The Art, Science, and Humility of Restoration

Region 6 Restoration Services Team

Lee Riley
Horticulturist/Restoration Specialist
Dorena Genetic Resource Center

Lynda Moore
Botanist/Restoration Specialist
Regional Office
R6 Restoration Services Team and Training Cadre

Scott Riley
Botany (RO-DES)

Lee Riley
Plant Materials (DGRC)

Lisa Winn
Silviculture (DGRC)

Matt Horning
Genetics (DES)

Vicky Erickson
Genetics (RO)

Lynda Moore
Botany (RO)

Kelly Evans
Botany (RO-OKAWEN)

Helen Lau
Botany (OKAWEN)
A Collaborative Approach
Services Offered
Planning

Soil Surveys
Vegetation Surveys
Limiting Factors
Site Resources
Plant Material Needs
Implementation

Seed and Vegetation Collection
Plant Materials
Outplanting Assistance
Monitoring
Transect
Fixed Photo Point

Year 0

Year 1

Year 3
Studies
Design
Implementation
Measurements/Reports
Supporting Facilities and Contracts
Dorena Genetic Resource Center
Lisa Winn, Manager

Blister rust screening

Port-orford cedar seed orchard

Native Plant Materials

Tree Climbing
Dorena Genetic Resource Center

Lee Riley, Horticulturist

Collection and Outplanting

Plant Materials

Propagation Protocols
R6 Bend Seed Extractory

Kayla Herriman, Manager

Seed Extraction
Freezer & granary seed storage
Seed inventory database
Seed testing & shipping
Training and consultations
Regional IDIQ Contracts

- Large pool of pre-qualified contractors
- Includes
  - Restoration Services
  - Plant Materials
  - Plant propagation
  - Seed collection
Innovative Approaches and Solutions
Roadside Revegetation:
An Integrated Approach to Establishing Native Plants

David Steinfeld, Scott Riley, Kim Wilkinson, Tom Landis, Lee Riley

http://www.nativerevegetation.org/learn/manual/
Improving Best Management Practices

Native Species for Pollinators
Application to seeds and soil

Incorporate into treated or amended ditches

Amended planting areas

Design into bioswales
Improving Best Management Practices

Planting Techniques

Expandable Stinger

Waterjet planter
Historic Columbia River Highway State Trail ‘D’
Historic Columbia River Highway State Trail ‘D’
• Early involvement
• Agency insight
• Suite of plants to support pollinators
• Endemic hawkweed (*Hieracium longiberbe*)
Historic Columbia River Highway State Trail ‘A-C’
Banks to Lowman Rockfall Mitigation Project
Banks to Lowman Rockfall Mitigation Project
I-90 Post Restoration
City of Bend
Water Pipeline Project
Riparian and Wetland Restoration

Construction under Tumalo Creek and through associated wetland
City of Bend
Water Pipeline Project
Riparian and Wetland Restoration

Wetland plant salvage
City of Bend
Water Pipeline Project
Riparian and Wetland Restoration

One year post-construction
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Region 6 Restoration Services Team
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