

Newton Tedder

Career History & Accomplishments

Environmental Scientist, US Environmental Protection Agency (EPA) Region 1 – *Boston, MA.*

2010-present

- Lead permit writer and technical lead for the National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer (MS4) general permit covering stormwater discharges from 260 municipalities in Massachusetts. Responsibilities include the preparation of draft and final permit documents and resolving complex permitting issues by coordinating with the Office of Regional Counsel and State agencies. In addition, serve as the spokesman for the MS4 general permit and conduct information sessions to enhance public and permittee understanding of complex permit provisions and general stormwater management.
- Lead permit writer and technical lead for the NPDES Massachusetts Department of Transportation individual stormwater permit. Responsibilities include the preparation of draft and final permit documents and resolving complex NPDES permit and Massachusetts Wetlands Protection Act overlap issues through coordination with MassDOT and MassDEP.
- Technical lead for the NPDES Dewatering General Permit for dewatering discharges. Responsibilities include serving as the spokesman for the Dewatering General Permit and conduct technical review of Notice Of Intent applications for permit coverage
- Participated on the Regional Science Council at EPA Region 1 responsible for advancing science at the agency
- Lead regional contact for Regional Applied Research Effort (RARE) project entitled: *Using in-situ ultraviolet-visual spectroscopy to measure nutrients and sediment concentrations in stormwater runoff*
- Recipient of a EPA national Bronze Medal in 2012 for Commendable Service related to electronic reporting of NPDES information; recipient of EPA Region 1 Operations Excellence Award in 2016 for my work as team leader on the Massachusetts MS4 permit; recipient of the Russell Train Sustainability Award for my work as team member of the Clean Water Act section 208 plan created for Cape Cod Massachusetts

Hydrogeologist, Northeast Geoscience Incorporated – *Clinton, MA.*

2003 – 2010
(Part time
2006-2010)

- Conduct hydrogeologic investigations for the permitting of public water supplies in Massachusetts, New York and South Carolina. This includes desktop studies, aquifer exploration, and well installation
- Prepare technical reports pertaining to the permitting of public water supplies and environmental site assessments for submittal to MassDEP and local Conservation Commissions, Request for Site Exams, Source Final Reports, Phase I, II and III reports
- Monitor environmental compliance regarding groundwater and surface water quality, quantity, and safety for public water supplies within Massachusetts and create Consumer Confidence Reports for distribution to water consumers
- Manage large water and soil sampling datasets and create presentation-quality graphics using Arc GIS, MS Excel and MATLAB for compliance updates submitted to MassDEP

Teaching Assistant, Boston College – *Chestnut Hill, MA.*

2006 – 2009

- Responsible for teaching the laboratory sections of Environmental Geology, Intro to Geochemistry and Paleoclimatology
- Recipient of the Donald J. White Teaching Excellence Award in the Geology and Geophysics department at Boston College

Education

Master Of Science - Geology

Boston College, Chestnut Hill, Massachusetts

Graduated with distinction in December 2009 with a concentration in aqueous chemistry

2006 – 2009

Bachelor Of Science - Environmental Geoscience

Boston College, Chestnut Hill Massachusetts

Minor in Environmental Studies

2000 – 2004

Skills

Proficient using MS Word, MS Excel, MS PowerPoint, MS Sharepoint, Adobe Illustrator, Adobe Photoshop, Adobe Acrobat and Arc GIS . Extensive experience in database management and statistical analysis using MS Excel, MS Access, R, and MATLAB