:** Donna J. Vorhees, Alison C. Cullen, Larisa M. Altshul

**Preparer/Author Address:** Department of Environmental Health,  
Environmental Science and Engineering Program  
Harvard School of Public Health  
665 Huntington Avenue, Building 1, Room B44  
Boston, MA 02115

**Prepared For:** Environmental Science & Technology, 1999, Vol. 33, No. 13, pp 2151-2156

**Date Published:** 1999

**Key Words and Phrases:**

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## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** D

**ReferenceID:** 2

**Title:** *New Bedford still seeks way to deal with PCBs*

**Location:** AEM

**Category:** Contaminated Sediments: Overview of Issues

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** The Boston (MA) Globe

**Date Published:** November 3, 1997

**Key Words and  
Phrases:**

---

**Reference Type:** D

**ReferenceID:** 13

**Title:** *Harbor PCB cleanup starts next month.*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Bill Ibelle

**Preparer/Author**

**Address:**

**Prepared For:** The New Bedford (MA) Standard-Times

**Date Published:** May 6, 1993

**Key Words and  
Phrases:**

---

**Reference Type:** D

**ReferenceID:** 14

**Title:** *Harbor 'Hot Spot' dredging to last until end of 1995*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Natalie White

**Preparer/Author**

**Address:**

**Prepared For:** The New Bedford (MA) Standard-Times

**Date Published:** December 8, 1994

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:**

D

**ReferenceID:** 15

**Title:**

***New Bedford Harbor PCB dredging is painstakingly slow work***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

Natalie White

**Preparer/Author**

**Address:**

**Prepared For:**

The New Bedford (MA) Standard-Times (Sunday)

**Date Published:**

August 21, 1994

**Key Words and  
Phrases:**

---

**Reference Type:**

D

**ReferenceID:** 16

**Title:**

***EPA shifts PCB work on river***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

Hans Schattle

**Preparer/Author**

**Address:**

**Prepared For:**

The New Bedford (MA) Standard-Times

**Date Published:**

July 13, 1994

**Key Words and  
Phrases:**

---

**Reference Type:**

D

**ReferenceID:** 17

**Title:**

***Companies will be alerted of airborne PCBs***

**Location:**

AEM

**Category:**

Site Update

**Prepared by/Author:**

Paul Gately

**Preparer/Author**

**Address:**

**Prepared For:**

The New Bedford (MA) Standard-Times

**Date Published:**

June 14, 1994

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** D

**ReferenceID:** 18

**Title:** *Perini: Perini unit wins contract to clean up New Bedford Harbor*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Kathleen A. Fyfe

**Preparer/Author  
Address:** Perini, Framingham, MA

**Prepared For:** Business Wire

**Date Published:** July 20, 1993

**Key Words and  
Phrases:**

---

**Reference Type:** D

**ReferenceID:** 27

**Title:** *Round two: Citizens group concerned about second phase of PCB clean up*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Lori Rebello

**Preparer/Author  
Address:**

**Prepared For:** The Fairhaven (MA) Advocate

**Date Published:** July 27, 1995

**Key Words and  
Phrases:**

---

**Reference Type:** D

**ReferenceID:** 148

**Title:** *EPA wants proof of PCB cure*

**Location:** AEM

**Category:** Contaminated Sediments: Treatment Technologies

**Prepared by/Author:**

**Preparer/Author  
Address:**

**Prepared For:** The Fairhaven (MA) Advocate

**Date Published:** April 29, 1993

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** E

**ReferenceID:** 8

**Title:** *New Bedford Harbor, Massachusetts, Dredging/Disposal of PCB Contaminated Sediments*

**Location:** AEM

**Category:** Dredging: Remedial (Contaminated Sediments)

**Prepared by/Author:** Mark J. Otis

**Preparer/Author Address:** U.S. Army Corps of Engineers

**Prepared For:** Dredging 1994 - Proceedings of the Second International Conference on Dredging and Dredged Material Placement Volumes 1 & 2

**Date Published:** 1994

**Key Words and Phrases:**

---

**Reference Type:** E

**ReferenceID:** 47

**Title:** *Effectiveness and Limitations of Remedial Dredging*

**Location:** AEM

**Category:** Dredging: Remedial (Contaminated Sediments)

**Prepared by/Author:** Louis J. Thibodeaux, Danny D. Rieble and K.T. Valsaraj

**Preparer/Author Address:** Hazardous Substance Research Center  
Louisiana State College  
Baton Rouge, LA

**Prepared For:** Sediment Management Seminar

**Date Published:** February 9-10, 1998

**Key Words and Phrases:**

---

**Reference Type:** E

**ReferenceID:** 48

**Title:** *Effectiveness and Limitations of Remedial Dredging (selected pages)*

**Location:** AEM

**Category:** Dredging: Remedial (Contaminated Sediments)

**Prepared by/Author:** Louis J. Thibodeaux, Danny D. Rieble and K.T. Valsaraj

**Preparer/Author Address:** Louisiana State University  
Baton Rouge, LA

**Prepared For:** Sediment Management Seminar

**Date Published:** February 9-10, 1998

**Key Words and Phrases:**

---



## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** E

**ReferenceID:** 136

**Title:** *Sediment Management Seminar February 9-10, 1998  
Proceedings (Reference E-137)*

**Location:** AEM

**Category:** Dredging: Remedial (Contaminated Sediments)

**Prepared by/Author:** Blasland, Bouck & Lee, Inc.

**Preparer/Author  
Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214

**Prepared For:** Attendees

**Date Published:** February 9-10, 1998

**Key Words and  
Phrases:**

---

**Reference Type:** E

**ReferenceID:** 239

**Title:** *Remediation of Sediments by Dredging: Methods and Case  
Histories*

**Location:** AEM

**Category:** Dredging: Remedial (Contaminated Sediments)

**Prepared by/Author:** Bradford S. Cushing

**Preparer/Author  
Address:** AEM, Inc.

**Prepared For:** WODCON XV Conference, Las Vegas, NV

**Date Published:** June 28 - July 2, 1998

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** G

**ReferenceID:** 49

**Title:** *Assessing Remedial Dredging Effects and Effectiveness:  
Examples from New Bedford Harbor  
(for complete presentation see Reference G-41)*

**Location:** AEM

**Category:** Cleanup Levels and Risks

**Prepared by/Author:** (1) William G. Nelson, (2) Barbara J. Bergen

**Preparer/Author  
Address:** Office of Research & Development  
National Health and Ecological Effects Research Laboratory  
Atlantic Ecology Division  
Narragansett, RI 02882

**Prepared For:** EPA Forum on Managing Contaminated Sediments at Hazardous Waste Sites

**Date Published:** May 30 - June 1, 2001

**Key Words and  
Phrases:**

---

**Reference Type:** H

**ReferenceID:** 5

**Title:** *Figure 1: New England Harbor and Acushnet River Estuary*

**Location:** AEM

**Category:** Miscellaneous

**Prepared by/Author:**

**Preparer/Author  
Address:**

**Prepared For:**

**Date Published:**

**Key Words and  
Phrases:**

---

**Reference Type:** H

**ReferenceID:** 6

**Title:** *Sketches of Nearshore CDF*

**Location:** AEM

**Category:** Contaminated Sediments: Disposal Methods

**Prepared by/Author:**

**Preparer/Author  
Address:**

**Prepared For:** US EPA Region I

**Date Published:** December 1991

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** I

**ReferenceID:** 43

**Title:** *Massachusetts Targets PCB "Hot Spot" for Dredging - Ellicott Case Studies*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Engineering News Record

**Preparer/Author  
Address:**

**Prepared For:** Ellicott International

**Date Published:** 2000

**Key Words and  
Phrases:**

---

**Reference Type:** I

**ReferenceID:** 44

**Title:** *Treatment and Disposal of Dredged Material: An Update - Ellicott Case Studies*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Port Engineering Management

**Preparer/Author  
Address:**

**Prepared For:** Ellicott International

**Date Published:** 2000

**Key Words and  
Phrases:**

---

**Reference Type:** L

**ReferenceID:** 34

**Title:** *Memo re: Phone Conversation with Dredging Engineer at Perland Environmental Technologies Re: New Bedford Harbor Hot Spot Dredging*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** AEM, Inc.

**Preparer/Author  
Address:** Malvern, PA 19355

**Prepared For:** Internal file

**Date Published:** April 7, 1995

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** L

**ReferenceID:** 35

**Title:** *Memo re: New Bedford Harbor Hot Spot Dredging Progress*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** AEM, Inc.

**Preparer/Author  
Address:** Malvern, PA 19355

**Prepared For:** Distribution

**Date Published:** March 31, 1995

**Key Words and  
Phrases:**

---

**Reference Type:** L

**ReferenceID:** 36

**Title:** *Memo re: Wastewater Treatment Process at New Bedford Harbor*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** AEM, Inc.

**Preparer/Author  
Address:** Malvern, PA 19355

**Prepared For:** Distribution

**Date Published:** June 1, 1994

**Key Words and  
Phrases:**

---

**Reference Type:** L

**ReferenceID:** 73

**Title:** *Memo re: New Bedford Harbor*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** John Haggard

**Preparer/Author  
Address:** General Electric Co.  
1 Computer Drive South  
Albany, NY 12205

**Prepared For:** Distribution

**Date Published:** February 11, 1998

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** L

**ReferenceID:** 165

**Title:** *Summary of Major Revisions to RODs and Proposed Plans -  
Sediment Sites*

**Location:** AEM

**Category:** ROD/Proposed Plan/Action Memo/Decision Document

**Prepared by/Author:** AEM, Inc.

**Preparer/Author  
Address:** Malvern, PA 19355

**Prepared For:** Internal Distribution

**Date Published:** April 13, 2001

**Key Words and  
Phrases:**

---

**Reference Type:** L

**ReferenceID:** 201

**Title:** *Results of Research for Short-Term Impacts on Sediment and  
Fish PCB Concentrations Due to Sediment Removal*

**Location:** AEM

**Category:** Fish/Biota

**Prepared by/Author:** AEM, Inc.

**Preparer/Author  
Address:**

**Prepared For:** File

**Date Published:** March 19, 2001

**Key Words and  
Phrases:**

---

**Reference Type:** M

**ReferenceID:** 36

**Title:** *Dechlorinations of Polychlorinated Biphenyls in Sediments of New  
Bedford Harbor EPA/600/D-91/249 (NTIS PB92-121151)*

**Location:** AEM

**Category:** Contaminated Sediments: Investigation/Delineation

**Prepared by/Author:** James L. Lake, Richard J. Pruell and Frank A. Osterman

**Preparer/Author  
Address:** US EPA ERL-Narragansett  
Environmental Research Lab  
Narragansett, RI

**Prepared For:** US EPA Region I

**Date Published:** 1991

**Key Words and  
Phrases:**

---

## REFERENCES

---

**Project Name** NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)

**ProjectID:** 01-02

**Reference Type:** M **ReferenceID:** 62  
**Title:** *Superfund Toxic Substances: Exposure and Disease*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** Richard R. Monson, M.D.  
**Preparer/Author Address:** Harvard School of Public Health  
**Prepared For:** From INTERNET  
**Date Published:** 1996  
**Key Words and Phrases:**

---

**Reference Type:** M **ReferenceID:** 247  
**Title:** *Environmental Dredging: An Evaluation of Its Effectiveness in Controlling Risks*  
**Location:** AEM  
**Category:** Contaminated Sediments: Overview of Issues  
**Prepared by/Author:** Blasland, Bouck & Lee, Inc.  
**Preparer/Author Address:** 6723 Towpath Road  
P.O. Box 66  
Syracuse, NY 13214  
**Prepared For:** General Electric Company  
**Date Published:** August 2000  
**Key Words and Phrases:**

---

**Reference Type:** Q **ReferenceID:** 2  
**Title:** *Cost Summaries: Initial Successful Bid Cost and Final Incurred Costs (Hot Spots)*  
**Location:** AEM  
**Category:** Cost Summary Reports  
**Prepared by/Author:** US EPA Region I  
**Preparer/Author Address:** J.F. Kennedy Federal Building  
Boston, MA 02203-2211  
**Prepared For:** EPA Internal File (presumably)  
**Date Published:** 1995 circa  
**Key Words and Phrases:**

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## ***FISH ADVISORIES***

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***Project Name*** **NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)**

***ProjectID:*** 01-02

***Advisory:*** New Bedford Harbor - Area 1

***AdvisoryID:*** 450

***Extent:*** Area 1

***Pollutant:*** PCBs (total)

***Species:*** all fish

***Population:*** NCGP

***Population Definition:*** No Consumption-General Population: Advise against consumption by the general population.

***Advisory Type:*** Estuary

***Advisory Number:*** 191

***Status (Active or Rescinded):*** Active

***Date Rescinded:***

***Contact Name:*** Elaine Krueger

***Contact Number:*** 617-624-5757

---

***Advisory:*** New Bedford Harbor - Area 1

***AdvisoryID:*** 927

***Extent:*** Area 1

***Pollutant:*** PCBs (total)

***Species:*** all fish

***Population:*** NCSP

***Population Definition:*** No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.

***Advisory Type:*** Estuary

***Advisory Number:*** 191

***Status (Active or Rescinded):*** Active

***Date Rescinded:***

***Contact Name:*** Elaine Krueger

***Contact Number:*** 617-624-5757

---

***Advisory:*** New Bedford Harbor - Area 1

***AdvisoryID:*** 4

***Extent:*** Area 1

***Pollutant:*** PCBs (total)

***Species:*** shellfish-lobster

***Population:*** NCGP

***Population Definition:*** No Consumption-General Population: Advise against consumption by the general population.

***Advisory Type:*** Estuary

***Advisory Number:*** 191

***Status (Active or Rescinded):*** Active

***Date Rescinded:***

***Contact Name:*** Elaine Krueger

***Contact Number:*** 617-624-5757

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## ***FISH ADVISORIES***

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***Project Name*** **NEW BEDFORD HARBOR - PROJECT 1 (Hot Spots)**

***ProjectID:*** 01-02

***Advisory:*** New Bedford Harbor - Area 1

***AdvisoryID:*** 926

***Extent:*** Area 1

***Pollutant:*** PCBs (total)

***Species:*** shellfish-lobster

***Population:*** NCSP

***Population Definition:*** No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.

***Advisory Type:*** Estuary

***Advisory Number:*** 191

***Status (Active or Rescinded):*** Active

***Date Rescinded:***

***Contact Name:*** Elaine Krueger

***Contact Number:*** 617-624-5757

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