

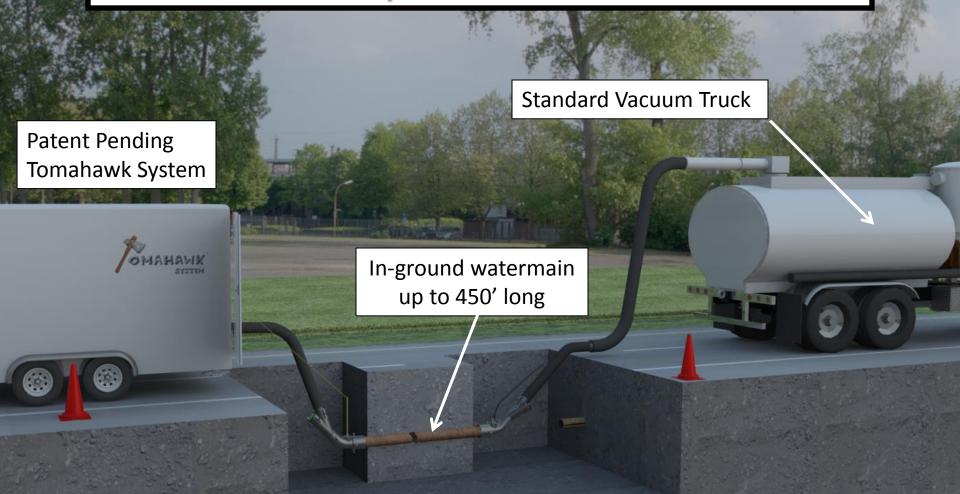
## TOMAHAWK WATERMAIN CLEANING

SAINT JOHN, NEW BRUNSWICK SEPTEMBER 2013



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## Tomahawk<sup>™</sup> System – A Novel Solution



The Tomahawk™ System restores deteriorated pipes using abrasives and a high-volume, low-pressure airstream to clean and dry the pipe in preparation for lining without using water.

## Saint John, Edgehill/Balmoral - Bitumen & Tuberculation Removal



- OMAHAWK SYSTEM

- Water quality and capacity improvement
- Bitumen removal trial
- Completed September 2013
- 240 meters in 2 working days
- 150 mm (6") bitumen lined
- 1961 cast iron pipe, structurally sound
- Same day return to service, no service bypass
- Water quality lining (1.2mm thk) 3M
   Scotchkote™ Liner 2400 applied by Trenchless
   Solutions







## Saint John, Edgehill/Balmoral – Bitumen & Tuberculation Removal

