



## Capital Budget Request - CONSTRUCTION

<b>Project Name</b>	<b>Southeast Pumphouse 3rd Pump Installation</b>	<b>\$</b>	<b>400,000</b>
<b>Order Code</b>		<b>Project Location</b>	Fort McMurray
<b>Project Category</b>	Environmental	<b>Ward</b>	1 - Fort McMurray
<b>Type of Project</b>	New Asset - Construction	<b>Municipal Function</b>	41 - Water Sup & Distribution

### Project Description and Scope

The Southeast Pumphouse (SEPH) supplies potable water to Saprae Creek Estates, L. Robert Industrial Park, Fort McMurray First Nation and Anzac. With the RWSS program it will also soon supply water to Gregoire Lake Estates. A dedicated pumping system supplies water to the South Utility Corridor that supplies 468 FN, Anzac & GLE. Currently there is two pumps installed that operate as Lead Lag with no standby pump for backup. There is room for a 3rd pump to be installed. In order to maintain reliability of the system, the 3rd pump and associated electrical equipment is to be installed.

The scope of work is to include assessment of the actual and required refresh feed rate to the Southeast Pumphouse and Anzac. Redundant water supply options to the SEPH and maximum capacity flow along the South Utility Corridor are to be identified. Determine the sizing requirements of the 3rd pump and then complete multi-discipline design and construction. Other recommended upgrades from the assessment will be addressed in future projects.

### Project Cash Flows

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other	Debenture
2020 & Prior	-			-		
2021	400,000			400,000		
2022	-			-		
2023	-			-		
2024	-			-		
2025	-			-		
2026	-			-		
Thereafter	-			-		
<b>Total Budget</b>	<b>400,000</b>	-	-	<b>400,000</b>	-	-

### Additional Funding Details

<b>Business Case created by</b>	<u>Ruth Tiessen</u>
<b>Project Sponsor Branch</b>	<u>Water Treatment</u>
<b>Project Sponsor Department</b>	<u>Environmental Services</u>
<b>Project Delivery Branch</b>	<u>Engineering</u>
<b>Project Delivery Department</b>	<u>Engineering Services</u>