REGIONAL MUNICIPALITY OF WOOD BUFFALO

Capital Budget Request - DESIGN & CONSTRUCTION

Project Name Ground Water and Subsurface Landfill Gas Monitoring Wells **$** 735,000

Order Code		**Project Location**	Fort McMurray
Project Category	Environmental	**Ward**	1 - Fort McMurray
Type of Project	Lifecycle - Construction	**Municipal Function**	43 - Solid Waste - Coll/Disposal

Project Description and Scope

In January 2019, Tetra Tech was requisitioned to complete a Subsurface Landfill Gas Monitoring program for the Regional Municipality of Wood Buffalo in accordance with section 4.7 of the Landfill Operating approval number 146658-01-00. As part of the Subsurface Landfill Gas Monitoring program, Tetra Tech identified 27 wells were required for the old landfill east of the Hangingstone River (13 wells) and the active landfill west of the Hangingstone River (14 wells). On January 28, 2019 the Operations Plan was submitted to Alberta Environment and Parks for approval. On July 11, 2019 Alberta Environment and Parks gave their approval of the proposed Subsurface Landfill Gas Monitoring program.

In addition, it was identified in the review of the annual reports that 5 addition ground water wells are required at the following locations; Dickinsfield Snow dump, Compost Facility, Fort McMurray Landfill and Old Anzac Landfill.

Project Cash Flows

Year	Total Annual Cost	Federal Grant	Provincial Grant	Reserve	Other
2019 & Prior	-				
2020	735,000				
2021	-				
2022	-				
2023	-				
2024	-				
2025	-				
Thereafter	-				
Total Budget	**735,000**	**-**	**-**	**-**	**-**

Additional Funding Details

Business Case created by Lyndon Payne

Project Sponsor Branch Solid Waste Services

Project Sponsor Department Public Works

Project Delivery Branch Engineering

Project Delivery Department Engineering Services