



# **TOMAHAWK WATERMAIN CLEANING**

**SAINT JOHN, NEW BRUNSWICK  
JULY 2014**

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# Tomahawk™ System – A Novel Solution

Patent Pending  
Tomahawk System

Standard Vacuum Truck

In-ground watermain  
up to 450' long

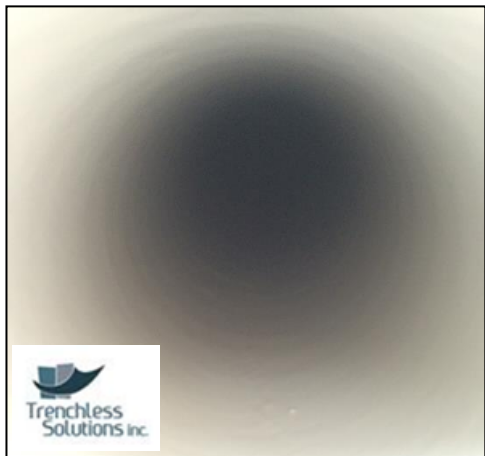


The Tomahawk™ System restores deteriorated pipes using abrasives and a high-volume, low-pressure airstream to clean and dry the pipe in preparation for lining without using water.

# Saint John, Lakeview Dr. – Bitumen & Tuberculation Removal



- Water quality and capacity improvement
- Completed July 2014
- 330 meters planned, 800 meters completed in 6 working days
- 150 mm (6") and 200 mm (8") bitumen lined
- 1955 cast iron pipe, structurally sound
- Same day return to service, no service bypass
- Two consecutive days of cleaning and lining two pipe sections per day
- Water quality lining, 3M Scotchkote™ Liner 2400 applied by Trenchless Solutions



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