



LARGE-DIAMETER WATER CONVEYANCE

STATEMENT OF QUALIFICATIONS

DELIVERING CRITICAL INFRASTRUCTURE WITH INSIGHT, INGENUITY, INNOVATION

As one of North America's largest, most diversified infrastructure contractors, Michels delivers turnkey construction, maintenance, and expansion of transmission facilities for critical water and wastewater projects.

We design, build, and maintain all scopes of water and wastewater networks with unwavering commitment to safety, quality, and environmental preservation. As projects become more complex and timeline more compact, we offer alternate delivery models to develop creative, cost-effective solutions.

PIPELINE

TRENCHLESS

PUMP
STATIONS

FACILITIES

MARINE

CIVIL

An overview of the collective strength of the **MICHELS®** Family of Companies



10,000+ people
strong



18,000 pieces
of equipment

1959

founded in



50+ locations
globally



ENR's Top 400
Contractors List



COQUITLAM NO. 4

COQUITLAM, BC, 2026

- Completed first phase of what will become the largest water main in Canada, supplying drinking water to Vancouver
- 5,260 ft of 126-in pipe
- Method: Open cut
- Extended scope included drilled foundations and installed shafts to support excavation



TRI-CITY OUTFALL

OREGON CITY, OR, 2025

- Design-build project to increase the Tri-City Water Resource Recovery Facility's outfall capacity from 75 million of gallons per day (mgd) capacity to 162 mgd
- 5,200 ft of 112-in pipe
- Concrete-reinforced pipe with an independent fiberglass line selected to withstand jacking pressure and a unique alignment with one horizontal and three vertical curves
- Methods: Microtunneling & open cut
- Microtunnel boring machine retrieved from the Willamette River via a barge-mounted crane



COXWELL BYPASS TUNNEL

TORONTO, ON, 2023

- Design-bid-build sewer improvement project to prevent overflows from rainwater and sewage from entering Don River and Lake Ontario
- 6.5 miles of 23-ft-10-in pipe
- Method: Tunneling (EPBTBM)
- 5 major shafts between 65 and 72 ft in diameter and 164 ft deep; 12 drop shafts between 6.5 ft and 16.4 ft in diameter and 164 ft deep
- Tunnel constructed below Toronto without negatively impacting urban environment above



LAKE OUACHITA WATER SUPPLY

HOT SPRINGS, AR, 2023

- Design-build multi-scope water conveyance connections under Blakely Mountain, Mazarn Creek, and Lake Hamilton as part of a 17-mile project to bring water from Lake Ouachita reservoir to the greater Little Rock, AR, area.
- 2,569 ft of 60-in pipe (Direct Pipe), 510 feet of 56-in pipe (microtunnel), & 500 ft of 42-in concrete-lined pipe (float-and-sink)
- Longest large-diameter installation via Direct Pipe in North America
- 54-inch single-pass welded steel pipe installed to gravity feed up to 23 million gallons of raw water to the new treatment plant
- Methods: Microtunneling, float and sink, and Direct Pipe



PROJECT NAME	STATE/ PROVINCE	PROJECT TYPE	DIAMETER	LENGTH	METHOD	YEAR COMPLETED
Islamorada Transmission Main Replacement Project	FL	Water	36 in	26,500 ft	Open Cut & HDD	2025
Snake Creek Pumping Plant Discharge Pipeline	ND	Water	36 in	2,100 ft	Open Cut	2024
North Shore WWTP Conveyance Project	BC	Sanitary Sewer	82.5 in	34,449 ft	Microtunneling, Open Cut	2021
Blacklick Creek Sanitary Interceptor	OH	Sanitary Sewer	144 in	22,620	Tunneling (EPBTBM)	2020
CRD McLoughlin Point WWTP	BC	Sanitary Sewer	83.5 in & 36 in	400 ft	Microtunneling & HDD	2019

PROJECT NAME	STATE/ PROVINCE	PROJECT TYPE	DIAMETER	LENGTH	METHOD	YEAR COMPLETED
Lockbourne Intermodal Subtrunk	OH	Sanitary Sewer	82 in & 60 in	17,000 ft	Microtunneling, Open Cut, & Auger Bore	2019
Vista Ridge River Crossing Waterline Installation	TX	Water	60 in	1,000 ft	Conventional Tunneling	2019
Conduit #16	CO	Water	84 in	2,000 ft	Conventional Tunneling	2019
CRD McLoughlin Point WWTP	BC	Sanitary Sewer	42 in	3,083 ft	HDD	2018
Stormwater Management Facility Upgrades at Eastgate Lake	AB	Storm Water	48 in	1,800 ft	Microtunneling & Open Cut	2017
South Shore Force Main	FL	Water	42 in	3,983 ft	HDD	2016
Bay Tunnel	CA	Water	108 in	26,200 ft	Tunneling (EPBTBM) & Open Cut	2016
Port Mann Main No. 2 - Mary Hill Bypass Crossing	BC	Water	60 in	500 ft	Microtunneling	2016
McOrmond Drive Sanitary & Storm Sewer Trunks	SK	Sanitary Sewer & Storm Water	84 in & 48 in	10,000 ft	Tunneling (EPBTBM) & Open Cut	2015
Southern Delivery System Raw Water Pipeline	CO	Water	60 in	5,280 ft	Tunneling (EPBTBM)	2015

PROJECT NAME	STATE/ PROVINCE	PROJECT TYPE	DIAMETER	LENGTH	METHOD	YEAR COMPLETED
Silver Lake Reservoir Replacement Tunnel	CA	Water	96 in	2,893 ft	Tunneling (EPBTBM)	2014
Big Lake Sanitary W14 Offsite Sanitary Sewer	AB	Sanitary Sewer	48 in	7,500 ft	Microtunneling	2013
St. John's River Crossing Water Main	FL	Water	36 in	6,575 ft	HDD	2012
Jervis Forcemain No. 2	BC	Sanitary Sewer	72 in & 48 in	1,300 ft	Conventional Tunneling & Open Cut	2012
Portsmouth Segment 2	OR	Sanitary Sewer	66 in	6,000 ft	Conventional Tunneling & Open Cut	2011
UNWI 3 & 4	CA	Sanitary Sewer	84 in & 66 in	18,000 ft	Tunneling (EPBTBM) & Microtunneling	2009



ISLAMORADA TRANSMISSION MAIN REPLACEMENT PROJECT

PLANTATION KEY, FL | 2025

- 26,500 feet
- Open Cut, HDD
- 36-inch concrete-lined steel pipe



TVA WATTS BAR PROJECT

SPRING CITY, TN | 2023

- 850 feet
- Open Cut
- 78-inch HDPE
- Supplemental Condenser Cooling Water (SCCW)