



S. RUSSELL SYLVA
Commissioner

The Commonwealth of Massachusetts

Executive Office of Environmental Affairs

Department of Environmental Quality Engineering

Division of Water Pollution Control

Technical Services Branch

Westview Building, Lyman School

Westborough, MA 01581

February 12, 1985

John Pearce, Ph.D.
National Marine Fisheries Service
NOAA Estuarine Program Office F/S x 4
2001 Wisconsin Ave. N.W.
Washington, DC 20460

Dear Mr. Pearce:

Please accept our apologies for not honoring sooner your request for a summary and attendance list of the December 7, 1984 meeting at Westborough, as the draft copy was misfiled and just recently recovered.

As you are probably aware, EPA Region I office has drafted a proposed work plan to be presented at the December 15, 1985 management committee meeting. We remain committed to the development of a coordinated study to address the research and pollutional problems facing Buzzards Bay. Our staff is currently preparing the sampling and analytical procedures to be used in updating the Buzzards Bay Water Quality Management Plan and the completion of a bibliography on Buzzards Bay.

If I or any of my staff can be of further assistance please do not hesitate to call.

Respectfully yours,

A handwritten signature in cursive script that reads "Russell A. Isaac".

Russell A. Isaac, Ph.D., P.E.
Assistant Chief Engineer

RAI/LWG:kt
Enclosures

cc: Ron Manfredonia
Michael S. Connor, EPA Region I
✓ Steve Bliven, CZM
Leigh Bridges, DMF
Paul Hogan
Deborah Quinn, DWPC, Office of Program Planning
Al Cooperman
Al Beck, U.S. EPA Narragansett Laboratory

On December 7, 1984 at 10:30 a.m. the Division of Water Pollution Control convened a meeting at its Technical Services Branch (TSB) Office in Westborough Massachusetts. The meeting was held to discuss the joint proposal filed by the TSB and the Division of Marine Fisheries (DMF) to initiate a program of water quality research, monitoring and assessment in Buzzards Bay which addressed the problems of sewage contamination, eutrophication and toxic pollutants in the Bay.

The first segment of the meeting included an introduction of the participants and discussions regarding the status of ongoing research, personnel changes, within the federal agencies, the roles of the EPA and the NMFS in funding estuarine research, and the relevance of studies being conducted in other urbanized estuaries across the country.

Some of the key points made were:

1. A wide range of studies funded through contracts and grants from NOAA/NMFS and others were being conducted in estuaries across the country.
2. Anticipated budget cuts in FY86 were likely to limit existing funding programs and place premium value on those proposals which:
 - a. Make the best use of existing data sources
 - b. Collect usable data
 - c. Coordinate research efforts

The NOAA/NMFS Program Office and the EPA Offices of Research and Development were identified as agencies which provided that type of service.

3. The need for developing a data retrieval system using the NODC format or possibly the one being employed by Metcalf and Eddy for New Bedford Harbor. This topic also brought out some of the problems of Buzzards Bay regarding data accessibility.
 - a. The traditional reluctance of researchers to release interim findings and interpretations during ongoing studies.
 - b. The limitations of the Metcalf and Eddy data base system to accept other forms and types of data other than PCB related.
 - c. The potential limitations to accessing pertinent data collected under the Superfund studies which are subject to the ongoing litigation proceedings.
 - d. The need to incorporate information collected from the 301(h) waiver application by New Bedford.

Mr. Donald Baste of the NMFS Marine Quality Program was identified as a knowledgeable contact regarding data retrieval systems.

The discussions brought out the necessities for developing and maintaining a up-to-date listing of all ongoing studies and the development of a coordinated approach of future studies.

The next item on the agenda was the presentation of the work proposals drafted by TSB and Coastal Zone Management (CZM). The TSB proposal presented a work plan of six (6) objectives. These objectives were developed to address the problems of sewage contamination, eutrophication, the effects of toxic organic pollutants on marine resources, and to implement the applicable form of abatement and remedial responses necessary to provide a positive improvement and protect the public health.

The CZM proposal stressed the need for developing projects which produced a product such as a resource atlas and the need to incorporate strong public participation components into the work plan, studies which would result in upgrading Title V (State Sanitary Code) and local bylaws, reviews of the criteria used for closing shellfish resources and analysis of storm drainage management.

Some of the key points raised were:

1. The funds were insufficient to conduct a work study of that level particularly with regards to the sediment sampling effort.
2. The need for that level of effort for sediment sampling given the current efforts underway by Battelle under their NUS Superfund Project.
3. Questions regarding the types of pollutant to be examined from the sediments.
4. Questions regarding the possibilities for duplication of effort with Battelle's Superfund study.
5. The lack of sampling and analytical protocols.
6. The need for assessment of information and data in addition to the compilation of a bibliography.
7. Why more attention was not directed to study of lobsters given the Division of Marine Fisheries findings that the bay is a major nursery for lobsters.

In addressing these points, TSB brought out several factors or influences. Due to time constraints both the work plan and bibliography are being developed concurrently, accordingly the work plan does not present specific strategies of studies but rather those areas in which information must be available to implement an effective abatement or remedial program. The proposal further was drawn with consideration for the legislative authorities and capabilities of the DWPC and DMF and as such may not reflect broader issues or concerns. With regards to the types of pollutants to be examined, it was TSB's position that it was important to establish with a reasonable degree of certainty of the extent of PCB, heavy metal contamination throughout the Bay. TSB also needs assurance that any other potential classes of toxic pollutants found elsewhere in urbanized estuaries are not also problems in Buzzards Bay.

TSB acknowledged that the proposal did not reflect a full consideration of the scope of work to be completed by Battelle, but indicated that representatives from TSB and the EPA Region I would be meeting with officials from Battelle and would be conducting studies which complimented any existing studies and avoided duplication.

The Division also concurred with the need for establishing sampling and analytical protocols in all proposed studies, to establish a procedure for assessing the quality of the existing data and to design studies which collect usable and verifiable data. In addressing the lack of effort to study lobsters, it was the Division's understanding that a number of important studies were already underway. It was the Division's position that it would be a more prudent expenditure of effort to examine other important constituents of the Buzzards Bay fauna such as eels, silversides (a major forage fish) and oysters. If complimentary studies on lobsters and flounders are determined to be feasible and applicable to this work plan they would be incorporated into the plan.

The following suggestions for correcting or improving upon the proposal were:

1. The holding of a symposium or work shop to bring people working in the Bay together and to solicit better ideas for targeting research efforts.
2. Development of a quality assurance program.
3. Development of a detailed work plan for the Buttermilk Bay case study.
4. Examining the pollution sources to better target the classes of contaminants to be examined.
5. Examining tissue residues vs. sediments as a better measure of toxic loadings into the Bay.

The following suggestions for correcting or improving upon the objectives were:

1. The holding of a symposium or work shop to bring together people working in the Bay and to solicit better ideas for targeting research efforts.
2. Development of a quality assurance program.
3. Development of a detailed work plan for the Buttermilk Bay case study.
4. Examining the pollution sources to better target the classes of contaminants to be examined.
5. Examining tissue residues and bioaccumulation as a better measure of toxic loadings.

The meeting concluded with the following schedules and time periods, the TSB would submit a revised version of its proposal to reflect the comments and suggestions made at the meeting and the pending discussions with Battelle Labs by December 21, 1984. Region I coordinator Michael Connor would prepare a draft work plan for review by January 7, 1985 and would solicit comments until January 15, 1985.

BUZZARDS BAY MEETING
December 7, 1984

<u>Name</u>	<u>Affiliation</u>	<u>Phone No.</u>
Eben Chesebrough	Mass. DEQE/DWPC	(617) 366-9181
Ron Manfredonia	EPA	(617) 223-5610
Dick Pastore	EPA	(617) 223-3932
Susan Hitch	EPA-OMEP	(202) 755-0356
Jack Pearce	NOAA Est. Programs Office	(202) 634-1595/1597
Deborah Quinn	DEQE - WPC	(617) 292-5707
Steve Bliven	Mass. CZM	(617) 727-9530
Al Cooperman	Mass. DEQE/DWPC	(617) 727-6983
Russ Isaac	Mass. DEQE/DWPC	(617) 727-0437
Leigh Bridges	Mass. DMF	(617) 727-3194
Al Beck	EPA ERL-Narragansett	(401) 789-1071
Lawrence Gil	Mass. DEQE/DWPC	(617) 993-0049
Mike Connor	EPA-Boston	(617) 223-3916
Paul Hogan	DWPC-TSB	(617) 366-9181
Bob Kerrigan	DWPC-TSB	(617) 366-9181



S. RUSSELL SYLVA
Commissioner

The Commonwealth of Massachusetts
Executive Office of Environmental Affairs
Department of Environmental Quality Engineering
Division of Water Pollution Control
Technical Services Branch
Westview Building, Lyman School
Westborough, MA 01581

February 12, 1985

Ms. Susan Hitch WH556
U.S. Environmental Protection Agency
Office of Marine & Estuarine Protection
401 M. St., S.W.
Washington, DC 20460

Dear Ms. Hitch:

Please accept our apologies for not honoring sooner your request for a summary and attendance list of the December 7, 1984 meeting at Westborough, as the draft copy was misfiled and just recently recovered.

As you are probably aware, EPA Region I office has drafted a proposed work plan to be presented at the December 15, 1985 management committee meeting. We remain committed to the development of a coordinated study to address the research and pollutional problems facing Buzzards Bay. Our staff is currently preparing the sampling and analytical procedures to be used in updating the Buzzards Bay Water Quality Management Plan and the completion of a bibliography on Buzzards Bay.

If I or any of my staff can be of further assistance please do not hesitate to call.

Respectfully yours,

Russell A. Isaac

Russell A. Isaac, Ph.D., P.E.
Assistant Chief Engineer

RAI/LWG:kt
Enclosures

cc: Ron Manfredonia
Michael S. Connor, EPA Region I
Steve Bliven, C7M
Leigh Bridges, DMF
Paul Hogan
Deborah Quinn, DWPC, Office of Program Planning
Al Cooperman
Al Beck, U.S. EPA Narragansett Laboratory

BUZZARDS BAY MANAGEMENT COMMITTEE

ROOM 1903, JFK FEDERAL BUILDING, GOVERNMENT CENTER, BOSTON

FEBRUARY 15, 1985 9:30 P.M.

AGENDA

I. Introductory Remarks

David Fierra, EPA, Chair

II. Introduction of Management Committee Membership

III. Discussion of Organizational Structure for Buzzards Bay Project

IV. Discussion of Draft Workplan

V. Future Management Committee Activities

Enclosures: Draft Project Workplan

Buzzards Bay

Attendees: Dave Fierra, EPA; Neil O'Leary, DEQE/MDWPC; Al Cooperman, DEQE/MDWPC; Russell Isaac, DEQE/MDWPC; Richard Delaney, CZM; Steve Bliven, CZM; Ted Pratt, Marion and CAC convenor; Judith Capuzzo, WHOI; Jack Pearce, NOAA; Ron Manfredonia, EPA; Mike Connor, EPA; Leigh Bridges, DMF

Comments on Work Plan

Pratt - Need to emphasize moving any findings to implementation Major concern about our political strategy in implementing the study. Supports organizing trips around the Bay for politicians to impress upon them concerns about Bay's health.

Important to keep a sense of local celebration

Potential outlet for results in existing newslitters including Massachusetts Marine Education, MA Association of Conservation Commissions, Association of Planning Boards, Association of Boards of Health, MIT Sea Grant, CZM's Coastlines and Newslines, DEQE's newsletter, Lloyd Environmental Center's Newsletter. Include Rochester on CAC.

Capuzzo- TAC enthusiastically received idea behind work plan.

Strongly supports coordination of activities between academic institutions, governmental agencies and Superfund work by Battele.

Bliven - Endorses coordinated efforts which brought work plan. Continue to develop ways to maximize coordination.

Delaney - CZM supports focus of study on land use practices and shellfish closures.

Fierra - Agrees on importance of coordination with other ongoing EPA and DEQE programs. Cape Cod groundwater strategy also fits in.

Pearce - Important that some monies go to living resources. Pathogens and exotic organic contamination are major issues to also surface in NOAA evaluation of estuaries.
- Through contacts with Congress, message has been: "Don't build more bureaucracies. Be prepared for funding cuts."

Isaac - Would like to see better coordination with Superfund and better integration of existing data.

O'Leary- Suggests that state agencies submit proposals detailing work they can undertake to fit in with work plan.

Action - Meeting of TAC before March 15 (March 13, 9:00AM at SMU) to evaluate specifics of work plan and determine appropriate contractors.

Make-Up of Management Committees

Bliven - Should regional planning agencies be members of management committee?

Action - Unanimously agreed to invite Cape Cod Planning and Economic Development and Southeastern Regional Planning and Economic Development to serve on management committee.

Bridges - DMF should also have a representative on TAC. Agreed Next meeting - March 22, 10:00 AM at EOECA Conference Room.

Buzzards Bay Management Committee Meeting

Time: 10:00 - 1:00

March 22, 1985

Friday

Location: Leverett Saltonstall Bldg., EOE Conference Room
100 Cambridge Street, Boston, MA

20th Floor

1. Minutes of previous meeting
2. Report from Citizens Advisory Committee
3. Report from Technical Advisory Committee
4. Procedure and timetable for proposal review and awards

Attendance List for 22 March 1985 meeting of the Buzzards Bay Management Committee

David Fierra, Chairman
Judith Capuzzo

US EPA
Chairman, Technical Advisory Committee
Woods Hole Oceanographic Institution

Ted Pratt

Chairman, Local Advisory Committee
Selectman, Town of Marion

Steve Bliven
Leigh Bridges

Massachusetts Coastal Zone Management
Massachusetts Division of Marine Fisheries

Neil O'Leary
Steven Reckhow

DEQE/ Division of Water Pollution Control
SRPEDD

Russell Isaac
Larry Gil
Mike Connor
Wendy Wiltse

DEQE/Div. Water Pollution Control
DEQE/Div Water Pollution Control/Tech Services Branch
US EPA
US EPA

Not Present: Representatives of NOAA, Cape Cod Planning and Economic Development Commission

LOCAL ADVISORY COMMITTEE REPORT 3/22/85

I. Activities to date

A) Mailed letters to elected and appointed officials in Westport, Dartmouth, New Bedford, Acushnet, Fairhaven, Mattapoisett, Marion, Rochester, Wareham, Bourne, Falmouth, and Gosnold, as well as a wide range of individuals and organisations, informing them of the Committee and its role in the study.

B) Chairman has met with officials from:

New Bedford
Mattapoisett
Bourne
Falmouth
Marion
Association for the Preservation of
Cape Cod

C) Chairman has spoken by phone with:

Senator William MacLean
Senator Paul Doane
Representative John Bradford
Representative Tom Cahire
Jeff Pike - Congressman Studd's Office
Julia Enroth - Dartmouth Executive Secretary
Steve Collins - ComElectric
Walter Quinn - Westport Fisherman's Association
Robert Sheehy - Wareham Harbormaster

D) Scheduled meetings:

Westport Fisherman's Association
Congressman Studds
Town of Wareham
Town of Westport

II) Report on general concerns expressed to date:

A) New Bedford

1. Waiver Process/relationship with Federal Agencies
2. Permit Process/Relationship with State Agencies
3. Legal Concerns re Outfall Closures
4. Criteria for Shellfish Closings/Waterfowl Pollution
5. Septage Treatment
6. River Discharges

B) Mattapoisett

1. Septic Systems/Groundwater Discharges/Title 5
2. Permit Process/Relationship with State Agencies
3. Criteria for Shellfish Closings/Waterfowl Pollution
4. Inventory of Coastal Discharges
5. River Discharges

C) Bourne

1. Septic Systems/Groundwater Discharges/Title 5
2. Permit Process/Relationship with State Agencies
3. Criteria for Shellfish Closure/Waterfowl Pollution
4. Sewer System Expansion

D) Falmouth

1. Septic System/Groundwater Discharges/Title 5
2. Permit Process/Relationship with State Agencies
3. Criteria for Shellfish Closures/Waterfowl Pollution
4. Dredging Spoil Disposal
5. Sewer System Expansion
6. Large Ship Discharge/Accident
7. Summer Home Conversion/Growth Limitation

E) Association for the Preservation of Cape Cod

1. Sewer System Outfalls/Run-off/Point Discharges
2. Permit Process/Local & State
3. Summer Home Conversions/Growth Limitation
4. Septic Systems/Groundwater Discharges/Title 5
5. Grandfather Clause - Upgrading
6. Use of Other Studies

III) Proposals for Immediate Action

A) The Local Advisory Committee be authorised to re-imburse municipalities for costs incurred in researching their archives and copying documents for Buzzard Bay Data Base up to \$500.

B) That work commence immediately to:

1. Assemble all Bylaws, State & Federal Legislation; Local, State, Federal & International(?) Regulations that apply to Buzzards Bay -- Inventory and Analyse
2. List all permits and permitting authorities with jurisdiction in Buzzards Bay
3. List selected Permit holders and describe activity

C) That a proposal to walk to shore and map all discharges/anomalies with descriptions using high resolution ariel photographs be developed.

1. A team be trained to work with local officials
2. Normal & Infrared photos be taken

D) That a hydrological mapping & flow analysis be added to the proposed surveys.

IV) Future Activities

- A) Meet with remaining municipalities before next Management Committee meeting.
- B) Set up meetings with local and regional organisations - April & May.
- C) Set regional Public Meetings - July & August
- D) Organise outing on the Bay - August

Priority Research for Buzzards Bay

Historical Data Review and Data Management

- Compile information on all work that is currently being done on Buzzards Bay
- Compile existing data on toxic substances in organisms and sediments for entire bay
- Compile existing records on stocks and landings of fish and shellfish
- Develop a data management system for collection and storage of information

Shellfish Contamination in Embayments

- Compile past water quality and shellfish data for Buttermilk Bay. If necessary, characterize coliform levels throughout Buzzards Bay to determine the extent of the problem.
- Characterize the sources of coliform contamination in Buttermilk Bay.
- Evaluate the possibility of seasonal (summer) shellfish closure in Buttermilk Bay
- Examine the relationship between concentrations of suspended sediments and coliform counts to allow prediction of coliform transport and persistence.
- Cooperate with FDA-EPA-NOAA research methods to evaluate other microbes as indicator organisms in order to assess public health risks associated with shellfish and beach closures.
- Evaluation of Title V regulations for cape soils--review literature, collect new data required, recommend revisions and implementation.

Toxic Substances

- Additional information on toxic body burdens of commercial finfish and shellfish in Buzzards Bay. Relate body burdens to the new PCB standard for fisheries to determine the extent of closure areas.

Public Education/Local Implementation

- Workshops for decision makers and the public
- Conference to determine long range management goals and plans
- Inventory of regulations & laws that apply to Buzzards Bay

Attendance List for 22 March 1985 meeting of the Buzzards Bay Management
Committee

David Fierra, Chairman	US EPA
Judith Capuzzo	Chairman, Technical Advisory Committee
	Woods Hole Oceanographic Institution
Ted Pratt	Chairman, Local Advisory Committee
	Selectman, Town of Marion
Steve Bliven	Massachusetts Coastal Zone Management
Leigh Bridges	Massachusetts Division of Marine Fisheries
Neil O'Leary	DEQE/ Division of Water Pollution Control
Steven Reckhow	SRPEDD
Russell Isaac	DEQE/Div. Water Pollution Control
Larry Gil	DEQE/Div Water Pollution Control/Tech Services Branch
Mike Connor	US EPA
Wendy Wiltse	US EPA

Not Present: Representatives of NOAA, Cape Cod Planning and Economic Development
Commission

Buzzards Bay Management Committee Meeting

Time: 10:00 - 1:00

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Location: Leverett Saltonstall Bldg., EOEa Conference Room
100 Cambridge Street, Boston, MA

20th Floor

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION I

J. F. KENNEDY FEDERAL BUILDING, BOSTON, MASSACHUSETTS 02203

May 17, 1985

Honorable Michael Dukakis
Governor of Massachusetts
State Capitol
Boston, Massachusetts 02133

FILE # 042160
NAME Deland

MAY 23 1985

LOG CBB LET
SENT

Dear Governor Dukakis:

The U.S. Environmental Protection Agency (EPA) Fiscal Year 1985 Appropriation contains four (4) million dollars for water quality research, monitoring, and assessment in Buzzards Bay, Narragansett Bay, Long Island Sound, and Puget Sound. This appropriation represents a unique opportunity to monitor and assess these estuaries and subsequently develop strategies to protect their water quality, marine environment, and associated public and commercial uses.

EPA Region I, in collaboration with other Federal and state agencies, has developed a workplan for a study of Buzzards Bay. The Massachusetts Office of Coastal Zone Management, Department of Environmental Quality Engineering, and Division of Marine Fisheries have provided strong support in developing this work plan. The study is focused on two major water quality issues which could threaten current and future uses of Buzzards Bay: toxic substances and coliform contamination.

A management structure for the study consists of four committees, with a Policy Committee having overall responsibility. This committee will meet at key points in the study and would be comprised of myself and a representative of Massachusetts to be formally designated by you. The other three committees which will advise the Policy Committee are a Management Committee, a Technical Advisory Committee, and a Citizens Advisory Committee.

Secretary Hoyte has been very helpful in acting on behalf of Massachusetts in affairs at the Policy Committee level. I request that you formally designate a representative to the Policy Committee who will continue the participation of Massachusetts and officially represent the state.

Your interest and support for this initiative is greatly appreciated.

Sincerely,

Michael R. Deland
Regional Administrator

There is increasing nationwide competition for the next round funding for "Bay Studies." We a brief note about the Buzzards Bay Study's role in solidifying its position for future funding.

and administrative review of the PSD program. An information notice of this partial delegation of the PSD program was published in the *Federal Register* on February 17, 1982. On April 26, 1982, the OSDH was delegated the additional authority for performing PSD inspections and reviewing PSD compliance reports for sources located in the State of Oklahoma. On August 25, 1983, EPA approved the Oklahoma PSD regulations as part of the State Implementation Plan (SIP), thus granting the State permit approval authority for future new sources and major modifications, and enforcement authority over those source permits. The partial delegation, however, remains in effect for EPA issued permits. Modifications to existing EPA issued permits, as well as the authority for taking enforcement actions against violations of these permits, remains EPA's responsibility.

In accordance with 40 CFR 52.21, EPA Region 6 delegated the additional authority to the State of Oklahoma to approve requests for extension of the expiration date of EPA issued permits on March 29, 1985.

With this action, the State of Oklahoma will have full delegated authority for approval of time extensions of EPA issued PSD permits in Oklahoma. The partial delegation, as approved on July 16, 1981, and as modified on April 26, 1982, remains in effect for the modification to and enforcement of existing EPA issued PSD permits.

Effective immediately, all of the information related to PSD extension requests for sources located in the State of Oklahoma should be submitted to the State agency at the following address: Oklahoma State Department of Health, Northeast Tenth and Stonewall, Oklahoma City, Oklahoma 73152.

(Sections 101 and 301 of the Clean Air Act, as amended (42 U.S.C. 7401 and 7601))

Dated: April 25, 1985.

Frances E. Phillips,
Acting Regional Administrator.

[FR Doc. 85-11256 Filed 5-8-85; 8:45 am]

BILLING CODE 6560-50-M

[OPTS-51562; FRL-2833-5]

Certain Chemicals Premanufacture Notices; Correction

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice.

SUMMARY: This notice corrects the PMN chemical name on a premanufacture notice (PMN) published in the *Federal*

Register on March 15, 1985 (50 FR 10536).

FOR FURTHER INFORMATION CONTACT:

Wendy Cleland-Hamnett,
Premanufacture Notice Management
Branch, Chemical Control Division (TS-794), Office of Toxic Substances,
Environmental Protection Agency, Room
E-611, 401 M Street SW., Washington,
DC 20460 (202-382-3725).

SUPPLEMENTARY INFORMATION: In the *Federal Register* of March 15, 1985 (50 FR 10536), EPA issued a notice of receipt of a PMN

In FR Doc. 85-6088 appearing at page 10537, first column under "PMN 85-544", the chemical, "(S) 2-Butenedioic acid (Z)-mono[2[(1-oxo-2-propenyl)oxy]ethyl]-ester" is corrected to read "(S) 2-Propenoic acid, 2-methyl-, 7,7,9-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diaza hexadecane-1,16-diylester."

Dated: May 3, 1985.

James A. Combs,
*Acting Director, Information Management
Division.*

[FR Doc. 85-11260 Filed 5-8-85; 8:45 am]

BILLING CODE 6560-50-M

[OW-1-FRL-2833-1]

Financial Assistance Program Eligible for Review Under 40 CFR 29 and Subject to Section 204 of the Demonstration Cities and Metropolitan Development Act

AGENCY: Environmental Protection Agency.

ACTION: Notice of availability and review.

SUMMARY: The Environmental Protection Agency (EPA) is announcing the availability of a new financial assistance program (66.456, "Comprehensive Estuarine Management—Pollution Control and Abatement") to support the development of projects for the comprehensive estuarine management program to improve environmental conditions in selected estuaries. Funds are available during FY 1985 for studies and projects in Long Island Sound, Buzzards Bay, Narragansett Bay and Puget Sound.

DATE: All complete applications must be received in EPA Headquarters no later than July 15, 1985, to be considered for FY85 funding awards.

FOR FURTHER INFORMATION CONTACT:

Narragansett Bay, Buzzards Bay and Long Island Sound

Director, Water Management Division, U.S.
EPA Region I, John F. Kennedy Building,

Boston, Massachusetts 02203, (617) 223-3478

Puget Sound

Director, Water Management Division, U.S.
EPA Region X, 1200 Sixth Avenue, Seattle,
Washington 98101, (206) 399-1237.

SUPPLEMENTARY INFORMATION:

Under the authority of the Clean Water Act (CWA), section 104(b)(3), EPA will award grants and cooperative agreements to State Water Pollution Control agencies, interstate agencies, other public or nonprofit organizations, institutions, and individuals.

This program is eligible for intergovernmental review under Executive Order 12372 and is subject to the review requirements of Section 204 of the Demonstration Cities and Metropolitan Development Act. States located in the geographical areas of the estuaries under study and eligible for these awards must notify the following office in writing within thirty days of this publication whether their State's official E.O. 12372 process will review applications in this program: Grants Policy and Procedures Branch, Grants Administration Division (PM-216), U.S. Environmental Protection Agency, 401 M Street S.W., Washington, D.C. 20460.

Applicants must contact their State's Single Point of Contact (SPOC) for intergovernmental review as early as possible to find out if the program is subject to the State's official E.O. 12372 review process and what material must be submitted to the SPOC for review. In addition, applications for projects within a metropolitan area must be sent to the areawide/Regional/local planning agency designated to perform metropolitan or regional planning for the area for their review.

SPOCs and other reviewers should send their comments on an application to the Grants Operations Branch, Grants Administration Division (PM-216), U.S. Environmental Protection Agency, 401 M Street SW., Washington, D.C. 20460, no later than sixty days after receipt of the application/other required material for review.

The comprehensive estuarine management program is implemented through EPA Regional Offices under the guidance of the Office of Marine and Estuarine Protection in EPA Headquarters. Main program objectives for each estuary under study are to (1) evaluate available information on the estuary to define the nature and extent of existing and developing environmental quality problems, (2) identify deficiencies in the available information to develop a remedial program and to support management

decisions, (3) develop and implement action plans to deal with the estuary's priority environmental problems, (4) establish long-term management policies to ensure protection of public health and natural resources, and (5) facilitate program coordination among involved state and local agencies, and public interest groups.

Each estuary program is required to establish its own organizational management structure and also develop a comprehensive management plan. Both will be designed to involve all parties essential to the process of improving the estuary's environmental quality. The essential parties will be identified and organized into a functional management committee and technical, scientific, and public participation working groups that must agree on the priority problems facing the estuary and develop a plan of action to address those problems.

Each action plan will include projects and tasks necessary to (1) gather existing data from numerous sources where previous research has been conducted in the estuary, (2) conduct research to acquire new and additional data as needed to address the priority problems, and (3) develop mechanisms to increase the public's understanding of the complexities involved and bring public input to the management decisions. Wherever appropriate, financial assistance in the form of grants and cooperative agreements will be available to provide the means to carry out the planned activities. Proposals are being solicited to address management questions, research needs, and implementation of planned actions. The proposals will be reviewed by the respective estuary management committee, working groups and EPA Regional Office, and approved and awarded by EPA Headquarters.

Dated: May 1, 1985

Henry Longert,
Acting Assistant Administrator for Water.
[FR Doc. 85-11251 Filed 5-8-85; 8:45 am]
BILLING CODE 6560-50-M

FEDERAL MARITIME COMMISSION

Agreement(s) Filed

The Federal Maritime Commission hereby gives notice of the filing of the following agreement(s) pursuant to section 5 of the Shipping Act of 1984.

Interested parties may inspect and obtain a copy of each agreement at the Washington, D.C. Office of the Federal Maritime Commission, 1100 L Street, N.W., Room 10325. Interested parties may submit comments on each agreement to the Secretary, Federal

Maritime Commission, Washington, D.C. 20573, within 10 days after the date of the Federal Register in which this notice appears. The requirements for comments are found in § 572.603 of Title 46 of the Code of Federal Regulations. Interested persons should consult this section before communicating with the Commission regarding a pending agreement.

Agreement No.: 224-003981-003.
Title: Galveston Terminal Agreement.
Parties:

The Board of Trustees of the
Galveston Wharves (GW)
James J. Flanagan Shipping
Corporation (JJFSC)
Galport Terminal, Inc. (Galport)

Synopsis: Agreement No. 224-003981-003 amends Agreement No. 224-003981-002 by modifying Paragraph III thereof, to defer payments of fees by JJFSC to GW, provided by the agreement, from April 1, 1985 to July 1, 1985. This amendment will add JJFSC to the agreement.

Agreement No.: 202-010414-005.
Title: PRC-USA Eastbound Rate Agreement.

Parties:
American President Lines, Ltd.
Lykes Bros. Steamship Co., Inc.
Sea-Land Service, Inc.
United States Lines, Inc.
Waterman Steamship Corporation
Synopsis: The proposed amendment would modify the agreement to clarify the parties' authority to publish more than one Agreement tariff, as permitted by applicable Commission regulations, and enter into participating connecting carrier arrangements with other carriers not party to the Agreement. The parties have requested a waiver of the format requirements of the Commission's regulations and a shortened review period.

Agreement No.: 202-010485-004.
Title: United States Atlantic & Gulf Ports/Italy, France and Spain Freight Conference.

Parties:
Compania Trasatlantica Espanola, S.A.
Costa Line
Farrell Lines, Inc.
"Italia" Societa per Azioni di Navigazione
Sea-Land Service, Inc.

Synopsis: The proposed amendment would divide the conference into sections. Qualifying members serving each section would be authorized to establish rates pertaining to cargo moving within the geographic scope of that section. The amendment would create an Atlantic Section and a Gulf Section. A General Section composed of all voting members would govern rates

for cargo originating at U.S. Pacific Coastal points or U.S. inland points. A Special Northern Spain Section would govern rates on certain commodities moving to Northern Spanish destinations.

By Order of the Federal Maritime Commission.

Dated: May 6, 1985.

Bruce A. Dombrowski,
Acting Secretary.
[FR Doc. 85-11238 Filed 5-8-85; 8:45 am]
BILLING CODE 6730-01-M

[Docket No. 85-14]

Carl-Cargo International, Inc. and Jorge Villena; Order of Investigation and Hearing

Cari-Cargo International, Inc. (Cari-Cargo) is a non-vessel operating common carrier with a tariff on file with the Federal Maritime Commission. Cari-Cargo was incorporated on April 17, 1984, and Jorge Villena apparently is its only officer and employee.

Cari-Cargo's tariff was first issued on September 23, 1982 in the name of Cari-Cargo Consolidators, Inc. and became effective on October 23, 1982. Cari-Cargo Consolidators, Inc. was dissolved on November 10, 1983. On March 16, 1983, its tariff was revised to indicate the name of Cari-Cargo.

Since November 10, 1983, Jorge Villena has been conducting business as an NVOCC in the names of Cari-Cargo Consolidators, Inc. and Cari-Cargo. It appears that neither Mr. Villena nor Cari-Cargo have been conducting business in accordance with Cari-Cargo's tariff or any other tariff on file with the Commission.

Section 18(b)(1) of the Shipping Act, 1916 (46 U.S.C. app. 817), and section 8(a)(1) of the Shipping Act of 1984 (46 U.S.C. app. 1707), require common carriers to maintain tariffs with the Commission showing all their rates, charges, classifications rules, and practices. Section 18(B)(3) of the Shipping Act, 1916 (46 U.S.C. app. 817), and section 10(b)(1) of the Shipping Act of 1984 (46 U.S.C. app. 1709), require common carriers to adhere to their published tariffs.

Therefore, it is ordered, That pursuant to section 22 of the Shipping Act, 1916 (46 U.S.C. app. 815), and section 11 of the Shipping Act of 1984 (46 U.S.C. app. 1710), a formal investigation and hearing is hereby instituted to determine:

1. Whether Jorge Villena and/or Cari-Cargo International, Inc. violated section 18(b)(1) of the Shipping Act, 1916, and section 8(a)(1) of the Shipping

E.P.A. BUZZARDS BAY PROJECT

MANAGEMENT COMMITTEE MEETING

May 28, 1985 1:30 P.M.

J.F. Kennedy Federal Building, Boston, MA
Room 307

Tentative Agenda

1. Recommendations from subcommittee on funding of proposals
(see enclosed list of proposals submitted).
2. Approval of proposals for funding.
3. Coordination of state efforts.

Listing of Formal Proposals to E.P.A. Buzzards Bay Study
May 15, 1985

1. Data Management

Total \$134,760

- A. Alber--Boston University
Shellfish resource assessment
\$5,000
- B. Brown--Battelle
Compilation and summary of historical data
\$46,324-75,000
- C. Hankin--Lloyd Center
 - ° Library of Buzzards Bay resources
\$14,950
 - ° Development of baseline maps
\$26,130
- D. Moss and Hoff--Southeastern Massachusetts University
Finfish resource assessment
\$13,680

2. Coliform Contamination

Total \$108,617

- A. Heufelder--Barnstable Co. Health Dept.
Bacteriological study in Buttermilk Bay
\$32,280
- B. Valiela and FitzGerald--Boston University
Sources, distribution, and significance of coliforms in
Buttermilk Bay: a model study
\$76,337

3. Toxic contamination

Total \$186,000

- A. McGrath--Battelle
Determination of edible tissue/whole body PCB ratios
\$11,400-41,000
- B. D.M.F.
 - ° PCB monitoring in lobster, shellfish, and winter flounder
\$22,000
 - ° Incidence of external diseases and abnormalities in
finfish and lobster
\$13,000
- C. D.E.Q.E./D.W.P.C.
Coliform contamination and toxic contamination studies
\$110,000

4. Public participation

Total \$20,540

- A. Hankin--Lloyd Center
Workshop series for public participation and newsletter
\$20,540

5. Long term goals

Total \$37,501

- A. Sears--S.M.U.
Long term study and management plan
\$18,766
- B. Valiela--Boston University
Current knowledge on Buzzards Bay: workshops, data
analysis, and synthesis
\$18,735

6. Miscellaneous

Total \$94,640

- A. Byrnes
Study of Title 5 regulations
\$21,000
- B. Cycon
Assessing the regulatory response to the introduction of
pollutants
\$39,420
- C. Werme--Battelle
Quality assurance program
\$34,220

Minutes of Buzzards Bay Management Committee Meeting

May 28, 1985

Participants: Dave Fierra, Ron Manfredonia, Wendy Wiltse / EPA; Russ Isaac, Larry Gil, Al Cooperman, Neil O'Leary - DEQE/DWPC; Judy Capuzzo-TAC; Rich Delaney, Steve Bliven - CZM; Leigh Bridges - DMF; Steve Reckhow - SRPEDD; Dean Cycon - CCPEDD; Ted Pratt - CAC.

1. Coordination: It was agreed to seek a full time Massachusetts coordinator for the Buzzards Bay Project. Rich Delaney recommended that this person be located in the EOE office. Secretary Hoyte will meet with the various commissioners to discuss the responsibilities and location of the coordinator. The Buzzards Bay budget plan specifies \$35,000 for coordinator's salary and benefits. It was stated that any additional salary required to attract a person who meets the qualifications in the description (distributed at meeting), would come from the amount now set aside for DEQE.

2. Citizens Advisory Committee: Ted Pratt reported that he has continued to meet with local officials and will have covered all towns by next month. Major concerns in the communities are urban runoff, septic system regulations, relationship with state agencies, and the loss of revenue sharing. Ted will be cooperating with the Lloyd Center for Environmental Studies to coordinate upcoming CAC activities. He plans to brief elected officials in the state, have a publicity/political event on the Bay, and a series of meetings around the Bay to mobilize public support.

3. Technical Advisory Committee: Judy Capuzzo announced that the TAC will meet on June 19 to discuss projects approved for funding and to comment on a draft long term strategy for Buzzards Bay. She reported that WHOI Sea Grant, Boston Univ., Southeastern Mass. Univ. (SMU), and EPA co-sponsored a May 10 workshop on shellfish closure issues related to management and research. The Ecosystems Center, Boston Univ. Marine Program (BUMP), and Coastal Research Center at WHOI have announced that they will co-sponsor a symposium on science and management of Buzzards Bay. SMU is hosting a workshop this summer on shellfish resources, focusing on aquaculture aspects. This workshop is part of the Governor's Center of Excellence Program.

4. Approval of Proposals: The Proposal Review Committee recommended funding of proposals by Barnstable County Health Dept, Battelle, Boston University, Lloyd Center for Environmental Studies, Southeastern Massachusetts University, Southeast Regional Planning and Economic Development Dist. (SRPEDD), MA Div. of Marine Fisheries (DMF) and DEQE (pending completion of DEQE proposal in mid-June). A brief description of each project is attached. The Management Committee approved the recommended proposals for further consideration. Grant applications will be sent to EPA Headquarters by the end of June. Total recommendations are \$399,901.

5. Long-term Strategy: Dave Fierra recommended that a long-term strategy and FY'86 workplan for Buzzards Bay be developed, approved, and sent to E. P. A. Headquarters by September 15, 1985. Competition is increasing for FY '86 "Bays" appropriations and it will be important to demonstrate progress, public interest, and a solid strategy for Buzzards Bay. Pratt, Bliven, Capuzzo, and Wiltse will meet to write a draft long-range plan by June 11. They will circulate this to the TAC, CAC, and State personnel for comments and present a revised strategy to the Management Committee by July 1. Wendy Wiltse will develop a plan and schedule for producing an approved FY '86 Workplan by Sept. 15, 1985.

Summary of Buzzards Bay Funding

June 4, 1985

Barnstable County Health Department	\$31,680*	Coliform contamination
Battelle	75,956	Resource assessment, PCB contamination
Boston University	78,585*	Resource assessment, Coliform contamination
Lloyd Center for Environmental Studies	45,000	Public participation, CAC activities, Mapping
M.D.M.F.	35,000	Toxic contamination
Southeastern Massachusetts Univ.	13,680	Resource assessment
S.R.P.E.D.D	10,000	Compilation of local regs
Pending (State of Massachusetts)		
D.E.Q.E.-D.W.P.C.	\$75,000	Toxic & coliform contamination
Coordinator	\$35,000	

Total = \$399,901*

* These figures differ slightly (<6%) from those used at May 28 meeting due to final budget modifications

Descriptions of Approved Proposals for Buzzards Bay

1. Data Management

- A. Alber-Boston University
Shellfish resource assessment \$5,000
 - Compile shellfish data on reported catch, permits, grants, relays and economic value
 - Assess existing shellfish resources in Buttermilk Bay
 - Estimate actual vs. reported catch for Buttermilk Bay
- B. Brown-Battelle
Compilation and summary of Buzzards Bay historical data \$46,324
 - Compile and evaluate literature and data sets on toxic substances in organisms and sediments, water quality and nutrients, lobster catches, and ongoing research
 - Serve as focal point for receipt of other data sets
 - Prepare a review document summarizing existing literature and data sets
- C. Hankin - Lloyd Center
Buzzards Bay mapping project \$10,000
 - Assess map needs and determine map scales
 - Develop base line map
- D. Moss and Hoff- Southeastern Massachusetts University
Finfish resources of Buzzards Bay \$13,679
 - Species list of finfish, relative abundance, and seasonal and spatial distribution

2. Coliform Contamination

- A. Heufelder - Barnstable Co. Health Dept.
Bacteriological Study in Buttermilk Bay \$ 31,680
 - Bacterial tests of septic leachate, groundwater, storm runoff, bay water, sediments, and shellfish in cooperation with B. U. sampling
 - Bacteriological study of storm events
 - Assessment of wildlife coliform contributions
 - Compilation of land use and septic system information
- B. Valiela, Fitzgerald, Caldwell, and Baldwin - Boston University
Sources, distribution and significance of coliforms and pollutants in Buttermilk Bay, MA: a model study \$78,585
 - Hydrology and assessment of ground water flow and recharge
 - Hydrography and circulation related to wind and tidal conditions
 - Loadings of nutrients and bacteria from septic systems, groundwater, wildlife, storm systems, and point sources (with cooperation of Barnstable County Health Department)

- Quantitative model of bacterial transfer mechanisms from pollution sources to shellfish
- Analytical scheme which will form the basis of investigation in other embayments

3. Toxic contamination

A. McGrath-Battelle

Determination of edible tissue/whole body PCB ratios for PCB contaminated winter flounder and lobster in New Bedford Harbor \$29,632

- Determine ratios for 3 size classes of winter flounder and lobster (Superfund will pay for ratios in edible sizes and incorporate into model)

B. MA. Division of Marine Fisheries \$35,000

- PCB monitoring in lobster, shellfish, and winter flounder
- Incidence of external diseases and abnormalities in finfish and lobster

4. Public Participation

A. Hankin - Lloyd Center

Public Education/Information Program \$35,000

- Workshop series for public participation
- Newsletter
- Annual report
- Citizens Advisory Committee Activities

5. Miscellaneous

S.R.P.E.D.D. *+ comparison*
 Compilation of local regulations \$10,000

Buzzards Bay Management Committee Meetings

July 17, 1985

AGENDA

1. Report from TAC
2. Report from CAC
3. Discussion and approval of long-term strategy
4. Plans for developing FY 86 Workplan

*FY 86 Workplan
by early Sept*

*Growth along north side
McConnell
land use
wetlands loss*

BUZZARDS BAY MANAGEMENT COMMITTEE MEETING

July 17, 1985 - 2:00 PM

Saltonstall Bldg, 100 Cambridge Street, Boston MA

EOEA Conference Room, 20th Floor

Tentative Agenda

1. Discussion and approval of long term management plan (Please read enclosed copy and bring your comments)
2. Plans for developing FY 86 Workplan
3. Updates from TAC and CAC

Management Committee Conference Attendance List

Name	Organization	Bay
1. Leigh Bridges	Mass. Dept. Fish. & Wildlife	Buzzards
2. Trudy Cox	Save the Bay	Narragansett
3. Alan Mytelka	Interstate Sanitation Commission	LIS
4. Jack Pearce	NOAA	LIS, Narragansett
5. Brian Knowles	Coastal Commission	Narragansett
6. Steve Bliven	Mass. CZM	Buzzards / Narragansett
7. Bruce Tripp	Mass. EOEA	Buzzards
8. Judith Cappuzzo	Woods Hole Oceanographic	Buzzards
9. Ted Pratt	Chairman CAC	Buzzards
10. Harriet Diamond	Mass CZM	Mass Bay
11. Erich Solomon	Thibault and Assoc.	Narragansett
12. Dennis Ledbetter	Armbrust Chain Co.	Narragansett
13. Bill Brungs	EPA/Narragansett	Narragansett
14. Lee Kossin	Brown	Narragansett
15. John Armstrong	EPA/Region 10	Pugent Sound
16. Lynn Pike	Narr. Bay Comm.	Narragansett
17. Barbara Welsh	Univer. Conn.	LIS
18. Larry Gil	Mass - DEQE	Buzzards
19. Al Cooperman	Mass - DEQE	Buzzards
20. Russ Issac	Mass - DEQE	Buzzards
21. Neil O'Leary	Mass - DEQE	Buzzards
22. Martin Garrell	Southhold Town Brookhaven Lab	LIS
23. Alan Beck	EPA/Narragansett	LIS
24. Jo Brecker	EPA/Region 2	LIS
25. David Fierra	EPA/Region 1	LIS, Narr, Buzz
26. Ron Manfredonia	EPA/Region 1	LIS, Narr, Buzz
27. Mike Connor	EPA/Region 1	Narr, Buzz
28. Wendy Wiltse	EPA/Region 1	Buzzards
29. Curt Spalding	EPA/Region 1	LIS, Buzz, Narr
30. Eva Hoffman	Narragansett Bay Project	Narragansett
31. Thomas Wright	RI DEM	Narragansett
32. Meg Goodwin	LIS Taskforce	LIS
33. Hal Stanford	NOAA	Narr, LIS
34. Tony Calabrese	NOAA	LIS
35. Steve Reckow	SRPEDD	Buzzards
36. Eric Smith	Conn Depart. of Fisheries	LIS
37. Alan Hankin	Lloyd Center	Buzzards
38. Chris Percy	Sounds Conservatory	LIS
39. Thomas DeMoss	EPA/HQ	All
40. Paul Stacy	Conn. DEP	LIS

AGENDA

One day only

NORTHEAST ESTUARIES MANAGEMENT COMMITTEE WORKSHOP

September 26

10:00 a.m. Welcome and Overview
David A. Fierra

10:30 a.m. Management Structure and
FY'85 Workplans
Bays Program Staff

1:00 p.m. CAC Activities in Three Estuaries: (Panel Discussion)
Ronald G. Manfredonia, Moderator

-2
Ted Pratt
Trudy Cox
Mickey Weiss and Marty Garrels

Overview of Activities
Deciding on your audience
Mechanism for reaching audience
How to ensure that membership is representative of estuary populace
How to get industries more involved
How to develop public support for project
How to use existing publications and mailing lists
Role of elected officials in CAC or Management Committees ?

2-3
3:00 p.m. TAC Activities in Three Estuaries: (Panel Discussion)
Ronald G. Manfredonia, Moderator

Judy Capuzzo
Bill Brungs
Barbara Welsh

Overview of Activities
Development of RFPs
Proposal Review Process
Defining research agendas to meet management goals
Evaluating Proposals from Federal and State Agencies

September 27

9:00 a.m. Travel Reimbursement Procedure

9:30 a.m. Role of Agencies

EPA
David Fierra, Tom De Moss

State and Interstate (Panel Discussion)
RI, NY, CT, MA Representatives, ISC

NOAA
Jack Pearce and NOAA Representatives

Discussion

Ronald G. Manfredonia, Moderator

Coordination of Bays Program with other programs within Agency
Coordination of Bays-related programs among agencies

11:00 a.m. Implementation

Policy Proposals in Narragansett - Erich Salomon

Discussion of NERBC study and why it was not implemented
Mickey Weiss, Bob Smith

1:00 p.m. Future Program Directions

Discussion: All participants; Ronald Manfredonia, Moderator

Future course of action
Program for FY 86
Multi-estuary Workplan items for FY 86
Initiating implementation

2:30 p.m. Summary of discussions



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION I

J. F. KENNEDY FEDERAL BUILDING, BOSTON, MASSACHUSETTS 02203

Dear Management Committee Member:

Many of you have expressed an interest in having an opportunity to discuss our mutual interests and recent experiences in developing our Bays Program. I strongly agree that the northeast bays studies would benefit by a joint discussion of past and future program directions. For that reason, we invite you to participate in a workshop September 26 and 27, 1985, at the University of Connecticut, Avery Point, Groton, Connecticut, with Management Committee members from the three northeast estuary studies to compare and contrast experiences and activities. Enclosed is a tentative agenda for the meeting. Please let us know of other topics you feel should be added to the agenda.

Your expenses for attending this workshop will be covered by EPA, Region I, within the same general guidelines and limitations regulating travel by Federal employees. For commuting costs to and from the workshop this generally entails: providing airline tickets, reimbursement for other forms of public transportation, and/or reimbursement for use of a privately owned automobile at the rate of 20.5 cents per mile. Lodging and subsistence expenses will be reimbursed up to \$75 per calendar day. Additional details will be forwarded to individuals expressing their interest in attending the workshop.

So that we can complete final arrangements for this workshop, I'll need your verbal RSVP by September 6, 1985. Also in order for EPA, Region I, to cover your expenses of attending the workshop, you must formally accept the invitation to attend. This can be accomplished by completing the enclosed acceptance forms. This signed acceptance must be received by September 13, 1985, to assure adequate time for staff at the EPA Regional Office to complete the necessary travel authorizations.

Please telephone your interest in attending to Michael Connor (617-223-1448) or Wendy Wiltse (617-223-1429) and mail your formal acceptance of this invitation to the following address:

Dr. Wendy Wiltse (WQE)
Environmental Protection Agency
Water Quality Branch
Environmental Evaluation Section
JFK Federal Building
Boston, MA 02203

I want to encourage you to attend the workshop and offer your comments and suggestions for developing a sound long-term bays program in northeast.

Sincerely yours,

David A. Fierra, Director
Water Management Division

Attachment

AGENDA

NORTHEAST ESTUARIES MANAGEMENT COMMITTEE WORKSHOP

September 26

- 10:00 a.m. Welcome and Overview
David Fierri
- 10:30 a.m. Management Structure and
FY'85 Workplans
Bays Program Staff
- 1:00 p.m. CAC Activities in Three Estuaries: (Panel Discussion)
Ted Pratt
Chris Powell
Mickey Weiss and Marty Garrels
- Overview of Activities

Deciding on your audience
Mechanism for reaching audience
Maintaining Interest
Program Recommendation
- 3:00 p.m. TAC Activities in Three Estuaries: (Panel Discussion)

Judy Capuzzo
Bill Brungs
Jerry Schubel and Barbara Welsh
- Overview of Activities
Development of RFPs
Proposal Review Process
Defining research agendas to meet management goals
Evaluating Proposals from Federal and State Agencies

September 27

- 9:00 a.m. Roles of Agencies

EPA
David Fierri
- State and Interstate (Panel Discussion)
RI, NY, CT, MA Representatives ISC
- NOAA
NOAA Representatives
- Discussion

Coordination of Bays Program with other programs within Agency
Coordination of Bays-related programs among agencies
- 1:00 p.m. Future Program Directions

Discussion: All Participants
- Summary of Panel Recommendations
Future course of action
Program for FY'86
Initiating Implementation

ACCEPTANCE

NAME

ORGANIZATION

NARRAGANSETT COMMITTEE APPLICATION

By placing a checkmark on the appropriate line below whether or not you will be able to attend the Northeast Estuaries Management Committee Workshop scheduled for September 26-27, 1985, at the University of Connecticut, Avery Point, Groton, Connecticut:

_____ I will attend and I request that EPA Region I cover my allowable travel expenses.

_____ I will attend but I do not request that EPA Region I cover my travel expenses.

_____ I will be unable to attend but would appreciate feedback from the meeting.

_____ I will be unable to attend.

SIGNATURE

DATE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: September 13, 1985

SUBJECT: Subject: Travel Information

FROM: Curt Spalding, Program Analyst *η/CS*
Northeast Bays Program

TO: All Management Committee Conference Participants

I have made reservations for all participants who indicated that they would be staying overnight on September 26, at the Days Inn in Mystic Connecticut. If you informed us that you were staying overnight, please call the Days Inn and confirm that you have a reservation.

If it was not clear in the letter from David Fierra, it is important that you are aware that it is government policy to reimburse rather than advance funds for travel. You will be asked to fill out a travel voucher at the conference to receive your reimbursement. Finally, only those participants who consume more than 10 hours a day traveling to and attending the Conference, will be eligible for travel reimbursement.

All EPA employees are routinely subject to the procedures described above. With your patience and help we will try to make this reimbursement process work as quickly possible. Thank you for your attention.

Buzzards Bay Management Committee Meeting

November 12, 1985 1:30 p.m.

Room 2308 J.F.K. Federal Building Boston

AGENDA

1. TAC Report
2. CAC Report
3. Discussion of Draft FY 1986 Workplan and budget
4. Proposal review process for FY 1986
5. Discussion of how we can involve elected officials in the management structure.

Tentative Budget Breakdown FY 1986

Buzzards Bay

A. FIXED COSTS

Coordinator	6mos (MA)	\$17,000
Data management & evaluation	(C)	50-75,000
General program support	(C)	20,000
Obj. 4 Public Participation	(RFP)	<u>50,000</u>

\$137-162,000

B. WORKPLAN TASKS

Highest Priority	Obj. 2 Shellfish closures	
	Buttermilk Bay sampling (BU)	30,000
	Buttermilk Bay Action Plan	<u>20,000</u>
		\$50,000

Obj. 1 Monitoring		
Water quality survey & trend stations	100-175,000	
Characterize embayments	(MA)	

Assess land use patterns	(RFP)	25,000
Process info from shellfish tagging		<u>10,000</u>

\$135-210,000

Obj. 3 Toxic Contamination

Cranberry bogs	50,000	
Research mini-grants	(RFP)	<u>40,000</u>
		\$90,000

Obj. 5 Management Analysis

Assess previous water quality studies	(RFP)	10,000
Assess existing management structure	(RFP)	10,000
Review financial asst. & incentives	(RFP)	10,000
Dvlp model regulations, technical review	(RFP)	<u>50,000</u>
		\$80,000

TOTAL = \$492-592,000

Buzzards Bay Environmental Master Plan
Outline of Contents

I. Status and Trends - water quality, resources, land use

- A. Baseline condition
- B. Trend assessment
- C. Future predictions
- D. Set environmental quality goals/objectives

II. Assessment of existing water quality authorities and objectives

- A. Evaluation of Regulatory structure
 - 1. Review existing organizations, statutes, and regulations
 - 2. Determine where additional enforcement, regulations or coordination needed
 - 3. Delineate procedures for resolving conflicts
- B. Evaluation of previous studies
 - 1. Review recommendations of previous studies
 - 2. Determine barriers to implementation of recommendations
 - 3. Develop plans to speed implementation

III. Priority issues

- A. Shellfish closures
 - 1. Identify and compare importance of coliform inputs
 - 2. Develop fate and transport models
 - 3. Develop microbial indicators that predict public health risk and establish monitoring
 - 4. Develop guidelines for evaluating coliform sources
 - 5. Develop remedial action and financial plans for clean-up
- B. Toxic contamination
 - 1. Determine extent of PCB and heavy metal contamination of fisheries
 - 2. Determine incidence of diseases in fisheries species
 - 3. Survey bay sediments for metal and organic contamination; determine sources of toxic loads; remedial action
- C. Nutrient, pesticide and herbicide inputs
 - 1. Determine loadings to bay from cranberry industry and other nonpoint sources
 - 2. Develop best management practices and educational programs
- D. Water quality criteria and local action plans
 - 1. Develop criteria for classifying coastal embayments related to resource use and water quality
 - 2. Prioritize coastal embayments
 - 3. Develop action plans for coastal embayment clean-up

- a. Determine source of problems
- b. Develop schedule and plans for clean-up

IV. Waste Load allocation

- A. Update waste load estimates from point sources
- B. Update waste load estimates from non-point sources
- C. Use existing models to assess effects of future trends and remedial actions on water quality

V. Basin-wide monitoring plan

- A. Define objectives and monitoring needs
- B. Review existing monitoring
- C. Coordinate existing monitoring and additional program needs
- D. Strategy for evaluating and responding to monitoring data collected

VI. Implementation strategy



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION I
BOSTON, MASSACHUSETTS 02203

Date: October 23, 1985

Subject: Buzzards Bay Management Committee Meeting November 12, 1985

From: Wendy Wiltse, Region I *W. Wiltse*

To: Management Committee

I have scheduled a meeting of the Buzzards Bay Management Committee for November 12, 1985 at 1:30 p.m. The meeting will be held in Room 2308 of the J.F. Kennedy Federal Building, Boston.

The main purpose of the meeting is to discuss and finalize the Fiscal Year 1986 Workplan. A draft Workplan is being reviewed by the CAC and TAC during October. Based on their comments, I will revise the Workplan and mail it to you before the November 12 meeting, along with a meeting agenda.

Plan to attend !

*Richard
Member of Exelby Board of Directors*

Buzzards Bay Management Committee Meeting

November 12, 1985

Participants: Dave Fierra, Wendy Wiltse, Curt Spalding-EPA; Steve Reckhow-SRPEDD; Judy Capuzzo-WHOI, TAC; Bruce Tripp-EOEA; Mereil Hardin-DEQE; Leigh Bridges-MDMF; Jack Pearce-NMFS/NOAA; Steve Bliven-CZM; Ted Pratt-CAC.

1. TAC report-The TAC met at SMU on October 22 to review the draft FY 1986 workplan. The role of the Buzzards Bay Project as an integrating force was discussed. Investigators were encouraged to seek Sea Grant, NSF etc. funding to tackle major research problems in Buzzards Bay. Next meeting December 13.

2. CAC report-The CAC met in Bourne on October 28 to review the FY 1986 workplan. The need for a steering committee to stimulate interest in the region and broaden Ted's perspective as chairman was discussed. Ted suggested that we develop a mechanism or get resources to support efforts of active groups in the area, such as the Barnstable County Shellfish Officers Association. He also mentioned the possibility of working with State reps to obtain State funds for water quality/resource work in Buzzards Bay. He requested that EPA and MA agencies develop specific project recommendations in 1 month. Judy Capuzzo suggested that these requests be related to the MDMF White Paper. The development of a shellfisheries master plan was discussed. The need for better press coverage was raised and it was suggested that we pursue getting a one-time newspaper supplement on Buzzards Bay.

3. Workplan - The draft FY 1986 Workplan was discussed and approved. One item added was to develop an inventory of technical resources and speakers and make it available to town conservation commissions, shellfish officers, planning and health boards, etc. The issue of habitat destruction due to erosion and sedimentation was raised. It is not addressed specifically in the Workplan, but we will organize a workshop on the topic in FY 86. A tentative budget was presented for \$500-600,000 (We expect \$400,000 with the possibility for additional funds) and discussed. Comments on the workplan, budget, and recommendations for budget cuts should be sent to Wendy Wiltse (EPA, WQE-2100, JFK Building, Boston, MA 02203).

4. Proposal review - Judy Capuzzo presented guidelines for proposal review in FY 1986. These guidelines are enclosed, but some changes were recommended: a) The Management Committee will set priorities by approving the workplan; other technical decisions will be made by TAC. b) Judy Capuzzo, Bruce Tripp, and Wendy Wiltse will write RFP's and distribute them before December. c) Deadlines as presented in Judy's outline will be moved earlier whenever possible. d) A representative of the CAC will serve on the Proposal Review Committee. e) Judy, Bruce, and Wendy will also develop guidelines for project plans developed by state and federal agencies.

5. Role of elected officials - It was agreed to send letters to state representatives and senators from Buzzards Bay inviting them to be on the CAC. Representative Henri Rauschenbach, who is drafting comprehensive estuarine management legislation, will be invited to be on the CAC steering committee. Curt Spalding is developing an information package for federal and state reps. They will also receive the Buzzard Bay newsletter and be briefed by our staff.

Guidelines for Proposal Review, FY1986 - EPA Buzzards Bay Program

Mid-December 1985 - Priorities for work plan established by Technical Advisory Committee and decisions made on how funds should be allocated among monitoring, data management, and research needs.

Early January 1986 - Requests for proposals sent to prospective participants. Separate RFPs should be prepared and separate review procedures should be implemented for monitoring, data management, and research programs. RFPs should be accompanied by copies of both the long-term management plan and the work plan for FY1986 in addition to a summary of funding priorities adopted by the TAC and the appropriate proposal preparation guide.

Late January 1986 - Pre-proposals (3-4 pages in length) should be submitted by 31 January 1986 and their receipt acknowledged immediately. Pre-proposals will be reviewed by a Proposal Review Committee comprised of two members of the TAC, two members of the Management Committee, Wendy Wiltse, and Bruce Tripp. If pre-proposals are not submitted by the deadline, they will not be reviewed. Decisions on pre-proposals will be made promptly and full length proposals requested and prepared according to EPA guidelines.

Mid-February 1986 - Review of pre-proposals completed, request for lengthy proposals sent. Those pre-proposals not selected should be notified by mail with reasons for denial.

Mid-March 1986 - Proposal Deadline, 15 March 1986. Peer review of all proposals including those for monitoring, data management, and research to be conducted during the next two weeks. All monitoring proposals may be reviewed by the same two or three individuals, same for data management proposals. Research proposals will be sent to appropriate persons but reviewers will be asked to comment on the importance of the proposed research to management goals.

Early April 1986 - Peer review completed, Proposal Review Committee meets to make final decisions, and acceptance letters sent by 15 April 1986. This allows ample time for paper work to be completed for a mid-summer 1986 start date. Those proposals not approved for funding should be notified in writing with reasons for denial.

Tentative Budget Breakdown FY 1986

Buzzards Bay

A. FIXED COSTS

Coordinator	6mos	(MA)	\$17,000
Data management & evaluation		(C)	50-75,000
General program support		(C)	20,000
Obj. 4 Public Participation		(RFP)	<u>50,000</u>
			\$137-162,000

B. WORKPLAN TASKS

Highest Priority	Obj. 2 Shellfish closures		
	Buttermilk Bay sampling (BU)		30,000
	Buttermilk Bay Action Plan		<u>20,000</u>
			\$50,000
	Obj. 1 Monitoring		
	Water quality survey & trend stations		100-175,000
	Characterize embayments	(MA)	
	Assess land use patterns	(RFP)	25,000
	Process info from shellfish tagging		<u>10,000</u>
			\$135-210,000
	Obj. 3 Toxic Contamination		
	Cranberry bogs		50,000
	Research mini-grants	(RFP)	<u>40,000</u>
			\$90,000
	Obj. 5 Management Analysis		
	Assess previous water quality studies	(RFP)	10,000
	Assess existing management structure	(RFP)	10,000
	Review financial asst. & incentives	(RFP)	10,000
	Dvlp model regulations, technical review		<u>50,000</u>
		(RFP)	\$80,000

TOTAL = \$492-592,000



THE BUZZARDS BAY PROJECT

US Environmental Protection Agency
WQP-2100
John F. Kennedy Federal Building
Boston, MA 02203

Massachusetts Executive Office of
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100 Cambridge Street
Boston, MA 02202

BBP Schedule of Events
Based on Designation Agreement
as revised by the Management Committee on 9/21/88

	TARGET	REVISED
<u>Purpose 1: Develop Spatial and Temporal Trends</u>		
Milestone 1: Prioritize data bases	10/88	
Milestone 5: Develop schedule for entry/ of priority data sets	10/88	
Milestone 6: Draft Synthesis Reports Due	11/88	12/88*
Milestone 7: Disseminate Final Synthesis Reports	2/89	3/89*
<u>Purpose 2: Identify Probable Causes of Environmental Problems</u>		
Milestone 5: same as Purpose 1, Milestone 6		
Milestone 6: same as Purpose 1, Milestone 7		
<u>Purpose 3: Develop Relationship Between Pollutant Sources and Impacts on Resources</u>		
Milestone 1: Goals-setting Initiative to determine Preferred Use	6/88	12/88**
Milestone 2: Use options matched with probable causes of environ- mental problems	6/88	12/88**
Milestone 3: List tasks and a schedule for defining transport & fate relationship between pollutant loads and effects on preferred uses developed in concert with synthesis reports	2/89	3/89*
Milestone 4: Report integrating synthesis reports	4/89	

	TARGET	REVISED
Milestone 5: Reports on Sources/Impacts		
a. Buttermilk Bay Summary	12/88	9/89**
b. Annual Report	8/89	12/89**

Purpose 4: Develop CCMP

Milestone 1: Develop CCMP Outline	1/89	
Milestone 2: Potential futures, corrective actions & costs defined	5/89	
Milestone 3: Priority Action Plans developed	12/89	
Milestone 4: Compliance Schedules for Priority Action Plans developed	12/89	
Milestone 5: CCMP finalized	3/90	

Purpose 5: Coordinate Plans for CCMP Implementation

Milestone 1: same as Purpose 4, Milestone 2		
Milestone 2: Identify regulatory/legis- lative inconsistencies & voids	9/88	6/89**
Milestone 3: Secure institutional and financial commitments and arrangements for Priority Action Plans/Compliance Schedules	12/89	
Milestone 4: Report on coordinated plans for CCMP implementation	12/89	

Purpose 6: Monitor Effectiveness of Actions

Milestone 1: Inventory existing monitoring programs	6/88	6/89**
Milestone 2: Draft monitoring plan	12/88	9/89**
Final monitoring plan	12/89	

	TARGET	REVISED
Milestone 3: Biennial Report on management actions effectiveness	3/92 and beyond	

Purpose 7: Review Federal Financial Assistance and Development Programs for Consistency

Milestone 1: Inventory relevant federal programs	9/88	6/89**
Milestone 2: Develop Consistency Report	9/88	10/89**
Milestone 3: Identify potential contributions from other federal Agencies to further purposes and objectives	9/88	10/89**
Milestone 4: Report on federal program inconsistencies and resolutions	9/88 & beyond	10/89** & beyond

* Contractual Deadline

** Delay in FY88 Funding

BBP



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION I
BOSTON, MASSACHUSETTS 02203

Date: November 4, 1985

Subject: Buzzard's Bay Management Committee Meeting, Room 2308, JFK Building
November 12, 1985 1:30p.m.

From: Wendy Wiltse, Region I

To: Management Committee

Enclosed is a draft FY 1986 workplan for you to review and discuss at our meeting on November 12. This version reflects the comments of the TAC, CAC, and EPA Offices of Marine and Estuarine Protection. I request that you read the workplan before the meeting and prepare comments on the specific tasks outlined for FY 86.

Buzzards Bay Management Committee Meeting

November 12, 1985 1:30 p.m.

Room 2308 J.F.K. Federal Building Boston

TENTATIVE AGENDA

1. TAC Report
2. CAC Report
3. Discussion of Draft FY 1986 Workplan
4. Allocation of funds and the proposal review for FY 1986
5. Discussion of how we can involve elected officials in the management structure.

Draft Fiscal Year 1986 Workplan for Buzzards Bay

The priority problems in Buzzards Bay, as described in the "Long Term Management Plan" fall into the general categories of decline in water quality from point and nonpoint sources, potential public health consequences of reduced water quality and contaminated fish and shellfish stocks, and concern about trends in fish and shellfish harvests. Specific objectives designed to address these problems are:

1. Develop a baseline monitoring program to assess long-term trends in water and sediment quality and in fisheries resources. A data management system will provide for storage and interpretation of data and provide access to the data base for decision makers.
2. Identify the relative importance of various inputs of coliforms to contaminated shellfish areas and develop a comprehensive management approach to the shellfish closure problem.
3. Determine the extent and sources of toxic contamination in the sediments and biota of Buzzards Bay.
4. Educate and involve the public in restoration and maintenance of resources by developing a series of workshops for state and local decision makers, interest groups, and the general public on subjects related to protecting water quality in Buzzards Bay.
5. Evaluate the existing management and regulatory structure for overseeing water quality and develop a holistic management scheme which is focussed on the bay as a region.

Meeting these objectives will assist decision makers concerned about the bay by providing answers to the following research and management questions. These questions are organized by objectives

1. MONITORING PROGRAM

1A. What are the long term trends in water and sediment quality in Buzzards Bay?

Through a grant to Battelle in FY'85 we are compiling and analyzing the historical water quality data for Buzzards Bay in order to assess our knowledge concerning the current status of water quality and loading rates to the bay and to identify data gaps for implementation of effective monitoring. The Massachusetts Division of Water Pollution Control is conducting a survey of water and sediment quality in Buzzards Bay as part of their efforts to update the Basin Plan. The northern portion of the bay is being sampled in 1985 and the southern portion in 1986.

A goal of the Buzzards Bay monitoring program, is to characterize individual embayments according to quality of water, sediments and resources. Embayments will be classified according to whether they are polluted from known sources, polluted from unknown sources, or unpolluted. Assessing and characterizing the embayments will provide an initial step toward the goal of measuring trends and will focus public interest and action on local water quality

Develop model for local plan
problems. This characterization project will be a multi-year effort beginning with case studies in selected problem areas. Local action plans will be developed for identifying the pollution sources, making clean-up recommendations, and implementing them.

FY 1986 Activities

- Review historical data and 1985 survey data and select sampling stations from the northern bay to be monitored. A water quality and sediment survey of the southern bay will be done. Determine sampling frequency and permanent monitoring stations for the entire bay. Enter data from water and sediment monitoring into Buzzards Bay data base.
- Review other similar water classification programs such as those in the Great Lakes and Puget Sound in order to establish criteria for evaluating water and resource quality of the embayments.
- Compile and evaluate existing data on the water, sediments, and fisheries resources from individual embayments.
- *link to white paper meeting* Initiate local public meetings to review the data, discuss classifications, and formulate action plans for individual embayments.
- Funding sources and financial incentives must be sought in order to implement local action plans. Emphasis will be placed on what the individual communities can do to protect water quality.

1B. What are the inputs of nutrients and toxic substances to Buzzards Bay?

Wastewater inputs to Buzzards Bay include those from identifiable point source inputs, such as discharges from sewage treatments plants, as well as non-point sources such as runoff from cranberry bogs, and agricultural lands, lawns, street runoff, and groundwater flow. These inputs increase both the nutrient loading and toxicant loading to the bay.

FY 1986 Activities

- *could well* Compile information on all point dischargers into the bay. Map their locations and estimate loadings. *how far upstream*
- Assess changes in land use patterns. Update information on the extent of agricultural land, cranberry bogs, homes, pavement, boats and marina facilities, etc. Compare with past records, estimate mass loadings to the bay, and predict future trends.
- Apply existing NOAA model of Buzzards Bay using updated data on loadings from point and nonpoint sources. Use model to assess effects of various remedial actions and future trends on water quality in the bay.

1C. What are the long term trends in fish and shellfish stocks and catches?

In order to adequately preserve and manage fishery resources, we need to understand the long-term fluctuations in natural resource populations in an effort to separate

effects of pollution and overharvesting from "normal" fluctuations. Our efforts for FY'85 are focused on the compilation and analysis of historical records of fish and shellfish stocks, available from DMF, universities, and local communities. (grants to Boston University, Southeastern Massachusetts University, and Battelle)

FY 1986 Activity

- Develop a reliable database to track trends in fish and shellfish resources over time. Develop a system for inputing and processing data from shellfish tagging program in order to assess status and trends in shellfish catches.

2. SHELLFISH CLOSURES

2A. What are the sources of coliforms that result in shellfish closures in Buzzards Bay?

In FY 1985 Boston University, Barnstable County Health and Environmental Dept., and MA Division of Water Pollution Control are cooperating in a case study of coliform inputs in Buttermilk Bay. Inputs of nutrients and/or associated bacterial populations from groundwater flow, septic leachate, storm runoff, wildlife, and agricultural sources (including cranberry bogs) are being identified and quantified. Circulation in Buttermilk Bay is being studied to determine transport mechanisms of bacteria from pollution sources to shellfish beds. Additional efforts are being directed at identifying techniques that can be used to supplement or replace the coliform standard as a measure of human health risk.

FY 1986 Activities

- Supplement ongoing studies to ensure adequate sampling through tourist season
- Compile results of Buttermilk Bay study and make them available to other towns through workshops and publications. Develop a document giving guidelines and methods for evaluating water quality problems in other embayments
- Examine private, local, and state options to implement the study's recommendations. Evaluate funding sources and incentive programs.

Tech Assist

3. TOXIC AND NUTRIENT CONTAMINATION

3A. What is the extent and source of toxic contamination in the sediments and biota of Buzzards Bay?

Historical data on toxic substances is being compiled and summarized through a contract to Battelle in FY 1985. A survey of PCBs and heavy metals in lobster, winter flounder, and quahogs throughout Buzzards Bay is being conducted by MA Division of Marine Fisheries and MA Division of Water Pollution Control (DWPC). The incidence of external diseases and hepatic lesions in finfish and lobster is being assessed. A survey of toxic contamination in water and sediments is in progress by DWPC. In addition, EPA superfund is conducting a detailed study of the PCB problem in New Bedford Harbor and developing food chain models to assess human health risks. The Buzzards Bay program is suppling the Superfund work by funding further analysis of the partitioning of PCB body

burdens (contract to Battelle). Through these studies, we will identify data gaps and priorities for further work in FY 87.

In addition to the sediments within New Bedford Harbor, other sources of toxic substances to Buzzards Bay are derived from the use of fertilizers, pesticides, and herbicides in cranberry bogs, on lawns, and for other agricultural applications, and from other nonpoint sources such as urban runoff. The increased expansion of the cranberry industry in recent years has led to the restoration of previously abandoned bogs and has increased the potential for larger inputs of nutrients and pesticides to Buzzards Bay. Inputs of nutrients and toxicants from all sources need to be assessed.

FY 1986 Activities

- Estimate loadings to Buzzards Bay of nutrients, pesticides and herbicides from cranberry bogs, lawns, and other sources.
- Coordinate efforts of state agencies and local governments and the Cranberry Experimental Station in examining the problem of pesticide and herbicide contamination
- Survey possible hot spots for pesticides in sediments and shellfish.

3B. What are the effects of PCB contamination on marine resources?

Because of the severe contamination of sediments in New Bedford Harbor with PCBs, it is necessary to assess the effects of PCB contamination on marine resources in order to better manage these resources in contaminated regions and predict future impacts. These questions require major research efforts beyond the scope of funding by the Buzzards Bay Project, but some areas where additional work is needed include:

- Determine bioavailability of PCBs to marine biota and determine rates of bioaccumulation in harvested species.
- Assess impacts of PCB contamination on reproduction, development, recruitment and disease of fish and shellfish stocks
- Determine transport of PCBs via sediment transport throughout Buzzards Bay
- Examine the biochemical basis of toxic effects of PCBs and other organic contaminants in finfish resources.

FY 1986 Activities

- Encourage cooperation with ongoing research efforts through small grants to support graduate student projects or small accessory projects that focus on resource management questions.

4. PUBLIC PARTICIPATION

4A. The initial role of the public participation program (grant to Lloyd Center) is to inform the public, interest groups, state and local agencies about the water quality problems and resources of Buzzards Bay and stimulate interest and communication regarding the Buzzards Bay Project. A bimonthly newsletter is being developed and circulated that will provide information on problems, workshops, meetings, research programs etc. in Buzzards Bay. The annual report will provide an overview of Buzzards Bay, the problems of major focus, and the work funded in FY'85. Public presentations aimed at creating awareness of Buzzards Bay as a regional resource and its water quality problems will be made at several locations around the bay. A celebration announcing the Buzzards Bay project took place in September 1985. A series of workshops aimed at local officials will cover topics related to water quality management in Buzzards Bay. For FY 86 public participation will continue to play an important role.

FY 1986 Activities

- Continue bimonthly newsletter and annual report
- Workshops aimed at implementing recommendations of the Buttermilk Bay case study.
- Local public meetings and presentations on the characterization of water and resource quality in embayments and development of action plans to improve water quality. Use Buttermilk Bay as a model for developing and implementing a local action plan.
- Workshops for local officials with emphasis on local regulations, incentives, and management practices to protect water quality and resources.
- Develop a travelling visual display on Buzzards Bay to be exhibited at conferences, libraries, town halls, etc.
- Atlas of resources, dischargers, water quality problems, etc
- Define goals for Buzzards Bay: What do people around Buzzards Bay want in terms of the bay's condition and resources.

5. MANAGEMENT

5A. How can we best implement recommendations to preserve/improve water quality?

Our objective of developing a holistic management scheme for Buzzards Bay, requires that the existing management and regulatory structure for overseeing water quality be defined, and modifications suggested to focus effectively on Buzzards Bay as a resource area. An inventory and assessment of local regulations affecting water quality is underway in FY 1985 by Southeastern Regional Planning and Economic Development District. Massachusetts Coastal Zone Management is compiling state and federal regulations related to water quality.

FY 1986 Activities

- Assess previous water quality studies such as 208 and SENE. Compile past recommendations, see which ones have been implemented, how effective have they been, where are the problems in implementation, etc.
- Assess the existing regulatory and management structure and tools for overseeing water quality in the bay. How often are they effective? Who is responsible for enforcement? Identify gaps and areas of overlap.
- Review and evaluate financial assistance and incentive programs related to land use and water quality.
- Develop model regulations that can be adopted by local Boards of Health, Planning Boards, Conservation Commissions, etc. Present workshops for these groups and publish summaries and recommendations. Compile technical information of use in evaluating the utility of local regs (e.g. regarding Title 5: Do requirements of increased setbacks or elevation above water table for septic systems protect water quality? Are trenches better than leaching pits?) and identify specific questions where more information is needed.



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Massachusetts Executive Office of
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SUMMARY MINUTES

The Buzzards Bay Management Committee met on October 5, 1989. The list of attendees is attached. The summary minutes from the September 7 meeting were accepted as revised.

Project staff provided the Committee an update on various activities underway. Neil MacGaffey gave a presentation to the Committee on data management objectives and status. A detailed hand-out was prepared. Following the presentation, the Committee briefly discussed how to provide for eventual regional and local access to the Buzzards Bay database.

Judy Pederson reported on the status of CCMP development. A portion of the draft CCMP was provided to each Committee member. A timeline was also distributed. Judy requested that EPA accept the revised timeframe for the draft CCMP to be due on 3/90 and the final due 9/90. Dave Fierra agreed to talk with OMEP. The Committee briefly discussed the audience for the CCMP; there was a general agreement that the CCMP should be a "how to" document targeted at the state and local levels.

The project staff distributed to the Committee a copy of a memo on the FY90 budget needs. There were some preliminary discussions and the Committee agreed to hold off on further discussions until the November meeting. Also, the Committee felt that the staff should prepare a 3-year budget projection to help sort out priorities, phase out certain activities, and provide for increased state involvement.

Joe Costa presented the recommendations of the Monitoring Plan Proposal Selection Committee. He requested that the Management Committee accept the recommendation to award the contract to SAIC. The Management Committee concurred.



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Revised 10/5/89

MINUTES

The Buzzards Bay Management Committee met on September 7, 1989. The list of attendees is attached. The summary minutes from the July 6 meeting were accepted as written.

Project staff provided the Committee an update on various activities underway. Carol Kilbride briefed the Committee on the status of the Buttermilk Bay Project noting that the construction costs for the Wareham site might be well above the budget; Bob Morehouse is in the process of soliciting cost estimates from local contractors to see if this is in fact the case. A couple of options discussed by the committee included selecting another site or using state match funds to supplement the existing budget. No action was taken on this item pending further information on cost estimates.

Joe Costa reported that the TAC has requested a special BBP briefing on the EIR for the New Bedford Wastewater Treatment Plant; the meeting is scheduled for 9/18/89. Also, he reported that a TAC Review Subcommittee will meet next week to review proposals received in response to the RFP for the development of the monitoring plan.

Bruce Rosinoff announced the upcoming Issues Workshops: September 16 - Shellfish Protection; September 30 - Toxics; October 14 - Sewage. Also he reported that regarding the Buttermilk Bay Project the drainage area has been delineated; the build-out analysis completed; and the contractor is now working on by-law development and intermunicipal cooperation. Lastly, Bruce discussed the formation of a new advisory committee to provide review of action items to be included in the CCMP. Committee makeup would include: EPA, EOCD, DMF, DEP, COE, SRPEDD, DPW, a representative from Falmouth and Bob Bowen from the TAC. The Management Committee formally approved the establishment of this new advisory committee.

Dave Janik reported that six work statements have been finalized for the community minigrant program and that interagency agreements are being prepared.

Claudia Shambaugh reported that the RFP for Phase 1 of the Financial Planning effort is complete. Phase 1 is to prepare an evaluated inventory. Claudia also reported that she is laying

funding of an addition \$15,600 to continue this work over the next three months.

Under other business, Judy Pederson requested that the Management Committee authorize rebudgeting of \$5,000 to cover office support expenses such as printing, postage, phone. The Committee agreed.

The next meeting of the BBP Management Committee will be held on October 5, 1989, in Room 1900A of the JFK Federal Bldg.

List of Attendees
Buzzards Bay Project Management Committee Meeting
September 7, 1989

Carol Kilbride	EPA	617-565-3514
Ted Pratt	BBAC	508-748-2500/0330
Bruce Rosinoff	CZM	508-748-3600
Joe Costa	CZM	508-748-3600
Barbara Sego	LLoyd Center	508-990-0505
Judy Pederson	CZM	617-727-9530
Gwen Ruta	EPA	617-565-4420
Russ Isaac	DEP/DWPC	508-792-7470
Tom Bigford	NOAA/NMFS	508-281-9209
Steve Smith	SRPEDD	508-824-1367
Dave Janik	CZM	508-748-3600
Bob Fagan	DEP/SE Region	508-946-2800
Jeff Benoit	CZM	617-727-9530
Claudia Shambaugh	CZM	508-748-3600
David Fierra	EPA	617-565-3478
Mike Hickey	DMF	508-888-1155



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Summary Minutes

The BBP Management Committee met on November 2, 1989. The list of attendees is attached.

The primary topic for today's meeting was to discuss the FY90 project budget and reach a preliminary consensus. Dave Fierra reported that EPA, CZM and DEP have met since the last Management Committee meeting to discuss budget needs and how the state can institutionalize the CCMP. Also, Dave stated that the BBP can expect to receive between \$200-250K for this budget year.

Based on these discussions, Dave reported that EPA and the state agencies have agreed that the core of the CCMP implementing team will consist of one EPA-funded position, a state coordinator, a technical assistant and a nonpoint source specialist (with the latter two positions to be part of DEP). The nonpoint source specialist will be funded for only one year by the project and then picked up by DEP. Also, Dave reported that the BBP needs to continue funding the compliance specialist for 6 months, continue public outreach, and institutionalize state/local efforts. Judy Pederson expressed concern for little or no program support or clerical support funds. The Committee agreed to these proposed budget items and directed the staff to further develop the FY90 Workplan.

Regarding the issue of FY89 state match, the Committee directed the staff to prepare a letter of solicitation to Buzzards Bay communities. The stormwater remediation funds will be used as an incentive to address stormwater runoff problems particularly those identified by the recent sanitary survey.

Under TAC activities, Carol Kilbride reported that the TAC had met recently to discuss the New Bedford Wastewater EIR and EPA's comments on the outfall. No formal action will be taken by the TAC.

Claudia Shambaugh distributed a memo to the Management Committee regarding the adoption and incorporation of the CCMP into the Mass. CZM plan and briefly discussed its contents.

Also, Claudia reported on the status of the proposals to develop an evaluated inventory of potential funding sources. In order to expedite the work, the Committee delegated authority to allow the selection committee to make the final decision without having to come back for Management Committee approval.



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Buzzards Bay Project Management Committee Meeting

November 2, 1989

Room 505 JFK Federal Building
Boston, MA

1:00 pm - 4:00 pm

Agenda

- 1) Approval of Minutes - (copy to be sent under separate cover)
- 2) FY90 Budget
- 3) FY89 State Match Proposal
- 4) Up-date of Project Activities - C. Kilbride, J. Costa
 - TAC Activities
 - Federal Consistency: the CCMP and CZM
 - Other
- 5) Report of the BBAC - T. Pratt
- 6) Report from the CBB - M. McConnell
- 7) Report from the Lloyd Center - A. Hankin
- 8) Other Business

NB/ The Committee must reach a consensus on its FY90 budget needs at this meeting.



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October 2, 1989

MEMORANDUM

TO: BBP Management Committee
FROM: Carol Kilbride *Carol*
SUBJ: Minutes from the September Meeting

Enclosed for your review are the minutes of the September meeting. Please be prepared to take action on these minutes at Thursday's meeting. See you there.



THE BUZZARDS BAY PROJECT

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MINUTES

The Buzzards Bay Management Committee met on September 7, 1989. The list of attendees is attached. The summary minutes from the July 6 meeting were accepted as written.

Project staff provided the Committee an update on various activities underway. Carol Kilbride briefed the Committee on the status of the Buttermilk Bay Project noting that the construction costs for the Wareham site might be well above the budget; Bob Morehouse is in the process of soliciting cost estimates from local contractors to see if this is in fact the case. A couple of options discussed by the committee included selecting another site or using state match funds to supplement the existing budget. No action was taken on this item pending further information on cost estimates.

Joe Costa reported that the TAC has requested a special BBP briefing on the EIR for the New Bedford Wastewater Treatment Plant; the meeting is scheduled for 9/18/89. Also, he reported that a TAC Review Subcommittee will meet next week to review proposals received in response to the RFP for the development of the monitoring plan.

Bruce Rosinoff announced the upcoming Issues Workshops: September 16 - Shellfish Protection; September 30 - Toxics; October 14 - Sewage. Also he reported that regarding the Buttermilk Bay Project the drainage area has been delineated; the build-out analysis completed; and the contractor is now working on by-law development and intermunicipal cooperation. Lastly, Bruce discussed the formation of a new advisory committee to provide review of action items to be included in the CCMP. Committee makeup would include: EPA, EODC, DMF, DEP, COE, SRPEDD, DPW, a representative from Falmouth and Bob Bowen from the TAC. The Management Committee formally approved the establishment of this new advisory committee.

Dave Janik reported that six work statements have been finalized for the community minigrant program and that interagency agreements are being prepared.

Claudia Shambaugh reported that the RFP for Phase 1 of the Financial Planning effort is complete. Phase 1 is to prepare an evaluated inventory. Claudia also reported that she is laying out the CCMP framework. A brief presentation will be made at the next Management Committee meeting.

On behalf of the BBAC, Ted Pratt reported that the committee is in the process of critiquing the procedures used for the community minigrant program and that one change might be to have communities provide a match. Also, Ted informed the committee that DEP is potentially interested in pilot testing the new wetlands restriction program in Buzzards Bay. The committee consensus was that this program is an important tool to control wetland abuses and that it could potentially serve as a state match for FY90.

Steve Smith reported on recent Coalition activities. Most notably, he reported that the fundraising dinner had to be cancelled and that the Coalition's annual meeting will be held on either Nov. 5 or 12.

Barbara Sego reported that the next deadline for input into the newsletter is the last Friday in October and that the slide show is undergoing final revisions.

The committee held some initial discussions on the FY90 budget for the BBP. Joe Costa prepared a handout which outlined the categories which need to be funded. After a short discussion, the committee charged the staff to put together a subcommittee to develop a proposed budget; Ted Pratt suggested that the budget be developed for a 3-year period.

Regarding FY89 funds, Joe Costa prepared a handout on potential options for funding using the state's cash match for the BBP. The committee discussed the various options for some time. Regarding the stormwater funds, two options exist; either undertake one large project or go out for community solicitations and undertake several projects. No decision was reached pending final cost estimates on the Wareham site.

Regarding the Harbor Planning funds, the two controversial options included using the money to hire a harbor planner for Buzzards Bay or contract out the development of a portion of a plan, e.g., a natural resource inventory that would be useful to all communities as they develop their harbor plans. Further detail on the options was requested; State staff will put this information for the October meeting.

Under new business, Mike Hickey from DMF made a presentation to the committee regarding the sanitary surveys recently conducted in Buzzards Bay and partially funded by the BBP. Mike reported that the BBP assistance was valuable in that it allowed DMF to complete nearly twice as many surveys in the Buzzards Bay area as originally projected. However, he reported that additional

work still needs to be performed. The committee approved the funding of an addition \$15,600 to continue this work over the next three months.

Under other business, Judy Pederson requested that the Management Committee authorize rebudgeting of \$5,000 to cover office support expenses such as printing, postage, phone. The Committee agreed.

The next meeting of the BBP Management Committee will be held on October 5, 1989, in Room 1900A of the JFK Federal Bldg.

List of Attendees
Buzzards Bay Project Management Committee Meeting
September 7, 1989

Carol Kilbride	EPA	617-565-3514
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