

Jenny Pushie-Burgher | Environmental Team Leader/Senior
Environmental Scientist, B.Sc

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Professional Summary:



Mrs. Pushie-Burgher is EFI Canada's Atlantic Environmental Operations Leader. Jennifer has over 15 years of experience in the environmental consulting field on a wide range of multidisciplinary projects. Jennifer has conducted many Phase I, II and III ESAs for a range of clients with a variety of contaminants of concern at various locations across Atlantic Canada and has significant experience managing large and small spill response projects for clients including pipeline, truck and transportation, residential, oil and gas and insurance. With focus on contaminated site management and remediation, Jennifer's contaminated site project knowledge encompasses all aspects of phased environmental site assessment, as well as emergency response, incident management preparation and site restoration. As the leader of EFI's Atlantic environmental operations she is involved with all aspects of project management including client and stakeholder liaison, scope development, resource management, scheduling, health and safety, budget management, report preparation and review.

Project Experience:

Regional Operations Leader responsible for providing emergency response, due diligence, remediation and environmental quality services. Oversee and coach team members in aspects of business including budgeting, marketing, reporting, and technical approach.

Emergency Spill Response Scientist for various insurance, oil and gas and transportation clients throughout Atlantic Canada. Projects included on-site assessment and remediation of commercial, residential and vehicle incidents for petroleum impacted sites at over 250 properties/sites. Projects involved managing multi-discipline subcontractors, as well as stakeholder expectation. Site work includes initial release mitigation, assessment and identification of the contaminant pathway, third party receptor impacts and removal of the source contaminant. In addition to onsite construction oversight, confirmation media sampling, air quality sampling, property reinstatement, managing project budgets and Regulatory closure reporting.

Waste Management Scientist of Waste Management Plan field oversight for offshore crude oil release that included removal of liquids (oil emulsion and water), solids (consumables such as absorbent boom, PPE and general refuse), sampling of crude oil and oil recovery equipment from the vessels to shore and then shore to treatment/disposal facility. Manifested all waste streams to track movements from vessel to end of life locations.

Assistant Safety Officer that provided Incident Command support to the Safety Officer, a representative from the United States Coast Guard. Project duties included oversight of environmental safety programs for field teams of 100 plus personnel, who were providing emergency response services to a capsized cargo ship in marine setting located in the St. Simon Sound in Georgia. Additionally, provided oversight of the Industrial Hygiene air monitoring team, which included daily safety and air monitoring program briefings to the Incident command team.

Emergency Response Air Monitoring Scientist responsible for the execution of an air monitoring plan under direction of an Industrial Hygienist following the accidental release of 600,000 litres of gasoline at a bulk petroleum storage facility in Nova Scotia. The air monitoring was conducted during the emergency response phase of the release and during product recovery for onsite worker safety and community monitoring outside of the facility.

Emergency Plan Development for an oil and gas client to develop a regulatory required Emergency Response (E2) plan on schedule for operational purposes. Which consisted of developing a spill prevention plan, consisting of control and counter measures and emergency planning. This included remote information gathering, a Site visit and walk through as well as plan writing.

Phase I Environmental Site Assessments of industrial properties, commercial properties, first nations land and developments, former/active petroleum retail outlets and bulk storage/distribution facilities throughout Nova Scotia and Prince Edward Island. Which included property inspections, interviews, site descriptions, historical record and regulatory reviews, remote sensing and completion of reports.

Phase II/III Environmental Site Assessments for private sector clients including major petroleum retail companies and government clients. Responsibilities included project planning and scheduling, supervision of drilling, daylighting and test pitting activities with subsequent soil sample collection, supervision of monitor well and soil vapour probe installation, subsequent groundwater and vapour sample collection and interpretation of analytical results, report compilation and recommendations.

Remediation of Contaminated Sites and Regulatory File Closure for various clients for Tier I/II regulatory closures. Inclusive of in situ and ex situ remedial options, oversight of remediation/removal of impacted soil and/or groundwater, confirmation sampling per regulatory requirements, hydrogeological assessments to confirm presence/absence of lower aquifer impacts, management of Site health and safety, compilation of reporting for regulatory submission.

LNAPL Site Characterization for an oil and gas client utilizing High Resolution Site Characterization for the assessment of LNAPL via in-situ laser induced fluorescence technology, which included collection of soil samples for soil characterization and data correlation, data input and assessment and the subsequent development of remedial approach.

Provided third party support related to an assessment of the appropriateness of costs associated with investigative and remedial actions and with respect to occurrence of contamination.

Professional Experience:

EFI Global Canada Inc.
2023 – Present
Atlantic Environmental Team Leader

GHD Limited.
2011 – 2022
Project Manager/ Emergency Response Eastern Canada Team Leader

Environmental Solutions
2010
Contractor

North South Consultants
2008 – 2009
Field Technologist

Specialized Education:

Workplace Hazardous Materials Information System (WHIMS)
Transportation of Dangerous Goods, Road and Rail
40 hours Hazardous Waste Operation and Emergency Response (HAZWOPER)
Shoreline Cleanup Assessment Techniques (SCAT)
Erosion and Sediment Control for Highway Construction and Building Sites
Leadership for Safety Excellence
ICS 100, 200 and Position Specific Training
Nova Scotia Watercourse Alterations for Sizers and Installers

Education:

Bachelor of Science (Environmental Geoscience), Acadia University, 2019
Water Resources Technology Diploma, Nova Scotia Community College, 2010