

Tony Van Oostrom

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Summary of Professional Strengths

A proficient Environmental Specialist with over 32 years of operational, production maintenance and project management experience. Has a strong background in environmental compliance and environmental management systems and in-depth knowledge of hydroelectric and thermal operations. Over 17 years hands on experience with Zebra and Quagga Mussel Management using sodium hypochlorite, Zequanox and most recently UV.

Work Experience

Feb 2018-Present

RNT Consulting, Picton, Ontario Associate - AIS Treatment Specialist

Aquatic Invasive Species (AIS) treatment specialist supporting implementation, testing, and service for Industrial and Hydroelectric facilities

Nov 2014 - Jan 2017

Ontario Power Generation, Niagara-on-the-Lake, Ontario Senior Manager, Environmental Operations Support, Hydro/Thermal Operations

Provide environmental oversight, expertise, leadership, direction and specialized support for Site Environmental Advisors located in Hydro and Thermal Operations across Ontario

July 2012-Oct 2014

Ontario Power Generation, Niagara-on-the-Lake, Ontario Production Manager, Services

Managed Regulatory Maintenance, Field Services, Distribution Center crew of 35 staff. Held lead maintenance responsibility for the International Control Dam, and Niagara Queen II Ice Breaker. Crews maintained: 1600 hectares of land and related roadways, 65 km of fencing, 14 elevators, all plant HVAC systems, over 140 vehicles and equipment

Aug 2010 -June 2012

Ontario Power Generation, Niagara-on-the-Lake, Ontario Section Manager, Environment Compliance & Managed Systems

Provided hydroelectric environment program management and oversight; coordination, implementation and monitoring of environment regulatory performance and maintenance of ISO 14001 registration. Planned, developed and maintained information systems for the plant group. Accountable for Environment, Records Management, Drafting, IT, Public Safety and Security.

1998 to 2010

Ontario Power Generation, Niagara-on-the-Lake, Ontario Senior Environmental Advisor 2005 to 2010 Environmental Advisor 1998 to 2005

Managed and coordinated environment activities at Niagara Plant Group. Responsibility included: ISO 14001 Rep, environmental training, Certificate of Approval management, hazardous and non-hazardous waste management, Zebra and Quagga Mussel treatment, fisheries management, species of conservation concern, environmental permits and approvals, contaminated lands management, emergency preparedness and response, contract management. Managed Biodiversity Program covering 1600 hectares of land.

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1985 to 1998

Ontario Hydro, Toronto, Ontario
Assistant Environmental Specialist/Environmental Specialist

Prior to 1985

Worked in environmental positions at Environment Canada, Ministry of Environment, Agriculture Canada, Long Point Conservation Authority, Ecologistics Limited.

Education

1980 – 1985 University of Waterloo
Bachelor of Environmental Studies (BES) with specialty in
Resources Management

Professional
Development

Member Technical Committee, International Conference on Aquatic Invasive Species (ICAIS), 2007 Nijmegen, Netherlands, 2009 Montreal, PQ 2011 San Diego, CA, 2013 Niagara Falls, ON.

Achievements,
Innovation,
Specialties,
Expertise

Innovative re-design of Zebra/Quagga Mussel treatment: resulted in more than 80% reduction in the use of Sodium Hypochlorite, and more effective treatment system. Cost savings, labour savings, environment and health and safety benefits.

Full Scale Trials Alternatives to Chlorine for Zebra and Quagga Mussel Treatment: Initiated the first full scale plant treatment trials using *Pseudomonas fluorescens* (dead bacteria). This treatment approach was tested locally and has resulted in no Sodium Hypochlorite treatments at one facility for a number of years.

Supported successful UV Treatment Initiative at DeCew Generating Station

OPG and industrial expert on Zebra and Quagga Mussel treatment: Over a dozen presentations made, several internationally