

# Justin Couto

## PROJECT MANAGER

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### Professional Summary

A project manager and grouting specialist with over 10 years of diversified construction experience, including the design and placement of specialty grout formulation for void filling, soil stabilization utilizing sodium silicate and cement grouting techniques and water cut-off solutions for geotechnical, underground and heavy civil applications.

### Work History

**2006 to date** Multiurethanes Ltd.  
Mississauga, ON  
Multiurethanes Inc.  
Buffalo, NY

### Education

**2000 – 2004** Brock University.  
St Catharines

### Current Safety Certifications

- Standard First Aid with CPR
- Confined Space Entry
- Fall Protection Awareness
- Lift Truck Operator
- Working at Heights
- CN Rail
- WHMIS

### Specialties

- Solutions for high volume, high pressure, high temperature water inflows
- Hands on technical direction and site supervision for grouting operations
- Water control for underground mines
- Chemical grouting
- Cement grouting
- Cellular grouting
- Water cutoff

### Technical skills

- Support for clients to handle challenging water and soil control issues on a variety of construction sites
- Restoration of concrete structures, including high performance waterstops, crack injection, and application of concrete repair materials
- Control of water inflows through leaking concrete structures, construction joints, expansion joints, rock fissures and shoring
- Grout mixing and pumping equipment for application of cement and chemical grouts
- Light weight cellular grout for annular space grouting and void filling
- Construction job site troubleshooting and training of contractor personnel for concrete repair and water control applications

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## Selected Grouting Experience



### **Water Cutoff**

Markham, ON

Onsite grouting specialist who implemented a specialized water cut-off solution and customized grouting equipment to repair leaks in a large diameter sewer pipe for a municipal sewer maintenance project.



### **Cement Grouting**

Toronto, ON

Performed microfine cement grouting and waterstop operations using polyurethane resins. Provided sodium silicate grouting for soil stabilization in cross passage tunnels in a light rail transit (LRT) line construction project.



### **Soil stabilization**

North Bay, ON

Provided technical services to fill voids and stabilize soil underneath a footing during an expansion project at a waste water treatment plant.



### **Chemical Grouting**

Various locations, ON

Technical specialist who assisted an infrastructure contractor with a cellular grouting operation to backfill relined culverts along highway 407.