

# CASE STUDY ELK CITY SLIDE

## Rocky Mountain Bio Products

Location | Elk City, ID  
Salesperson | Tom Bowman  
Owner | Idaho Transportation Department

Contractor | Apex Erosion Control  
Date | August 2017



### 01 THE CHALLENGE

In February 2016, a devastating landslide occurred 10 miles west of Elk City, ID along State Highway 14. Fourteen tons of debris covered the highway, leaving Elk City and other small communities completely isolated. The landslide also wiped out power lines, leaving Elk City residents without electricity. Due to the severity of the situation, a permanent and reliable solution was essential.

### 02 THE SOLUTION

Rocky Mountain Bio Products Biosol, Humate and Mycorrhizae was used with Hamilton Manufacturing X9000 Bonded Fiber Matrix to cover the slope and facilitate growth and provide permanent erosion control. Contractor Apex Erosion Control used their own specialized machines designed to shoot farther than standard machines to apply the products. At one point during installation, Apex's machines were able to shoot almost 500 feet down the slope, making installation efficient. Installation was completed in August 2017.

# 03

# THE PRODUCTS



# 04

# THE RESULTS



As of June 2018, the site of the Elk City landslide is fully vegetated with healthy grass. No maintenance will be required for the site and the dangerous erosion that threatened the state highway is permanently contained.

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salesasp@aspent.com

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salesquick@quicksupplydm.com

Headquarters  
Des Moines, IA  
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Bowman Construction Supply  
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