

SUNRISE PROJECT

Surerus Murphy Joint Venture constructed a 23.5 km, 42" diameter pipeline and tie-in facilities in northeast B.C. for TC Energy.

The pipeline runs east to west and is part of the Groundbirch Mainline Loop. The east tie-in connects to the existing Groundbirch Mainline (B.C. Section), located approximately 20 km northwest of Dawson Creek, B.C. The west tie-in will connect to the existing Groundbirch Mainline (Saturn Section) located approximately 40 km northwest of Dawson Creek, B.C.

PROJECT OVERVIEW:

- **Client:** TC Energy
- **Location:** northwest of Dawson Creek B.C.
- **Pipeline length:** 23.5 km
- **Pipe diameter:** 42"
- **Total workers at peak:** ~385
- **Regulator:** Canada Energy Regulator and other provincial/federal agencies

CONSTRUCTION FEATURES:

- **Major trenchless crossings:** 1200 m HDD of the Kiskatinaw River
- **Trenchless crossings:** 5 cradle bores, 4 HDBs, 2 auger bores
- **Open cut crossings:** 20 watercourses and drainages, 13 utility, 10 road/trail
- **Hydrotest sections:** 2 mainline and 2 facility
- **Welds:** 602 mainline, 299 poor-boy welds, 140 tie-in welds
- **Welding processes used:** Mechanized welding (RMS GMAW) for mainline with GMAW/FCAW for poorboy and tie-ins. SMAW for small diameter facility welding
- **Coating processes used:** Automated spray coating (CRC SPC 2888) for mainline and brush applied SPC2888 for poorboy and tie-ins

COMMUNITY BENEFITS & IMPROVEMENTS:

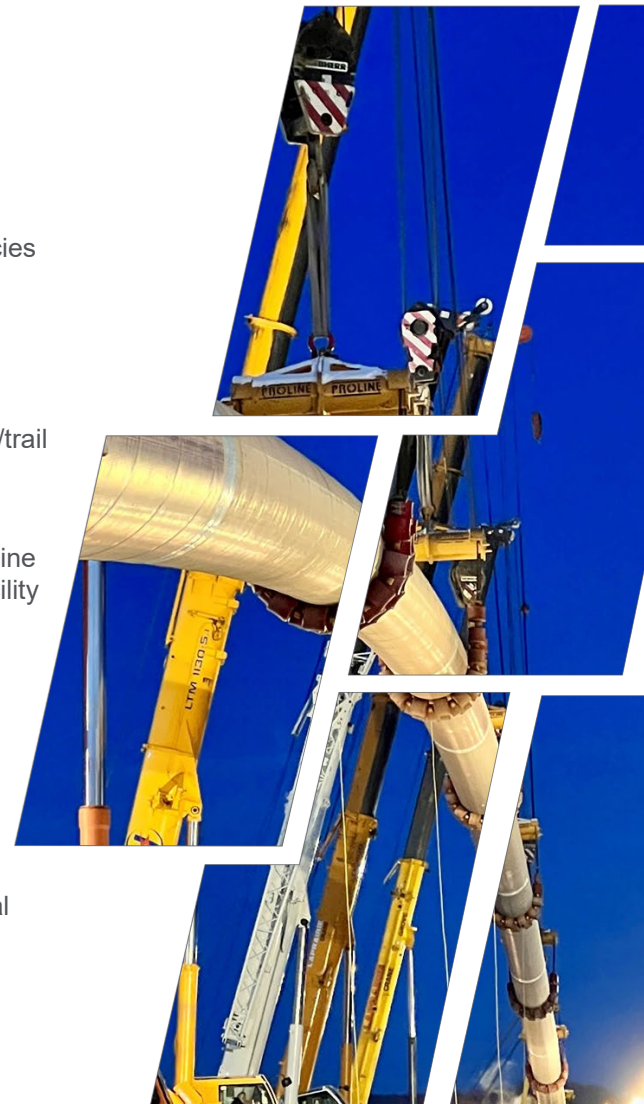
- Over \$14,000 in community donations
- Over 60 volunteer hours donated to local initiatives
- Maximize local and Indigenous hires for our workforce, including potential subcontract opportunities

ON-SITE LEADERSHIP:

Project Director:	Paul Kelly
Project Manager:	Kyle Scott
Superintendent:	Gunar Hermanson

PROJECT TIMELINE:

Contract award:	Sept 2022
Mobilization:	Sept 2022
Construction phase:	Sept 2022 to April 2023
Substantial completion:	April 2023
Clean up:	Summer / Fall 2023
Final completion:	Q3 2023



Surerus Murphy Key Contacts:

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