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**New Bedford Harbor Superfund Forum
Meeting**

**April 13, 1994
6:00 p.m.**

**Acushnet
Elementary School**

AGENDA

- **Innovative Technologies**
 - **McLaren**
 - **High Voltage**
- **Selection Process: What happens now?**
- **Minutes: Purpose and limits**

Status of Review of Innovative Technologies

Presentations to Forum (as of April 6):

Bio Safe
CF Technologies
CJH Environmental
Eco Logic
ETG Environmental
Millgard
Molten Metal
Site-Seal Corp.

Presentation on April 13:

McLaren
High Voltage

Tentative Presenters on April 27:

World Environmental
Seaview Thermal

Tentative Presenters on May 11:

Resources Conservation Co.
Envirogen (?)

Materials supplied, but no presentation:

Gid Laboratory
RUST Remedial Services, Inc.

Summary of Meeting Held April 13, 1994
on the New Bedford Harbor Superfund site

In attendance at the session were:

Facilitators

Michael Keating
Jane Wells

HATR

David Hammond
Eugene Grace

Concerned Parents of Fairhaven

Claudia Kirk
Kathleen Rocha

Mayor's Office

Elizabeth Wright

DEP

Paul Craffey
Jay Naparstek

New Bedford City Council

Frad Kalisz, Jr.
George Rogers

Downwind Coalition

Diana Cobbold
Carol Sanz

NOAA

Ken Finklestein

EPA

Gail Garman
Harley Laing

State Elected Officials

Rep. Bill Strauss

Town of Fairhaven

John Roderiques

Town of Acushnet

Roland Pepin

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

The facilitator explained that the written summaries of meetings he regularly prepares and dispatches to participants are not intended to be formal "minutes" of the Committee's proceedings. The Committee neither reviews nor corrects the summaries, and they are never formally adopted by the whole group. The summaries are intended simply to provide absent members and the general public with a brief account of the subjects covered in the Committee's meetings. Any errors included in the summaries or misrepresentations, particularly, of the positions of vendors of innovative technologies, or, for that matter, of any member of the Committee, are attributable solely to the facilitator.

: NEXT MEETING OF THE NEW BEDFORD HARBOR SUPERFUND SITE COMMITTEE :
: WILL BE ON WEDNESDAY, APRIL 27, 1994, AT 6:00 P.M. AT THE :
: GREATER NEW BEDFORD VOCATIONAL HIGH SCHOOL :

The Committee decided to set aside the April 27th meeting to discuss the future functions and responsibilities of the Committee, once the interviews with presenters of innovative technologies are complete.

The Committee first interviewed representatives from McLaren Hart Environmental Engineering Corp. on its low-temperature thermal desorption process for dealing with the hot spots. The process would use infrared radiant heat, air stripping and vacuum extraction to separate PCB's from the hot spot sediments, which can then be shipped off-site for disposal or dechlorinated on-site. The process does not deal with heavy metals, which would require an additional treatment mode. Advantages of the process are its mobility and efficiency, a relatively low cost (somewhere between \$3.05 and \$3.9 million) and a track record with the treatment of PCB's (although in much lower concentrations than here in the New Bedford site).

A representative from High Voltage Environmental Applications, Inc. described for the Committee the high energy electron beam treatment process pioneered by his company. Irradiation of the material to be treated with high-energy electrons results in the formation of aqueous electrons, hydrogen radicals and hydroxyl radicals which chemically react with and destroy organic compounds, changing them to dioxide, water and salt. The reaction by-products are non-toxic, and there are no air emissions. The estimated time to complete clean-up with this process, which would require another technology to deal with heavy metals, is 2.5 years, and the estimated cost would be approximately \$20 million. The process has no record of dealing with sludge with the level of PCB's found in the New Bedford hot spots.

The meeting adjourned at 9:47 p.m. The next meeting is scheduled for Wednesday, April 27, 1994 at the Greater New Bedford Vocational High School at 6:00 p.m.

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