

Oregon Department of Forestry - Small Forestland Grant Program Application

Project Name and Contact Information

Mountain Park Homeowners Association (MPHOA) Land Resilience Project

Applicant: Oswego Lake Watershed Council

[REDACTED]
PO Box 1015, Lake Oswego, Oregon 97034

ODF Contact: [REDACTED] Community Wildfire Forester, Forest Grove District
[REDACTED]

Treatment Location

Mountain Park is the largest planned community in Oregon with over 8,500 residents living in a mix of multifamily apartments, condominiums, and single family homes. It covers 677 acres mainly in ownership of individual property owners with 155 acres, comprising a dense mixed broadleaf and coniferous forest, owned independently by the MPHOA.. The forested portion is designated as environmentally sensitive and has a trails network that is open to the public. Approximately half of the forested area has been assigned a Wildfire Risk of High. The forested area is mainly confined to steep slopes that are topped by the residential areas, increasing the likelihood that a wildfire could develop with catastrophic results to residences. The images from the recent wildfires in Boulder, Colorado reinforce this danger. Add something about invasive species?

Description of Treatment Activities

Proposed Priority 2 treatment focuses on hazardous fuel reduction including both ground and ladder fuels. Woody debris from the 2021 ice storm will be treated by a combination of collection and chipping and bucking into smaller sections to allow ground exposure that promotes natural disintegration. Ladder fuels from woody invasive species will be removed with a major focus on English holly, common hawthorn and sweet cherry. Lower limbs from native trees will be removed to further reduce ladder fuels. Resulting fuels will be chipped and stumps treated with herbicide to prevent regrowth. Removal of hazardous fuels within 20 feet of trails will be particularly thorough to reduce the possibility of human caused fire.

Where necessary there will be replanting with fire resistant species that also meet anticipated requirements to flourish in a warmer climate with prolonged periods of summer drought. One of the benefits of this project beyond wildfire protection is the enhancement of a significant urban forest to support anticipated pressures from climate change and the removal of invasive plant species resulting in a healthier urban forest ecosystem..

This work will be completed by a combination of MPHOA Landscape Stewardship staff, ODF Fuels Reduction Crews, OLWC workforce development participants (Teen Rangers) and volunteers organized by OLWC. We are requesting new power saws and chains to support this work and ongoing maintenance.

Reducing the wildfire risk in Mountain Park also needs to be addressed by individual property owners. Landscaping practices on private property need to support the work that will be accomplished in the community forest. OLWC is working with the Lake Oswego Fire Department (LOFD) and the MPHOA to develop a Mountain Park Firewise program. This will include an education and outreach program as well as property inspections with recommendations for fire protection measures that can be

implemented by the property owners. Initial inspections will be conducted by LOFD with training for volunteer inspectors to help expand and maintain the program.

Description of Anticipated Benefit

The MPHOA Land Resilience Project is truly a collaborative effort which brings together the HOA, individual residents, OLWC , City of Lake Oswego Fire Department (LOFD), Lake Oswego School District (LOSD) Green Teams for workforce development, and the Clackamas Soil and Water Conservation District at the local level. These organizations will be supporting hazardous fuel removal as well as community preparation. The project also utilizes resources at the state level including the Oregon State Fire Marshal and the Oregon Department of forestry.

Mountain Park has diverse housing options including affordable condominiums and apartment rentals. The local school has twice the number of students eligible for free and reduced lunch when compared to other elementary schools in the district. These diverse housing options need to be protected. Mountain Park also includes a nursing home and assisted living facility.

Lake Oswego has been identified as a Community at Risk (CAR) by the Oregon Department of Forestry. The LOFD has participated in the Clackamas County CWPP planning process to evaluate capabilities to prevent, prepare for and respond to potential wildfire events. MPHOA has developed a common areas management plan.

Timeline

2022 Mar-Jun	Planning, contracting, invasive woody understory removal and stump painting.
2022 Jun-Sep	Removal of ground debris and chipping along the trail system. Continue woody understory removal, weather dependent. Submit first invoice and project update.
2022 Oct-Dec	Removal of woody understory and tree limbing.
2023 Jan-Mar	Removal of woody understory and tree limbing. Develop a planting and irrigation plan.
2023 Apr-Jun	Removal of woody understory and tree limbing. Planting of fire resistant species. Final Invoice and Project Report submitted.

Budget

The details of the budget are outlined in the Budget Worksheet.

Fuels reduction costs- 77%

Non Fuels reduction costs - 23% This percentage includes transportation which could be considered part of the fuel reduction cost.

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

Instructions: Fill out blue-bordered boxes

Grant Agreement #/Project Name: # _____ / MPHOA Land Resilience Project

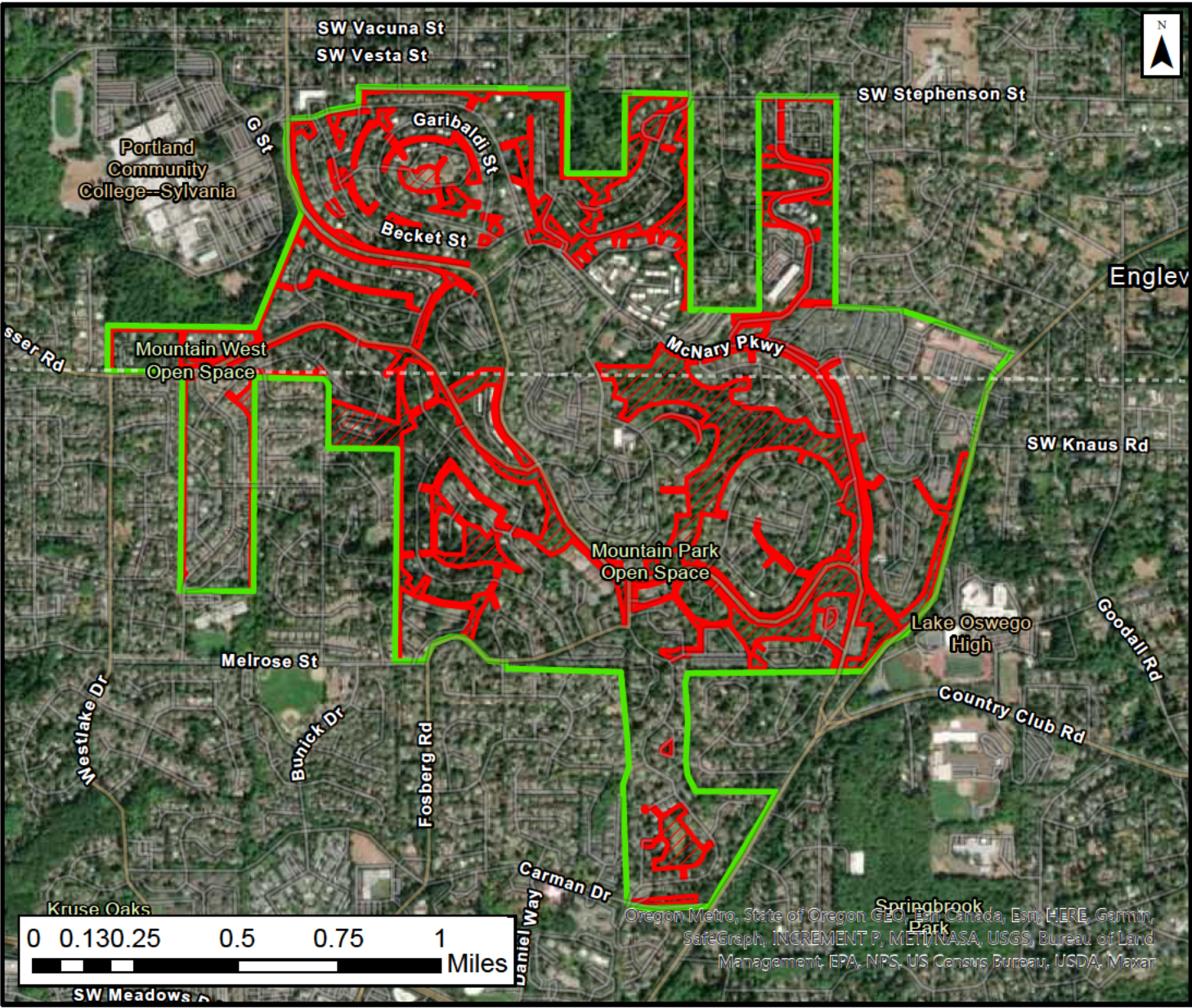
Deliverables	
Below are examples, replace with your projects quantified treatment activities (acres)	
1	100 acres ODF-FMT small diameter tree removal mainly invasive hawthorne, cherry and holly
2	100 acres of ODF-FMT removal of storm damage debris and ladder fuels
3	100 acres of ODF-FMT removal of tree limbs up to 20 to 30 feet
4	100 acres of ODF-FMT chipping of hazardous fuel materials
5	150 acres of OLWC Youth Rangers removal of tree ivy
6	30 acres of OLWC Youth Rangers and Volunteers removal of invasive plant species
7	50 acres of OLWC Youth Rangers hauling hazardous fuel for chipping
8	30 acres of Mt. Park Landscape Service removal of invasive trees and ladder fuels
9	30 acres of Mt. Park Landscape Service chipping of hazardous fuels
10	320 hours of OLWC Outreach to develop Fire Wise program with MPHOA Landowners
11	300 hours of OLWC Program Coordination and Volunteer Management
Treatment Footprint	150 acres

Cost Category	Grant Request	Leverage (25% required)		Total Project Cost
		Match (if any)	Leverage (if any)	
1. Personnel	\$ 38,440.00	\$ 31,838.00		\$ 70,278.00
2. Fringe Benefits				\$ 0.00
3. Travel	\$ 15,258.00			\$ 15,258.00
4. Equipment	\$ 928.00		\$ 15,000.00	\$ 15,928.00
5. Supplies	\$ 4,175.00			\$ 4,175.00
6. Contractual	\$ 16,200.00	\$ 3,500.00	\$ 13,480.00	\$ 33,180.00
7. ODF (if applicable)	\$ 152,017.00			\$ 152,017.00
8. Indirect	\$ 24,000.00			\$ 24,000.00
Total	\$ 251,018.00	\$ 35,338.00	\$ 28,480.00	\$ 314,836.00

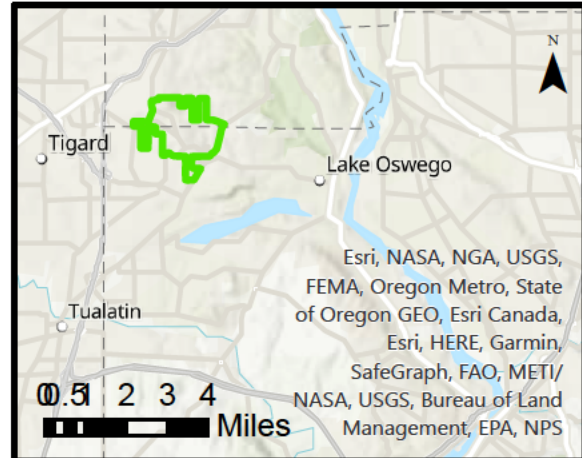
Narrative justification by line item: totals should match claim above.

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	Benefits, payroll taxes and workers comp. insurance are included in hourly rates OLWC Teen Rangers - \$20/hour for 8 weeks - \$28,000 (7 hour days) OLWC Teen Ranger Supervisor - \$29/hour for 9 week - \$10,440 (8 hour days) MPHQA LSD Landscaper Crew - \$27.15/hr. for 927 hours - \$25,168 (match) MPHQA LSD Administration - \$81.34/hr for 82 hours - \$6,670 (match)
Travel	2 ODV motorpool vans for 5.8 months (100 days) for 100 days - \$7,370 1 van rental for 8 weeks for OLWC Teen Rangers - \$3,248
Equipment	2 Stihl MS 211 - \$678 2 Stihl MS 200D Chains - \$50.40 Stihl Battery - \$200 Chipper Rental \$1,000/week for 15 weeks - \$15,000 (leverage)
Supplies	Clothing for 5 Teen Rangers - Shirts \$250, Patches \$200, Work Boots \$725, Hard Hats \$100 Fuel - \$450 ODF - chains,fuel/maintenance - \$2,000
Contractual Payments	OLWC Teen Ranger Project Coordinator - \$6,600 (Program organization, recruiting, supervision and training). OLWC Outreach Specialist - 320 hours @ \$30/hour (Fire Wise program development with MPHQA property owners and LO Fire Department) \$9,600
ODF (if Applicable)	ODF - 1 NRS2, 1 FMT, 3 Student Workers - 100 days for 5.7 months (100 days) \$152,016.73
Leverage Sources	MPHQA Chipper - will be used instead of paying a rental fee. OLWC Volunteers - 320 hours@ \$26.50/hr = \$8,480 OLWC Executive Director - 100 hours@ \$50/hr = \$5,000
Indirect Costs	Liability Insurance, Payroll and Web Services, Communications and Computers, Staff Mileage, and Contingency - \$24,000

Mountain Park HOA Land Resiliency



Project Location



T2S R1E Section 5 Scale: 1:297,334

- Treatment Areas**
- Project Area Boundary**

Project Sponsored by:
Oswego Lake Watershed Council

Coordinate System:
WGS 84 Pseudo Mercator

Scale: 1:24,473

Number of Panel Reviewer #1		Project Name	Mountain Park Homeowners Association Land Resilience	
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	150 acres: Proposed Priority 2 treatment focuses on hazardous fuel reduction including both ground and ladder fuels. Lower limbs from native trees will be removed to further reduce ladder fuels. Resulting fuels will be chipped and stumps treated with herbicide to prevent regrowth. Removal of hazardous fuels within 20 feet of trails will be particularly thorough to reduce the possibility of human caused fire.			
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	Approximately half of the forested area has been assigned a Wildfire Risk of High. Protects residential structures.			
3	Project treats or protects multiple properties	15	13	
Reviewer Comments	8,500 residents living in a mix of multifamily apartments, condominiums, and single-family homes			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	15	
Reviewer Comments	The forested portion is designated as environmentally sensitive. Woody debris from the 2021 ice storm will be treated. Ladder fuels from woody invasive species will be removed with a major focus on English holly, common hawthorn and sweet cherry.			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	The MPHOA Land Resilience Project is truly a collaborative effort which brings together the HOA, individual residents, OLWC, City of Lake Oswego Fire Department, Lake Oswego School District Green Teams for workforce development, and the Clackamas Soil and Water Conservation District at the local level. The project also utilizes resources at the state level including the Oregon State Fire Marshal and the Oregon Department of forestry.			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	The local school has twice the number of students eligible for free and reduced lunch when compared to other elementary schools in the district.			
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	The LOFD has participated in the Clackamas County CWPP planning process to evaluate capabilities to prevent, prepare for and respond to potential wildfire events.			
8	Project utilizes non-traditional forest products	5	85	
Reviewer Comments	Could not find information to address this criterium.			

Final Score

Out of
100

Number of Panel Reviewer #2		Project Name	Mountain Park Homeowners Association Land Resilience	
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				
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 risk, overall community protection			
3	Project treats or protects multiple properties	15	10	
Reviewer Comments	yes? (not wholly clear how much is individual ownership vs. HOA)			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	10	
Reviewer Comments	ice storm damage, invasive species			
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	elderly, pockets of lower income			
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	CAR / MPHOA common areas management plan			
8	Project utilizes non-traditional forest products	5	0	
Reviewer Comments	unspecified			

Final Score

Out of
100

80

Number of Panel Reviewer #3		Project Name	Mtn. Park Homeowners Association	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	12	
Reviewer Comments	Metrics section provides detail on what is being proposed, does seem like reasonable approach to reduce risk of wildfire, a little more detail on the approach would be helpful though.			
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	Does not appear to be in a High Wildfire Risk Class, but definite infrastructure concerns			
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	Notes invasive species control and ice storm recovery			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	Application does not provide details on previous/planned treatments			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	Application notes that area contains diverse housing options and has a nursing home/assisted living facility			
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	Clackamas County CWPP			
8	Project utilizes non-traditional forest products	5	0	
Reviewer Comments	No noted in application			
Final Score		Out of 100	84	

Number of Panel Reviewer # 4		Project Name	Mountain Park Homeowners Association Land Resilience 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 area in and around Lake Oswego is a high-density population surrounded by forest lands and the treatments proposed within the application will all be positive			
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	Multiple roads and structure will receive benefits from the proposed treatments			
3	Project treats or protects multiple properties	15	15	
Reviewer Comments	Multiple properties are included within the treatment area			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	12	
Reviewer Comments	The treatments are focused on wildfire protection but will also improve these issues			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	This is clearly a collaborative approach among multiple agency within the state of Oregon and Lake Oswego			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	7	
Reviewer Comments	The area includes multiple diverse residence that all will benefit from treatments			
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	The treat area is within a designated High fire risk. No direct forest management plans were presented			
8	Project utilizes non-traditional forest products	5	3	
Reviewer Comments	Non-traditional forest products the likes of firewood and mulch will be made available to local landowners			

Final Score

Out of
100

87ountain

Number of Panel Reviewer # 5		Project Name	Mountain Park HOA Land Resilience	
Priority	Proposal Scoring Rubric	Possible Points	Reviewer Score	
1	Clearly describes treatment activities and how future condition reduces risk of high severity wildfire	20	13	
Reviewer Comments	Combination of chipping and lop and scatter, ladder fuels and lower limbs mentioned but no 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	8500 residences in immediate vicinity, lists high risk but not so on map			
3	Project treats or protects multiple properties	15	13	
Reviewer Comments	Common areas in 8,500 housing community, one landowner			
4	Proposed treatment(s) address insects and disease, drought mortality, invasive species, storm damage or enhances wildlife habitat	15	12	
Reviewer Comments	Lists invasive species and maintenance to improve effectiveness of treatment, drought resilience/climate change			
5	Clearly demonstrates collaborative approach including treatment proximity to previous or planned hazardous fuel treatments	10	10	
Reviewer Comments	Uses youth crew, ODF and HOA, and local fire department participation			
6	Proposed treatment(s) benefit vulnerable populations or under protected properties	10	10	
Reviewer Comments	Youth crew, affordable housing, nursing home and assisted living will benefit			
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	Community At Risk, and local CWPP referenced.			
8	Project utilizes non-traditional forest products	5	0	
Reviewer Comments	None referenced			
Final Score		Out of 100	73	