

**Melisa Demmett**

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917-386-4963

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### **Key Strengths**

- Organization and Time Management Skills
- Communication and Leadership Skills
- Interpersonal and Customer Service Skills

### **EDUCATION**

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**Master of Environmental Engineering Stevens Institute of Technology Hoboken, NJ May 2010**

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B.S Biology and Environmental Science      Stony Brook University      Stony Brook, NY      May 2006

Advanced Graduate Certificate in Environmental Waste Management      May 2007

### **Skills:**

Proficient in Microsoft Word, Excel, and PowerPoint  
40 Hour OSHA Certification – December 2010

### **PROFESSIONAL EXPERIENCE**

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Champion Learning Center , New York, NY  
Tutor Doctor, WyzAnt

December 2011- Present

#### **Tutor**

- ✓ Provide ELA, Science and Math tutoring for Middle and High School students
- ✓ Adapt to different student learning styles
- ✓ Correlate subject matter to real world applications.

The Shaw Group, Staten Island, NY

#### **Environmental Engineer**

July 2011- Present

- ✓ Assist in operations and maintenance of Fresh Kills Landfill Gas Recovery and Purification system
- ✓ Analyze, interpret and tabulate data
- ✓ Prepare regulatory and compliance reporting requirements under Title V Air Permitting to DSNY and NYSDEC.
- ✓ Prepare monthly maintenance and operational reports for Fresh Kills and Edgemere Landfill Gas Recovery systems.

Advanced Cleanup Technologies, Hicksville, NY

#### **Environmental Engineer/Scientist**

January –June 2011

- ✓ Conducted Phase I Environmental Site Inspections and Prepare Phase II Reports
- ✓ Analyze and tabulate data, verify accuracy of chains of custody and preservation of samples
- ✓ Sample collection, calibration of pH meter and analyses through multi-parameter device (Horiba) and Velocity Meter. Maintain accurate log book and field notes.

Suffolk County Water Authority, Hauppauge, NY

#### **Environmental Laboratory Field Technician**

May 2007-2010

- ✓ Conducted groundwater sampling and monitoring via sample stations
- ✓ Verify compliance chlorine residuals and pH in municipal water along distribution system
- ✓ Conducted quarterly sampling for volatile organic compounds and metals.

Environmental Assessment and Remediation, Patchogue, NY

#### **Environmental Field Technician**

January –May 2007

- ✓ Lead sampling technician, organized teams and procedures for daily protocol.
- ✓ Conducted groundwater sampling and logged multi-parameters with YSI.

