

ECONOMIC COST DATA

Streambank and Shoreline Protection (580)

OKLAHOMA

**Cost Data**

**Typical Implementation Scenario**

**580.1 Streambank and Shoreline Protection**

For the purpose of stabilizing a stream bank. A typical job would consist of 100 ft of non stable 10 ft high bank to be stabilized with rock rip rap at a total cost of \$13,440.00

Data Source: 2006-2007 Actual Cost Data

Geographic Area: Statewide

Unit for Cost Estimate: CY

Practice Life (Years): 20

Discount Rate (%/Year): 5%

**Cost/Unit**

**Materials**

\$54.00

Includes Equipment/Installation, Labor and Mobilization Costs

Riprap 207 CY

Filter 41 CY

\$54.00/CY of Rock and Filter

**Equipment/Installation**

\$0.00

Included in Materials Cost

**Labor**

\$0.00

Included in Materials Cost

**Mobilization**

\$0.00

Included in Materials Cost

**Operation & Maintenance**

\$5.40

10% of Installation Costs, pest control.

**Acquisition of Technical Knowledge**

\$0.00

None

**Forgone Income**

\$0.00

None

**Risk**

\$0.00

None

**Administration & Permit Costs**

\$0.00

None

**Total Cost Estimate:**

**\$59.40**