



Capital Budget Request - DESIGN

Project Name	Conklin Raw Water Pond - Design		\$	150,000
Order Code		Project Location	Conklin	
Project Category	Environmental	Ward	4 - Conklin/ Janvier/Anzac/Gregoire L	
Type of Project	New Asset - Design	Municipal Function	41 - Water Sup & Distribution	

Project Description and Scope

Conklin Water Treatment plant is directly supplied water from the Christina Lake via a raw water pumphouse at the same location. Conklin water treatment plant has no raw water storage, which puts the plant at risk if there an environmental upset in the lake which could compromise the quality of the water supply. The scope of this project would be for design of a raw water pond. A few years ago, the water quality was compromised when a vehicle drove into the lake near the raw water intake. This led the RMWB to carry out an extensive water quality testing to ensure that the water quality was safe for the community. The incident forced the RMWB to shut down the plant while the results were obtained. In emergency situations without the raw water pond, the Municipality will accrue an excessive cost of trucking water from the community of Janvier. A raw water pond will help the community of Conklin maintain the same service standards as other rural communities such as in Fort McKay and Janvier. These locations have a better chance of maintaining water distribution in case of supply offset such as high THM or an unfortunate case of vandalism.

Project Cash Flows

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other
2019 & Prior	-				
2020	150,000				
2021	-				
2022	-				
2023	-				
2024	-				
Thereafter	-				
Total Budget	150,000	-	-	-	-

Additional Funding Details

Business Case Created By	<u>Hughie Gilis</u>
Project Sponsor Branch	<u>Rural Operations</u>
Project Sponsor Department	<u>Public Works</u>
Project Delivery Branch	<u>Engineering</u>
Project Delivery Department	<u>Engineering Services</u>