**Nick A. Veriotes**, P.Eng., C.Chem. BCEE., EP

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Environmental Engineer

Identifies and Minimizes Environmental Risks and Liabilities to Ensure Compliance

A resourceful, passionate environmental innovative leader with more than 20 years of expertise developing strategies to reduce risks, ensuring organizational compliance through the implementation of environmental management systems. Proactively addresses challenges with creative solutions, leveraging relationships to achieve corporate goals and regulatory requirements. Provides leadership across diverse operations, assimilating quickly to motivate a dynamic work environment and generate excellent results.

**Areas of Expertise**

* Environmental management systems (ISO14001)
* Waste management (solids & liquids)
* Knowledgeable with environmental legislation & regulations (Fed & Provincial)
* Fluent in Sustainability management
* Climate change expertise
* Air emissions
* Air monitoring & emission measurements
* Strong technical & analytical problem-solving skills
* Collaborative issue resolution
* Multi-certified Engineer

**ACHIEVEMENTS**

* Implemented a secondary water treatment system to treat sewage lagoon overflow meeting federal discharge requirements.
* Spearheaded the development of an innovative $11.5 million project to accurately quantify methane and carbon dioxide emissions from area sources, solved quantification issues affecting the industry.
* Anticipated environmental risks and regulatory framework changes, leveraged technical knowledge and industry experts to implement sustainable solutions which mitigated compliance issues.
* Championed the successful implementation of an ISO14001 management system, raising the corporate environmental audit score from 43% to 92% in 3 years.

**PROFESSIONAL EXPERIENCE**

**President / Environmental Engineer**

NV Innovations & Environmental Solutions - Calgary, Ab | 2017 – Present

*Applying my technical expertise to support the development of technologies to commercialization*

**TECHNICAL / AIR EMISSIONs LEAD**

Canadian Natural Resources Limited - Calgary, Ab | 2014 – 2019

*Directed greenhouse gas (GHG) strategy and forecasting for all western Canadian operations, overseeing reporting. Collaborated closely with executive management and represented the organization on external associations to influence government policies and regulations. Overall project management with ERA, COSIA, and SAIT, spearheading funding pursuits and facilitated the work of multiple partners and technologies.*

* Discovered GHG sampling issues resulting in an overstatement of emissions to government, appealed reported values, recovered $7M in compliance fees.
* Identified issues with sampling technique resulting in a 35% reduction of volatile organic compounds (VOC) reported to the government.
* Spearheaded proposal and funding application to Emissions Reduction Alberta (ERA) on a hybrid methodology to better quantify area fugitive emissions globally reducing GHG compliance costs.
* Experienced in managing multiple consultants, engineers, scientists and tradespeople to ensure sufficient staffing to complete tasks on schedule.

**CORPORATE LEAD AIR & GREENHOUSE GAS EMISSIONS**

Total E&P Canada - Calgary, Ab | 2011 – 2014

*Acted as GHG advisor to the CEO while directing all air and GHG strategies for oil sands projects, providing expertise on all aspects of regulatory approvals. Conducted GHG forecasting, assessed feasibility of mitigations, developed assessment reports and studies and provided compliance strategies to executive management and industry stakeholders.*

* Formed lasting relationships with the Fort McKay First Nations (FMFN) community, serving as a trusted advisor.
* Delivered a forecasted savings of $2.5M over ten years by implementing preconstruction monitoring system to develop environmental trends before during and after project construction.
* Influenced air quality and GHG regulations and guidelines, providing groundbreaking compliance strategies to senior leaders.
* Standardized all GHG forecasting calculations into a comprehensive document, ensuring accurate yearly forecasts.
* Developed and implemented corporate GHG management strategy with carbon abatement curve and comprehensive monitoring and forecasting procedures.

**SENIOR ENVIRONMENTAL ENGINEER**

Suncor Energy Inc. – Fort McMurray, Ab | 2009 – 2011

*Oversaw development, implementation, and maintenance of environmental programs, processes, and management systems for wastewater, oil recovery and upgrading operations in alignment with regulatory requirements.*

**SENIOR ENVIRONMENTAL ENGINEER**

Nova Chemicals - Sarnia, ON | 2006 – 2009

*Managed environmental affairs for refinery and petrochemical facilities, preparing and submitting regulatory compliance reports for air and surface/groundwater. Submitted regulatory permit applications.*

* Directed project research initiatives and process improvement strategies to minimize air and GHG emissions

**ENVIRONMENTAL COORDINATOR**

Lafarge North America - Bath, ON | 2002 – 2006

*Headed all environmental strategies at Bath Cement Plant, directing a team of 3 and managing a budget of $750K. Collaborated with, and led internal and external stakeholders, implementing multiple improvement strategies.*

* Raised plant’s corporate environmental audit score from 43% to 92% in 3 years by addressing non-compliance issues, obtaining permits, and implementing an ISO14001 management system.

**CORPORATE ENVIRONMENTAL MANAGER**

Teknion Furniture Systems Limited - Toronto, ON | 2001 – 2002

*Obtained ISO14001 registration through the implementation of an environmental management system into the manufacturing process, opening new markets for furniture sales.*

**Environmental Officer**

Canadian Aviation Fuelling of Toronto Limited (CAFTL) - Toronto, ON | 1997-2001

*Directed the implementation of an ISO14001 environmental management system at airport fueling operations in Toronto and other eastern Canadian airports.*

**environmental engineer**

Golder Associates - Mississauga, ON | 1993-1997

*Developed an innovative wastewater treatment system to remove heavy metals and emulsions from wastewater.*

**EDUCATION & CERTIFICATIONS**

**Graduate coursework**: Atmospheric Chemistry – University of Guelph, 1993-1994

**Honours Bachelor of Science**, Environmental Engineering - University of Guelph, 1993

**Greenhouse Gas Management Institute** – GHG-IQ / GHG-V, 2019

**Certified ISO14001 EMS Auditor** - Quality & Environmental, 1998

**Expert knowledge** Microsoft Office, MSWord, Excel, PowerPoint, Outlook

**Professional Engineer (P.Eng.)** – Professional Engineers of Ontario (PEO)

**Professional Engineer (P.Eng.) -** Association of Professional Engineers and Geoscientists of Alberta (APEGA)

**Chartered Chemist** (C.Chem.) – Association of the Chemical Profession of Ontario

**Board Certified Environmental Engineer** (BCEE) – American Academy of Environmental Engineers

**Qualified Environmental Professional** (QEP) – Air Quality, Institute of Professional Environmental Practice

**Environmental Professional** (EP) – Air, Water, Wastewater, Site Assessment, and Reclamation - Canadian Environmental Certification Approvals Board

**COMMITTEE WORK & PROFESSIONAL AFFILIATIONS**

Member, Air and Waste Management Association (AWMA), 1992 – Present

Member, Canadian Standards Association (CSA) Technical Committee, 2014 – Present

meeting deadlines presentation mentorship leadership skills risk assessments strategy strategic plans technical review engineering principles technical problems engagement climate change quality assurance strategic planning climate change climate change Technical technical budgeting specifications engineering engineering engineering Transportation asset management engineering engineering engineering engineering engineering engineering engineering engineering engineering engineering transportation transportation civil engineering financial management transportation engineering statutory leadership leadership leadership dedicated environmental engineering technical issues project management skills Risk Assessment Risk Assessment climate change risk assessments climate change verbal communication dedicated training training climate change