



ELI J. PERRONE

CR Environmental, Inc., 2005 to Present
 Years with Other Firms: 2

**HYDROGRAPHER
 EQUIPMENT SPECIALIST
 NAVIGATOR/SAMPLING TECHNICIAN
 WEB DESIGNER**

AREAS OF SPECIALIZATION

- Hydrographic & Geophysical Surveys
- Vibrocore, Grab & Water Quality Sampling
- Oceanographic Mooring Operations
- Equipment/Computer Specialist

EDUCATION

2006 CPR & First Aid Training
 2005-present OSHA 40-hr HAZWOPR Health and Safety Training and 8-hr Refreshers
 2004 Cornell University, College of Agriculture and Life Science, Ithaca, NY
 B.S. in Science of Earth Systems, Concentration: Ocean Sciences, May 2004
 1998 and 2000 PADI Certification Open Water and Advanced Open Water SCUBA certification

PROFESSIONAL SOCIETIES/AFFILIATIONS

Estuarine Research Federation

WORK HISTORY

CR Environmental, Inc., Falmouth, MA	Oceanographic Technician	2005 - present
Cornell Univ. Hospital for Animals, Ithaca NY	Computer Support Technician	2004
Dept. of Natural Resources Cornell University, Ithaca, NY	Plant Ecology Research Scholar	2003 - 2004
Dept. of Earth and Atmospheric Sciences, Cornell University, Ithaca, NY	Part-time Student Researcher: Programming, Literature Reviews, Satellite Imagery	2000-2003
USGS, Leetown Science Center, Leetown, WV	Fisheries Research Volunteer	Summers 1998-99

SUMMARY OF PROFESSIONAL EXPERIENCE

At CR Environmental, Mr. Perrone is primarily involved in near coastal survey and sampling projects, and providing navigation, computer and oceanographic instrumentation support. He has worked primarily in New Bedford Harbor, MA; the Housatonic River, CT, and the Hudson River, Onondaga Lake and greater New York City areas of New York. Projects have involved vibrocore, bathymetric, sub-bottom, side-scan and magnetometer surveys, water quality and sediment grab sampling. He has also conducted several mooring retrievals and deployments in the Gulf of Maine and Long Island Sound for the NEACE's DAMOS program.

Technical/Field Skills

- GPS (Garmin, Furuno, Trimble GPS Units and computer interface)
- Proficient with Windows, MacOS, familiar with Unix, Linux
- Data entry and analysis using Excel and Access
- Equipment maintenance and troubleshooting (laboratory and office)
- Safe operation of hand and power tools
- Troubleshooting and maintenance of marine, automotive and small engines (2-stroke and 4-stroke)
- Marine electrical component installation and repair
- Adobe graphics programs, extensive PC and Macintosh hardware knowledge

- HTML, CSS, XML website coding experience
- Basic knowledge of statistical tests
- Trawl and driftnet collection for organisms
- Care of fish, bivalves and other invertebrates for experimental purposes
- Dissection of various invertebrate phyla (marine and terrestrial), as well as marine chordates
- Field pH and conductivity probes (YSI, Orion, and Fisher Scientific)
- Water quality and soil chemistry analyses

RELEVANT PROJECT EXPERIENCE

Oceanographic Technician/Navigator, Dredged Material Disposal Sites

Assisted with lobster surveys in RI Sound, navigator for SPI operations DAMOS marker buoy deployments and recoveries for several dredged material disposal sites throughout New England waters (DAMOS)

Oceanographic Technician, Sediment Sampling and Coring for Environmental Pollutants

Push coring in New Bedford Harbor, New Bedford, MA-ENSR and Battelle
 Thames River vibrocore for ecorisk assessment at Electric Boat, Groton, CT-Woodard & Curran
 Housatonic River grabs for Devon Generating Station, Devon, CT-Shaw Environmental
 Housatonic River vibrocore for ecorisk assessment, Milford, CT-Shaw Environmental
 Sediment sampling and Vibrocoring, BASF-Hudson River, Albany, NY-ENSR

Hydrographic Surveyor, Freshwater and Marine Systems

Sidescan, subbottom, magnetometer and bathymetric survey Onondaga Lake, Syracuse, NY-Parsons
 Sidescan, subbottom, magnetometer and bathymetric survey Anacostia River, Washington DC-CH2Mhill
 Sidescan, subbottom, magnetometer and bathymetric survey Roosevelt Island, East River, NYC-DTA
 Shallow water estuary bathymetric surveys of various sites across MA UMASS
 Bathymetric survey Newtown Creek, Paerdegat Basin, Fresh Creek, NY City-Greely and Hanson
 Bangor-Brewer Rail Bridge Survey Bangor, ME-Construction Divers

Oceanographic Technician, Water Quality Monitoring

CTD survey Hudson River, Newburg, NY for Malcolm Pirnie
 Dredge turbidity monitoring survey, Gloucester, MA-Metcalf & Eddy

Website Designer

Northeast Regional Dredging Team Website (www.nerdt.org)
 CR Environmental Company Website (www.crenvironmental.com)

CONTRIBUTED POSTERS AND PRESENTATIONS

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| 2004 | Cornell Presidential Research Scholars Poster Presentation, <i>Nutrient Effects on Species Diversity of Bryophytes</i> |
| 2000, 1999, 1998 | Junior Sciences and Humanities Symposium Oral Presentations
Nationals, first place in biology 1999 |