

Project Name: George Community Fuels Reduction

Contact Information:

Project Sponsor: Clackamas Soil & Water Conservation District, [REDACTED]
[REDACTED] [REDACTED]

[REDACTED] (Technical support for all phases of this project from concepts to completion)
[REDACTED] [REDACTED]

[REDACTED] George resident, proposal development, outreach, project drawings & specifications preparation. Certified Tree Farmer with current forest stewardship management plan (OTFS: OR-5931.01 & .02)
[REDACTED] [REDACTED]

Treatment Location:

The proposed project encompasses 486 acres over eight property ownerships including 141 acres of new fuels reduction treatments (both grant-funded and leveraged) within a mix of moderate (mainly) and low wildfire risk areas. George, with a population of about 200, is a rural community eight miles northeast of Estacada and is largely bordered to the east, south and north by Weyerhaeuser and to the west by the BLM and Clackamas Soil & Water Conservation District properties. The project will reduce wildfire risk in the community, situated within a Douglas-fir (predominantly) and mixed hardwoods forest. The project area includes about 250 acres of previous fuels reduction treatments. Not included in this work are pasture and Christmas tree land use within project boundary. All landowners have agreed to participate. Ownerships range in size from eight to 134 acres; several landowners own multiple parcels. **No** landowner owns more than 160 acres.

Description of Treatment Activities:

Public infrastructure protection (roadways and adjacent electric lines) and shaded fuel break improvements along portions of Belfils, Kowall and George roads will occur (Priority 2). Eight properties will be treated, extending protections community-wide. (Priority 3). Treatments will be performed by contractors (104 acres, minimum, grant-funded) and landowners (37 acres, in-kind), addressing drought, insects, disease, and invasive species stressors, and wildlife habitat enhancement (Priority 4). Residual material will not exceed 3" diameter nor extend beyond 24" above ground (except for isolated piles and large wood for habitat). Maintenance plans: continued pruning, brush and invasive species control utilizing mechanical methods and limited herbicides. Proposed fuel reductions, combined with past efforts will provide the community with protections along a broad swath. To maximize funds and geographic extent, only highest risk portions of each woodland property within the community's highest risk properties will be addressed. Community members are motivated as evidenced by the in-kind work and cash donations committed.

Wildfire Risk Reduction Details (Priority 1)						
Property Owner (see map)	Vulnerable Population Attributes	Acres Owned	Treated Acres	Treatment Activities	In-kind labor and/or cash contributions?	Will Residential Infrastructure be Protected?
P1	E, HC	134	30	M, ISC, 2 stands	✓	✓
P2	None	81	34	M, P8, PCT, ISC, CSP, 2 stands	✓	✓
P3	E	39	16	PCT, CT, M, P8, ISC, WHE, CSP, 10 stands	✓	✓
P4 OTFS	None	83	22	PCT, P16, ISC, WHE, 2 stands (ALL work in-kind)	✓	No residence
P5	None	19	3	M, P8, 1 stand,	✓	✓
P6	HC	12	7	M, P8, ISC, CSP, CT, 2 stands	✓	✓
P7	E, HC	8	6	PCT, CT, P8, CSP, 3 stands	✓	✓
P8	None	110	23	PCT, M, P8, CSP, ISC, 1 stand	✓	✓
Total Acres		486	141			

Table Notes: CSP = Chip Slash Piles, CT = Commercial Thinning (**Outside of grant, paid by owner**), E= Elderly, HC = Health Conditions, ISC = Invasive Species Control, M = Mastication, OTFS = Oregon Tree Farm System, PCT = Precommercial Thinning (<8" DBH), P8 or P16 = Pruning to 8' or 16', WHE = Wildlife Habitat Enhancement

Description of the Anticipated Benefits:

George, historically known as “Germanburn” due to past, large wildfires, has only one evacuation road out of the community, and is surrounded by large tracts of industrial, public and institutional forestlands. Therefore, the George community must do what it can to minimize risks due to wildfire hazards. With cooperation between adjacent, disparate landowners, all have agreed to work together, share resources and labor, and monetarily donate to this project to achieve the common goal of reducing these increasingly serious risks. Additional Priorities addressed:

Priority 5: Treatment areas are adjacent, or in proximity, to previously treated parcels, see attached map. (Combining proposed treatments with all existing treatments yields about 427 treated acres across 741 acres of overall project ownerships.)

Priority 6: Four of the eight identified landowners are categorized as vulnerable, being either elderly and/or with chronic health conditions.

Priority 7: The project falls within four strategic planning areas:

1. The NRCS Conservation Implementation Strategy Areas:
 - a. Forest Resiliency in the Face of Climate Change
 - b. Forest Management Planning
2. Oregon Conservation Strategy’s COA ID 65 (Clackamas River & Tributaries)
3. The OWEB Focused Investment Partnership “Aquatic Habitat for Native Fish Species” for the “Clackamas Restoration for Native Fish Species,” which includes Suter Creek (medium, type SSBT) and Eagle Creek (large, Type F) watersheds within the project boundary.

Priority 8: 10 cords of fuels will be repurposed into firewood, to be donated to the Estacada Area Food Bank for distribution to those in need.

Timeline:

- Notice of award given, Develop project drawings and specifications: March/April 2022
- Pre-bid meeting with pre-qualified contractors, Select contractor, kick-off meeting: April/May 2022
- Obtain necessary permits: May 2022
- Fuel treatment work begins Summer 2022 (may extend into Fall/Winter (plus pruning live limbs) if drought or manpower conditions require)
- Project update to ODF, Summer 2022.
- Seedling planting where required, January/February 2023
- Final invoice & project report to ODF, Project complete by no later than June 15, 2023

Budget:

Grant amount requested: \$294,420.00 Total project cost: \$435,340.00

Sum of cost categories 1 – 5 = \$0.00 (ALL grant funds go to contractor. ALL project management expenses are in-kind.), Service provider assistance: \$0.00 to grant (ALL in-kind.)

Leverage Source	Hours	Hourly Rate	Amount
Community			
• Labor for <u>proposed</u> fuels reduction (P2 12 acres – \$8,000, P3 4 acres – \$3,440, P4 22 acres - \$18.7k, P5 3 acres - \$600, P6 4 acres - \$700)	1572	\$20	\$31,440
• Labor for <u>recent</u> fuels reduction (P4 – 27 acres, Smith 9 acres)	1900	\$20	\$38,000
• Project assistance & proposal development (Bugni)	180	\$95	\$17,100
• Community cash donations to project			\$17,500
• 10 cords firewood donated to food bank			\$2,000
Clackamas Soil & Water Conservation District			
• Project management	91	Varies	\$5,177
• 2019-21 fuels reduction/forest health treatments on their property			\$25,211
Glenn Ahrens			
• Mileage for all parties (500 miles @ \$0.585/mile)	60	\$70	\$4,200
			\$292
Total Leverage			\$140,920

**Oregon Department of Forestry
Small Forestland Grant Program
Budget Calculation Sheet**

Instructions: Fill out blue-bordered boxes

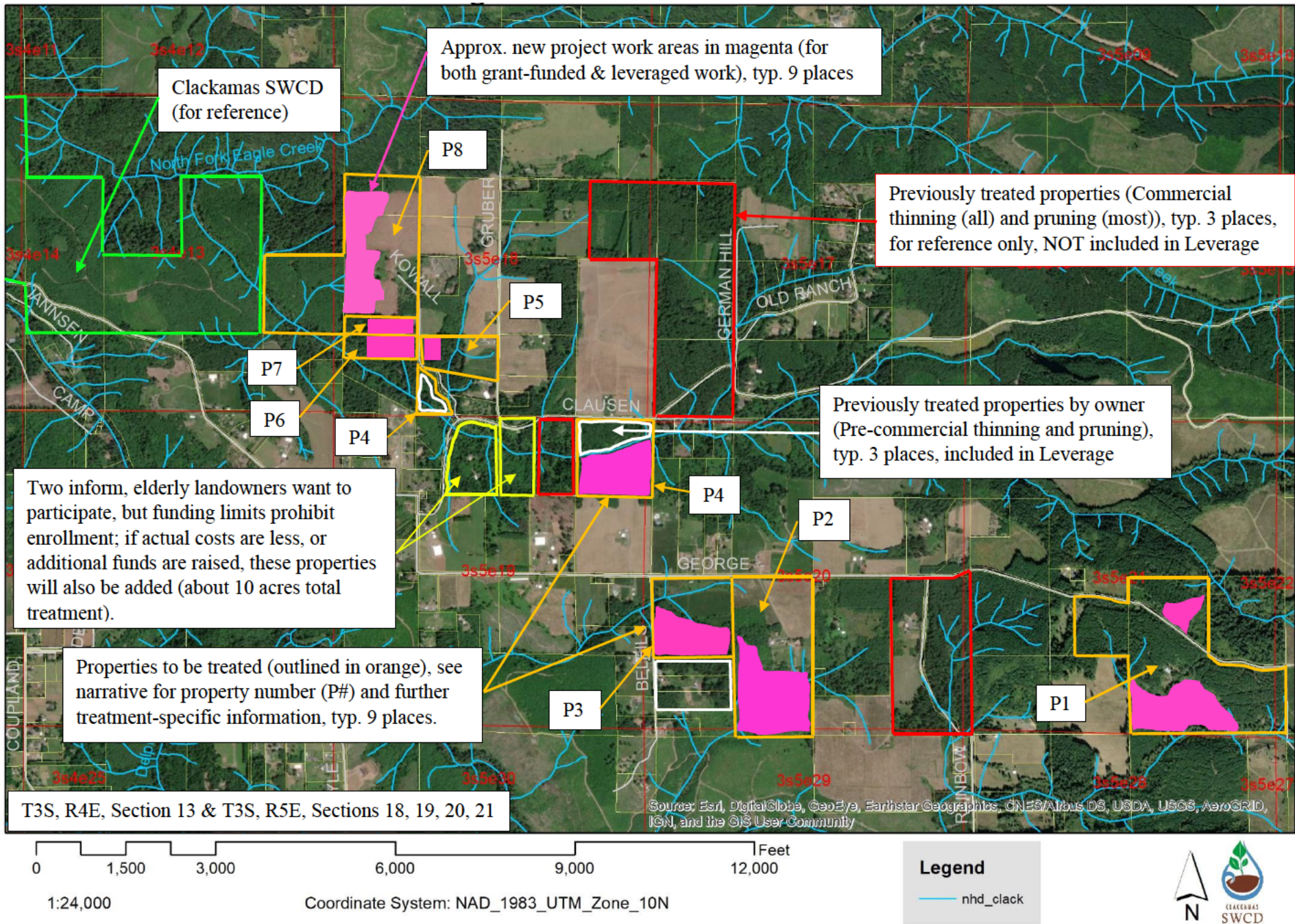
Grant Agreement #/Project Name: _____ # _____ / George Community Fuels Reduction

Deliverables	
Below are examples, replace with your projects quantified treatment activities (acres)	
1	43 acres of pre-(non)commercial thinning
2	91 acres of pruning to heights of 8 or 16 feet (depending upon owner). Hand & mechanized pruning saws will be used to minimize tree damage.
3	87 acres of mowing/mastication (varies between light to heavy and from blackberries to trees up to 8" DBH)
4	64 acres of slash piled and chipped
5	80 acres of invasive species treatments (some overlap with mowing/mastication), primarily patches of invasives interspersed between the trees.
6	5 acres of tree seedlings planted (Doug-fir & western redcedar following large patches of invasive species control)
7	10 cords of firewood, all donated to the Estacada Area Food Bank (see Leverage Source breakdown in narrative)
8	19 acres of commercial thinning (CT). NO grant funds will be applied to these efforts; however, commercial thinning is needed to reduce high 8" DBH (and greater) tree densities and is reported here for completeness. All commercial thinning activities will be paid for by those owners that require it. Some funds will be returned to project as cash contributions.
9	300 cubic yards of existing slash piles chipped
#	Add deliverables as needed
#	Add deliverables as needed
Treatment Footprint	141 Acres (Note: due to multiple treatment types occurring within same area, treatment footprint is less than the sum of the treatment activities described above. For example, mastication to reduce tree stocking density followed by pruning of remaining trees will occur in the same areas.) A combination of contractor-provided & in-kind services.

Cost Category	Grant Request	Leverage (25% required)		Total Project Cost
		Match (if any)	Leverage (if any)	
1. Personnel	\$ 0.00	\$ 94,387.00	\$ 4,055.00	\$ 98,442.00
2. Fringe Benefits	\$ 0.00	\$ 1,530.00	\$ 1,036.00	\$ 2,566.00
3. Travel	\$ 0.00	\$ 292.00	\$ 0.00	\$ 292.00
4. Equipment	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
5. Supplies	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
6. Contractual	\$ 294,420.00	\$ 0.00	\$ 20,120.00	\$ 314,540.00
7. ODF (if applicable)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
8. Indirect	\$ 0.00	\$ 19,500.00	\$ 0.00	\$ 19,500.00
Total	\$ 294,420.00	\$ 115,709.00	\$ 25,211.00	\$ 435,340.00

Narrative justification by line item: totals should match claim above.

For each line item	Detail by position or item cost, rate, number of units, and subtotals. Tie costs to Deliverables. Example: Personnel and Fringe (\$1,480 and \$740=\$2,220) for 1 Ecologist working 40 hours @ \$37/hour to treatment plan 100 acres of fuel treatments
Personnel & Fringe	No personnel or fringe expenses are to be purchased using the grant funds. Refer to the "Leverage" table at the end of the proposal narrative for a categorical breakdown of each labor or professional service-related, in-kind contribution. The Clackamas SWCD has provided their Fringe costs breakdowns and are included in this cell.
Travel	All in-kind mileage expenses: 500 miles @ \$0.585/mi = \$292.00 (in the Leverage section). Includes miles driven to project site by community members (outreach, proposal & project documents development and periodic inspections), SWCD personnel (periodic inspections) and Glenn Ahrens (technical consultations).
Equipment	No equipment is to be purchased using these funds.
Supplies	No supplies are to be purchased using these funds.
Contractual Payments	Grant funds are solely to pay for contractor fuels reduction services. The cost estimate was developed from independent conversations with two SWCD-approved contractors. All areas to be treated can be accessed with ground-based equipment. Only costs for mobilizations (\$13,000), mowing/mastication (\$1,950 - \$2,400/Ac), precommercial thinning (\$2,000/Ac), pruning (\$900/Ac), chipping of new & existing slash (\$700/50 CY pile) and invasive species control (\$2,220/Ac to remove/spray/replant for areas not masticated) are included. Prevailing wage utilized.
ODF (if Applicable)	Not Applicable.
Leverage Sources	See included Leverage table in the proposal for more information about each source. In discussions with Interfor-Molalla, currently no market exists for 5"-7" DBH Doug-fir other than pulp. It is unknown if pulp prices will be maintained at their current level; but if they will, additional acreage can be added to this project, as property P8 has about 30 more acres of such sized trees that need to be thinned (at owner's cost) and the pulp revenue could be used to offset logging costs and count as additional leverage. Status will not be known until time of contractor bid.
Indirect Costs	No indirect costs are incurred using these funds. However, we are including in-kind contributions in this category: cash provided by community members and firewood donated to the Estacada Area Food Bank for distribution to those in need in our community. A complete, detailed tabulation of all estimated project costs, in-kind services and cash contributions can be provided upon request (level of detail for such a complex project involving differing stand ages/ types, multiple mobilizations and landowners exceeds space permitted in this application).



George Community Fuels Reduction, Project Sponsor: Clackamas Soil & Water Conservation District

Number of Panel Reviewer #1		Project Name	George Community Fuels Reduction	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	17	
Reviewer Comments	480 acres: Residual material will not exceed 3" diameter nor extend beyond 24" above ground (except for isolated piles and large wood for habitat). Maintenance plans: continued pruning, brush and invasive species control utilizing mechanical methods and limited herbicides. Proposed fuel reductions, combined with past efforts will provide the community with protections along a broad swath.			
2	Project protects infrastructure, creates shaded fuel breaks along roadways, or is in a Wildfire Risk Class of High or Extreme (HUC 6 watershed)	15	12	
Reviewer Comments	Public infrastructure protection (roadways and adjacent electric lines) and shaded fuel break improvements along portions of Belfils, Kowall and George roads will occur. Low wildfire risk.			
3	Project treats or protects multiple properties	15	15	
Reviewer Comments	Eight property ownerships.			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	15	
Reviewer Comments	Treatments will address drought, insects, disease, and invasive species stressors, and wildlife habitat enhancement.			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	With cooperation between adjacent, disparate landowners, all have agreed to work together, share resources and labor, and monetarily donate to this project to achieve the common goal of reducing these increasingly serious risks.			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	Four of the eight identified landowners are categorized as vulnerable, being either elderly and/or with chronic health conditions. George has only one evacuation road out of the community, and is surrounded by large tracts of industrial, public and institutional forestlands.			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	10	
Reviewer Comments	The project falls within four strategic planning areas: 1. The NRCS Conservation Implementation Strategy Areas: 2. Oregon Conservation Strategy's COA ID 65 (Clackamas River & Tributaries) 3. The OWEB Focused Investment Partnership "Aquatic Habitat for Native Fish Species" for the "Clackamas Restoration for Native Fish Species,"			
8	Project utilizes non-traditional forest products	5	4	
Reviewer Comments	10 cords of fuels will be repurposed into firewood, to be donated to the Estacada Area Food Bank for distribution to those in need.			
Final Score		Out of 100	93	

Number of Panel Reviewer #2		Project Name	George Community Fuels Reduction	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	20	
Reviewer Comments	well articulated, multiple specifics included			
2	Project protects infrastructure, creates shaded fuel breaks along roadways, or is in a Wildfire Risk Class of High or Extreme (HUC 6 watershed)	15	15	
Reviewer Comments	moderate & low risk (although highest risk areas/properties receiving primary attention; infrastructure protection; shaded fuel breaks			
3	Project treats or protects multiple properties	15	15	
Reviewer Comments	8 properties			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	15	
Reviewer Comments	all addressed			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	yes			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	yes			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	10	
Reviewer Comments	yes			
8	Project utilizes non-traditional forest products	5	5	
Reviewer Comments	firewood for community/folks in need			

Final Score

Out of
100

100

Number of Panel Reviewer #3		Project Name	George Community Fuels Reduction	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	18	
Reviewer Comments	Excellent detail, clearly describes what is being proposed and mentions maintenance			
2	Project protects infrastructure, creates shaded fuel breaks along roadways, or is in a Wildfire Risk Class of High or Extreme (HUC 6 watershed)	15	15	
Reviewer Comments	Fuel breaks			
3	Project treats or protects multiple properties	15	15	
Reviewer Comments	Yes			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	13	
Reviewer Comments	Mentions leaving large wood for habitat, treating invasives			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	Yes			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	Great description here			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	10	
Reviewer Comments	Several plans noted			
8	Project utilizes non-traditional forest products	5	5	
Reviewer Comments	Yes			
Final Score		Out of 100	96	

Number of Panel Reviewer # 4		Project Name	George Community Fuels Reduction	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	20	
Reviewer Comments	CSWCD does a good job of describing projects within their area			
2	Project protects infrastructure, creates shaded fuel breaks along roadways, or is in a Wildfire Risk Class of High or Extreme (HUC 6 watershed)	15	13	
Reviewer Comments	Working with multiple landowners the project will enhance roads and structures within the working area			
3	Project treats or protects multiple properties	15	14	
Reviewer Comments	The project has good landowner's who are willing to participate and work			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	13	
Reviewer Comments	While reducing fire risk the project will provide benefits to these other concerns			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	Show a strong effort to collaborate			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	Project will assist elderly and medical challenge landowners			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	8	
Reviewer Comments	The project will be working under Multiple Area Strategic plans			
8	Project utilizes non-traditional forest products	5	4	
Reviewer Comments	Will make best use of all forest products			
Final Score		Out of 100	92	

Number of Panel Reviewer # 5		Project Name	George Community Fuels Reduction	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	20	
Reviewer Comments	Treatment activities listed by landowner, remaining material specifications provided			
2	Project protects infrastructure, creates shaded fuel breaks along roadways, or is in a Wildfire Risk Class of High or Extreme (HUC 6 watershed)	15	10	
Reviewer Comments	Homes, Roadways, low and moderate risk			
3	Project treats or protects multiple properties	15	15	
Reviewer Comments	Lists 8-9 pre-identified landowners, with treatment specifications listed an identified on map			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	10	
Reviewer Comments	Insects and diseases, drought, invasive species and wildlife addressed, did not specify conditions other than listing additional resource concerns			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	Lists multiple past treatments and displayed them on the map.			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	Donating firewood to a local food bank, half of landowners receiving treatment are perceived vulnerable			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	10	
Reviewer Comments	Lists 3 priority planning areas and one OTFS owner			
8	Project utilizes non-traditional forest products	5	5	
Reviewer Comments	10 cords of firewood to be donated to community members in need (via food bank			
Final Score		Out of 100	90	