



## CASE STUDY

# REDCLIFF GOLF COURSE

Bank Stabilization - Erosion Control  
Redcliff, AB

## PROJECT SUMMARY

The Redcliffe Golf Club is a picturesque 18 hole Championship Golf Course, located west of Medicine Hat. In 2008, The Town of Redcliff planned to build several ponds at the course to provide storm water detention and irrigation support. Original design included rock riprap along the slopes of the pond to protect from wave erosion and water level fluctuation.

Propex offered a value engineered solutions with ARMORMAX® Engineered Earth Armoring Solution that was more cost effective and offered improved environmental performance. ARMORMAX is engineered to lock seeds and soil in place to promote rapid root development for long-term vegetation.

The result is a natural look versus the hard and colorless appearance of riprap. Today, this project has successfully withstood more than a decade of Canadian winters, including numerous freeze/thaw cycles.



## PROBLEM

Redcliff Golf Course needed storm water retention ponds that could withstand erosion and frequent freeze/thaw events



## SOLUTION

ARMORMAX was selected because it offered a cost effective and vegetated solution



# ARMORMAX®

Engineered Earth Armoring System

[PropexGlobal.com/Armormax](http://PropexGlobal.com/Armormax)



## FEATURES & BENEFITS

- Provides permanent erosion protection for up to 75 years
- Withstands both hydraulic and non-hydraulic stresses
- Ease of installation reduces time and labor costs
- Reinforces vegetation and promotes a living shoreline
- Outlasts other slope reinforcement methods yielding significant cost savings
- Promotes infiltration of surface water
- Available in green or tan to fit specific project needs
- Lightweight and easily transported into areas with access challenges



### 10 YEAR PERFORMANCE

This picture was taken in October 2019. After more than a decade, the ARMORMAX continues to provide robust protection against erosion.



### FLOURISHING VEGETATION

Native vegetation is well established providing a natural solution that supports a living shoreline.



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