



## Capital Budget Request - DESIGN & CONSTRUCTION

Project Name **Fort McMurray WWTP Process Improvement Program** \$ **8,650,000**

Order Code Project Location Fort McMurray  
 Project Category Environmental Ward 1 - Fort McMurray  
 Type of Project Lifecycle - Construction Municipal Function 37 - Storm Sew & Drainage

### Project Description and Scope

The Fort McMurray Wastewater Treatment Plant process improvement project is required to address critical equipment in the facility requiring upgrades/replacements to improve safety, efficiency, lifecycle costs, maintainability and reliability to meet safety and regulatory compliance. The facility was designed 15 years ago, with critical components in the plant phased out by equipment manufacturers and requiring life cycle replacements such as chemical systems, PLC's, MCC's etc. Safety access to critical equipment will also be addressed. Plant improvements and operational efficiencies will be included.

The life cycle replacements/upgrades are critical to ensure continued operation of the facility to meet Alberta Environment operational approval requirements.

### Project Cash Flows

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2020 & Prior	-			-		
2021	100,000			100,000		
2022	100,000			100,000		
2023	1,700,000			1,700,000		
2024	2,250,000			2,250,000		
2025	2,250,000			2,250,000		
2026	2,250,000			2,250,000		
Thereafter	-			-		
<b>Total Budget</b>	<b>8,650,000</b>	-	-	<b>8,650,000</b>	-	-

### Additional Funding Details

Business Case created by Debbie Wier  
 Project Sponsor Branch Wastewater Treatment  
 Project Sponsor Department Environmental Services  
 Project Delivery Branch Engineering  
 Project Delivery Department Engineering Services