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STATE OF MAINE BOARD OF ENVIRONMENTAL PROTECTION



R. Wardwell

CHAIRMAN

CYNTHIA S. BERTOCCI

EXECUTIVE ANALYST

TERRY A. HANSON
ADMIN. ASSISTANT

January 16, 2003

Senator John Martin, Chair Representative Theodore Koffman, Chair Members of the Joint Standing Committee on Natural Resources #13 State House Station Augusta, Maine 04333-0013

Dear Chair Martin, Chair Koffman and Committee Members:

Title 38 M.R.S.A. section 341-D,7 requires the Board of Environmental Protection to report to the Joint Standing Committee on Natural Resources by January 15 of the first regular session of each Legislature. I have enclosed a report on the activities of the Board of Environmental Protection for calendar year 2002 in fulfillment of this requirement.

If you have any questions on the issues raised in this report, I would be happy to discuss them with you at your convenience.

Respectfully submitted,

Richard E. Wardwell, Chair

Board of Environmental Protection

Report to the Joint Standing Committee On Natural Resources

Board of Environmental Protection Summary of Activities Calendar Year 2002



Respectfully Submitted by: Richard E. Wardwell, Chair

REPORT TO THE JOINT STANDING COMMITTEE ON NATURAL RESOURCES SUMMARY OF ACTIVITIES -2002

Table of Contents

I.	Introduction	Page 1			
II.	Membership	Page 1			
III.	Summary of Matters				
	A. Rulemaking	Page 2			
	B. Major Applications and Other Licensing Matters	Page 4			
	C. Appeals of Commissioner Decisions	Page 5			
	D. Enforcement Actions	Page 5			
	E. Recommendations to the Legislature	Page 6			
IV.	Issues for Consideration				
	- Management of Solid Waste	Page 6			
	- Sludge Processing & Utilization	Page 7			
	- Scenic and Aesthetic Impact of Proposed Projects	Page 7			
	- Cumulative Impact Standard	Page 8			
V.	Board Process and Outreach				
	- Administrative Rules Update	Page 8			
	- Guide to Statutory Responsibilities & Associated Procedures	Page 9			
	- Web Page	Page 9			
	- Environmental Forum: UMFK	Page 9			
	- Site Visits	Page 9			
	- Informational Workshops	Page 10			
IV.	Closing	Page 10			

Attachments:

- > List of Board Members
- > 2002 BEP Agendas
- > Web Page
- > Environmental Forum / UMFK Program

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REPORT TO THE JOINT STANDING COMMITTEE ON NATURAL RESOURCES

SUMMARY OF ACTIVITIES FOR THE YEAR 2002

I. Introduction

Title 38 MRSA section 341-D, 7 requires the Board of Environmental Protection to report to the Joint Standing Committee on Natural Resources by January 15 of the first regular session of each Legislature on the "effectiveness of the environmental laws of the State and any recommendations for amending those laws or the laws governing the board." This report is submitted in fulfillment of that requirement. The report also notes changes in Board membership, summarizes Board activity over the past year, and briefly describes ongoing efforts to improve Board process.

II. Membership

Appointments

Nancy Ziegler of South Portland was appointed to the Board in March of 2002, replacing Andy Cadot of Freeport. Ms. Ziegler is a graduate of the University of California at Berkeley and the University of Maine School of Law. Following law school, Ms. Ziegler worked as a research associate at the Marine Law Institute in Portland. She was an associate with the Portland Law firm of Curtis, Thaxter, Stevens, Broder and Micoleau from 1984 through 1994, with a practice in civil litigation. Ms. Ziegler was the debate and mock trial coach for Cape Elizabeth High School for fourteen years and served on the boards of several organizations in the Greater Portland area.

New Chair

John Tewhey resigned as Chair effective December 1, 2002. Mr. Tewhey is approaching the end of his second term on the Board. Given that many rulemakings and major projects span several months, Mr. Tewhey felt that it would be appropriate and provide for a smoother transition if he were to continue as Presiding Officer on pending projects, but have a new Chair assume responsibility for those projects which will come before the Board in early 2003. Governor King accepted Mr. Tewhey's resignation expressing appreciation for his service, and appointed Richard Wardwell of Orono as the new Chair.

III. Summary of Matters before the Board

The Board's statutory responsibilities are established in 38 M.R.S.A. section 341-B. These responsibilities include rulemaking, decisions on selected permit applications, review (appeals) of Commissioner licensing decisions, review of enforcement actions, and making recommendations to the Legislature for changes to law. This section summaries the major actions of the Board in 2002. Issues for further consideration appear in Section IV below.

A. Rulemaking

During 2002, the Board considered proposed amendments to ten rules. Seven have been adopted, three are still pending. These rulemaking initiatives, which covered a wide range of topics, are summarized below.

- Chapter 2 Rules Concerning the Processing of Applications (repeal and replace): to clarify and update the rules. The previous substantive amendments to this rule were made in 1994. The proposed amendments reorganize the rule for clarity, include provisions for alternative dispute resolution, permit electronic filing of certain documents, and modify appeal procedures to facilitate more timely processing. A public hearing was held on the draft rule on November 7, 2002. Adoption is anticipated early in 2003.
- <u>Chapter 101 Visible Emissions</u> (repeal and replace): to modify provisions governing opacity limits for fuel burning sources, recovery boilers, general process sources and fugitive emission sources. The rule was posted for additional public comment in December 2002.
- <u>Chapter 102 Open Burning</u>: to implement statutory changes that prohibit open burning of wastes other than clean wood. Adopted December 2002.
- <u>Chapter 125 Perchloroethylene Dry Cleaners</u>: to clarify and update the rule to reflect current industry practice. Adopted December 2002.
- Chapter 140 Part 70 Air Emissions License Regulations: to coordinate implementation of various standards related to hazardous air pollutants with federal implementation schedules in order to avoid duplication of effort and possible substantive inconsistencies between state and federal programs. Adopted June 2002.

- Chapter 355 Coastal Sand Dune Rules (repeal and replace): to clarify a number of provisions of the rule, amend standards governing construction in frontal dunes and unstable back dunes, and address the issue of unconstitutional takings. Status: pending. The proposed amendments to the Coastal Sand Dune Rules were the most controversial rulemaking initiated in 2002. Several hundred people attended the public hearing held in Wells on August 14, 2002. The provisions related to reconstruction of damaged homes received the greatest comment. The Board has held a work session with staff to review public comments and possible revisions to the draft. A revised draft rule will be posted to public hearing in early 2003.
- <u>Chapter 425 Asbestos Management Rules</u> (repeal and replace): to simplify and clarify the rules, promote risk based standards, integrate changes in standard industry practice and promote consistency with federal rules to the extent possible. Adopted December 2002.
- <u>Chapter 691 Underground Oil Storage Facilities</u>: to regulate the siting of facilities to protect existing drinking water supplies and future sources of public drinking water supplies. Provisional adoption January 2002. Final adoption April 2002.
- Chapters 850, 853, and 856 of the Hazardous Waste Management Rules: to identify mercury devices and automotive switches as universal wastes and provide mechanisms to facilitate their collection, recycling, reuse, or proper disposal. Adopted October 2002.
- <u>Chapter 870 Mercury-Added Products</u>: to incorporate statutory changes to the definition of mercury-added products and statutory requirements for the labeling of motor vehicles, and to make other changes to implement and clarify various provisions of law. Adopted January 2003.

The Board received one petition for rulemaking related to development in frontal dunes. That petition was denied, and the Board subsequently posted amendments to the Coastal Sand Dune Rules as drafted by Department staff.

Accepting Public Comment at Time of Rule Adoption:

As you are aware, the Board's rulemaking procedure was modified with the enactment of 38 MRSA section 341-D, subsection 1-B. This provision of statute provides a mechanism for the Board to accept limited public comment at the time of rule adoption. In our report for Calendar Year 2001, we reported that there were initial concerns about the potential for this provision to complicate and perhaps lengthen the rulemaking procedure, but those concerns have not materialized. Those commenting on the rules have respected the statutory limits on the comments allowed, and their input has generally served to clarify provisions of the rule. The Board has integrated this provision into its rulemaking process and it has generally worked well.

B. Major Applications and Other Licensing Matters

Title 38 section 341-D, subsection 2 provides that: "The board shall decide each application for approval of permits and licenses that in its judgment:

- A. Involves a policy, rule or law that the board has not previously interpreted;
- B. Involves important policy questions that the board has not resolved;
- C. Involves important policy questions or interpretations of a rule or law that require reexamination; or
- D. Have generated substantial public interest."

An application of substantial public interest is further defined in rule as a project which has "the potential to affect a broad geographic area or a natural resource of statewide significance, or has generated more than local interest" [06-096 CMR Chapter 2]. In addition, statute requires that the Board decide some applications.

Major applications before the Board in 2002 included:

- <u>Bangor Hydro Electric Company</u>: Application for a 345 kV transmission line from Orrington to Baileyville. Withdrawn in February 2002 after hearing but prior to decision of the Board.
- <u>Waste Management Disposal Services of Maine</u>: Proposal to expand commercial solid waste landfill in Norridgewock. License was granted on August 27, 2002.
- <u>Widewaters Stillwater Company, LLC</u>: Application for a retail development project in Bangor adjacent to the Penjajawoc Marsh. Decision pending.
- <u>Finfish Aquaculture General Permit</u>: A public hearing is scheduled for February 2003.
- <u>China Lake Water Level</u>: The Board voted to hold a public hearing in response to a petition. The hearing will most likely be held in late spring 2003.

The Board received a request to assume jurisdiction over the Title V Air Emissions License for <u>FPL Energy Wyman Station in Yarmouth</u>, but voted not to assume jurisdiction. In denying the request, the Board found that the licensing proceeding did not involve a policy, rule or law requiring interpretation or reexamination. The Commissioner subsequently issued the license.

C. Appeals of Commissioner Decisions

The Board heard eight appeals of Commissioner decisions:

- Three were appeals of NRPA (Natural Resources Protection Act) permits,
- Two pertained to wastewater discharge licenses,
- One pertained to the land application of sludge,
- One addressed a solid waste license for a waste to energy incinerator, and
- One involved the removal of a dam.

The Commissioner's decision was affirmed, affirmed with minor modification, or partially affirmed in six of the eight appeals. The Board reversed the Commissioner's decision in two of the three NRPA appeals; it granted the expansion of a home in a sand dune system, but denied the construction of a permanent pier in coastal waters. The permanent pier was denied on several grounds including a finding that it would unreasonably interfere with the existing scenic and aesthetic uses in a manner inconsistent with existing structures and development.

Some of the significant issues raised by these appeals are discussed in Section IV below.

D. Enforcement Actions

During 2002, the Board approved 105 Administrative Consent Agreements and/or Enforcement Orders. These enforcement actions covered a range of issues including violations of the following:

- Performance Standards for Excavations (gravel mining) (10)
- Air Emission standards (8)
- Motor Vehicle Emission standards (1)
- Asbestos Management Rules (11)
- Hazardous Waste Management Rules (13)
- Solid Waste Management Rules (1)
- Solid Waste rules governing sludge utilization(2)
- Oil Discharge Prevention statutes and rules (2)
- Site Location of Development Law (6)
- Natural Resources Protection Act, Erosion and Sedimentation Control Law, Stormwater Control Law, Protection and Improvement of Waters Act or some combination thereof (51).

By far the largest number of actions involved violations of the Natural Resources Protection Act, which are frequently associated with violations of the Erosion and Sedimentation Control Law, Stormwater Control Law, and/or Protection and Improvement of Waters Act. It is apparent that we need to continue to educate homeowners and contractors regarding best management practices and the importance of preventing discharges of soil and contaminants to our surface waters and wetlands.

E. Recommendations to the Legislature

<u>Water Reclassification</u>: Title 38 M.R.S.A. section 464, subsection 3B directs the Department of Environmental Protection to conduct water quality studies and the Board to hold public hearings and propose changes to the classification of State waters periodically, but at least once every three years.

During 2002, Department staff actively sought input from various governmental agencies, watershed councils, organizations and the general public regarding possible water quality upgrades. In addition to numerous meetings with interested groups, the staff held four public meetings across the State in Saco, Bethel, Houlton and Columbia Falls. The Board subsequently held two formal public hearings in September and October of 2002, one in Bangor and the other in Augusta. The public hearings were well attended, with 21 persons offering oral testimony and 33 persons submitting written comments.

The Board unanimously approved the proposed reclassifications at its meeting on December 5, 2002. The recommended changes in classification reflect significant water quality improvements that have occurred across the State as a result of the widespread support for, and commitment to, water quality demonstrated by municipalities and other governmental bodies, industry, non-governmental organizations and the general public. Our recommendation also establishes important goals for continued improvements in water quality.

The Board's recommendation has been submitted under separate cover for your consideration during the First Regular Session of the 121st Legislature. We look forward to your consideration of this matter.

IV. Issues for Consideration

As discussed above, the Board considers a significant number of applications and proposed rules each year. While each project or rule presents important issues for resolution, the Board would like to bring the following matters to your attention.

Management of Solid Waste

The challenges associated with solid waste disposal were highlighted in two separate proceedings before the Board in 2002. As noted in Section II B above, the Board assumed jurisdiction over the proposal by Waste Management Disposal Services of Maine to construct and operate a secure landfill expansion for the disposal of solid and special wastes at its facility in Norridgewock. The 47.8 million dollar expansion will take 3 years to construct and will provide an additional 4 million cubic yards of disposal capacity; however, at projected disposal rates, it will provide only an additional 8.4 years of site life. Given the complexity of the project, the considerable cost of construction, and the often-controversial nature of such projects, Board members were struck by the rate at which this landfill space will be consumed. For many Board members, this application highlighted the voluntary nature of Maine's

recycling efforts and the need for the State to further encourage and facilitate recycling. Additionally, while recognizing limitations imposed by the Commerce Clause of the U.S. Constitution, some Board members believe that there should be a mechanism for ensuring that out-of-state generators who utilize Maine's landfill capacity document their efforts to recycle and thereby minimize waste transported to disposal facilities in Maine.

The Board also heard an appeal by the City of Biddeford of an amendment to the solid waste license for the Maine Energy incinerator in Biddeford. While the Board affirmed the Commissioner's decision, the appeal highlighted the ongoing concerns of many in this host community.

Sludge Processing and Utilization

As we have reported previously, sludge processing and utilization continues to be a divisive issue in Maine. This past fall, the Board heard an appeal of a license to land apply Class B biosolids on an agricultural field in Leeds. The Board upheld the Commissioner's decision to issue the license.

The Board continues to support the recycling and beneficial reuse of sludge and sludge-derived products as an environmentally safe as well as cost effective way of managing such materials if done appropriately. However, local opposition is making it increasingly difficult to locate sites for land application of Class B biosolids, particularly in the more heavily populated areas of the State. During the Leeds appeal proceeding it was clear that abutters to such sites continue to fear possible health impacts from improperly managed sites via contaminated ground and surface waters or from airborne pathogens. It is important that we continually re-evaluate our rules in light of new technical information to ensure that they continue to be protective of both public health and the environment.

Given the level of concern voiced by citizens, Board members subsequently scheduled a tour of a wastewater treatment facility and its associated composting facility to better understand the process. We plan to visit an active sludge application site in the spring.

Scenic and Aesthetic Impact of Proposed Projects

Both the Site Location of Development Law [38 M.R.S.A. section 484(3)] and the Natural Resources Protection Act [38 M.R.S.A. section 480-D, 1] contain provisions requiring an assessment of the scenic and aesthetic impact of a proposed project. These criteria have become increasing significant as the Board sees more applications or appeals involving development of coastal shorefront property which previously has been undeveloped. Last year we reported that the Board intended to work with Department staff on this issue during 2002 and would report back to you on our progress.

In the intervening year, Department staff has carefully researched the issue examining efforts by other states to assess visual impacts and reviewing earlier efforts at scenic assessment in Maine. Careful consideration of such potential impacts can be critical to the protection of important natural resources. We anticipate that the Board will be posting a draft rule to public hearing early in 2003. Our goal is to establish parameters by which to systematically evaluate the visual or aesthetic impact of a proposed project and thereby lend greater consistency to the implementation of the standards.

Cumulative Impact Standard

The Board continues to wrestle with how best to assess the cumulative impact standard of the Natural Resources Protection Act and associated rules as well as the rules implementing the Site Location of Development Act. The Board has received a summary of the relevant provisions of law from the Attorney General's Office, but continues to believe that both the regulated community and the Department would benefit from more specific criteria for assessing this standard.

V. Board Process and Outreach

As you are aware, the legislature established the Board to provide "...informed, independent and timely decisions on the interpretation, administration and enforcement of the laws relating to environmental protection and to provide for credible, fair and responsible public participation in department decisions." [38 MRSA sec. 341-B] Board members are committed to fulfilling this mandate.

During 2001 the Board actively sought input from persons who come before the Board in an effort to understand their concerns and identify opportunities to improve Board processes. Board members examined these concerns in several process meetings in 2001 and in early 2002. In 2002, the Board continued to take steps to increase accessibility to information about the Board, its processes and proceedings. These efforts include the following:

Administrative Rules Update: One item that was repeatedly highlighted by persons commenting on Board process was the need to update the Department's administrative rules. Department staff, with input from the Assistant Attorneys General who support the Board and from the Executive Analyst, drafted revisions to Chapter 2. The Board held a public hearing on November 7, 2002. We anticipate that revisions to Chapter 2 will be adopted in early 2003. These amendments should clarify a number of procedural matters as well as expedite the processing of appeals.

<u>Guide to Statutory Responsibilities and Associated Procedures</u>: As a result of its discussions on Board process, members asked that staff develop a handbook or guide to the Board's responsibilities and duties for use by Board members and the general public. This document has been drafted and reviewed by Board members and others. It will be finalized following adoption of amendments to Chapter 2 as discussed above.

<u>Web Page</u>: During 2002 the Board's Administrative Assistant developed an expanded web page for the Board and has begun to populate its various components. The web page will make information on Board membership, processes, and meetings more accessible to the regulated community and the general public.

Environmental Forum: University of Maine Fort Kent: The Board co-sponsored an environmental forum at the University of Maine at Fort Kent in March of 2002 at the invitation of Acting President Donald Zillman. The purpose of the forum was to introduce UMFK students, faculty and the interested public to the Board and its role in environmental decision-making, and for the Board to learn about environmental education at UMFK. The forum was anchored by a keynote address from Professor George Jacobson, Director of the Institute for Quartinary and Climate Change Studies at the University of Maine Orono. Other presenters included Board Chairman John Tewhey, Board Executive Analyst Cynthia Bertocci, and UMFK faculty Professors Steve Selva, David Hobbins, Jeffrey Dubis, and Kim Borges-Therien. Board members also used the opportunity to learn more about the environmental issues and the economy of northern Maine, including a tour of Fraser Paper in Madawaska and an overview of Fraser's efforts to reduce wastewater discharges to the St. John River.

<u>Site Visits</u>: The Board continued its practice of conducting project specific, as well as informational, site visits. These visits serve to familiarize Board members with proposed development sites and/or provide general background information on issues before the Board. Board members conducted the following site visits in 2002:

- <u>Frazer Paper, Madawaska</u>: To observe recent improvements to the mill's wastewater treatment facility. Mr. Sam Sirois, Manager of Environmental and Technical Quality, and his staff hosted the Board.
- <u>Bangor</u>: To view the Penjajawoc Marsh and the location of the proposed Widewaters Stillwater retail development project.
- <u>Bar Harbor</u>: To view the site of a proposed coastal dock that was the subject of an appeal.
- Wells: To view a coastal sand dune system prior to the public hearing on proposed amendments to the Coastal Sand Dune Rules. Stephen Dickson and Robert Marvinney of the Maine Geological Survey assisted Board members and staff.

- Waste Management Services of Maine (WMDSM) in Norridgewock: To view
 landfill liner construction and the site of the proposed Phase 12 landfill expansion.
 WMDSM staff headed by Steve Poggi provided Board members and intervenors in
 the proceeding with a tour of the facility and responded to questions on current
 operations.
- Acadia Aquaculture Facility, Hardwood Island: To observe a finfish aquaculture
 facility in preparation for public hearings on the draft Finfish Aquaculture General
 Permit. Jody Patterson, site manager, explained facility design and operations and
 responded to questions from the Board.
- <u>Lewiston-Auburn Water Pollution Control Facility</u>: Mac Richardson, Superintendent, guided Board members on a tour of the municipal wastewater treatment plant and its associated sludge composting facility.

<u>Informational workshops</u>: Department staff also provide a number of informational workshops at regularly scheduled Board meetings throughout the year for the benefit of Board members and any members of the public who wish to attend. Workshops in 2002 addressed: sludge utilization, stormwater management, biocriteria for determining compliance with water quality standards, and a review of the permit-by-rule process.

VI. Closing

The Board of Environmental Protection is a unique institution. The Legislature has entrusted a group of ten citizens with decision-making authority on a wide range of matters involving the interpretation and implementation of environmental laws. Board members take this trust seriously and actively work to educate themselves on the issues and to solicit public comment on matters before the Board.

Members continue to find the work of the Board both challenging and rewarding. As members of a citizen board, each of us brings different experiences and perspectives to the Board's consideration of proposed projects and draft rules. This diversity makes for a healthy exchange of ideas and a thorough consideration of the issues. We believe that such collective decision making helps to ensure that the decisions reached by the Board appropriately balance the competing needs and values of Maine people.

Attachment:

List of Board Members

Supplemental Materials: *

- Agendas
- Web Page
- Environmental Forum, University of Maine Fort Kent: Agenda
- * Provided to Legislative Analyst, Joint Standing Committee on Natural Resources

Attachment:

List of Board Members Member Biographies

MEMBERS OF THE BOARD OF ENVIRONMENTAL PROTECTION

Members	Expiration Date	<u>Terms</u>
Richard Wardwell, Chair Orono	October 2, 2003	1 st
Nancy Ziegler So. Portland	January 30, 2006	1 st
Virginia Plummer Turner	August 26, 2003	1 st
Melford Pelletier Soldier Pond	September 20, 2003	1 st
Irving Faunce, Kennebunkport	June 3, 2005	1 st
John Tewhey Gorham	June 27, 2003	2 nd
John R. Marsh Gardiner	June 27, 2003	2 nd
Katharine Littlefield Belfast	June 25, 2004	2 nd
Jean T. Wilkinson Cumberland Foreside	December 12, 2005	2 nd
Ernest Hilton Starks	January 30, 2006	2 nd

The Board of Environmental Protection consists of ten members serving a term of 4 years and appointed by the Governor -- Please contact Terry Hanson, staff member to the Board at (207) 287-2811 with any questions or concerns.

Revised 12-01-02

MAINE BOARD OF ENVIRONMENTAL PROTECTION

Richard E. Wardwell, Chair Orono

Board Member Wardwell is a Professional Engineer with degrees in Civil, Geotechnical, and Groundwater Engineering. He has over 20 years of experience as an environmental engineer, specializing in the design of earthen structures, the design and assessment of waste disposal facilities, and the control and remediation of contamination from solid and hazardous waste disposal sites. Mr. Wardwell is an independent consulting engineer based in Orono and an adjunct faculty member of Civil Engineering at the University of Maine where he currently teaches courses in geotechnical, groundwater, and hydrologic engineering. Mr. Wardwell is a commercial pilot and certified flight instructor and serves on the Airport Advisory Committee in Old Town. He was appointed to the Board in April of 2000 and appointed by Governor King as chair in December of 2002.

John D. Tewhey, Gorham

Board Member Tewhey is a State of Maine Certified Geologist and Certified Professional Hydrogeologist with more than 20 years of experience as an environmental consultant in the fields of hydrogeology, geochemistry, and hazardous waste remediation. He is President of Tewhey Associates, an environmental consulting firm located in South Portland. Mr. Tewhey is also active in local government and civic organizations. He served on the Gorham Planning Board for seven years (two years as Chair) and the Gorham Economic Development Corporation. He is a former Board Member and past President of the Portland Concert Association, and a former Trustee of the Maine Historical Society. Mr. Tewhey also served on the Steering Committee of the Maine Environmental Priorities Project. He was appointed to the Board of Environmental Protection in June of 1995. Mr. Tewhey is serving his second term on the Board.

Nancy Ziegler, So. Portland

Board Member Ziegler is a graduate in History of the University of California at Berkeley and of the University of Maine School of Law. She was admitted to practice law in Maine and Federal Court in 1981. Following law school, Ms. Ziegler worked as a research associate at the Marine Law Institute in Portland. She then became an associate with the Portland law firm of Curtis, Thaxter, Stevens, Broder and Micoleau (1984-1994), with a practice in civil litigation including several significant cases involving land use, regulatory and environmental matters. Ms. Ziegler has fourteen years of experience as a debate and mock trial coach at Cape Elizabeth High School where she coached five varsity Lincoln-Douglas Debate state champions. She has served on the Boards of the Maine Suzuki Association, the Jewish Community Center of Portland, and the East End Children's Workshop. Ms. Ziegler was an Assistant Editor of WomenSports Magazine (1973-1975) and a freelance writer with articles published in Runner's World Magazine, Mother Jones Magazine, and San Francisco City Magazine. Ms. Ziegler was appointed to the Board in April of 2002.

MAINE BOARD OF ENVIRONMENTAL PROTECTION Page 2

Irving B. Faunce, Kennebunkport

Board Member Faunce has extensive experience in health care administration. He is currently the Administrator of Kennebunk Nursing and Rehabilitation Center in Kennebunk, Maine. Past positions include Executive Director and CEO of RiverRidge, a brain injury rehabilitation center in Kennebunk, ME; Director of the Center for Occupational and Environmental Health in Exeter, NH; Vice President for Corporate Planning and Marketing for Kennebec Health System of Augusta, Maine and Executive Vice President and CEO for Yankee Healthcare, Inc, also of Augusta. His community involvement includes two years as a member of the Gardiner City Council, two years as Mayor of the City of Gardiner, nine years on the School Board for SAD #11, and past President of the Gardiner Little League. Mr. Faunce served on the Maine Human Rights Commission from 1976-1981. He was appointed to the Board in September of 2000 to complete the unexpired term of former Board Member Cheryl Bascomb.

Ernest W. Hilton, Starks

Board Member Hilton is an Attorney and Professional Engineer with a law and engineering office in Madison, Maine. He holds a law degree from the Dickenson School of Law in Carlisle, Pennsylvania and engineering degrees from the University of Maine at Orono in engineering physics and from West Virginia University in mining engineering. Mr. Hilton has worked with both private sector clients and public agencies on legal, technical and policy issues since 1978. He worked as a mining consultant for a number of years in Pennsylvania where he is still a registered engineer. He has also worked as an attorney, engineer and consultant for the Maine Public Utilities Commission on a variety of construction, generation, transmission and conservation issues. His civic experience includes two years as a Selectman for the Town of Starks, nine years as Chairman of the Starks Board of Appeals, and ten years on the SAD #59 School Board. In addition, Mr. Hilton has founded and been active in a number of historical societies as well as conservation and environmental organizations. He and his family live on a family farm in Starks where they have raised sheep, cattle, and horses, harvest hay, and manage a woodlot. Mr. Hilton was appointed to the Board in May of 1999.

Katharine C. Littlefield, Waldo

Board Member Littlefield is First Selectman and Chair for the Town of Waldo where she has served on the Select Board for 27 years. Ms. Littlefield has also been a member and Chair of the Waldo County Budget Committee and has served on the Advisory Board of the Maine Municipal Association. As such, Ms. Littlefield has extensive experience in municipal and county government and the implementation of environmental laws at the local level, particularly those relating to solid waste management. Ms. Littlefield and her husband are the owners and operators of a family farm where they raise dairy cows and draft horses and manage a woodlot. Ms. Littlefield was appointed to the Board of Environmental Protection in April of 1996 and is serving her second term.

MAINE BOARD OF ENVIRONMENTAL PROTECTION Page 3

John F. Marsh, West Gardiner

Board Member Marsh is a Registered Maine Guide and a 23-year veteran and former Chief of the Maine Warden Service. Mr. Marsh served 3 consecutive terms in the Maine State Legislature, where he served on the Energy and Natural Resources Committee and the Marine Resources Committee. As such, Mr. Marsh has extensive knowledge of Maine's natural resources and the environmental statutes that govern their use. Mr. Marsh also served on the Board of Trustees of the Maine Criminal Justice Academy. He and his wife are currently the owners and operators of Paul's Marina in Brunswick and the Bog Hill Tree Farm in West Gardiner, Maine. Mr. Marsh was appointed to the Board in June of 1995 and is serving his second term on the Board.

Melford J. Pelletier, Wallagrass

Board Member Pelletier earned his Masters Degree in Education from the University of Maine. He taught Math for more than 30 years at the Community High School in Fort Kent, Maine. Mr. Pelletier also served as a Military Instructor from 1969-1971 at the U.S. Army Chaplain School in Brooklyn, New York. In addition to his teaching career, Mr. Pelletier has devoted considerable time to public service, having served as a Selectman for the Town of Wallagrass from 1973-1994. Mr. Pelletier is very familiar with Maine's north woods. He has worked in lumber camps, has been a Registered Maine Guide, and has been an All Terrain Safety Instructor and Volunteer Creel Census participant for the Department of Inland Fisheries and Wildlife. He has also served on the Advisory Council for the Allagash Wilderness Waterway since 1999. He was appointed to the Board in April of 2000.

Virginia N. Plummer, Turner

Board Member Plummer is a writer, an independent filmmaker, and a Human Services Consultant, providing services to state agencies and numerous non-profit organizations. Past professional experience includes that of Executive Staff and Principal Writer for the Department of Human Services Commissioner's Task Force on Incapacitated and Dependent Adults, Executive Director of the Maine Committee on Aging, and Director of Special Projects for the Maine Committee on Aging including the WGME television production entitled "Gray Matters". Ms. Plummer is a member of the International Women's Writing Guild; Board member of the Nezinscot Guild, an agency that employs developmentally disabled individuals; a coach for Odyssey of the Mind teams in SAD #52, and Board member of the Student Based Health Center in SAD #52. Ms. Plummer was appointed to the Board in October of 1999.

MAINE BOARD OF ENVIRONMENTAL PROTECTION Page 4

Jean T. Wilkinson, Cumberland Foreside

Board Member Wilkinson has a financial background with a Bachelors Degree in Economics from Wellesley College and a Masters Degree in Education from the University of Southern Maine. She recently retired from Fleet Bank of Maine as a Vice President and Relationship Manager in its Private Clients Group. Ms. Wilkinson also has a long record as a civic leader and volunteer. She currently serves on numerous boards including the University of New England (Board Chair from 1989-1995), Maine College of Art, North Yarmouth Academy, Anthem Blue Cross Blue Shield Quality Management Oversight Committee (Board Chair Blue Cross Blue Shield of Maine 1990-1993), Community Health Services, Maine Humanities Council, Chewonki Foundation, Spurwink/UNE Center for Research, and Maine Episcopal Diocesan Funds. Ms. Wilkinson was appointed to the Board in October of 1997 to complete the unexpired term of former Board Member Ronald Mallett. Ms. Wilkinson began her first term in March of 1998.

(December 2002)

Supplemental Material(s):

Environmental Forum / UMFK Program
2002 BEP Agendas
Web Page