Noah Elias Marchand

Water and Wastewater Engineer · Conveyance

water-wastewater-engineer@example.test
Ottawa, Canada

Experience

2020-09 – Present **Water and Wastewater Engineer**
Granite Fen Utility Design

- Led the design package for a 2.3 km water main renewal. Compared renewal alignments with utility crews to reduce interference at crossings.
- Reconciled two years of pump station trends and confirmed boundary conditions with operations before reviewing wet-weather options.
- Closed 29 construction queries and retained marked-up drawings so the utility could verify departures from the design.

2016-03 – 2020-08 **Civil Design Engineer**
Rideau Alder Engineers

- Produced profiles and quantity schedules for gravity sewer rehabilitation. Checked survey gaps with the field team before issue.
- Compiled commissioning observations and issued a follow-up register for the engineer responsible for acceptance.

Skills

Hydraulic modelling · Municipal conveyance design · Utility coordination · Construction support

Summary

Civil engineer working on municipal water and wastewater conveyance. Uses field records and network models to develop renewal options that the utility can review against reliability and access constraints.

Education

2015 **BEng Civil Engineering**
Saint Laurent Technical University

Languages English · French