**Yohanna M. Pedraza Guzmán**

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**Qualifications**

Familiar with DEP Drinking Water regulation. Excellent skills as researcher in drinking water issues. Collecting data and organizing presentations with graphics and charts related with the subject. Experienced in working database, and having knowledge of water quality issues in MA. Understanding and following SOP of drinking water manganese regulation in Massachusetts. Good communication, good writing and speaking skills.

**Work Experience**

**MA; Department of Environmental Protection**  January 2015 - currently

Intern Drinking Water Project. Researching Manganese Health Effects in Drinking water

**Research instructor** 2009 - 2010

**National Pedagogical University, Bogotá Colombia**

Coded and analyzed data for research project called: "Teaching scientific phenomena through experiences"

**Chemistry and Biology Teacher** 2011 - 2011

**High School Liceo del Rio. Bogotá Colombia**

Developed lab workshops with the students and led field trips

**Project Presentation in National Colombia Contest entitled “Creating a sustainable green Colombia”** 2009

Presented final project: “Instructing High Scholars on the Significance of Biodegradable Plastics”

**Education**

**MassBay Community College, Wellesley Hills, MA**

Associate of Science, Environmental Expected: May 2015

GPA Overall: 3.84

Phi Theta Kappa, Honor Society (High GPA)

**Pedagogical National** U**niversity, Bogotá, Colombia**

Bachelor of Science, Chemistry 2010

**Major Related Courses**

Toxicology Environmental Policy

Principles of Environmental Science & Safety Physical Chemistry

Environmental Healthy & Safety Inorganic-Organic Chemistry

Environmental Microbiology Food Chemistry

**Skills**

**Laboratory Skills:** **Technical and other skills:**

Extraction, purification and electrophoresis Environmental monitoring

of DNA, RNA and proteins Wastewater treatment

Chromatography HPLC Proficiency in Microsoft Office Suite

Buffer and solutions preparation Microsoft Windows and Apple OS X

Sterilization techniques Fluent Spanish