Private Forests Monitoring
Unit: Compliance Audit

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Outline – Compliance Audit

• Introduction
• 2016 report
• Next steps:
  – 2017 work
  – Complete the contract
  – New implementation study: reforestation
FPA Compliance Audit

• Goal: Determine state-wide FPA compliance
• Objectives:
  – Statistically-valid sampling
  – Compliance rates:
    • For industrial/non-industrial/other ownership
    • By Area (NWO/SOA/EOA)
RULE DIVISIONS ON THE LANDSCAPE

DIVISION 630 – The Harvested Area

DIVISION 625 – The Roads

DIVISION 640 – The RMA
Division 655
Water Protection Rules:
Protection Measures for “Other Wetlands, Seeps and Springs”

Division 660
Water Protection Rules for Operations near Waters of the State
External Review Team

Perspectives represented
Purpose: provide technical advice
Work completed in 2017, input on:
• Team charter
• Select rule for closer examination
• Outreach and education plan
• 2016 annual report
• Next phase of compliance audit
Oregon folks don’t take forests for granted.
2016: 100 sites statewide, stratified based on ODF Area, Ownership Class
2016: 24,838 sample points on 100 sites.

Non-Compliance means:
   a) Rule was pertinent,
   b) Rule not followed, and
   c) Sediment deposition to waters observed
2016 Results
100 sites, 57 rules
Overall compliance: 97 %

<table>
<thead>
<tr>
<th>AREA</th>
<th>COMPLIANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastern Oregon</td>
<td>96%</td>
</tr>
<tr>
<td>Northwest Oregon</td>
<td>98%</td>
</tr>
<tr>
<td>Southern Oregon</td>
<td>97%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LANDOWNER TYPE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Non-Industrial</td>
<td>96%</td>
</tr>
<tr>
<td>Private Industrial</td>
<td>98%</td>
</tr>
<tr>
<td>Other</td>
<td>97%</td>
</tr>
</tbody>
</table>
Compliance rates

- For ODF Areas, similar rates in 2013, 2014, and 2016 (96-98%)
- By ownership, similar rates in 2013, 2014, and 2016 (94-98%)
- By Rule Division:

<table>
<thead>
<tr>
<th>Rule Division</th>
<th>Description</th>
<th>2013</th>
<th>2014</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Several</td>
<td>Written plans</td>
<td>75%</td>
<td>83%</td>
<td>92%</td>
</tr>
<tr>
<td>625</td>
<td>Road Construction and Maintenance</td>
<td>97%</td>
<td>98%</td>
<td>98%</td>
</tr>
<tr>
<td>630</td>
<td>Harvesting</td>
<td>95%</td>
<td>93%</td>
<td>96%</td>
</tr>
<tr>
<td>640</td>
<td>Vegetation Retention Along Streams</td>
<td>98%</td>
<td>99%</td>
<td>99%</td>
</tr>
<tr>
<td>655</td>
<td>Protection for Other Wetlands</td>
<td>72%</td>
<td>83%</td>
<td>98%</td>
</tr>
<tr>
<td>660</td>
<td>Operations Near Waters of the State</td>
<td>99%</td>
<td>98%</td>
<td>99%</td>
</tr>
</tbody>
</table>
Sediment delivery by source

![Bar chart showing sediment delivery by source]

- **Trace-1**: 41 cases (Roads: 36, Skid trails: 5)
- **1.1-10**: 30 cases (Roads: 27, Skid trails: 3)
- **10.1-100**: 2 cases (Roads: 0, Skid trails: 0)
- **>100**: 3 cases (Roads: 0, Skid trails: 0)
Needs attention

• Small water bodies:
  • Small Type N: 71% of instances of sediment delivery
  • Small wetlands: improvements over time (72%, 83%, 98%)
• Properly removing temporary stream crossings
• Treating skid trails (BMPs)
• Road drainage & filtration near stream crossings
Needs attention (cont.)

• Road maintenance on steep terrain (landslides)
• Road maintenance: gullies & blocked drains
• Culverts: 50 year flows
• Sediment delivery
Compliance Audit – Next steps

2017
• Contractor nearly done
• 2017 annual report
• Analysis of all contract data (2013-2017)

Outreach and education plan

2018 and beyond
Small addition – reforestation rules (Division 610)
Compliance Audit: Values Created

• Focused training (internally and externally)
• Key Performance Measure for legislature
• Forest certification process
  – Useful for periodic review of management measures on timber source lands
Questions?

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