

Vancouver International Airport

Jet Fuel Hydrant System Expansion

Project Description

As part of a 20-Year Master Plan, the Vancouver Airport Authority undertook an expansion of the domestic terminal facilities at Vancouver International Airport. The expanded domestic terminal is supplied with fuel through a new underground pipeline and hydrant system that is connected to the existing underground network. The \$6.5 million system provides in-ground fuelling for up to thirteen new aircraft gates. The facilities were built upon one of the oldest areas of the existing terminal where significant accumulations of petroleum product existed below ground, which were removed prior to the new construction.

Scope of Services

FSM Management Group Inc. (FSM Group) managed the planning, design and construction activities related to the underground jet fuel pipeline and hydrant system to complement the domestic terminal expansion. In addition, the deep excavation and remediation of the contaminated area was planned and managed by FSM Group. Upon completion of the project, FSM Group oversaw the commissioning and testing of the new system and certified it for use.



About Us

FSM Group provides airport fuel and glycol consortium administration services, aviation fuel and glycol infrastructure project and construction management services, engineering and environmental management services, business consulting, and structured finance solutions for aviation fuel, glycol storage and ground fuel facilities at airports throughout North America. We also provide fuel management systems and technology for aviation and ground transportation industries.

FSM Group is a multinational professional services firm with offices in Montréal, Orlando, Toronto, and Vancouver. We are currently managing several airport fuel facility construction projects, either under way or in the planning stage, which combined are valued in excess of \$500 million. For more information, please contact us at (514) 633-8750 or Info@FSMGroup.ca or visit FSMGroup.ca.