

13.4.8

**New Bedford Harbor Superfund Forum
Meeting**

**March 1, 1994
6:00 p.m.**

**Greater New Bedford
Vocational High School**

Superfund site information

SITE: N/NEW BEDFORD

BREAK: 1

OTHER: 4/7/94

AGENDA

- Summary of agreements
- Report of Subcommittee on the Center of Excellence
- Media issues
- EPA presentation on incineration
 - Criteria for selection of a technology; a scorecard
 - Explanation of incineration as technology of choice
 - Questions and answers
- Citizens' groups presentation
 - Introduction
 - Affected area
 - Lead and winds
 - New Bedford lead program
 - Technical analysis (Mick Harrison)
 - Questions and answers

Schedule for Technologies

March 9

Molten Metal (1)
7:00 p.m.

Catalytic extraction processing (CEP)

Site-Seal Corp. (11)
8:00 p.m.

Advanced chemical fixation

CF Technologies (6)
9:00 p.m.

Solvent extraction, critical fluid
extraction (gas)

March 30

Resources Conservation Co. (8)
6:30 p.m.

Triethylamine extraction
(B.E.S.T. Process)

ETG Environmental (13)
7:30 p.m.

April 6

Eco Logic (5)
6:30 p.m.

Thermal gas phased reduction

Bio Safe, Inc. (2)
7:30 p.m.

Thermal desorption process

F:31845

List of Technologies for New Bedford Harbor Superfund Site

1. Molten Metal Technology, Inc. Catalytic extraction
421 Currant Road processing (CEP)
Fall River, MA 02720
617-487-9700

617-487-7622
Eugene Berman, Vice President
2. BioSafe Inc. Thermal desorption
10 Fawcett Street process
Cambridge, MA 02138
617-497-4500
617-497-6355 FAX

S. Russell Sylva, Vice President
3. CJH Environmental, Inc. Bioremediation
31 Tosca Drive
Suite 8
Stoughton, MA 02072
617-341-2833

Michael L. Cook, Principal
4. Millgard Environmental Corporation Solidification and
12900 Stark Road chemical
P.O. Box 2708 desorption
Livonia, MI 48151
312-261-9760
312-261-7417 FAX

Edward W. Cicero
5. Eco Logic Thermal gas phased
143 Dennis Street reduction
Rockwood, Ontario N0B 2K0
Canada
519-856-9591
519-856-9235 FAX

Douglas J. Hallet, Ph.D., President
6. CF Technologies, Inc. Solvent extraction,
One Westinghouse Plaza critical fluid
Suite 200 extraction (gas)
Hyde Park, MA 02136-2059
617-364-2500
617-364-2550 FAX

John Moses, President

7. CF Systems Corporation
3D Gill Street
Woburn, MA 01801
617-937-0800
617-937-5610 FAX
- Susan Erickson
Steven LaBlanc
8. Resources Conservation Company
3630 Cornus Lane
Ellicott City, MD 21042
301-596-6066
410-465-2887 FAX
- Lanny Weimer
9. SDTX Technologies, Inc.
706 Sayre Drive
Princeton, NJ 08540
609-452-0955
609-452-7670 FAX
- Bob Hood
10. United Retek Corporation
100 Medway Road
Millford, MA 01757
508-478-5500
508-478-9211 FAX
- Richard Gladdys, Sales Manager
11. Site-Seal Corporation, Inc.
24 East Avenue
Suite 1364
New Canaan, CT 06840
203-966-0780
203-972-3719 FAX
- Robert Belpport, President
- Liquified propane
extraction
- Triethylamine extraction
(B.E.S.T. Process)
- Chemical desorption
(chlorination)
- Asphalt emulsion
stabilization
- Advanced chemical
fixation

- | | |
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| <p>12. Seaview Thermal Systems
 Brian Horne
 215-654-9800 (PA)
 713-932-4500 (Houston)</p> | <p>Thermal, but not
 incineration
 Heat up to volatilize</p> |
| <p>13. Sprung Instant Structures, Inc.
 P.O. Box 125
 North Easton, MA 02356
 508-238-9593
 508-238-0863 FAX</p> <p>Michael Dewey, Sales Associate</p> | |
| <p>14. BCD
 US EPA
 Office of Research & Development
 Risk Reduction Engineering Laboratory
 Cincinnati, OH 45268
 513-569-7655</p> <p>Carl Brunner
 Senior Research Scientist</p> | <p>EPA Patented Process
 for Detoxifying
 Chlorinated Wastes
 (dehalogenation)</p> |
| <p>15. RUST Remedial Services, Inc.
 Clemson Technical Center, Inc.
 100 Technology Drive
 Anderson, SC 29625
 803-646-2413
 803-646-5311 FAX</p> <p>Carl Palmer, Project Manager</p> | <p>X-TRAX thermal
 desorption system</p> |
| <p>16. ENSR Corporation
 3000 Richmond Avenue
 Houston, TX 77098</p> <p>Dr. Michael Massey, VP & GM
 713-520-0538</p> <p>Dr. Saeed Darian, Manager,
 Process Laboratory
 713-522-4815</p> | <p>Extractive
 decontamination
 of soils & sludges</p> |
| <p>17. Contamination Technology, Inc.</p> <p>Jim Hughes
 617-575-8920</p> | |

18. ETG Environmental
660 Sentry Parkway
Blue Bell, PA 19422
610-832-0700

Steve Detwiler,
Dir. of Mkt Development

Yei-shong Shieh, Sr. VP Tech

JMK:2668

Minutes of Meeting Held March 1, 1994
on the New Bedford Harbor Superfund site

In attendance at the session were:

Facilitator
Michael Keating

HATR
David Hammond
Eugene Grace

Concerned Parents of Fairhaven
Claudia Kirk
Kathleen Rocha

Mayor's Office
Elizabeth Wright

DEP
Paul Craffey
Jay Naparstek
Helen Waldorf

New Bedford City Council
David Gerwatowski
George Kalisz
George Rogers

Downwind Coalition
Neal Balboni
Dianna Cobbold
Carol Sanz

State Elected Officials
Rep. Bill Strauss

EPA
Frank Ciavattieri
Harley Laing

Town of Acushnet
Roland Peppin

Town of Fairhaven
Patrick Mullins
Jeff Osuch

NOAA
Marguerite Matera
Ken Finklestein

Approximately 50-60 members of the public observed the meeting, which was videotaped for subsequent broadcast on local cable television.

The meeting convened at 6:22 p.m. The facilitator began with a reminder of two unresolved issues that remain, despite substantial progress among the participants in many other areas: 1) the citizens' groups and others have serious questions about the safety of dredging operations proposed by the agencies; and 2) the agencies have not excluded the use of incineration off-site as a potential remediation technology.

: NEXT MEETING OF THE NEW BEDFORD HARBOR SUPERFUND SITE COMMITTEE :
: WILL BE ON WEDNESDAY, MARCH 9, 1994, AT 6:00 P.M. AT THE GREATER :
: NEW BEDFORD VOCATIONAL HIGH SCHOOL :

The Committee agreed that all press releases on its deliberations and discussions would first be submitted to the facilitator for review prior to their release.

The Subcommittee on the Center of Excellence reported on its February 16th meeting, which was described as productive and cooperative. The subcommittee sought from the full Committee an endorsement of the concept of the Center and approval of the following mission statement:

The Purpose of the Center of Excellence is to develop innovative technologies for the handling and treatment of contaminated marine sediments in New Bedford Harbor; to make certain that the first priority of all technologies in development is to protect the safety of the public; to provide educational and public information programs; and to promote sustainable economic development and restoration of natural resources.

In a unique departure from practice and at the request of New Bedford Councilman George Rogers, the Committee put the question of its endorsement of the Center of Excellence and the proposed mission statement to a vote. The Committee voted unanimously to endorse the Center and its proposed mission statement.

The minutes of the February 16th meeting of the Subcommittee on the Center of Excellence are attached.

EPA then provided the Committee with an overview of the nine criteria it applies in evaluating alternative technologies for use in Superfund sites. The agency also offered a draft version of a scorecard that the Committee might use in its upcoming assessment of technologies, together with a suggested list of questions related to the key balancing criteria, including short-term effectiveness (safety), reduction of toxicity, mobility, and volume through treatment, long-term effectiveness and permanence, implementability and cost. The questions were not intended to preclude any other questions members of the Committee thought relevant, but were offered as guidelines.

The Committee directed the facilitator to provide scheduled alternative technology vendors/presenters with a copy of the criteria scorecard and questions.

EPA then made a presentation to the Committee on the process it used in the selection of incineration as the remedial technology of choice for the New Bedford Harbor hot spots, and on the incineration technology, contractor and equipment it had selected to use.

The citizens' groups responded with their presentation on incineration, which emphasized the potential danger to the health and safety of the surrounding community posed by incineration.

The respective presentations were followed by a brief question and answer period, at the conclusion of which, the Committee agreed to begin on March 9 its search for acceptable alternative remediation technologies.

The meeting adjourned at 10:02 p.m.

The following is a schedule of broadcast dates of the videotapes of this and future meetings on the New Bedford cable television station (Channel 13):

<u>Meeting date</u>	<u>Broadcast date & time</u>
March 1, 1994	March 7, at 9:00 a.m.
March 9, 1994	March 10, at 2:00 p.m.
March 30, 1994	April 1, at 10:00 a.m.
April 6, 1994	April 8, at 10:00 a.m.
April 13, 1994	April 18, at 9:00 a.m.

**: NEXT MEETING OF THE NEW BEDFORD HARBOR SUPERFUND SITE COMMITTEE :
 : WILL BE ON WEDNESDAY, MARCH 9, 1994, AT 6:00 P.M. AT THE GREATER:
 : NEW BEDFORD VOCATIONAL HIGH SCHOOL :**

Subcommittee on the Center of Excellence
Minutes of February 16, 1994 Meeting

The Subcommittee on the Center of Excellence met on February 16, 1994 at Stone Hill College. In attendance were Barbara Brown (EPA), Frank Ciavattieri (EPA), Bruce and Diane Cobbold (Downwind), Ellie Grillo (DEP), David Hammond (HAR), Michael Keating (Chair), Claudia Kirk (Concerned Parents), Harley Laing (EPA), Andrea Papadopoulos (DEP), Representative Bill Strauss, Helen Waldorf (DEP), Jane Wells (ODR) and Elizabeth Wright (Mayor's Office). Fred Kaylisz and George Rogers were unable to attend because of a conflicting City Council meeting.

The Subcommittee focused first on defining a purpose for the Center of Excellence. After extensive discussion, members agreed on the following tentative version of a mission statement:

The Purpose of the Center of Excellence is to develop innovative technologies for the handling and treatment of contaminated marine sediments in New Bedford Harbor; to make certain that the first priority of all technologies in development is to protect the safety of the public; to provide educational and public information programs; and to promote sustainable economic development and restoration of natural resources.

Discussion of the organizational structure of the Center followed, with members agreeing that it ought to be a private, non-profit entity with a multi-disciplinary board of directors, a permanent advisory board, ad hoc review boards and a panel of scientists. Potential organizational models identified included MIT joint ventures, Wood's Hole, the Waterloo Center and the National Science Foundation's industry/academic centers.

The Subcommittee agreed that broad-based funding for the Center should be sought. The Center should focus on the development of effective means for the handling, monitoring and remediating of contaminated marine sediments in New Bedford Harbor to both dredge the harbor safely and develop effective means for dredging and treating contaminated marine sediments worldwide. It is anticipated that the Center's work and its impact on dealing effectively with dredge spoils will generate broad commercial and industrial support. Efforts should be made to include the local fishing and harbor development communities, as well as local government, in the development and support of the Center.

The Subcommittee unanimously stressed the paramount importance of public safety and the necessity for extensive community involvement in the development and control of the Center of Excellence.

Members of the Southeast Region of the Massachusetts Department of Environmental Protection shared with the Subcommittee a description of the department's effort to create a cooperative remediation approach to the clean-up of the Massachusetts Military Reservation on Cape Cod, as well as a national SITE (Superfund Innovation Technology Evaluation) program that

provides both a management and funding structure for experimentation with alternative technologies at Superfund sites. The Subcommittee felt that the latter program, applied to technologies identified by the overall Forum as most promising, might provide a valuable prototype for the Center of Excellence.

The Subcommittee agreed unanimously and enthusiastically that it was imperative to coordinate and conduct simultaneously remediation of the hot spots (Phase I of the New Bedford Harbor clean-up) and development of the Center of Excellence.

At the conclusion of the meeting, the Subcommittee agreed to undertake the following actions:

1. Obtain from the full forum a formal endorsement of and promise of commitment to the Center of Excellence
2. Obtain the endorsement of the full forum of the tentative mission statement for the Center developed by the Subcommittee
3. Continue to explore the suitability of the use of the national SITE program as a prototype of the Center of Excellence
4. Develop a strategy for obtaining broad public and political support for the Center of Excellence.

The Subcommittee scheduled its next meeting for Monday, March 7, 1994 at 6:30 p.m. at Stone Hill College in Easton, Massachusetts.

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION I
JOHN F. KENNEDY FEDERAL BUILDING
BOSTON, MASSACHUSETTS 02203

Region I
Office of External Programs (REA)
John F. Kennedy Federal Building
Boston, Massachusetts 02203

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