



## **DEBRA A. BELL**

### **Senior Project Manager**

Debra is responsible for project management, permitting, engineering design and technical expertise. She coordinates with clients and other disciplines as well as interacts with regulatory agencies. She also provides engineering design, gathers field information, and attends public hearings. Her skills include:

#### **Skills Summary**

- **Project Management** – Oversees all aspects of site related commercial and residential development projects.
- **Permit Acquisition** – Local and state approvals including Act 250, subdivisions, zoning, wastewater and water supply, wetlands and stormwater.
- **Site Planning & Design** – Roadways, parking facilities, commercial parks, industrial parks and residential development projects.
- **Sanitary Engineering** – Soil and percolation testing. Design and analysis of on-site wastewater disposal systems including conventional, mound systems, sand filters, textile filters. Design of gravity and pressure sewers. Residential, commercial and municipal pump station design.
- **Stormwater Management / Hydraulic Engineering** – Design of various stormwater systems including open channels, closed pipe systems, detention facilities, best management practices, hydraulic analysis and hydrologic computer modeling.
- **Construction Phase Services** – Prepares addendums, shop drawing reviews, contractor/owner coordination, performs field observation, oversees site meetings, and performs cost estimating for projects.
- **Site Lighting** - Design and photometric analysis using computer modeling.

#### **Work History**

Prior to joining Trudell Consulting Engineers in 1988, Ms. Bell worked as a Project Engineer for an engineering, survey and design firm, Holden Engineering, and Pike Industries, in New Hampshire. She has extensive design and project experience on site related private, and public projects.

#### **Professional Registrations & Affiliations**

- **Site Technician B**– State of Vermont

#### **Education**

- **Associates in Civil Engineering**  
Vermont Technical College, Randolph Center, Vermont
- **Keene State College**  
Keene, New Hampshire
- **Aspen University** – Project Management