

Project name: Gesner

Contact information – Oregon Department Forestry Dallas, West Oregon District, [REDACTED]
[REDACTED]

Treatment Location - The 78 acres are located at [REDACTED]. Approximately three miles southeast of Dallas and two miles northeast from the current Fishback grant area. It falls within the low wildfire risk classification. To the north, east & south is primarily farmland, to the west is unmanaged Oak Forest and vineyard.

Description of treatment activities

Firebreak – 8,750 feet. Maintain a firebreak around the entire property through mulching, mowing, and spot-spraying with herbicides.

Area I – 4.4 Acres. Objective: Reduce ladder fuels and ground fuels immediately behind the two rows of redwood and giant sequoia trees, up to 100' back, along Whiteaker Road and part-way up the driveway. Prune all tree limbs 6' – 8' off the ground; Remove/mulch/chip all fresh dead and down material, including the pruned branches, any standing dead timber & ground vegetation.

Area II – 7.0 Acres. This portion of the Willamette valley pine stand was greatly impacted from the February 2021 ice storm. Objective: Fall all standing damaged/dead trees that have no chance at recovery or continued growth, remove/mulch/chip with all fresh dead and down material.

Area III – 0.5 Acres. The grand fir trees within this small stand have been decimated by the fir engraver beetle, *Scolytus ventralis*. Objective: Remove all grand fir trees within the stand. All grand fir trees should be cut and removed from the stand. Boles can be salvaged for firewood; slash should be mulched, chipped, or burned.

Area IV – 23.3 Acres. This area of the property is dominated by oaks, meadows, and scattered conifer trees. Objective: Open access roads and the firebreak along the northern portion of the property, and maintain the open characteristics of oak woodland/savannah. Remove downed oaks from access roads and along the firebreak; mow the grass/meadows to maintain a low vegetation height; spot-spray invasive vegetation as needed; remove other oaks as needed.

Area V – 7.5 Acres. This portion of the Willamette valley pine stand was not as impacted from the February 2021 ice storm as Area II, but still did receive some damage. Objective: Fall all standing damaged/dead trees that have no chance at recovery or continued growth, remove/mulch/chip with all fresh dead and down material.

Area I – 4.4 acres. 10x10 spacing = 435 tpa, 8x12 spacing = 454 tpa, so use an average of 450 tpa.
Pruning: 450 tpa x 4.4 acres = 1,980 trees, round to 2,000 trees. At 10 minutes per tree, that's 20,000 minutes, 334 hours. Divide by 20 (hours per week) equals 16 weeks.

Description of anticipated benefits

Firebreak & greater property benefit – Maintaining firebreak around the property protects both Landowner property as well as neighboring properties from wildfire. Numerous roads throughout the entire property will be maintained providing additional fuel breaks and access for first responders in the

event of a wildfire. Maintaining the areas around the three ponds, will allow access to water in the event of a wildfire.

Area I, II, V - In the Pine Forest removing/mulching/chipping all slash within the 3" – 8" range will mitigate the potential for the *Ips* beetle as this is its prime vector. Removal of dead/broken top trees will improve the overall health of the stand, while also improving the fire resiliency of the stand by reducing continuity of fuel.

Area III – Removal/chipping/mulching/burning of Grand fir in this area will help eliminate the fir engraver beetle, *Scolytus ventralis*, as they propagate in living Grand fir. These activities also eliminate dead/dead down fuels in the event of a wildfire.

Area IV – Fuels reduction of dead and down oak from storm damage, utilize as firewood. Removal/pruning of damaged oak Improving the oak savannah habitat and resiliency towards future storms/fire.

Timeline

- **Winter 2022** – Prune trees, remove dead and dying pine, remove, mulch, chip
- **Spring 2022** – Mow oak savannah & Fireline, spray, continue pruning, removal of dead and down pine, remove, mulch, chip
- **Summer 2022** – spray as needed, continue pruning, removal of dead and down pine, remove, mulch, chip
- **Fall 2022** – Mow oak savannah & Fireline, spray, continue pruning, removal of dead and down pine, remove, mulch, chip
- **Winter 2022/2023** – Cleanup Oak storm damage, continue pruning, removal of dead and down Oak, remove, mulch, chip, burn, utilize as firewood
- **Spring 2023** – Mow oak savannah & Fireline, spray, continue pruning, removal of dead and down pine/oak, remove, mulch, chip, burn, utilize as firewood. Button things up.

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

Instructions: Fill out blue-bordered boxes

Grant Agreement #/Project Name: # _____ / Gesner

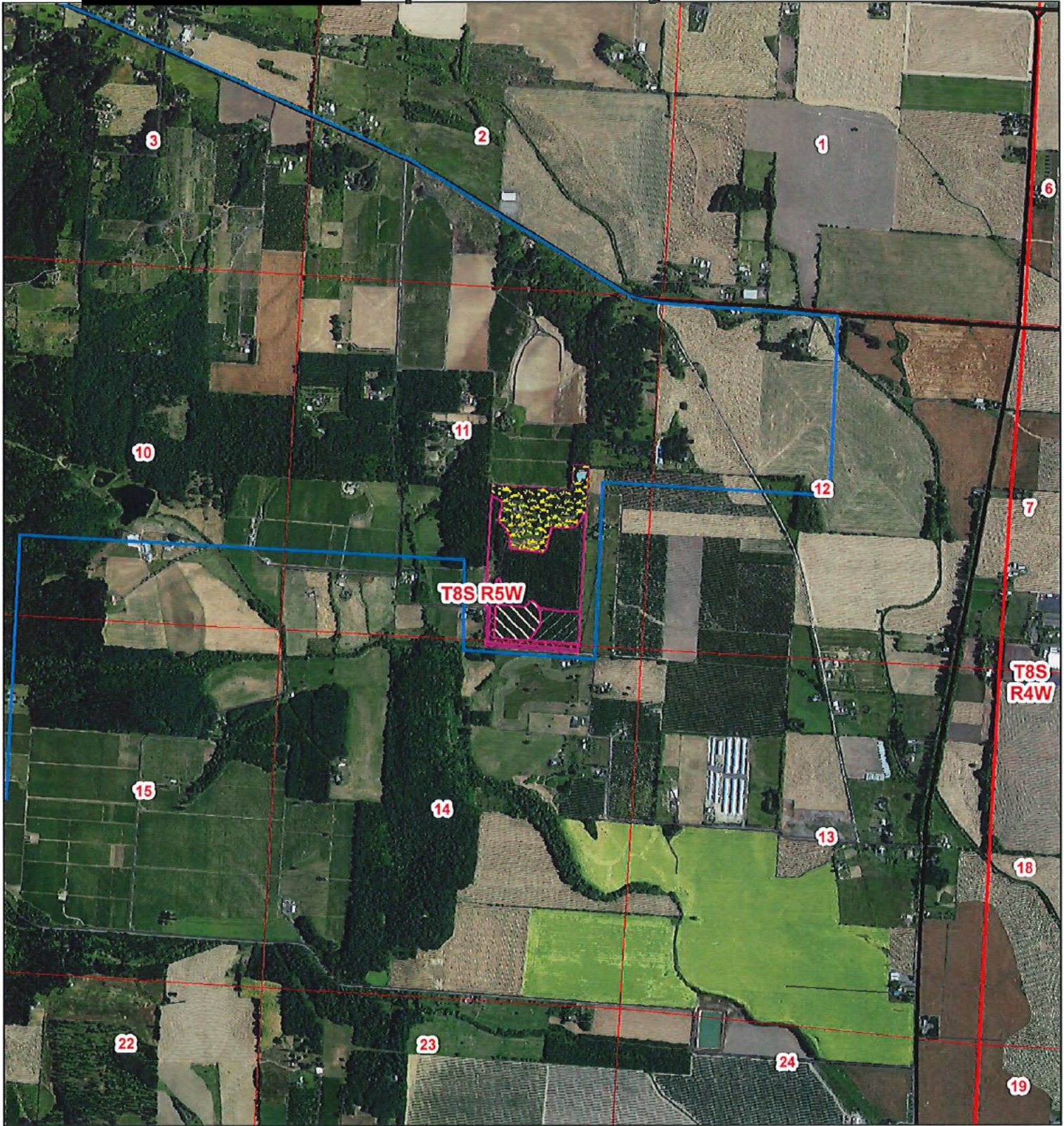
Deliverables	
Below are examples, replace with your projects quantified treatment activities (acres)	
1	4.4 acres - Remove dead, broken top trees, clean up any storm damage prune 8', mulch, chip, mow, debrees. bark beetle mitigation. Spary & mow.
2	7.0 acres - Heavy ice storm cleanup, dead & down, prune limbs 8', mulch, chip, remove. Bark beetle mitigation.
3	.5 acres - Remove grand fir to eliminat beetle infestation, mulch, chip, firewood
4	23.3 acres - Opening/maintaining access roads and firebreak. Oak storm damage cleanup mulch, chip, burn, utilize as firewood. Improve oak savannah habitat. Mowing of grasslands 2 times a year. Spot spraying.
5	7.5 acres - Remove, chip, mulch storm damage, dead and down, broken tops & dead standing pine. Bark beetle mitigation.
6	Add deliverables as needed
#	Add deliverables as needed
#	Add deliverables as needed
#	Add deliverables as needed
#	Add deliverables as needed
#	Add deliverables as needed
#	Add deliverables as needed
Treatment Footprint	100 acres

Cost Category	Grant Request	Leverage (25% required)		Total Project Cost
		Match (if any)	Leverage (if any)	
1. Personnel	\$ 1,200.00			\$ 1,200.00
2. Fringe Benefits	\$ 600.00			\$ 600.00
3. Travel	\$ 65.00			\$ 65.00
4. Equipment				\$ 0.00
5. Supplies				\$ 0.00
6. Contractual	\$ 116,240.50	\$ 39,368.50		\$ 155,609.00
7. ODF (if applicable)				\$ 0.00
8. Indirect				\$ 0.00
Total	\$ 118,105.50	\$ 39,368.50	\$ 0.00	\$ 157,474.00

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	\$1200(personnel) + \$600(fringe) = \$1800 for sponsor admin time/site visits working 40 hours @ \$30/hour for duration of project
Travel	16 miles round trip x 8 visits x .51 per mile = \$65 for sponsor travel
Equipment	
Supplies	
Contractual Payments	Chainsaw hours total project - 366hrs @ \$26.25 = \$9607.5, Skid steer + mulcher head hours total project - 790hrs @ \$96.26 = \$76045.4, Backhoe hours total project - 30hrs @ 51.25 = \$1537.5, Area IV - Saw, backhoe, Skid steer + mulcher, Mowing, burning Total = \$23,239, Fireline around property - mowing, spraying total project \$2623.95, Supplies - chemicals, saw chain, cutter blades for mulcher Total = \$2,630
ODF (if Applicable)	
Leverage Sources	167hrs skid steer + mulcher time @ \$16075 365hrs backhoe time @ \$18706 196hrs saw time @ \$5151 total = \$39,932
Indirect Costs	

Sponsored by Dallas Unit ODF



Legend

- | | |
|----------------|-----------------|
| Dallas ODF FPD | Area II |
| Sections | Area III |
| Roads | Area IV |
| Unit | Area V |
| Area I | Gesner Property |

0 1,000 2,000 4,000 Feet

1 in = 2,000 ft

1:24,000

Project Location:
SE 1/4, Section 11, T8S, R5W, WM
Projected Coordinate System:
NAD 1983 Oregon Statewide Lambert Feet International



Number of Panel Reviewer #1		Project Name	Gesner	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	14	
Reviewer Comments	78 acres: Maintain a firebreak around the entire property. Reduce ladder fuels and ground fuels. Remove all standing damaged/dead trees that have no chance at recovery or continued growth. Open access roads. Maintaining firebreak around the property, numerous roads, and the areas around the ponds protects Landowner property as well as neighboring properties from wildfire, and provides access for first responders.			
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	0	
Reviewer Comments	Low wildfire risk classification. Could find no information to address protecting infrastructure or shaded fuel breaks (only information on fuel breaks).			
3	Project treats or protects multiple properties	15	3	
Reviewer Comments	Appears to treat one property that includes five areas.			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	15	
Reviewer Comments	Mitigate the potential for the <i>Ips</i> beetle. Help eliminate the fir engraver beetle, <i>Scolytus ventralis</i> , as they propagate in living Grand fir. Removal/pruning of damaged oak Improving the oak savannah habitat and resiliency towards future storms/fire. Heavy ice storm cleanup,			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	0	
Reviewer Comments	Could find no information to address this criterium.			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	0	
Reviewer Comments	Could find no information to address this criterium.			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	0	
Reviewer Comments	Could find no information to address this criterium.			
8	Project utilizes non-traditional forest products	5	3	
Reviewer Comments	Fuels reduction of dead and down oak from storm damage, utilize as firewood.			
Final Score		Out of 100	35	

Number of Panel Reviewer #2		Project Name	Gesner	
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	pretty clear treatment descriptions by 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	5	
Reviewer Comments	low risk, fuel break			
3	Project treats or protects multiple properties	15	5	
Reviewer Comments	single property indicated			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	5	
Reviewer Comments	storm damage, invasive vegetation indicated by mention of herbicide application but no specifics			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	0	
Reviewer Comments	unclear			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	0	
Reviewer Comments	not addressed			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	0	
Reviewer Comments	not specified			
8	Project utilizes non-traditional forest products	5	5	
Reviewer Comments	firewood			

Final Score

Out of
100

40

Number of Panel Reviewer #3		Project Name	Gesner	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	15	
Reviewer Comments	Good description provided breaking project into different areas. No mention of maintenance however			
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, numerous roads throughout property. Low fire risk			
3	Project treats or protects multiple properties	15	0	
Reviewer Comments	No			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	15	
Reviewer Comments	Yes, touches on several of these (ice storm, insect, oak habitat)			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	0	
Reviewer Comments	Not seeing evidence of that in the application			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	0	
Reviewer Comments	Not seeing evidence of benefiting vulnerable populations or under protected lands			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	0	
Reviewer Comments	Does not appear to reference a plan			
8	Project utilizes non-traditional forest products	5	5	
Reviewer Comments	Notes firewood utilization			
Final Score		Out of 100	50	

Number of Panel Reviewer # 4		Project Name	Gesner	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	14	
Reviewer Comments	The project describes treatments that will reduce fire risks over time but seems to be more focused on clean-up from prior winter storms			
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	7	
Reviewer Comments	The project is in an agricultural zone that currently has low to moderate risk from fire damage			
3	Project treats or protects multiple properties	15	8	
Reviewer Comments	The project covers a single owner but will provide benefit and protection to some adjoining landowners			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	11	
Reviewer Comments	A critical area of the project is the clean-up of oak stands as well as harvest or remove grand fir trees and valley pine trees that are vulnerable to beetle attack.			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	5	
Reviewer Comments	The project is isolated			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	0	
Reviewer Comments	No			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	0	
Reviewer Comments	No forest management plan is referenced			
8	Project utilizes non-traditional forest products	5	3	
Reviewer Comments	The project addresses firewood and mulch			
Final Score		Out of 100	48	

Number of Panel Reviewer # 5		Project Name	Gesner	
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	Clearly lists treatments, and some treatment specifications by forest type. Provides some future condition detail. Consistent specificity would have led to a higher score.			
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	States shaded fuel breaks and removing vegetation around structures, low risk, would like to have seen treatment specifications to determine if protection is achieved.			
3	Project treats or protects multiple properties	15	5	
Reviewer Comments	Lists 3 adjacent landowners but does not articulate how added protection is achieved.			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	15	
Reviewer Comments	Clearly articulates what resource benefit is achieved and ties these benefits to the associated treatment. Drought, insects, and oak habitat were listed			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	4	
Reviewer Comments	Mentions nearby grant area but is 2 miles away, no collaborative approach mentioned			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	0	
Reviewer Comments	None mentioned			
7	Treatment area references a forest management plan or is located within a priority planning area listed in Funding Priority 6	10	0	
Reviewer Comments	None referenced			
8	Project utilizes non-traditional forest products	5	3	
Reviewer Comments	Mentions firewood will be generated, does not quantify how much			
Final Score		Out of 100	54	