

Eduard Chenette

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Education

Texas A&M University – Master of Science in Environmental Engineering, GPA of 4.0

August 2014

Bashkir State University – Master of Science & Bachelor of Science in Physics

June 2011

Licenses & Certifications

- Maine PE License
- Project Management Professional PMP (issued by Project Management Institute)
- Notary Public, State of Maine
- 40 Hr. HAZWOPER Training
- 10 Hr. OSHA Supervisor Training

Experience

Environmental Engineer/Project Manager; Maine CDC; Portland, Maine

May 2023 – Current

- Reviews & approves applications for public drinking water system engineering improvements.
- Ensures design and project elements comply with all state and federal safe drinking water requirements.
- Acts as a project manager for public water system construction projects.
- Reviews & approves construction plans, specifications, and professional engineering agreements.
- Handles change orders and payment requisitions.
- Makes environmental impact determinations from proposed projects.
- Develops & presents public education materials associated with drinking water system improvements.

Task Manager/Assistant Project Manager/Staff Environmental Engineer, WSP; Portland, Maine

August 2017 – April 2023

- Project Manager: regulatory client support; managed field staff; client support with different stakeholders.
- Task Manager: Sub-Slab Depressurization (SSD) system installation/modification; SSD System Operation and Maintenance; waste management (profiling and final disposal support).
- Project management: schedule planning, budget tracking, subcontractor work coordination, and cost estimate preparation.
- Engineering calculations: chemical loading, mass balance, fluid statics and dynamics (pump and pipe), stress, and strain of materials.
- Engineering design: drafted basis of design, review of supporting drawings, preparing and review of construction specifications;
- Water distribution analysis and modeling in WaterCAD.
- Bioremediation support: analyzing laboratory results, managing O&M strategies, and field staff support.
- Prepared projects for the commissioning phase, including field tests, oversights, and contractor coordination.
- Permitting support for engineering design (municipal, State, and Federal).
- Drafted Reports: annual, quarterly, and monthly O&M support; feasibility study and remedial investigation support.
- Project Engineer: Soil Vapor Extraction, Vapor Intrusion, PFAS treatment, Groundwater Treatment Systems (pump-and-treat) operations, and maintenance.
- Instrumentation and control: P&ID drawings, PLC logic, remote control.
- Health and safety: drafted emergency action plans, standard operating procedures, health and safety plan, and activity hazard analysis.
- Cybersecurity: evaluated systems for vulnerabilities, oversight of the implementation of upgrades, and SCADA support (Rockwell Automation).

Adjunct & Assistant Professor, University of New England; Biddeford, Maine

August 2016 – Current

- Currently teaching an online Physics course.
- Taught Physics and Environmental Issues courses in an in-person studio format.

Engineer-Intern, Water Resource Recovery Department; Saco, Maine

July 2016 – December 2016

- Assisted with the implementation of the Industrial Waste Survey.
- Provided plant upgrade design support with operation and maintenance support.

Teaching Assistant, University of Maine; Orono, Maine

September 2014 – July 2015

- Organized and taught laboratory experiments in a Geology course.

- Teaching and Research Assistant, Texas A&M University - Kingsville;** Kingsville, Texas January 2013 – August 2014
- Laboratory and field air quality sampling;
 - Assisted with the instruction of Environmental Engineering in a Global Society course.
- Laboratory Assistant, Bashkir State University;** Ufa, Russia March 2011 – July 2011
- Organized laboratory experiments in Chemistry Lab course.
- Floorman (Internship), KCA Deutag Drilling GmbH;** Salym, Russia July 2008 – August 2008
- Worked on the rig floor and participated in preparation of the drilling fluid.

Appointed, Nonprofit, & Membership Roles

- Commissioner, Saco River Corridor Commission** September 2020 – Current
- Appointed by the Mayor to review and approve construction applications for any projects along the Saco River.
 - The commission regulates land and water uses, protects and conserves the region’s unique and exceptional natural resources, and prevents the detrimental impacts of incompatible development.
- Co-Founder & Vice President, Chenette Scholarship Fund** June 2018 – Current
- Provides annual college scholarships to students at area high schools to empower the next generation of civic-minded leaders.
- State Director, American Council of Engineering Companies (ACEC)** January 2022 – April 2023
- Promoted engagement in the practice of consulting engineering amongst Maine companies.
 - Member of the Government Affairs Committee.
- City of Saco Coastal Resiliency Ad Hoc Committee** September 2020 – April 2021
- The committee partnered with the US EPA to convene a community stakeholder group to facilitate and support meaningful conversation around coastal resiliency for Saco Water Resource Recovery Department.
- City of Saco Conservation Commission Chair** March 2018 – September 2020
- Appointed by the Mayor and City Council to promote and protect parks, trails, and waterways.
- Treasurer, Saco Bay Center for Civic Engagement;** Saco, Maine August 2015 – January 2018
- Managed finances and kept track of cash flow; Designed graphics for various events; Coordinated volunteers at events.
- Member, National Society of Professional Engineers** 2023 – Current

Professional Skills

Advanced Computer Skills

- Windows, Linux, MS Office (Word, Excel, Project, Access), Networks, PC and Windows troubleshooting.

Specialized software

- Fluent, COMSOL, Fortran, ArcGIS, AutoCAD, WaterCAD, NetLogo, RxLogic (SCADA), USGS MODFLOW, Adobe Illustrator, Adobe Photoshop, MACMMS.

Publications

- **Science Publication, Bashkir Petroleum Development Conference** 2011
 - “Carbon Dioxide Hydrate crystals formation by the electromagnetic field.”
- **Science Publication, Bashkir State University Conference** 2011
 - “Electromagnetic influence on gas-hydrate-filled media modeling.”
- **Poster, Eagle Ford Center for Research, Education and Outreach Conference** 2013
 - “Air Quality Monitoring Activities in McMullen County”

Awards

2016 President’s Volunteer Service Award – President Barack Obama