



Evelyn Porter, B.Sc., P.Eng., PMP

Engineering Manager, Civil



EDUCATION

Bachelor of Science in Civil Engineering
& Geoscience
University of Toronto, 1976
Toronto, Ontario

Post Graduate Studies-Engineering
University of British Columbia

Project Management Certificate, PMP

Business Administration Certificate
University of Calgary

MEMBERSHIPS

APEGA

APEGBC

CGS

ESAA

CEA

Engineers BC

NAPEG

Evelyn joined Williams Engineering in 2017 bringing her extensive and diverse experience in civil, municipal, transportation, geotechnical, environmental, structural and process engineering. Evelyn's talent in project management, team leadership, financial management and strategic planning combined with her clear communication and dedication creates successful project execution.

RELEVANT PROJECT EXPERIENCE

INDUSTRIAL

GM Warehouse East Loading Dock Re-Grade; Edmonton, Alberta

Guided the Williams Civil Team in the design and construction for entire re-configuration of the site, including retaining walls, stormwater management system & storage, davit lighting, loading docks, grading & drainage, concrete works, and final asphalt surfacing.

Gray Pet Food Processing Plant; Edmonton, Albert

Provided Civil Engineering design and recommendations for the grading, drainage, and municipal infrastructure to develop a brand new process facility.

Husky Oil, Wester Canadian Services Centers; Various, BC/SK*

Troubleshooting, corrective measures to resolve sanitary sewage issues. Involved in in-building infrastructure faults, tankage integrity and/or capacity, septic fields, percolation testing, pipelining and assorted municipal engineering solutions for gas bards, c-stores, and cardlocks.

Finning Maintenance Facility; Fort McMurray, Alberta*

Conducted comprehensive geotechnical and site development and assessment.

Federated Co-Operative Limited Storage Facility; Carseland, Alberta*

This project included conducting a full site design and construction.

Ainsworth Lumber Facility; Grande Prairie, Alberta *

Technical analysis, design and installation of water supply pipeline and concrete reservoir.

Grande Cache Coal Mine; Grande Cache, Alberta

Inter-road Rehabilitation and Upgrade required throughout the Open Pit Network as the mine was expanding. Also designed concrete bridge systems to span roadways in order to cover/protect pre-existing buried gas & water lines that spanned the roadways – this to provide protection from the “extreme loads” of the Rock trucks (similar to those in Fort McMurray – CAT 7735, 797 variety).

Diavik Diamond Mine; Northwest Territories

Helped with design for floating dredges housing pumps & pipes with which to “empty/dewater” perimeter dammed/diked areas/mines which are bounded by Lac de Gras. The latest mine is known as A21 which is isolated by a rockfill dike.



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Also designed the anchoring system necessary to support/suspend the floating dredge which involved both geotechnical & civil parameters together with knowledge of glacial till implications.

GOVERNMENT

Van Anda Post Office; Texada Island, British Columbia

Provided Expert Opinion, detailed design, Tender administration, contractor selection, and on-site construction management and guidance to rehabilitate and restore the facility, all while maintaining constant service to the Public.

WCTC, Wainwright, Alberta*

Completed geotechnical and site development design and construction for a simulated Afghan village. This project was budgeted at \$150K and completed on time.

Highway 417 Ottawa to Montreal; ON and QC*

Highway design and construction. This included grading, drainage and concrete structures.

Castle Mountain Siksika Claim; Banff, Alberta*

Completed archival data retrieval, boundary retracement and mapping.

Federal Penitentiary; Edmonton, Alberta*

Geotechnical investigation and design for outside walls and new site buildings.

Jasper National Park; Jasper, Alberta*

Rehabilitation of West Gate.

Town of Jasper; Jasper, Alberta*

Storm infrastructure and rehabilitation.

OIL AND GAS

Gas Bars/Cardlocks; Western Canada*

Completed environmental and geotechnical investigations, site grading and drainage design for many sites across Western Canada.

Amoco Pipeline System Decontamination; Cochrane-Drayton Line, Alberta*

Completed pipeline system and hydrocarbon fluid review investigation and optimization.

Amoco Sundre Truck Terminal; Sundre, Alberta*

Completed pipeline system and hydrocarbon fluid review investigation and optimization.

Geophysical bore hole logging; Alberta*

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Completed substrata deep hole evaluation for hydrocarbon potential.

WATER RESOURCES

City of Grande Prairie (Aquatera); Grande Prairie, Alberta*

New water supply intake located in the thalweg of the Wapiti River and modifications to settlement ponds (turbidity and TSS).

Watershed Study; Galahad, Alberta*

To determine run-in volumes onto farm lands to resolve a dispute between adjacent owners.

Hamlet of Vilna; Vilna, Alberta*

Water treatment issue involving pipeline from nearby lake, variable water quality through year, additional treatment strategies.

Town of Jasper; Jasper, Alberta*

Water treatment facility upgrade to handle increased capacity together with technological improvements.

Maskwacis First Nation; Maskwacis, Alberta *

Water treatment facility trouble-shooting and remediation.

Saddle Lake First Nation, Alberta *

Water treatment facility trouble-shooting and remediation.

FIRST NATIONS PROJECTS- CLAIMS SETTLEMENT

Tsuu T'ina Irrigation Network Claim (Treaty 7), Alberta *

Accepted and Awarded.

Tsuu T'ina Glenmore Claim (Treaty 7), Alberta *

Accepted and Awarded.

Tsuu T'ina Moose Mountain Claim (Treaty 7), Alberta *

Accepted and Awarded.

Tsuu T'ina DND Ordinance Clearing and Decommissioning (Treaty 7), Alberta *

Accepted and Awarded.

Siksika Castle Mountain Claim (Treaty 7), Alberta *

Accepted and Awarded.



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FIRST NATIONS OTHER PROJECTS

Advisor to Technical Services Council (Treaty 8), Alberta *

Tsuu T'ina (Treaty 7), Alberta *
Boundary Survey.

Stoney (Treaty 7), Alberta *
Boundary Survey at Morley Flats.

OTHER: EXPERT WITNESS AND PEER REPORT AUDITS

**Delay of Contract Issue: Government of Canada High Security Prison;
Edmonton, Alberta ***
Geotechnical recommendations and pile selection. Resolved.

**Appropriate Retaining Wall Design AT Wainwright Base DND/DCC:
Wainwright, Alberta***
Contractor had done as requested. Resolved.

Watershed Study; Galahad, Alberta *
To determine run-in volumes onto farm lands to resolve a dispute between adjacent owners.

* Denotes project experience gained prior to joining Williams Engineering Canada Inc.