

Indian Creek Erosion Control Case Study



The Midwest's Most Trusted Site Solutions Provider

Project: Indian Creek Golf Course

Salesperson: Lynn Ewoldt

Location: Elkhorn, Nebraska

Owner: Indian Creek Golf Course

Application/Solution:

Contractor: Nebraska Hydroseeding

Erosion Control using Profile Flexterra

Installed: May 2010

Market Sector: Private Commercial

case study



case study

Challenge

Many small trees and shrubs were inundating a small creek that ran through the Indian Creek Golf Course. Jim Nedrow, Head Superintendent, decided to clear the overgrowth and seed the banks with an easier to manage grass species. The need for some type of erosion control was imminent.

Solutions

Jim contacted Lynn Ewoldt, Sales Professional, from ASP Enterprises in Omaha. Several options were discussed from erosion blankets to coir logs for toe protection. A small dam upstream regulated the flow in the creek even during heavy rain events so using the coir logs for toe protection would have been overkill. The steepness of the banks and the resulting tree stumps from the clearing were enough to deter the use of erosion control blankets and staples. Lynn proposed the use of the Profile's Flexterra Fiber Reinforced Matrix to stabilize the steep slopes.

Results

Jason McCune with Nebraska Hydroseeding provided the installation of the product. The Flexterra product combines both chemical and mechanical bonding techniques to lock the engineered medium in place and promote accelerated germination with minimal soil loss. Jason noted that a rain event occurred while the installation was taking place. With no cure time needed for Flexterra, the hydromulching took place as planned. After a few months the slopes were fully vegetated. Jim and Indian Creek Golf Course were extremely please with the result.



1 Installation rate of 3500 lbs/acre.



2 Channel before installation.



3 Channel 2 weeks after installation.



Indian Creek Erosion Control Case Study continued



Products

Manufacturers included in solutions and product:

Product:

Flexterra

Manufacturer:

Profile Products



4 Creek before installation.



5 Creek 2 weeks after installation.



6 Channel 3 months later.



7 Creek 3 months later.

Company Information

ASP Enterprises, Inc. and Quick Supply Co. For more than three decades, A.S.P. Enterprises and Quick Supply Co. has served the erosion control industry with integrity and expertise. We provide engineers and landscape contractors the exceptional value for their money and have grown to become the Midwest's full-line distributor of erosion-control, geosynthetics, storm water management products, wall block, landscape pavers, and drainage products.

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