

RESUME

Richard L. Pastore P.E.

EDUCATION

Worcester Polytechnic Institute, BS Civil Engineering, 1972
Environmental and structural concentration

Worcester Polytechnic Institute, M.S. Civil Engineering, 1974
Environmental concentration

University of Rhode Island, Post Graduate Studies -
Hydrogeology, hydrology, geotechnical and structural engineering,
soil science, biological and oceanographic sciences, innovative/alternative sewage treatment technologies,
geosynthetic soil reinforcement

PROFESSIONAL EXPERIENCE:

Registered Professional Engineer - Rhode Island, Mass. & CT.
Rhode Island Class III OWTS Designer
Rhode Island Class IV Soil Evaluator
Massachusetts Title V ISDS Designer and Soil Evaluator
Connecticut ISDS Designer
Registered Builder - Rhode Island (to 1993)

September 1988 - Present

President, RP Engineering, Inc., North Kingstown, RI

Environmental/Structural/Civil/Marine engineering consulting company
involved in:

I. Engineering Consultant to Municipalities

Town of Jamestown - Served as engineering consultant to Planning Dept, Building Inspector and Public Works Dept. Provided council in the development of the High Groundwater Ordinance for ISDS siting and stormwater control.

Town of Exeter - Serves as engineering/planning consultant to Planning Commission and performs site inspections for conformance to approved land development plans for Planning Department.

Town of Charlestown - Served as engineering and coastal pond consultant to Zoning Board with respect to development impacts in the CRMC SAMP regions.

Town of Barrington - Developed wellhead protection ordinance.

II. Wastewater Treatment

Designed more than 150 innovative/alternative (FAST, Advantex, Bioclere, Eljen) and conventional septic systems ranging from small residential applications (300 gallons per day) to large high-strength waste, commercial systems (41,000 gallons per day). Designs of low pressure and gravity sewer systems. Conducts testing and design review of residential and commercial septic systems.

III. CRMC, RIDEM and US Army Corps Permitting

Developed designs and permitting applications for marinas, coastal protection structures, wetlands projects, dredging and dredge spoil disposal and residential/commercial construction within A and V flood zones.

IV. Hazardous Waste / Materials

Conducts Phase I environmental site assessments and Phase II And III subsurface contamination investigations and remediations. Provides

oversight of underground storage tank installation and closures including remediation of leaking tank contamination.

V. Structural Design

Provides structural design in wood, steel and reinforced concrete, including multi-story commercial and residential buildings, foundations, retaining walls, coastal protection structures, pile foundations, wind load specifications, marine docks and segmental block retaining walls. Design and supervision of building resupport for subsurface hazardous materials remediation and foundation replacements.

VI. Building Inspections

Inspected structural, HVAC, water and waste, and electrical systems of more than 600 residential and commercial buildings, including extensive diagnoses of post construction problems in residential construction.

VII. Groundwater and Potable Well Studies

Developed Barrington, RI's wellhead protection program/ordinance. Conducts assessments of bacterial and chemical contamination of residential and commercial wells including development of remediation plans. Conducts investigations of ground water contamination from releases of petroleum and hazardous materials.

VIII. Stormwater Control/ Drainage

Designed stormwater control and treatment systems for industrial, residential and agricultural sites in conformance with local, state and Federal regulations.

IX. Residential Subdivisions and Land Development

Conducts reviews to determine suitability of land development plans and proposes solutions to promote wise use of available land. Develops designs for residential subdivisions and land development plans including affordable housing.

X. Capital Retirement Studies:

Prepares analyses of existing capital assets, life expectancy, repair or replacement costs and annual sinking fund contributions for residential and commercial building complexes.

XII. Expert Testimony:

Provides expert witness in matters regarding construction and building investigations, structural investigations, hazardous waste and leaking underground fuel tanks, ground water pollution and waste water disposal, septic system designs, storm water control and drainage, land development impacts and coastal development before RI Superior Court, Providence Housing Court, RI Board of Contractors Registration, zoning and planning boards and town councils throughout Rhode Island.

1988-1995

President - Integrated Property Inspections, Inc., North Kingstown, RI

Operated one of the first residential and commercial building inspection companies in Rhode Island.

1974-1988

Environmental Engineer, US Environmental Protection Agency, Region I Boston, MA

Directed programs involving marine and fresh water pollution, wastewater discharge permitting (NPDES), water quality planning, dredge spoil disposal and marine sediment investigations, development of dredge material disposal criteria, oceanographic and estuarine studies of pollutant movements and impacts on fisheries and shellfish resources, non-point source control of impacts from commercial, industrial, agricultural and construction activities, development of regulations for and review of environmental impact statements.

Initiated and served as the first project officer for the Narragansett Bay Estuarine Program. Served as the chief scientist aboard the EPA research vessel OSV Anderson investigating marine sediment quality, shellfish and fisheries resources in Massachusetts and Rhode Island.

PROFESSIONAL /COMMUNITY AFFILIATIONS:

2012 - present RI Society of Structural Engineers
1991- 2011 North Kingstown Planning Commission (Chair 2000-2011)
2010 - 2013 Member - Save the Bay Board of Directors
2008- 2011 Member - Quonset Development Corp Board of Directors
(As North Kingstown Town Council representative)
2009 Chair - Wickford Elementary/Beachwood House Reuse Comm
2006-present Member - Save The Bay Program and Policy Committee
2004-present Member - RI Salt Water Anglers Association
2000-2011 President - Concerned Communities Coalition, Inc.
(Quonset container port opposition group)
1998-2009 Assistant Coach - NK High School Weight Training Program
2006 Principal - We The People (casino opposition group)
2005 Member - Carcieri Admin. Narragansett Bay Nutrient Advisory Panel
2004 Member - Carcieri Administration Environmental Transition Team
1998 Member - NK High School Building Committee
1998 Member - NK High School Science Advisory Committee
1990-1996 Assis. Coach - Warwick Junior Hockey League
1989-1993 Chairman - North Kingstown Wastewater Management Committee
1988 Member - NK Town Hall Annex Committee
1988 Assis. Coach - NK Little League
1986-1988 Chairman - North Kingstown Solid Waste Disposal Citizens Advisory Comm
1983-1985 Member - Narrow River Watershed Citizens Advisory Comm