

# Expert Resumes



# DiPrete Engineering

## David A. Russo, PE

Project Manager

### Years Experience

18

### Professional Registrations

State of Rhode Island  
Professional Engineer,  
Registration No. 1355

State of Massachusetts  
Professional Engineer,  
Registration No. 49583

State of Rhode Island  
Class III Designer,  
License No. D3049

### Education

University of Rhode  
Island Bachelor of  
Science- Computer  
Science, 2004

University of  
Rhode Island  
Master of Science  
- Civil/Environmental  
Engineering, 2008

### Profile

Mr. Russo joined DiPrete Engineering in 1998 through a high school internship. David achieved a Bachelor's of Science in Computer Science and a Master's of Science in Civil & Environmental Engineering at the University of Rhode Island.

As one of the firm's Project Managers, David is responsible for all aspects of a project including client management, scoping, engineering design, oversight of staff, and public presentations. David enjoys working with his clients to ensure he meets their needs and delivers a quality project.



### Work Experience

- Over 15 years of experience with environmental planning and design, including hydrology analysis, stormwater management, and regulatory permitting.
- Over 15 years experience with sewer design including onsite wastewater treatment systems design, gravity sewer systems, and low-pressure sewer systems.
- Project management including design, oversight, and scheduling for technical staff.
- Due diligence, site design, and environmental and land-use permitting associated with development and installation of commercial-scale ground-mounted solar systems.
- Preparation and review of city and town zoning and subdivision regulations for residential, commercial, and industrial development permitting.
- Preparation and presentation at project meetings and public hearings including planning and zoning boards.
- Supervision and design for land development projects including roadway, water, sewer and septic, drainage and stormwater management systems.
- Permitting experience with the Rhode Island Department of Environmental Management, Coastal Resource Management Council, and Rhode Island Department of Transportation.

### Project Experience

- [Gold Meadow Farm](#) – Environmental, land-use permitting, site engineering, and surveying for a 21.5-megawatt solar farm on 108 acres in Cranston, RI.
- [A Street Landfill Solar Farm](#) – Land-use permitting, site engineering, and surveying for a 3-megawatt solar farm on a capped landfill in Johnston, RI.
- [North Avenue Solar](#) – Due diligence consisting of wetland delineation, soil evaluations, tree height/location analysis, site engineering, and permitting for a 2.5-megawatt solar farm in Attleboro, MA.
- [Alton Road Solar Farm](#) – Wetland delineation, soil evaluations, tree height/location analysis, site engineering, permitting, and construction assistance for a 13.8-megawatt solar farm in Hopkinton, RI.
- [Bronco Solar Farm](#) – Soil evaluations, wetland delineation, permitting, and surveying for a 2.5-megawatt solar farm in Burrillville, RI.
- [Snake Hill Road Solar](#) – Site engineering and permitting for a < 5-megawatt solar farm in Glocester, RI.
- [Cranberry Ridge Solar](#) – Site engineering and permitting for a 1-megawatt solar farm in Glocester, RI.

## **JOHN C. CARTER**

John C. Carter & Co. , Inc.  
960 Boston Neck Road  
Narragansett, RI 02882

### **PROFESSIONAL REGISTRATIONS**

Registered Landscape Architect,  
Rhode Island #206  
Connecticut #735  
Massachusetts #1229

Soil and Water Conservation Society - Certified Professional Soil Erosion  
and Sediment Control Specialist #687

Rhode Island Licensed Arborist #2497

### **EDUCATION**

University of Rhode Island, Kingston, RI  
Bachelor of Science, Natural Resources 1977

Rhode Island School of Design, Providence, RI  
Bachelor of Fine Arts, 1984  
Bachelor of Landscape Architecture, 1985

### **PROFESSIONAL EXPERIENCE**

**John C. Carter & Company, Inc.** Narragansett, RI  
Principal Landscape Architect, 1998 - present.

Landscape architecture including residential and commercial landscape design, land use planning, environmental permitting, cost estimating and construction management.

**Adjunct Professor – University of Rhode Island**

Adjunct Professor in the Department of Landscape Architecture 2013 - 2015

**Nicole Mulanaphy, P.E.**  
**Senior Project Manager / Regulatory Specialist / Environmental Engineer**

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**EXPERIENCE**

20 Years

**EDUCATION**

2007 - Master of Science, Environmental Engineering, University of Rhode Island

2000 - Bachelor of Science, Chemical Engineering, University of Rhode Island

**SUMMARY OF PROJECT EXPERIENCE**

Ms. Mulanaphy is a Senior Project Manager and Rhode Island Registered Environmental Engineer with ample experience working in the state of Rhode Island. She has expertise in various fields such as air quality permitting, indoor and ambient air quality assessments, environmental noise assessments, reporting and emergency response preparedness, and waste management compliance and utilization. In addition, she is very well versed in New England states and USEPA/Federal regulations.

**SPECIFIC PROJECT EXPERIENCE**

- Senior Project Manager and Regulatory Specialist
  - Federal and State Resource Conservation and Recovery Act (RCRA) Compliance Audits.
  - Develop and implement Integrated Contingency Plan that consolidates multiple emergency response plans for releases of hazardous material.
  - Implement and maintain hazardous waste management programs.
  - Preparation of wastewater control plan for non-routine discharges (e.g. accidental spill) that would violate the wastewater treatment ordinances, local limits or permit conditions.
  - Develop facility Standard Operating Procedures (SOPs) for environmental compliance, such as Used Oil Management Plans, and RCRA training plans.
  - Air quality permitting and compliance testing, from sources such as new chemical processes, pollution control equipment and incinerators.
  - Solar Farm environmental noise assessments, monitoring and modeling, for evaluations against local zoning noise ordinances.
  - Indoor air quality and drinking water quality assessments, including carcinogenic risk estimates from inhalation and consumption.
  - Environmental Assessments to evaluate environmental consequences (positive and negative) for anthropogenic activities (e.g. chemical manufacturing facility, metal shredding operations, solar farm development, etc.).
  - Environmental compliance support and permitting for cogeneration operations from anaerobic digestion.
  
- Director of Product Development
  - Manage development group focused on complex model development (Python, FORTRAN, MatLab) and graphical interface design (Visual Basic and Java). Models specialize in transport and fate of material on/in the water and in the air.
  - Responsible for managing half a million dollar budget and six technical staff.
  - Research and write proposals, business development plans, technical publications, documents and reports.
  - Subject matter expert in oil and chemical processes when released into the environment (air, water, soil).
  - Environmental Impact, Consequence and Cost Benefit Assessments for the energy sector (oil, gas and wind)

## Nicole Mulanaphy, P.E. (continued)

- Develop training curriculum and conduct training courses in chemical and oil modeling as well as in the use of air dispersion models (AIRMAP), chemical dispersion models (CHEMMAP), oil spill impact models (SIMAP), and oil spill models (OILMAP).
  - Completion of studies in modeling techniques for oil and chemical processes in the environment.
  - Chemical and oil fates and effects modeling for emergency spill response, contingency plans, environmental risk and impact assessments and natural resource damage assessments for U.S and international clients. Geographic Information Systems (GIS) environmental data analysis, mapping and management.
- Environmental Safety Engineer
- Responsible for maintaining environmental compliance (air, water, waste) for an organic chemical processing facility.
  - Educated site employees on applicable federal and state environmental regulations and compliance.
  - Assessed hazardous waste management and analyzed methods to reduce and reuse waste streams.
  - Compiled all air emission calculations for all processes running at the facility and ensured compliance with all applicable Federal and State regulations.
  - Responsible for maintaining site air permits as well as new registrations and air permits necessary for facility operations.
  - Prepared all end of the year environmental reports, such as RI Air Inventory and EPA Biennial Reports.
- Environmental Process Engineer
- Responsible for assessing potential pollution prevention opportunities for various industries.
  - Performed on-site inspections at various industries (such as Pharmaceutical, Textiles, Metal Finishing, Electroplating and Foundries) and made recommendations to change processes with a goal of reducing waste and pollution.
  - Designed and modified wastewater equipment based on the client company's needs to reduce sewage discharge and pollution.
  - Set up and pilot test recovery technologies including Electrolytic Recovery, Membrane Filtration, and Diffusion Dialysis.
  - Conducted tests using Gas Chromatography, Atomic Adsorption, Spectrophotometer and Turbidimeter; determined Chemical Oxygen Demand and Biological Oxygen Demand of samples.

## PROFESSIONAL MEMBERSHIPS

Rhode Island Professional Engineer  
American Institute of Chemical Engineers (past President)  
Rhode Island Society of Environmental Professionals (past President)  
Environmental Business Council

PIMENTEL CONSULTING, INC.  
Edward Pimentel, AICP  
26 Avon Road  
Cranston, Rhode Island 02905

(401) 529-0647 – Cellular  
Tax ID No. 56-2331684  
on-line: [edaicp@yahoo.com](mailto:edaicp@yahoo.com)

### **SUMMARY of QUALIFICATIONS**

Forward-thinking, pragmatic urban planning professional with twenty (20+) years of practical experience. Skilled in a variety of neighborhood and commercial planning and zoning activities, frequently in a supervisory or managerial capacity. Solid track records with proven effectiveness in, but not limited to, the following areas:

- ⇒ **Zoning Boards of Review**
- ⇒ **Community Planning and Consulting**
- ⇒ **Planning Boards / Commissions**
- ⇒ **Subdivision Review and Planning**
- ⇒ **City / Town Councils**
- ⇒ **Superior Court**
- ⇒ **Code Enforcement**
- ⇒ **Residential, Commercial and Industrial Development**

### **SELECTED EXAMPLES of ACCOMPLISHMENT**

- Testified before numerous boards, commissions and councils on matters of residential, commercial, and industrial development, as well as changes / amendments to Zoning Ordinances and Comprehensive Plans.
- Testified before Municipal and Superior Court on matters of code enforcement and general land use planning.
- Authored various documents including Cost of Community Services Study, Revitalization Plans, Zoning Ordinances, Comprehensive Plan Amendments and the first Telecommunications Ordinance in the State of Rhode Island.
- Responsible for reviewing all development associated with the Quonset Point / Davisville Industrial Park, an approximately 3,500 acre industrial park, site of the former Sea Bee Navy Base, numerous mill rehabilitation projects, including Pocasset Mill, Johnston, RI (Comprehensive Plan Amendments).
- Responsible for reviewing numerous residential subdivisions, especially expert in the field of Comprehensive Permits (Affordable Housing). Work product cited by the Rhode Island Supreme Court.
- Represented clients before numerous Zoning Boards of Review throughout the State of Rhode Island, on a variety of variance and special use permit petitions, with a greater than 90% success rate.
- Extensive energy and renewable energy projects, including solar, wind and gas-fired eccentric generating assets.

**EDUCATION**

MASTERS OF COMMUNITY PLANNING AND DEVELOPMENT  
University of Rhode Island - Masters Received 1994

University of Florida - Studied City Planning - 1991 / 1992

BACHELOR OF ARTS – URBAN AFFAIRS; MINORS IN MATHEMATICS AND PHILOSOPHY  
University of Rhode Island - BA Received 1990

ACCREDITATION: AMERICAN INSTITUTE of CERTIFIED PLANNERS – May 1996

**PROFESSIONAL EXPERIENCE**

**Land Use Consultant**  
East Providence, Rhode Island

PIMENTEL CONSULTING, INC.

**Zoning Officer**  
East Providence, Rhode Island

CITY OF EAST PROVIDENCE

**Consulting Town Planner**  
Barrington, Rhode Island

TOWN OF BARRINGTON

**Town Planner**  
Wayland, Massachusetts

TOWN OF WAYLAND

**Principal Planner**  
North Kingstown, Rhode Island

TOWN OF NORTH KINGSTOWN

**Assistant Planner**  
East Providence, Rhode Island

CITY OF EAST PROVIDENCE

**Planning Consultant**  
Newport, Rhode Island

NEWPORT COLLABORATIVE

**Planning Intern**  
Orange City, Florida

CITY OF ORANGE CITY

**RHODE ISLAND AIR NATIONAL GUARD**

Plans and Implementation Communications Specialist  
Rhode Island Air National Guard      1995 – Retired 2013

Security Police Officer  
Rhode Island Air National Guard      1987 – 1990

**CIVIC**

WGBH – Community Advisory Board Member  
Cambridge, Massachusetts 2000 - 2003

**SPECIAL SKILLS AND TRAINING**

- Fluent in Portuguese



**QUALIFICATIONS OF THOMAS O. SWEENEY, SIOR**  
REALTOR AND APPRAISAL SPECIALIST

*Engaged in Real Estate business since 1983:*

Principal, Sweeney REAL ESTATE & APPRAISAL  
Vice President, RODMAN REAL ESTATE (1996 – 2010)  
Executive Vice President, HENRY W. COOKE CO. (1983 - 1996)

*Certified General Real Estate Appraiser:*

Rhode Island Certification No. CGA.0A00217

*Licensed Real Estate Broker:*

Rhode Island Real Estate Broker's License Number B13444  
Commonwealth of Massachusetts Real Estate Broker's License # 137525

*Member:*

Industrial Specialist Designation, Society of Industrial and Office Realtors (SIOR)  
National Association of Realtors (NAR)  
Rhode Island Association of Realtors (RIAR)  
Rhode Island Commercial and Appraisal Board of Realtors (RICABOR)

*Graduated from:*

Providence College with a Bachelor of Arts Degree in Political Science.

*Successfully completed the following courses and examinations:*

Society of Real Estate Appraisers:

Course 101: Introduction to Appraising Real Property  
Course 102: Applied Property Valuation  
Course 201: Principles of Income Property Appraising  
Course 202: Applied Income Property Valuation  
Seminar: Narrative Report Seminar  
Seminar: How to Appraise Apartments  
Seminar: Overview of Income Capitalization

American Institute of Real Estate Appraisers:

Course 1A1: Real Estate Appraisal Principles  
Course 1A2: Basic Valuation Procedures

Appraisal Institute

Standards of Professional Practice, Parts A & B  
Seminar: Feasibility Analysis & Highest and Best Use Analysis

*Qualified Expert Witness:*

**QUALIFICATIONS OF THOMAS O. SWEENEY, SIOR**

Qualified as a Real Estate Expert to Testify in Superior Court & Family Court,  
State of Rhode Island

Qualified as a Real Estate Expert to Testify in Federal Bankruptcy Court, Federal  
District Court.

Zoning Boards of Review:

Cities of Providence, Warwick, Cranston, East Providence, Woonsocket,  
Newport and Pawtucket.

Towns of Smithfield, Johnston, North Providence, Lincoln, Barrington,  
Scituate, Glocester, Foster, Burrillville, East Greenwich, Coventry,  
Hopkinton, West Warwick, Cumberland, Middletown, North Kingstown,  
South Kingstown, Westerly, Hopkinton, Richmond Warren and Bristol

*Appraisals for Attorneys, Business and Homeowners*

*Clients include:*

United States Small Business Administration

State of Rhode Island

Department of Transportation, Real Estate Division

Department of Administration

Department of Environmental Management

City of Providence

Water Supply Board

Department of Planning and Development

Department of Public Property

Resource Recovery Corporation

Narragansett Bay Commission

Providence Redevelopment Agency

Federal National Mortgage Association

**QUALIFICATIONS OF THOMAS O. SWEENEY, SIOR**

*Clients, continued:*

Bank of America  
Citizens Bank  
Home Loan and Savings Bank  
Washington Trust  
Freedom National Bank  
Bank Rhode Island  
GTECH Corporation  
Merrill Lynch Relocation  
Hinckley, Allen & Synder  
Moses and Ryan  
Darrow\Everett  
Adler, Pollock and Sheehan  
Partridge, Snow and Hahn  
Robinson Cole  
Nixon – Peabody  
Moonan, Stratton and Waldman  
Chase, Ruttenberg and Freedman  
Kaiser Aluminum  
Benny's Stores  
Christmas Tree Shops  
Ferland Corp.  
Tenneco Gas  
National Grid



## **Natural Resource Services, Inc.**

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### **SCOTT P. RABIDEAU, PWS President and Principal Biologist**

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## **EXPERIENCE**

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### **President/Principal Biologist**

1987–Present

*Natural Resource Services, Inc., Harrisville, RI*

- NRS is a private environmental consulting firm specializing in freshwater and coastal wetland studies in Rhode Island and Massachusetts. The company was started in 1987 and has been in continuous operation since that time. Experience within the company includes wetland delineations, designing replacement wetlands, restoring wetlands, wildlife habitat evaluations, permitting alterations through state and federal agencies, representation at public hearing and expert testimony.

### **Soil Scientist**

1989–1990

*Project Earth Team, Middlebridge, MA*

- Project Earth Team was a volunteer program sponsored by the University of Massachusetts and the USDA, Natural Resource Conservation Service. The project required individuals to classify 1,000 acres of soils in Wareham, Massachusetts for the US Soil Conservation Service. Experience included both field work and aerial photo interpretation.

### **Wetlands Consultant**

1986–1987

*Drown and Rabideau Wetland Consulting*

- This partnership was formed in 1986 as a Massachusetts entity. The private environmental consulting firm specialized in wetland delineations, wetland evaluations, septic system designs and perc tests. Experience with the partnership included wetland delineations and evaluations.

### **Manager of Faxon Farm**

1982–1985

*Lincoln School, Providence, RI*

- The Lincoln School is a private K-12 girls school in Providence, RI. Faxon Farm is the urban school's off-site center for athletics. Experience at the school included managing a 32 acre environmental education center and athletic facility. Responsibilities included developing nature programs and managing wetland and upland habitat.

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## **EDUCATION**

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### **M.S. Business Management**

Jan. 1986

*Lesley College, Cambridge, MA*

### **B.S. Natural Resource Science**

May 1982

*University of Rhode Island, Kingston, RI*

### **Graduate Credit, Soil Science**

Jan. 1991

*University of Massachusetts, Amherst, MA*

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## **CERTIFICATIONS**

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### **Senior Professional Wetland Scientist #1410**

*Society of Wetland Scientists*

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## **ELECTED POSITIONS**

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### **State Representative, District 60**

1995-2002

*RI General Assembly, Burrillville, RI*

- Ranking minority member of House Committee on Environmental
  - Accountability
  - Ranking minority member of Committee on Judiciary
  - Ranking minority member, Joint Committee on Energy and the Environment
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## **PUBLIC APPOINTMENTS**

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### **Judicial Nominating Commission**

2014–Present

*State of Rhode Island*

- Appointed by Governor Lincoln Chafee. The JNC is responsible for vetting candidates seeking appointments to all state courts (Supreme, Superior, District, Family, Workers Compensation and Traffic). The commission meets a minimum of quarterly and as required during the year to fulfill the statutory mandate for providing the governor with qualified candidates for judicial vacancies.

### **Special Master, Superior Court**

2009–Present

### **Tillinghast v. RI Dept. of Environmental Management**

*State of Rhode Island*

- The court appointed the special master to act on its behalf to seek resolution of all matters in dispute between the defendant and the plaintiff. These matters are all of a technical nature related to freshwater wetland alterations.

### **Legislative Commission**

2013–2015

*Freshwater Wetlands Act Review*

- Appointed to the commission as a small business representative. The commission held hearings and heard testimony on changes to the R.I. Freshwater Wetlands Act. The commission prepared a final draft of a bill to replace the current statute. The act was passed by the General Assembly and signed into law by Governor Raimondo in July 2015.

### **Vice Chairman, Conservation Commission**

1983–1985

*Town of Rehoboth, MA*

### **Board of Sewer Commissioners**

2004–2008

*Town of Burrillville, RI*

*Chairman*

2006–2007

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## **PROFESSIONAL ORGANIZATIONS**

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### **The Wildlife Society**

1985–Present

*Investment Review Committee Member*

2013–Present

- The IRC meets on a quarterly basis to review the TWS Endowment Accounts and is responsible for adjusting the account allocations in conformance with the TWS Executive Committee's guidelines.

**RI Association of Wetland Scientists**

*Charter Member*

*President/Member of Board of Directors*

1993–1994

*Treasurer/Member of Board of Directors*

1992–1993

**Soil Science Society of America**

**Society of Wetland Scientists**

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**PHILANTHROPIC ORGANIZATIONS**

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**June Rockwell Levy Foundation**

2018–present

*Trustee*

**RI Forest Conservators Organization**

2001–2002

*Board of Directors*

**Ocean State Power Scholarship Foundation**

1995–2002

*Board of Directors*

**Ocean State Power Community Grant Foundation**

2001–2002

*Board of Directors*

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**EXPERT QUALIFICATIONS**

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**Wetland Delineations, Habitat Evaluations, Wetland Permitting**

- RI Department of Environmental Management
- Administrative Adjudication Division

**Wetland Delineations, Habitat Evaluations, Soil Science, Coastal Permitting**

- RI Coastal Resources Management Council

**Wetland Delineations, Habitat Evaluations, Soil Science**

- Superior Court, Worcester County, Massachusetts
- Superior Court, Bristol County, Massachusetts
- Superior Court, Fall River, Massachusetts

**Wetland Delineations, Habitat Evaluations, Soil Science, Wetland Permitting**

- Superior Court, Providence County, Rhode Island
- Superior Court, Kent County, Rhode Island
- Superior Court, Newport County, Rhode Island

