

Cost of Restoration Analysis

ATV, Dirt-bike Motorcycle, and Four-wheel Drive Truck Damage Site Assessment

Site Name: _____ **Date:** _____ **Estimated Restoration Cost \$** _____

Site Location (County, township, city, nearest roadway, ect): _____

Map Reference and/or GPS Coordinates: _____

Description of damage: *See Off-Road Vehicle Effects Checklist*

- Vegetation Loss and Soil Compaction: hard, compacted surface (difficult to penetrate with finger, stick or pen)
- Rutting: trenches created by OHV tires
- Soil Erosion: visible evidence of water flowing downhill, soil displacement, soil loss; creating gullies or trenches in soil surface; turbidity and/or sedimentation in streams or other water sources

Approximate Area/Trail Miles: _____ **Date:** _____

Name(s) of Data Collector(s) _____

The dollar values in this analysis are estimates provided by Boreal Natives Restoration, a northern Minnesota landscape firm, in 2003. They are used to provide a yardstick for beginning to inventory the accumulating damage caused by ATVs, dirt-bike motorcycles and four-wheel drive trucks in Minnesota.

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Estimated Restoration Costs:

a. Vegetation loss, soil compacted. Flat terrain. erosion potential minimal. Lightly till and seed or seeding only. Costs based on 1/2 mile trail repair increments.

Site prep, seed and seeding as specified: X mile(s) x \$1600.00 per 1/2 mile trail = _____ \$

b. Vegetation loss, soil compacted and eroding. Rutting. Slopes. Erosion potential moderate. Smoothing, seeding and mulching required. Costs based on 1/2 mile trail repair increments.

Site prep, seed, seeding and mulching as specified: X mile(s) x \$2000.00 per 1/2 mile trail = _____ \$

c. Rutting, erosion, soil loss, fill needed. Steep slopes, hillsides, stream banks. Erosion potential severe. Fill, smoothing, seeding, erosion control required. Costs based on 300 ft. trail repair increments.

Site prep, seed, seeding and erosion control as specified: X feet x \$3500.00 per 300 ft. trail = _____ \$

Total Estimated Cost to Restore Site: \$ _____



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