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**New Bedford Harbor Superfund Site
Meeting
January 12, 1994
6:00 p.m.
Greater New Bedford
Vocational High School**

AGENDA

- Membership and outreach issues
- Presentations on in situ alternatives
- Critique, discussion of in situ alternatives
- Begin development of list of other options/alternatives
- Technical assistance for committee

*Mike McGee
Community Workgroup*

John-

**Minutes of Meeting Held January 12, 1994
on the New Bedford Harbor Superfund site**

In attendance at the session were:

Facilitator

Michael Keating
Jane Wells

HATR

Eugene Grace
David Hammond
James Simmons

Concerned Parents of Fairhaven

Claudia Kirk
Kathleen Rocha

Mayor's Office

Elizabeth Wright

DEP

Paul Craffey
Madeline Snow
Helen Waldorf

NOAA

Marguerite Matera

Downwind Coalition

Neal Balboni
Diana Cabbold
Carol Sanz

New Bedford City Council

David Gerwatowski
George Kalisz
George Rogers

EPA

Frank Ciavattieri
Harley Laing
John McNeil

State Elected Officials

Senator Mark Montigny
Rep. Bill Strauss

Town of Fairhaven

John Haarland
Jeff Osuch

Town of Acushnet

Jackie Bightman
Roland Peppin

Approximately 15-20 members of the public observed the meeting, which was videotaped for subsequent broadcast on local cable television.

The meeting convened at about 6:20 p.m., with an introduction of new and returning members. The Committee, after some questioning and discussion, accepted representation of the National Oceanic & Atmospheric Administration (NOAA) on the Committee. A concern was voiced over the continued expansion in the number of people participating as negotiators at the table in excess of the number of participants agreed to by the parties for each constituency at the committee's organizational meeting on December 7, 1993.

: Next meeting of the New Bedford Harbor Superfund Site :
: Committee: 6:00 p.m., WEDNESDAY, JANUARY 19, 1994, at :
: the Greater New Bedford Vocational High School. :

The bulk of the meeting consisted of two presentations on in situ treatment technology alternatives:

1. Mellgard Environmental Corporation: Company spokesmen described the MecTool system which provides a remediation delivery system that allows the application and mixing of in situ treatment. The spokesmen provided a brief history of the firm's past and present remediation efforts and, on the basis of their relatively brief opportunity to analyze the New Bedford Harbor problem, offered and walked the Committee through a tentative proposal on how Aqua Mectool could be used to remediate the hot spots. The presenters suggested alternative approaches:

- Solidification, involving the encapsulation and immobilization of contaminants in cementitious grout, or
- Physical desorption, involving the removal of PCBs and organic metals from sediments, followed by their separation, reduction and off-site destruction.

The Mellgard representatives provided the Committee with additional information on their methodology and experience. The question period following the presentation focused on the obstacles to, and the long-term impacts of, in situ solidification, limits on the treatment of inorganic metals through physical desorption and other issues relating to the adaptability of the process to the specific New Bedford Harbor site, problem and environment.

2. CJH Environmental Inc.: Company spokesmen described the bioremediation process developed by Best Available Technologies Corporations of Canada (BAT), which is a joint partner in the CJH Environmental proposal. The process involves the introduction into the hot spots of BAT microbial products through the use of pelletized, porous ceramic materials, or so-called BEADS (biological envelope and delivery system).

The subsequent questioning of committee members focused on the impact of the bioremedial microbes on the environment, the extent of past experience with tidal, salt waters with comparable concentrations of PCBs, and the treatment of heavy metals. The presenters indicated some preference for treatment of the hot spot waste in the CDF.

At the conclusion of the discussion, EPA and DEP were asked by the Committee to prepare a response to the presented technologies at the next Committee meeting, which will also address the dredging issue and attempt to develop an

array of options for meeting the interests of parties identified during the January 5, 1994 meeting. The agencies continue to work on the citizens' groups' request for expert technical assistance, and the facilitators will try to finalize a process for underwriting such assistance within the week.

The meeting adjourned at 9:27 p.m.

The next meeting of the New Bedford Harbor Superfund Site Committee will convene at 6:00 p.m., Wednesday, January 19, 1994 at the Greater New Bedford Vocational High School.

WPPJMK/2635

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