

Nina Z. Coleman

52 Turtleback Rd.
Marstons Mills, MA 02648

Home Phone (508) 685-1918
Email: Nina.coleman@town.barnstable.ma.us

EDUCATION

- 2003 *University of Massachusetts, Amherst, MA*
❖ M.S., Natural Resources Conservation. GPA 4.0
- 1997 *University of Massachusetts, Amherst, MA*
❖ B.S., Environmental Science with High Honors
- 1995 *Cape Cod Community College, Barnstable, MA*
❖ A.A., Liberal Arts with High Honors
- 1988 *Bellows Falls Union High School, Bellows Fall, VT*
❖ High School Diploma

EMPLOYMENT AND WORK EXPERIENCES

- March 2003-
Present
- Sandy Neck Park Manager*
Town of Barnstable
1189 Phinneys Lane
Centerville, MA 02632
- Supervisor:*
Dan Horn, Director
Martine and Environmental Affairs
- ❖ Manages daily operations of Sandy Neck Beach Park, which is a 1,500 acre barrier beach that is designated as an Area of Critical Environmental Concern and is known for multiuse recreational opportunities: camping, hiking, hunting, swimming, off road beach driving, fishing and private cottage use.
 - ❖ Administers the Sandy Neck enterprise account consisting of approximately one million dollars annually. Tasks include revenue projections, operational budgeting, salaries and capital improvement projects.
 - ❖ Supervises twenty-five fulltime and seasonal employees including hiring and training.
 - ❖ Drafts multiple environmental permit requests for Sandy Neck projects, and updates Sandy Neck rules and regulations to ensure beach patron compliance and safety.
 - ❖ Directs protection of endangered species (piping plovers, terns and diamondback terrapins) including mandatory monitoring, predator prevention measures and nesting data and reporting requirements.
 - ❖ Acts as Senior Natural Resource Officer for activities such as enforcement/beach patrol and medical emergencies.
 - ❖ Coordinates Sandy Neck's wildlife rescue program for marine mammals, injured birds and stranded sea turtles.
 - ❖ Provides environmental education to the public via guided nature hikes, our diamondback terrapin headstart program, Junior Rangers and organized use of our remote educational classroom.
 - ❖ Works on an ambitious coastal resiliency projects to improve the viability of Sandy Neck infrastructure.
 - ❖ Engages in public relations such as presentations to boards, commission and committee, press interviews and conferences appearances.
 - ❖ Achieved over 15 years of Sandy Neck ecological restoration and wetland mapping.
 - ❖ Has overseen the completion of the Sandy Neck bathhouse capital improvement project.

September 2000-
January 2003

Research and Teacher Assistantships
University of Massachusetts
Amherst, MA 01003

Supervisor:
Dr. Robin Harrington
Dept. of Natural Resources Conservation

- ❖ Teacher assistantship—taught two courses to undergraduates: Applied Ecology, Plant Sampling and Identification.
- ❖ Research assistantship—involved mapping with GIS/GPS, plant inventory, invasive species removal, statistical analysis and presenting/publishing results.
- ❖ Thesis authorship—designed and implemented master thesis “Interdunal swales and the invasive plant species *Phragmites australis*.”

January 1998-
August 2000

Environmental Technician
Town of Bourne
24 Perry Ave.
Buzzards Bay, MA 02532

Supervisor:
Coreen Moore
Bourne Town Planner

- ❖ Managed the town conservation office interns and employees.
- ❖ Under the Wetland Protection Act and Bourne Town Bylaws, reviewed proposed projects and enforcement issues (site inspection, site plan review and wetland delineation).
- ❖ Coordinated salt marsh restoration via culvert replacement and vernal pool restoration (grant writing, permitting, organizing volunteers, project design and implementation).
- ❖ Initiated a year long, Town Meeting approved, dock moratorium and completed a study of the effects of docks on marine natural resources.
- ❖ Championed Town Meetings approval for the enactment of dock construction regulation.
- ❖ Advisory staff to volunteer boards on environmental issues (wetland protection, land acquisition and water quality).
- ❖ Managed town conservation areas and provided grant writing and coordination of trail restoration under the Cape Cod Pathways Program.

CERTIFICATIONS, MEMBERSHIPS & AWARDS

- ❖ MA Certified Pesticide Applicator
- ❖ CPR and AED Certified

COMPUTER SKILLS

- ❖ Word, Excel, Access, Power Point
- ❖ ArcView, GeoMedia
- ❖ Minitab, SAS

PRESENTATIONS

Coleman, N.Z., R. A. Harrington, D. L. McCullough & J. Grand (2002). A Discriminant Analysis of the relationship between *Phragmites australis* invasion of interdunal swales and landscape level variables. Poster presentation. Society of Wetland Scientists Annual Meeting, Lake Placid, NY. June 2-7, 2002.