

CYNTHIA A. BARAN

EDUCATION

1994 – 1995	University of Massachusetts	Dartmouth, Massachusetts
Master of Environmental Engineering Coursework		
1988 – 1990	University of Massachusetts	Amherst, Massachusetts
Master of Public Health: Epidemiology		
1982 - 1986	College of the Holy Cross	Worcester, Massachusetts
Bachelor of Science: Biology/Premedical		

PROFESSIONAL EXPERIENCE

2005 - Present	MA Department of Environmental Protection	Lakeville, Massachusetts
Chief, Risk Reduction Section, Bureau of Waste Site Cleanup (BWSC)		

Responsible for the development and implementation of all aspects of the BWSC Risk Reduction (RR) program plan. Manage all operational procedures for Risk Reduction Section and supervise RR staff. Operational procedures include the identification of opportunities to address Imminent Hazard conditions, Critical Exposure Pathways and Conditions of Substantial Release Migration for immediate follow-up. All risk reduction opportunities are identified and prioritized for follow-up action and/or referral to other BWSC Sections. In addition to Risk Reduction efforts, the RR Section conducts technical screen audits of submitted documents to identify any noncompliance issues and evaluates and prioritizes enforcement opportunities. Specifically, the RR Section prioritizes enforcement of Class I Violations related to risk reduction measures. The RR Section manages state funded response actions when release or related exposure conditions warrant time critical response, and the PRP is unwilling or unable to conduct response actions in a timely manner.

2003 - 2005	MA Department of Environmental Protection	Lakeville, Massachusetts
Enforcement Initiative Project Manager, Bureau of Waste Site Cleanup (BWSC)		

Developed and implemented operational strategies for targeted SERO compliance and enforcement activities for M.G.L. Chapter 21E and the Massachusetts Contingency Plan (MCP); primary author and point of contact for SERO BWSC High Visibility/High Impact Initiative: Fall River Schools Report (June 30, 2005); developed SERO BWSC IRA Compliance & Enforcement Initiative Policy; evaluated sites with noncompliant IRAs and determined appropriate enforcement and technical approach, staffing, and resources required to mitigate each site; conducted risk-based prioritization of IRA sites; directed resources to enforcement actions and/or state funded remediation at the highest priority sites; evaluated and prioritize use of public funds at IRA and other non-compliant sites; identified imminent hazard conditions and risk reduction opportunities at sites and initiated appropriate response actions, where necessary; mitigated unacceptable risks posed by open IRA sites; supervised state funded remediation activities; developed scopes of work and work orders, hired environmental contractors and directed contractor's work; conducted meetings with regulated entities to explain technical, legal and administrative requirements of M.G.L. Chapter 21E and the MCP; negotiated settlements with regulated entities in noncompliance; represented DEP before legislative bodies, boards and commissions and federal, state and local agencies; and conducted technical and public meetings.

EXPERIENCE
CONTINUED

2001 – 2003 Environmental Management Commission MA Military Reservation
Environmental Officer

Provided independent oversight of all military and civilian activities conducted on the Upper Cape Water Supply Reserve (the Reserve) located on the northern 15,000 acres of the Massachusetts Military Reservation (MMR); conducted environmental compliance inspections and evaluated the environmental impact of all activities on the water supply and wildlife habitat of the Reserve; oversaw compliance with and enforcement of the Environmental Performance Standards (EPS); coordinated development of quantifiable indicators to measure environmental impacts to natural resources; generated EPS audit inspection and response/notification protocols for significant events; evaluated natural resources data collection and analysis; supervised development of program to obtain scientifically valid baseline and long-term monitoring data, including establishing long-term monitoring plots, conducting flora and fauna inventories and overall land condition trend analyses; reported directly to the Environmental Management Commission (EMC) comprised of the Commissioners of DEP, DEM, & DFWLE; acted as the EMC's liaison to the community, military, local and state officials and state legislature; appointed as EMC's representative to the Community Advisory Council (CAC) and Scientific Advisory Council (SAC); reviewed technical reports; organized EMC, CAC and SAC public meetings; and facilitated open and public review of all activities on the Reserve.

1995 – 2003 MA Department of Environmental Protection Lakeville, Massachusetts
Site Management Branch Chief & Regional Contract Administrator

Responsible for all state funded remedial response actions in the Southeast Region; directed assessment and remediation at the region's highest priority publicly-funded sites, including the J. Braden Thompson Road Site, Sandwich/Mashpee; managed three million dollar aquifer restoration project; supervised multiple hydrologic investigations; directed project teams in execution of response actions; managed Mashpee-Wakeby Pond investigation, including fish tissue, surface water quality and sediment sampling and ecological risk assessment; evaluated and certified vernal pool habitats and delineated bordering vegetated wetlands; conducted endangered species surveys, water quality monitoring, water elevation measurement and groundwater modeling to ensure treatment system design would not impact sensitive human and environmental receptors; trained and supervised project managers; prioritized regional sites at which public funds were expended; initiated enforcement actions and cost recovery efforts; developed work plans for response actions at state funded sites; pilot tested and evaluated innovative technologies for efficacy at state funded sites; managed Site Assessment and Remediation Support Services (SARSS) and Immediate Response Action Support Services (IRASS) Contracts for all remedial response actions at sites in the Southeast Region; conducted technical and public meetings; coordinated project review and permitting with federal, state and local agencies.

1993 – 1995 MA Department of Environmental Protection Lakeville, Massachusetts
Project Manager & Regional SARSS Coordinator

Managed SARSS contracts; participated in Barnstable Aquifer Protection Project; evaluated and facilitated response and remediation activities at privately and publicly-funded sites; provided direct management and oversight of state contractor's assessment and remedial response activities at spills and sites; responded to sudden releases requiring time critical actions to protect public health and environmental receptors; identified risk reduction opportunities at spills and sites; facilitated implementation of resultant remedial actions; performed environmental monitoring; conducted technical review of site assessment and remediation documents; performed compliance inspections and enforcement activities; and prepared technical specifications and enforcement documents.

EXPERIENCE CONTINUED	1989 - 1993 Director of Public Health	Town of Eastham	Eastham, Massachusetts
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Eastham's first Health Director; established and organized the Health Department; established Health Department policies and operations; drafted regulations for Board of Health review and promulgation; enforced federal, state and local laws and regulations; performed compliance inspections; supervised inspection staff; developed operational budget; implemented innovative technologies to protect natural resources through grants with Barnstable County Health and Environmental Department; initiated town-wide water quality evaluation program; coordinated town participation in regional groundwater protection projects including construction and operation of the Tri -Town Septage Treatment Facility and establishment of the Septic System Inspection and Maintenance Program; and facilitated cooperative compliance enforcement between federal, state and local agencies.

1987 - 1989 Assistant Health Director	Town of Brewster	Brewster, Massachusetts
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Enforced state and local public health laws, rules and regulations; investigated conditions that threatened public health and the environment; conducted environmental sampling programs; performed multimedia compliance inspections; compiled and interpreted inspection data; prepared technical reports; and presented recommendations to the Health Director and Board of Health.

COMMUNITY SERVICE	1998 – Present 1998 – 2009 1998 - 2001 1989 - 1993	Brewster Conservation Commission Brewster Water Quality Review Committee - Chairperson Cape Cod Lyme Disease Task Force Cape Cod Marine Water Quality Task Force
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AWARDS	2009 MassDEP Citation for Outstanding Performance Nomination - Blackinton Commons Risk Reduction/Enforcement Team 2003 MassDEP Citation for Outstanding Performance - Buzzards Bay Oil Spill Remediation Team 2001 MassDEP Individual Citation for Outstanding Performance 1996 Commonwealth of Massachusetts Individual Citation for Outstanding Performance 1995 MassDEP Southeast Regional Office Employee of the Month
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LICENSES	Commonwealth of Massachusetts Registered Sanitarian Certified System Inspector
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PROFESSIONAL MEMBERSHIPS	National Environmental Health Association Massachusetts Health Officers Association Massachusetts Association of Conservation Commissioners
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