

Project Name: Wagner Creek Fuels Reduction Project

Contact Information

Applicant sponsor:

██████████
Jackson Soil and Water Conservation District

██████████
████████████████████

Landowners:

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Treatment location (150-word limit)

This project will treat three tax lots classified as woodland resource in Jackson County in Talent, Oregon. The properties are within a HUC_6 classified as a very high wildfire risk and are at high risk from local and large fires. The project area is 50-acres across two property ownerships and is located along the gentle slopes just to the east of Wagner Creek. Forests on the properties are dense with small and large diameter trees and shrubs, moderate to high fuel loadings, and structural characteristics that increase the risk of a high severity fire. Additionally, the catastrophic Almeda Fire of Labor Day 2020 has emphasized the urgency for additional work in Talent, especially in and near WUI areas.

Description of Treatment Activities (350-word limit) - Describe proposed treatment activities including who will be completing treatments (contractor, landowner, project sponsor or ODF). Quantify or explain how priorities 1, 2,3, and 4 are addressed.

Priority 1: This goal of the project is to decrease the threat of uncharacteristically severe fire by completing forest stand improvement actions to increase resiliency to drought, fire, insects, disease and climate change; and provide fire resilient vegetation, and healthy oak and old growth habitat. To achieve these desired outcomes, 50 acres over three tax lots will be treated. Variable density thinning on trees 8” or less dbh and mastication will be applied to 25 acres on the ██████████ property. This initial entry will treat an undesirable tree density of trees mostly composed of 2-8” madrone, cedar and Douglas fir, and an overgrown understory composed of blackberry, poison oak, manzanita, and other species. Thinning using hand tools in heavy growth areas on 5 acres will be used to treat high density manzanita and understory species growth in an oak savannah. On the ██████████ property, prescribed fire on 14 acres will treat regrowth of undesirable and highly flammable understory species. Thinning using hand tools in a light area of regrowth will be used to treat an additional 6 acres. The creation of fuel breaks in strategic locations will help protect ingress/egress to the project and neighboring properties, including protection of the Frederick Lateral of the Talent Irrigation District which bisects both properties. Treatment prescriptions will be designed, as much as possible, with the complimentary goal to improve overall forest health and resilience, as well as to protect and improve wildlife habitat and areas of high ecological integrity.

Priority 2 and 3: This project will protect infrastructure on three tax lots in an area classified as High Wildfire Risk. Treatment actions and ground management for the project will be completed by a combination of landowner labor and equipment use and local contractors. Jackson Soil and Water Conservation District will provide oversight.

Priority 4: Slash treatments will be applied on 36 acres not treated by prescribed fire to treat the woody plant residue created during the treatment operations and recent storms. Lop/scatter, chipping, and piling and burning will be used. Two wildlife habitat brush piles will be placed every five acres treated.

Description of the anticipated benefit (250-word limit) Quantify or explain how priorities 5, 6, 7, and 8 are addressed.

Priority 5: This project builds upon significant previous state, local, and federal investments in fuels reduction work adjacent to the project area. The [REDACTED] property (20 acres) had an initial treatment as part of the Ashland All-Lands Restoration project (AFAR) project several years ago, and the [REDACTED] property (30 acres) had been eligible to do so but didn't. The properties adjoin three others that recently had fuels reduction work completed through the AFAR. The project location is on the other side of Wagner Creek from the new multi-partner West BAER project that will treat 27,000 acres of public and private lands. Neither of the properties in this project were eligible for that.

Priority 6: The [REDACTED] property has not been treated for heavy fuel loads in at least 50 years. The owners lived out of the area until recently, and the property has lacked active management in the past. Furthermore, this neighborhood is rural, in the WUI, and is served by one ingress/egress route and several neighboring landowners are elderly and vulnerable.

Priority 7: One of the properties, the [REDACTED] property, has an NRCS Conservation Plan and a Lomakatski Restoration Project Forest Plan that identify and describe prescriptions, treatments, and follow-up maintenance. The [REDACTED] will develop a forest and maintenance plan in partnership with the NRCS.

Priority 8: Large trees felled, or trees that fell during recent storms, will be cut into firewood and be contributed to the community supply that serves the 8 neighboring households. All activities will follow the Forest Practices Act.

Timeline for implementation (75-word limit, Bullets preferred)

- Grant proposals due 1/21/2022 and 2/2/2022 projects awarded are notified.
- Feb – March, 2022 – Ground logistics planned.
- March – May, 2022 – Mastication begins. Slash treatment will follow implementation, including cutting firewood.
- June – October, 2022 – Fire restriction season. Slash piles created for fall/winter burning. First invoice due and project update provided.
- October – May, 2023 – Mastication, thinning, and prescribed burn will be implemented.
- May – June, 2023 – Project inspection and final invoice. Project report provided to project sponsor and ODF.

Budget (150-word limit) and complete the provided Budget Worksheet - Briefly describe the fiscal structure of the project: grant amount requested, total project cost, percentages to sponsor (Sum of Cost Categories 1-5) and service provider assistance (ODF or OSU, 7). List Leverage sources and amounts. Complete the Budget Worksheet.

Jackson Soil and Water Conservation District is the project sponsor and will administer the funds. The landowners will hire the contractors and manage the ground operations and track expenses. Landowners will be on the ground and active during implementation. They have extensive experience in forestry and fuels reduction.

Grant amount requested is \$59,840, total project cost is \$79,240, total indirect cost to sponsor is \$5,440. Leverage amount of \$19,400 is from the landowners and include labor cost \$14,400 and equipment use \$5,000.

Budget amounts were sourced from NRCS cost-share rates used in local forest fuels reduction projects. Terrain and access difficulty were also factored in the total amounts.

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

Instructions: Fill out blue-bordered boxes

Grant Agreement #/Project Name: # _____ / Wagner Creek Fuels Reduction Project

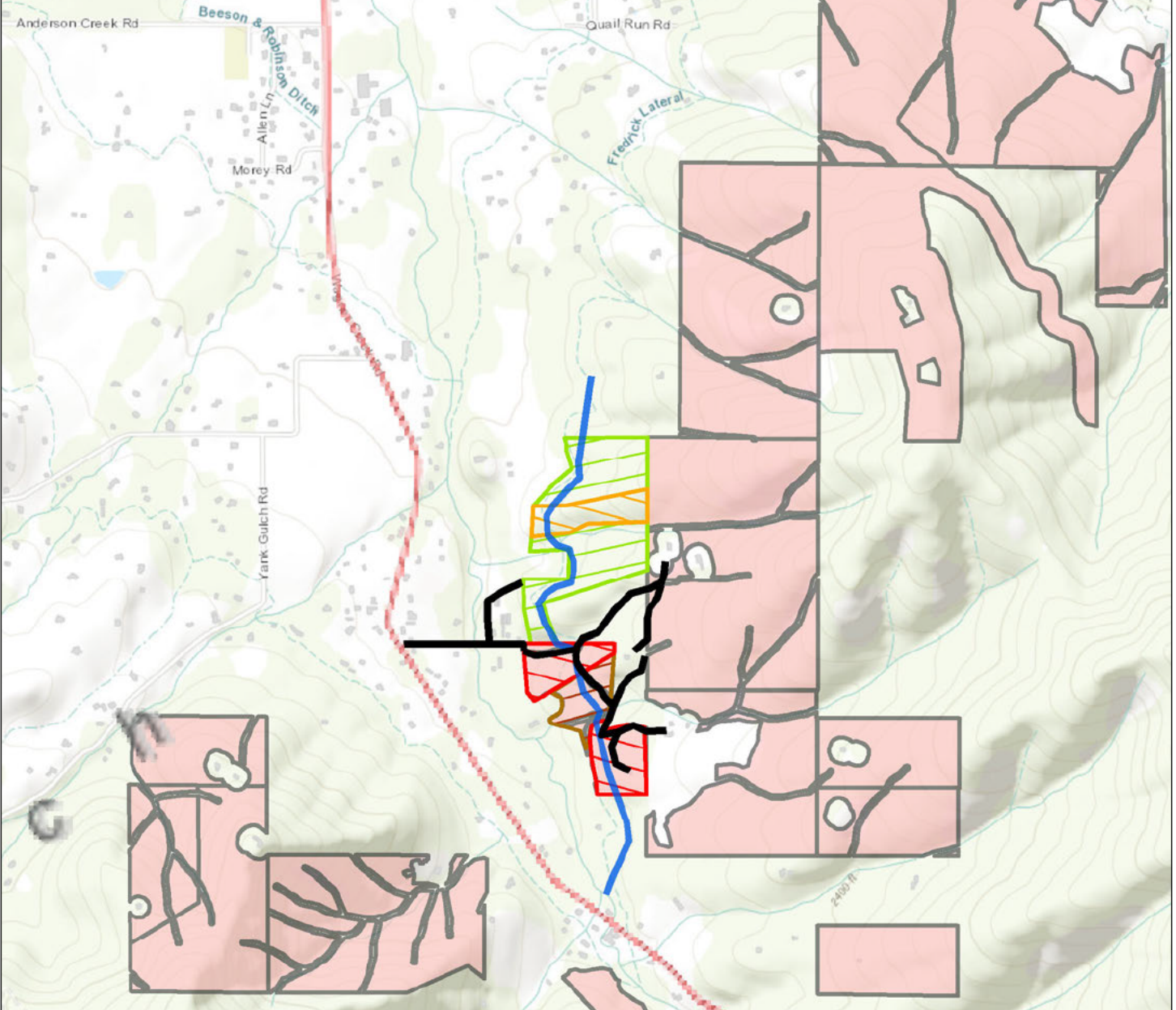
Deliverables	
Below are examples, replace with your projects quantified treatment activities (acres)	
#	25 Acres - Forest Stand Improvement - Competition control, mastication, mechanical, heavy equipment
#	5 Acres - Thinning - Hand tools, heavy
#	14 Acres - Prescribed Burn - Burn regrowth in previously treated areas
#	6 Acres - Thinning - Hand tools, light
#	36 Acres - Slash Treatment - Treat woody plant residue in treatment areas. Lop/scatter (5-10ac), chipping (5-10ac), piling and burning (15-20ac).
#	8 Acres - In the Forest Stand Improvement - Large trees, recent storm damage - cut into firewood for community supply. It's estimated this will result in 6-8 cords.
#	Add deliverables as needed
#	Add deliverables as needed
#	Add deliverables as needed
#	Add deliverables as needed
#	Add deliverables as needed
Treatment Footprint	50 Acres (36 will receive slash treatment after the other actions)

Cost Category	Grant Request	Leverage (25% required)		Total Project Cost
		Match (if any)	Leverage (if any)	
1. Personnel			\$ 14,400.00	\$ 14,400.00
2. Fringe Benefits				\$ 0.00
3. Travel				\$ 0.00
4. Equipment			\$ 5,000.00	\$ 5,000.00
5. Supplies				\$ 0.00
6. Contractual	\$ 54,400.00			\$ 54,400.00
7. ODF (if applicable)				\$ 0.00
8. Indirect	\$ 5,440.00			\$ 5,440.00
Total	\$ 59,840.00	\$ 0.00	\$ 19,400.00	\$ 79,240.00








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

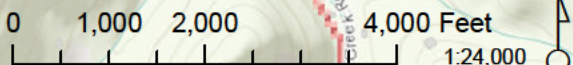
For each line item	Detail by position or item cost, rate, number of units, and subtotals. Tie costs to Deliverables. Example: Personnel and Fringe (\$1,480 and \$740=\$2,220) for 1 Ecologist working 40 hours @ \$37/hour to treatment plan 100 acres of fuel treatments
Personnel & Fringe	Personnel leverage amount accounts for landowner labor and project management. It assumes 20 hours/month for 18 months at \$40/hour. This will likely be greater than this budgeted amount.
Travel	
Equipment	This leverage amount accounts for use of landowner excavator and skid steer with attachments for initial entry and mastication. This assumes cost of equipment \$200/acre to treat 25 acres.
Supplies	
Contractual Payments	This project cost will be for contractors for applied treatments. It assumes: Forest Stand Improvement - operator and ground crew at \$800/acre, Thinning, heavy - \$600/acre, Thinning, light - \$500/acre, Prescribed burn -\$1000/acre Slash Treatment - \$400/acre
ODF (if Applicable)	
Leverage Sources	
Indirect Costs	This is for the administrative and oversight costs associated with the grant for the sponsor organization. This number represents 10% of contractual costs for the project.

**Wagner Creek Fuels Reduction Project
Talent, Oregon
Sponsor: Jackson Soil and Water Conservation District
T:39S R:1W Sec:2**



Legend

-  Ingress_Egress
-  Talent Irrigation District
-  AFAR Treated Properties
-  _Controlled Burn
-  _Thinning, Hand Tools, Light
-  _Thinning, Hand Tools, Heavy
-  _Forest Stand Improvement



Projected Coordinate System: NAD_1983_UTM_Zone_10N
Projection: Transverse_Mercato

Sources: Esri, HERE, Garmin, IntraMap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community, Sources: Esri, Garmin, USGS, NPS

Number of Panel Reviewer #1		Project Name	Wagner Creek	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	16	
Reviewer Comments	50 acres: Variable density thinning on trees 8" or less dbh and mastication will be applied to 25 acres. Prescribed fire on 14 acres will treat regrowth. The goal of this project is to decrease the threat of uncharacteristically severe fire by completing forest stand improvement actions to increase resiliency.			
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	The creation of fuel breaks in strategic locations will help protect ingress/egress to the project and neighboring properties, including protection of the Frederick Lateral of the Talent Irrigation District which bisects both properties. The properties are within a HUC_6 classified as a very high wildfire risk.			
3	Project treats or protects multiple properties	15	2	
Reviewer Comments	This project will treat three tax lots, two landowners.			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	15	
Reviewer Comments	Increase resiliency to drought, fire, insects, disease and climate change; and provide fire resilient vegetation, and healthy oak and old growth habitat. Treat blackberry, poison oak, manzanita, and other species. Treatment prescriptions will be designed, as much as possible, with the complimentary goal to improve overall forest health and resilience, as well as to protect and improve wildlife habitat and areas of high ecological integrity. Two wildlife habitat brush piles will be placed every five acres treated.			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	9	
Reviewer Comments	This project builds upon significant previous state, local, and federal investments in fuels reduction work adjacent to the project area: Ashland All-Lands Restoration project and the new multi-partner West BAER project.			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	The neighborhood is served by one ingress/egress route and several <u>neighboring</u> landowners are elderly and vulnerable.			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	9	
Reviewer Comments	One property has an NRCS Conservation Plan and a Lomakatski Restoration Project Forest Plan, the other will develop a forest and maintenance plan in partnership with the NRCS.			
8	Project utilizes non-traditional forest products	5	4	
Reviewer Comments	Large trees felled, or trees that fell during recent storms, will be cut into firewood and be contributed to the community supply that serves the 8 neighboring households.			
Final Score		Out of 100	80	

Number of Panel Reviewer #2		Project Name	Wagner Creek Fuels Reduction Project	
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	nicely detailed			
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	high/extreme; protection of Frederick Lateral of the Talent Irrigation District			
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	10	
Reviewer Comments	invasive removal, creation of multiple habitat piles			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	yes (both)			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	5	
Reviewer Comments	elderly neighbors limited ingress/egress			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	5	
Reviewer Comments	one-yes / other-in progress with NRCS			
8	Project utilizes non-traditional forest products	5	5	
Reviewer Comments	firewood for community supply			

Final Score

Out of
100

80

Number of Panel Reviewer #3		Project Name	Wagner Creek	
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	Very good description, including the use of prescribed fire. Clear how activities would reduce risk of high severity wildfire			
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	Yes, very high Wildfire Risk Class			
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	15	
Reviewer Comments	Addresses wildlife benefit (two habitat brush piles per five acres). Prescribed fire a benefit here as well			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	Yes, through AFAR.			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	7	
Reviewer Comments	Notes that several neighbors are elderly and vulnerable, but not a lot of details on under protected land			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	7	
Reviewer Comments	One property has a forest management plan. Application would benefit from discussion of how project fits into regional planning efforts that exist for this area.			
8	Project utilizes non-traditional forest products	5	5	
Reviewer Comments	Notes how large diameter material will be utilized for firewood			
Final Score		Out of 100	94	

Number of Panel Reviewer # 4		Project Name	Wagner Creek Fuels Reduction Project	
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	The proposal identifies three parcels within an HUC 6 area for fuel reductions treatment by the JSWCD.			
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	The parcels under this proposal will be within an HUC 6 zone and addresses these concerns.			
	Project treats or protects multiple properties	15	14	
Reviewer Comments	The project will provide benefits and protection to adjoining neighbors.			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	14	
Reviewer Comments	The vegetation treatments proposed under this proposal will assist in the reduction of risk from the above addressed concerns.			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	JSWCD will be working collaborative with adjoining landowners and agencies.			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	8	
Reviewer Comments	The proposal limits its description of vulnerable populations, however adjoining neighbors will benefit from enhanced fuel reductions.			
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 area is located within and HUG 6 zone and one of the landowners does have a Forest Management Plan in place.			
8	Project utilizes non-traditional forest products	5	4	
Reviewer Comments	Forest products will be utilized by the local community.			
Final Score		Out of 100	93	

Number of Panel Reviewer # 5		Project Name	Wagner Creek 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	Clearly lists treatment activities and prescription metrics, more detail on current and future stand conditions would have led to more points			
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	Very High Wildfire Risk, 3 properties with shaded fuel breaks			
3	Project treats or protects multiple properties	15	13	
Reviewer Comments	2 ownerships, without clear protection to additional/adjacent properties listed. For cost listed, two ownerships seem appropriate.			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	10	
Reviewer Comments	Forest health and treated material prioritized for removal, lists drought, invasive species, oak and wildlife habitat, and insects and disease, but does not quantify the extent of these resource concerns nor clearly quantifies resulting condition.			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	Map clearly displays proximity to previous treatments, write up defines collaborative approach and quantifies adjacent treatments.			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	7	
Reviewer Comments	Although property owners are not listed as vulnerable, shared road ownerships are elderly, and firewood will supply 8 additional neighbors with firewood.			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	7	
Reviewer Comments	Both properties have a forest management plan in place, maintenance plan will be created based on activities listed. Would have liked to see a connection to at least one of the priority planning areas			
8	Project utilizes non-traditional forest products	5	3	
Reviewer Comments	Large material will be cut into firewood, quantity?			
Final Score		Out of 100	83	