

PROJECT:

Lead-Free Pilot Project in Montréal-Est



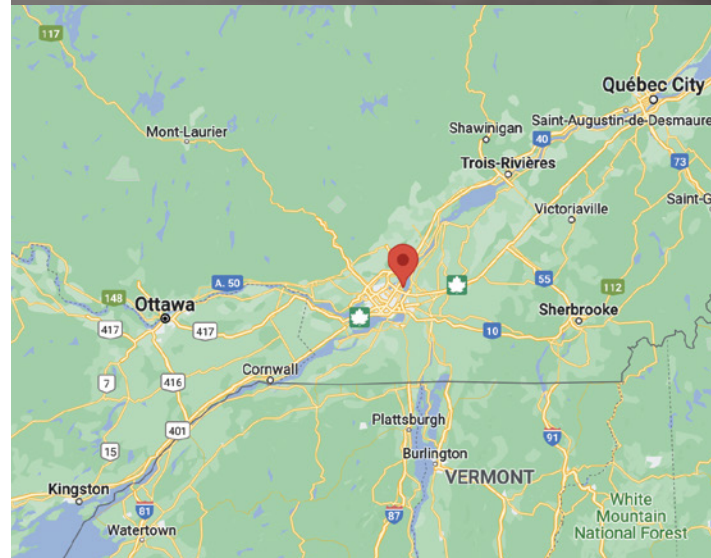
CHALLENGES

- Traditional replacement methods create a lot of disruptions to communities
- Need to address lead service line issues quickly, before they become emergencies, but also keep costs, implementation time, and disruption to residences at a minimum

BACKGROUND

Lead service lines are common across North American buildings built before the mid-50's. Lead welding at the joints were also done to service lines until the 90's. This creates a great toxic lead exposure to household residents.

The City of Montréal-Est was facing challenges with their aging water main infrastructure and a growing pressure from residents to address lead service lines.



WATER TREATMENT

Project location: Montréal, Quebec

Project date: Summer 2020

SOLUTION DEVELOPED

- Collaboration with the City's municipal leaders and engineers to tailor the right solution
- Installation of ALTRA's next generation of lead-free water technology in pipes leading to multiple residences
- Installation only took on average **2.5 hours** per house
- No disruption to traffic and properties, with only a single hole required outside each home
- **45%** more cost effective for the City than traditional replacement methods



CONTACT



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ALTRA