



**CHRISTOPHER F. WRIGHT**

CR Environmental, Inc. August 1999 to present  
Years with Other Firms: 6

**ACOUSTIC ENGINEER  
INVERTEBRATE ZOOLOGIST  
BIOLOGICAL STATISTICIAN  
ENVIRONMENTAL RISK ASSESSOR  
HYDROGRAPHIC SURVEYOR  
GIS/EQUIPMENT OPERATOR**

**AREAS OF SPECIALIZATION**

- Sub-bottom, Side-scan and Bathymetric Surveys
- Invertebrate Taxonomy and Ecology
- Ecological Risk Assessment
- Wetland Resource Evaluations and Mapping with DGPS
- Computer Skills - HYPACK, Surfer, MicroDEM, certified ESRI ArcView (GIS).  
SPSS, InStat, misc. multivariate stats programs, programs for eco. risk assessment.  
Web design & HTML. USGS geochemical software (PHREQ,WATQ4).

**EDUCATION**

- 1994-98 Post-baccalaureate coursework in Soil Mapping and Morphology, Wetlands Ecology and Environmental Microbiology.
- 1995 OSHA 40-Hour Health & Safety Training Course (per 29 CFR 1910.120), yearly 8-hr refresher courses.
- 1994 UMASS at Lowell, B.A., cum Laude in Environmental Science (Conc. Biology), Award for Outstanding Achievement in Environmental Science, Sigma Gamma Epsilon Honor Society (Earth Science)

**PROFESSIONAL AFFILIATIONS**

Hydrographic Society of America  
New England Society for Risk Analysis  
Marine & Oceanographic Technology Network  
Massachusetts LSP Association  
North American Benthological Society

**PROFESSIONAL EXPERIENCE**

CR Environmental, Inc., E. Falmouth, MA Aug 1999 - present  
GZA GeoEnvironmental, Inc., Newton Upper Falls, MA\_ Nov 1994 – Dec. 2000  
Veryfine Corporation (U. Mass. Lowell Research Foundation), Westford, MA\_ May 1993 – Nov. 1993  
Mass. Department of Environmental Protection, Water Supply Division June 1992 – Oct. 1992

**REPRESENTATIVE PROJECT EXPERIENCE**

- As an Environmental Scientist, Hydrographer and Geospatial Data Analyst with CR Environmental, Mr. Wright has participated in ecological and geophysical surveys of several water bodies, including the Neponset River, Housatonic River, and New Bedford Harbor in MA, Jamaica Bay and Mamaroneck Harbor in NY, and Allen Harbor in Narragansett Bay, RI. Mr. Wright's primary survey responsibilities usually include: coordination of onboard survey activities; operation of navigation equipment/software, survey equipment (fathometer, side-scan and sub-bottom sonar, magnetometer); data processing; and preparation of final plots, charts and other deliverables. He is also involved in macroinvertebrate surveys of lakes, vernal pools, and the characterization of freshwater systems.
- In the Environmental Risk Management Group at GZA, his primary responsibilities were as a Biologist/Ecologist and included: bioassessments of aquatic and wetland soil macroinvertebrate communities; ecological risk characterization; terrestrial and aquatic food web modeling; wetlands delineation, permitting and restoration; and DGPS mapping, data processing, and final report preparation. He also designed and managed a microbiology laboratory used for bioremediation feasibility studies.
- While an Aquatic Ecologist/Benthic Ecologist at Veryfine he coordinated and conducted extensive multi-seasonal benthic macroinvertebrate bioassessments. Tasks included field sampling/habitat characterization, taxonomy, and statistical data analysis of biological, chemical and physical parameters to quantify the effects of treated process water on the receiving aquatic ecosystems.



- While at MA DEP on a Housatonic River Survey his responsibilities included: inorganic chemistry, preparation of standards, lab maintenance, quality control, and Chain of Custody sample handling.

## PUBLICATIONS

Ryther, J.H., S.G. Harris, C.F. Wright. 1998. New York Catskill Reservoir Surveys - Application of Marine Technology to Freshwater Reservoirs; Surveys of and Bottom Samples from Seven Reservoirs Obtained. *Sea Technology* Inland Water Feature, May 1998.

Schaffner, I.R. Jr., J.M. Wieck C.F. Wright, M.D. Katz, and E.W. Pickering. [Microbial Enumeration and Laboratory-Scale Microcosm Studies in Assessing Enhanced Bioremediation Potential of Petroleum Hydrocarbons](#). Proceeding of the 11th Annual Conference on Contaminated Soil, October 21-24, 1996, University of Massachusetts Amherst.

Wright, C., "Investigation of Environmental Impact of Veryfine Wastewater Effluent on Reedy Meadow Brook and Mill Pond," U. Mass. Lowell Research Foundation, November 1993.

Wright, C., "A Review of Phosphorous Budget Models Predicting Loading Rates and Trophic Status of Lakes: Application of Models to Long Sought for Pond in Westford, Massachusetts," Town of Westford, October 1993.

Wright, C., "Research and Investigation of Design and Evaluation Techniques for Wetland Replication Projects," Massachusetts Association of Conservation Commissions Library, June 1993.