

## **KRISTIE L. RABASCA**

### EDUCATION

Colorado College – B.A. Mathematics, 1985

Rensselaer Polytechnic Institute – B.S. Environmental Engineering, 1987

### PROFESSIONAL REGISTRATION

Professional Engineer - Maine, New Hampshire, New York

### EMPLOYMENT HISTORY

Currently from 2007 - Sevee & Maher Engineers, Inc.; Sr. Environmental Engineer 2007

from 2002 – Jacobs Edwards and Kelcey,

Portland, Maine; Sr. Environmental Engineer

1998 from 1987– MACTEC Engineering and Consulting, Inc.,

Portland, Maine; Sr. Environmental Engineer

### CERTIFICATIONS

Leadership in Energy and Environmental Design (LEED) Accredited Professional OSHA  
29 CFR 1910.120 Hazardous Waste Site

### EXPERIENCE

Executed and directed environmental compliance and remediation projects, including preparation of Spill Prevention Control and Countermeasure (SPCC) Plans, Stormwater Pollution Prevention Plans (SWPPPs), and regulatory environmental compliance audits for over 20 facilities in Maine and New Hampshire. To complete these projects, Ms. Rabasca conducted facility inspections, reviewed environmental records, and evaluated and summarized regulatory compliance issues. Managed Stormwater Phase II programs for eight municipalities in Maine and New Hampshire. Coordinated staff to complete illicit discharge detection inspections, conduct stormwater pollution prevention audits, complete public education, and evaluate municipal ordinances for stormwater friendly practices.

Typical projects in various areas of expertise include:

- Lead Engineer for seven Municipal Separate Storm Sewer System (MS4) projects. Primary author of the five-year stormwater management plan for these municipalities. Facilitated the municipal stakeholder meetings for the communities which require developing an understanding of the water quality and stormwater issues specific to the MS4 receiving waters. Coordinated GIS mapping of the municipal outfalls for four of the communities, and assisted all the communities in implementing ordinance changes and pollution/prevention good housekeeping measures.

- Assisted the Town of York in obtaining a \$2,000,000.00 FEMA grant to mitigate flooding at York Beach. Primary author of grant, completed all technical computations for Benefit Cost Analysis.
- Developed outline and content for Stormwater Phase II Guidance documents:
  - *Guidelines and Standard Operating Procedures Manual for Phase I Communities in Maine (2005).*
  - *Guidelines and SOPs for IDDE and Pollution Prevention Good Housekeeping for Stormwater Phase I Communities in New Hampshire (2006).*
 Created and delivered 14 training sessions to over 300 municipal employees in the states of Maine and New Hampshire to familiarize them with the content of the manual.
- Developed Compensation Fee Utilization Plan for Concord Gully Brook and Frost Gully Brook (South Portland, Maine). Directed development for Compensation Fee Utilization Plans for the Long Creek Watershed (City of South Portland, Maine) and Hart Brook Watershed (Lewiston, Maine). Developed a plan to allow the cities to accept Compensation Fees for developments in the areas that trigger the Maine Urban Impaired Stream Standard of the new Stormwater Management Rules (Chapter 500).
- Coordinated a targeted stormwater system infrastructure inventory assessment for condition and illicit discharge potential using a paperless data collection technique for the City of Portsmouth, New Hampshire. Used the infrastructure inventory and regulatory reviews to develop operation and maintenance and capital improvement plans for storm drain infrastructure for immediate (18 month), 5-year, 10-year, and 15-year time frames.
- Completed SWPPPs for 15 separate municipal and industrial clients in Maine and New Hampshire. As required by the Multi-Sector General Permit for Industrial Activities, prepared a SWPPP which identified areas where stormwater is exposed to pollutants and defined best management practices that should be implemented to protect stormwater from potential pollution sources.
- Prepared and reviewed over 20 Environmental Compliance Audits and SPCC Plans.
- Coordinated and oversaw removal of one 5,000-gallon No. 6 underground storage tank and 875 tons of petroleum-contaminated soil for industrial manufacturing client.

## PROFESSIONAL ACTIVITIES

Society of Women Engineers, Maine President 1997 to 2002, Current Member  
 American Society of Civil Engineers, Member  
 Maine Society of Professional Engineers, Member  
 Institute for Civic Leadership, Omicron Class