STEEP TERRAIN HAZARDOUS FUELS TREATMENT DEMONSTRATION

El Dorado County Fire Safe Council
Stakeholders Meeting
February 27, 2018
Tad Mason, CEO, TSS Consultants
Presentation Overview

- Value Proposition
- Project Sponsors and Partners
- Target Audience
- Impact Monitoring Techniques
- Equipment and Tools
- Communication and Outreach
- Project Schedule
Value Proposition

Conduct a five day fuels treatment demonstration on steep terrain in Northern California.

Raise awareness among stakeholders about fuels treatment technologies and techniques, how they have evolved, and how they can be deployed across diverse topography.

Targeted locations for the demonstration:

- On steep terrain
- Near major media market
- Near key target audience (including agencies and legislative staff)
Project Sponsors and Project Partners

Sponsors:
• USDA Forest Service (State and Private Forestry)
• Cal Fire (Forest and Private Forestry)

Partners:
• Cal Fire (Forest Stewardship Program)
• Watershed Training and Research Center
• Eldorado NF
• Sierra Pacific Industries
• TSS Consultants (Project Management)
• TSS Consultants (Project Management)
Target Audience

- Fire Safe Councils
- Fire Districts
- Electric utilities
- Media (all types)
- County and city planners
- Homeowner associations
- NGOs, conservation community agencies
- Local Tribes
- Agencies
- Fire Districts
- Resource managers
- Foresters
- Fuels treatment contractors
- Others
- County and city planners
- Homeowner associations
- NGOs, conservation community agencies
- Local Tribes
- Agencies
- Fire Districts
- Resource managers
- Foresters
- Fuels treatment contractors
- Others
Equipment and Techniques

- Conventional equipment and techniques
- Innovative equipment and techniques
- All equipment capable of operating safely on steep terrain (30%+ slope conditions)
Working closely with the Watershed Research and Training Center and UC Coop Extension to set up monitoring protocols:
- Soils Impacts
- Economic analysis (cost per hour and per acre)
- Fuels treatment effectiveness
- Impact Monitoring
Communication and Outreach

• Work closely with Eldorado NF, Cal Fire, Sierra Pacific Industries and UC Extension to:
  • Generate a target audience database
  • Produce a Communications Plan for targeted outreach to local audiences and media
  • Work closely with Eldorado NF, Cal Fire, Sierra Pacific Industries and UC Extension
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<thead>
<tr>
<th>TASK</th>
<th>START</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment Supplier/Manufacturer Interface</td>
<td>October 2017</td>
<td>March 2018</td>
</tr>
<tr>
<td>Communications Plan</td>
<td>September 2017</td>
<td>August 2018</td>
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<td>Demo Days (Target Audience Participation)</td>
<td>June 8, 2018</td>
<td>August 2018</td>
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<tr>
<td>Demo Implementation (Including Equip Monitoring)</td>
<td>June 5, 2018</td>
<td>October 2018</td>
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<td>Pre-Demo Site Conditions Assessment</td>
<td>May 2018</td>
<td>March 2018</td>
</tr>
<tr>
<td>Post-Demo Site Conditions Assessment</td>
<td>August, 2015</td>
<td>October 2018</td>
</tr>
<tr>
<td>Draft Final Report</td>
<td>June 2018</td>
<td>August 2018</td>
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<td>Final Report and Dissemination of Results</td>
<td>September 2018</td>
<td>November 2018</td>
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<td>Acceptance of Final Report</td>
<td>September 2018</td>
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Project Schedule
Past Reports:

https://tssconsultants.com/reports-papers/

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