



Staff Report

October 5, 2026 Council Workshop Meeting

Climate-driven Wildfire Risk Assessment and Community Resilience Plan

Presenter: Chris Witkowski, Parks & Recreation Director

Time Estimate: 15 minutes

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BACKGROUND: Increased temperatures, extended drought conditions, and extreme heat events resulting from climate change have all amplified the conditions that create wildfire risk. This increased risk of wildfires is anticipated to disproportionately impact vulnerable populations and overburdened communities in Camas, who experience higher rates of health conditions exacerbated by smoke exposure and barriers to evacuation and economic recovery. An existing conditions analysis for the draft Comprehensive Plan Climate Change & Resiliency Element, which included a review of Clark County's Natural Hazard Mitigation Plan, as well as feedback from the City's Climate Policy Advisory Team, identified potential wildfire hazard areas in Camas and communities that could be more vulnerable to climate hazards such as wildfires and wildfire smoke. This information provides some initial considerations for evaluating wildfire risk factors and areas of the city that are more vulnerable to wildfires and wildfire smoke as the city explores next steps in climate planning.

Through \$250,000 of funding from the Washington State Department of Commerce's Climate Planning Grant, this project will support the implementation of the City's draft Comprehensive Plan Climate Change & Resiliency Element through a Wildfire Risk Assessment and Community Resilience Plan. The Plan will help build community resilience and support the city in planning for future impacts from wildfires.

SUMMARY: Since wildfire risk and climate resilience cover multiple departments, the City established a multi-disciplinary project team to support the project. The core team members include:

- Cliff Free, Fire Chief
- Alan Peters, Community Development Director
- Scott Collins, Public Works Director
- Chris Witkowski, Parks & Recreation Director

Various subject matter experts will also be utilized at various stages of the project.

To secure the services of the most qualified consulting team to assist the city with the project, a Request for Qualifications (RFQ) was posted in July 2026. Twenty-three (23) proposals from across the country were received and evaluated. After careful analysis by

the project team, the firm Haley & Aldrich Inc. scored the highest across all rated criteria and were selected for the project. Rated criteria were:

- Experience & Qualifications
- Project Approach & Understanding
- Quality Assurance & Quality Control Procedures
- Adherence to Schedule

The scope of the project includes three primary elements:

1. Climate-driven Wildfire Risk Assessment and Mapping
2. Wildfire Risk Mitigation Strategies
3. Public Outreach and Educational Materials

Details of each include:

Task 1: Climate-driven Wildfire Risk Assessment and Mapping

Assess how climate change is altering wildfire risk locally. This task will consist of a combination of tabletop analysis, in-field observations, and GIS mapping.

- Utilize open-source risk-mapping tools and available data to assess citywide wildfire risk in Camas
- Conduct field observations of five (5) City-owned open space tracts to identify topographical features that can contribute to the spread of wildfires (i.e. slopes, vegetation, etc.).
- Create a citywide risk assessment map utilizing ArcGIS software and publicly available data
- Present material in report format

Task 2: Develop Wildfire Risk Mitigation Strategies

Identify best practices to reduce wildfire risk on public and private parks, open spaces, natural areas, and buildings.

- Research and recommend strategies for wildfire mitigation as they pertain to conditions within the City of Camas
- Identify opportunities for the City of Camas to reduce wildfire risk in parks, open spaces, and natural areas
- Identify strategies to promote fire-adapted communities
- Consult with local agencies, such as Clark Regional Emergency Services Agency (CRESA) and local utility companies, for feedback on mitigation strategies and/or recommendations
- Present material in report format

Deliverables for Tasks 1 & 2 will include:

1. Draft Climate-driven Wildfire Risk Assessment & Risk Mitigation Report (to be reviewed by City project team)
2. ArcGIS Wildfire Risk Map (to be publicly accessible online)
3. Final Climate-driven Wildfire Risk Assessment & Risk Mitigation Report (to be shared with City Council and digitally accessible to the public)

Task 3: Develop Public Outreach and Educational Materials

Develop materials to educate property owners on climate-driven wildfire risk and resiliency.

- Prepare print and electronic materials with best practices, strategies, and code requirements for property owners to prepare for wildfires and increase climate resiliency
- Prepare a course outline and supporting materials, including wildfire and climate resilience resources and agency contact information
- Prepare print and electronic training and education materials for City staff and the community
- *Note: Delivery of educational materials and course content to the public is not part of this project. This will occur at a future date and be conducted by City and/or Regional Fire Authority staff.*

Deliverables for Task 3 will include:

1. Wildfire and Climate Resilience Materials Package
2. Wildfire and Climate Resilience Course Outline and Materials

Per grant requirements, the report and project must be completed by June 30, 2027.

BENEFITS TO THE COMMUNITY: Wildfire can have a devastating impact to a community, from property loss to ecological damage to financial hardship, in addition to potential loss of life. With changing climate patterns, Camas' topography and vegetation, and continued development, the community is increasingly susceptible to wildfires. This project will identify high risk areas in the city, provide mitigation strategies to reduce that risk, and offer recommendations for protecting both public and private infrastructure.

STRATEGIC PLAN: This project aligns with the strategic priority of a Safe & Accessible Community.

POTENTIAL CHALLENGES: With a grant deadline of June 30, 2027 and a large area to assess, completing the project within the time constraints is a key challenge. However, the project team is ready to kick off the project shortly after City Council approval and the schedule has been established so all tasks function as one continuous planning process.

BUDGET IMPACT: The scope of work totals \$240,905 and is funded from a \$250,000 Department of Commerce climate planning grant. There is no funding match requirement. Consequently, the project is cost neutral to the City.

RECOMMENDATION: Staff recommend this item be placed on the October 5, 2026 regular meeting agenda for Council consideration.

August 7, 2026



STATEMENT OF QUALIFICATIONS FOR

Climate-driven Wildfire Risk Assessment and Community Resilience Plan

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September 29, 2026

City of Camas
616 Northeast Fourth Avenue
Camas, WA 98607

Subject: **Climate-driven Wildfire Risk Assessment and Community Resilience Plan**

Dear City of Camas Evaluation Committee:

The City has a growing need to understand and reduce wildfire and smoke risks across Camas and requires a municipal-scale assessment that moves beyond regional wildland-urban interface (WUI) mapping to identify local risk drivers. The assessment must connect climate projections and field observations to develop a wildfire risk map, as well as inform practical mitigation, emergency planning, and community education. As a Portland-Vancouver-based team, we understand our region's landscapes, communities, and changing hazards. This work matters to us: Camas is part of the region we call home, and we want to help our neighbors prepare for more challenging wildfire conditions.

Our multidisciplinary team combines expertise in climate science, wildfire, geographic information systems, emergency management, resilience planning, community education, and outreach. We have partnered with Fair Winds Consulting and Resilient Communities, two locally owned Pacific Northwest small businesses, that add specialized expertise in wildfire mitigation, outreach, and capacity building to the team. This partnership strengthens our ability to deliver locally relevant, implementation-focused mitigation strategies and outreach materials that City staff and community partners can readily use.

What sets our team apart

Detailed mapping and climate-driven analysis. We will help Camas chart its unique path toward resilience by translating complex science into clear decision-support tools that show where wildfire risk is concentrated, what drives it, and how changing temperature, vegetation, fuel moisture, and fire weather may affect future conditions. Our optional BehavePlus analysis can evaluate how extreme weather and fuel conditions may influence fire behavior at the five selected open-space sites.

Mitigation strategies tailored to your community. We will align recommendations with Camas' on-the-ground realities, drawing on proven practices from comparable small communities and agencies that manage wildfire risk before, during, and after an event.

Practical wildfire experience. Team members bring wildland firefighting, field assessment, and prescribed fire experience, as well as firsthand knowledge of fire behavior. We will apply that experience to field observations, model interpretation, and site-specific mitigation recommendations.

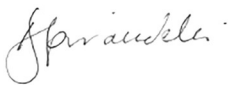
Education that builds lasting capacity. We understand that effective education must translate technical findings into clear actions people can take. We will translate technical findings into clear actions and education material for property owners, City staff, and community partners. Our train-the-trainer approach will equip City staff and community partners with the tools needed to deliver education materials with minimal additional preparation.

Our recent work demonstrates our ability to deliver. For the Washington State Department of Transportation, we distilled a complex climate-driven risk analysis into a framework for prioritizing agencies and community mitigation investments. We also developed and delivered preparedness training addressing wildfire hazards for Seattle and West Coast host cities, transit agencies, and stadium operators preparing for FIFA World Cup. These projects demonstrate our ability to align local governments, emergency managers, fire districts, open-space managers, infrastructure operators, and community-based organizations to advance wildfire and smoke preparedness and resilience.

We offer Camas an uncommon combination of rigorous climate and wildfire analysis, practical field knowledge, locally grounded mitigation planning, and proven community education experience. We are committed to delivering an actionable and usable plan that moves Camas from understanding risk to prioritized mitigation and building long-term community resilience.

Sincerely yours,

HALEY & ALDRICH, INC.



Daniele Spirandelli, Ph.D.

Project Lead

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Laura Hanson

Project Manager

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EXPERIENCE AND QUALIFICATIONS

Corporate Overview

Haley & Aldrich is a nationally recognized, employee-owned environmental and geotechnical consulting firm that brings together engineers, geologists, environmental scientists, planners, Geographic Information System (GIS) specialists, resilience practitioners, communicators, and stakeholder engagement professionals to help communities prepare for and adapt to evolving climate hazards. With more than 1,100 professionals across 46 offices nationwide and technical expertise spanning climate science, wildfire risk assessment, GIS and spatial analysis, infrastructure resilience, emergency preparedness, and implementation-focused planning, we help public- and private-sector clients translate complex risk analyses into practical, actionable solutions. Haley & Aldrich has served communities throughout the Pacific Northwest since 1974, with established offices in Seattle, Spokane, Portland, and Vancouver and a long history of supporting municipalities, public agencies, utilities, ports, and infrastructure owners across Washington and Oregon.

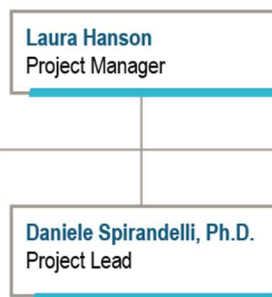
The City of Camas will be served by a team led by professionals who live and work in Southwest Washington and the greater Pacific Northwest, and who bring firsthand familiarity with the region's landscapes, wildfire challenges, community priorities, and climate risks. Rather than applying a one-size-fits-all national approach, our team combines national climate and resilience expertise with local knowledge developed through decades of work across the region. Haley & Aldrich has delivered dozens of climate resilience, hazard mitigation, sustainability, adaptation, and related planning projects for public-sector clients throughout the Pacific Northwest over the past decade, and has assembled a team that pairs this experience with specialized local wildfire planning, community engagement, and resilience expertise to deliver a comprehensive Climate-driven Wildfire Risk Assessment and Community Resilience Plan tailored specifically to the City of Camas.

Project Team

Haley & Aldrich has assembled a multidisciplinary team with national experience and extensive Pacific Northwest expertise in climate resilience, wildfire risk assessment, fire behavior and hazard analysis, GIS and spatial mapping, mitigation planning, community engagement, and implementation strategy development. We are invested in Camas' resilience because we live, work, and play in Southwest Washington, giving us a firsthand understanding of the landscapes, communities, and climate challenges that shape wildfire risk in the area. As the prime consultant, Haley & Aldrich will provide overall project leadership, climate and resilience technical expertise, risk assessment, GIS analysis and mapping, mitigation-strategy development, and integrated project delivery.

To complement our core team, we have partnered with two Pacific Northwest specialty firms that bring extensive regional experience. **Fair Winds Consulting, LLC**, a woman-owned small business, provides expertise in wildfire mitigation, emergency management, Community Wildfire Protection Plans, public outreach, and community education. Fair Winds has supported wildfire risk assessments, mitigation planning, and resilience initiatives across Oregon communities. **Resilient Communities, LLC**, an Oregon Emerging Small Business, specializes in resilience planning, hazard and vulnerability assessment, resilience hubs, equitable community development, and community engagement, including previous planning-focused work in Camas. By combining the technical capabilities of these three firms, we will deliver solutions that are scientifically rigorous, locally relevant, and actionable for the City.

As shown in our organizational chart below, Dr. Daniele Spirandelli will serve as Project Lead, providing overall technical leadership, strategic direction, and accountability for successful project delivery. Daniele will guide the technical approach, oversee integration of all project tasks, lead key client discussions, and ensure the project delivers practical resilience outcomes aligned with the City's goals. Laura Hanson will serve as Project Manager and the City's single point of contact, responsible for day-to-day project management, budget and schedule control, subcontractor coordination, contract administration, and quality management. This structure provides the City with clear lines of communication and accountability: Daniele leads technical decision-making and project vision, while Laura manages project execution and serves as the City's primary contact throughout the engagement. Technical specialists from Haley & Aldrich, Fair Winds Consulting, and Resilient Communities will lead their respective areas of expertise, while senior reviewers provide independent quality assurance and quality control oversight to ensure all deliverables meet the highest technical and professional standards. Team resumes are attached in Appendix A.



Task Leads
Daniele Spirandelli, Ph.D. Wildfire Risk Assessment
Laura Hanson Public Outreach and Educational Materials
FAIR WINDS CONSULTING, LLC Cori Mikkalo Wildfire Mitigation Strategies

Technical Expertise and Support	
David Rother, Ph.D. Wildfire Risk Mapping and Mitigation	RESILIENT COMMUNITIES, LLC Travis Shappell Mitigation Strategies, Public Outreach and Education
Michelle Toner Wildfire ArcGIS Mapping	Margaret Raimann Public Outreach and Education
Ryan Cole Graphics	Jorge Zuniga Public Outreach and Education
Micheal Oakes Open-Space Field Observations	

KEY TEAM MEMBER BIOS

Daniele Spirandelli, Ph.D. – Project Lead and Wildfire Risk Assessment Lead | Portland, OR

Daniele will hold ultimate responsibility for project success, managing project partners, and directing the team's technical approach and deliverables. She will coordinate closely with Laura Hanson to maintain responsive local leadership, quality control, and schedule performance. Daniele brings more than 20 years of experience leading climate risk assessments, resilience planning, complex geospatial modeling, analysis and statistics, and development of decision-support tools for governments, cities, transportation agencies, utilities, ports, and private-sector clients. She integrates climate projections, asset and community vulnerability, GIS-based risk analysis, stakeholder priorities, and resilience strategies to guide implementation and investment. Having held faculty positions at universities across the Pacific Northwest and Pacific Rim, Daniele also excels at translating complex science into clear, engaging curricula and educational materials. **For Camas, Daniele will direct the evaluation of wildfire hazards, vulnerabilities, and mitigation opportunities and translate sound science into feasible, implementation-focused recommendations that support decision-making and long-term community resilience.**

Laura Hanson – Project Manager and Public Outreach and Educational Materials Lead | Vancouver, WA

Laura will serve as the City's primary point of contact and lead day-to-day coordination, quality management, schedule control, and milestone delivery. Based in Vancouver, Laura brings more than 20 years of experience in resilience planning, emergency management, disaster recovery, stakeholder engagement, and multi-agency coordination. Her experience includes six years of emergency management planning in the Portland-Vancouver region working closely with the Clark Regional Emergency Services Agency (CRESA) and local jurisdictions, regional recovery planning, smoke and heat resilience programs, and 2020 wildfire recovery planning in Clackamas County. **In addition to project management, Laura will lead education, outreach, and training, as well as help connect technical findings with local priorities that strengthen preparedness and inform appropriate education materials for property owners, community residents, and City agencies.**

David Rother, Ph.D. – Wildfire Risk Mapping and Mitigation | San Diego, CA

David will support Tasks 1 and 2 with wildfire risk characterization, climate change scenarios, mitigation-strategy development, and technical review. An National Fire Protection Association (NFPA) Certified Wildfire Mitigation Specialist, David, combines applied wildfire planning experience with specialized expertise in wildfire behavior, climate impacts, fire weather, vulnerability assessment, and risk reduction. His experience includes developing wildfire risk and vulnerability frameworks for critical infrastructure and communities throughout the western United States, including resilience and wildfire planning efforts in Oregon. He brings extensive familiarity with the climate, vegetation, topography, and fire regimes that influence wildfire risk across the Pacific Northwest, allowing him to apply nationally recognized best practices within a locally relevant context. He has also delivered Federal Emergency Management Agency (FEMA) pilot trainings on wildfire preparedness, hazard analysis, and resilience planning. **For Camas, David will help evaluate wildfire hazards, vulnerabilities, and mitigation opportunities using current science and best practices, ensuring the City's risk assessment and resilience strategies reflect local conditions and needs.**

Michelle Toner – Wildfire ArcGIS Mapping | Hartford, CT

Michelle will lead development of the ArcGIS-based wildfire risk map, integrate wildfire exposure and vulnerability indicators, and create clear mapping products that support mitigation planning and communicate risk. Her expertise in GIS modeling, geospatial analysis, and visualization will help ensure the City's wildfire resilience strategies are grounded in science and clearly communicated to decision-makers, stakeholders, and the broader community. With nearly a decade of experience in GIS, spatial modeling, hazard mapping, vulnerability analysis, and web-based mapping applications, Michelle specializes in transforming complex datasets into planning and decision-support tools. Her experience includes supporting wildfire vulnerability assessments in California, statewide hazard and critical infrastructure analyses for both the Washington State Department of Transportation and the Oregon Department of Energy, and resilience planning initiatives for public-sector clients. **A significant portion of Michelle's work supports Washington communities and agencies, giving her extensive familiarity with the state's geography, infrastructure, land use patterns, and data sources.**

Michael Oakes – Open-Space Field Observations | Portland, OR

Michael will support field observations in City-owned parks, open spaces, and natural areas. He brings seven years of experience conducting environmental and natural resource investigations, vegetation assessments, habitat mapping, prescribed fire, invasive species observations, and

environmental site characterization. He brings strong experience evaluating vegetation communities and identifying landscape characteristics that influence environmental risk in the local region. For the Oregon Department of Energy, Michael has supported noxious vegetation observations and erosion control measures across Oregon landscapes overseeing site logistics, regulatory compliance activities, and coordination among clients, laboratories, and field teams. **For Camas, Michael will support field observations at priority open-space tracts, help verify wildfire risk mapping, and assess vegetation and topographic conditions that may contribute to fire spread. His field expertise will ensure the City's wildfire risk assessment and mitigation strategies reflect on-the-ground conditions and the unique characteristics of Camas' parks, open spaces, and natural areas.**

Ryan Cole – Graphics | Vancouver, WA

Ryan will lead the development of graphics and support Camas' wildfire mitigation and outreach needs. Ryan has more than 20 years of experience translating complex environmental and planning information into accessible maps, infographics, exhibits, presentations, and digital content that help public audiences understand technical issues. **His local experience includes public-facing graphics and educational materials about the former Georgia-Pacific Mill site that highlight the area's industrial and environmental history. Ryan will apply his local experience to create engaging wildfire preparedness, mitigation resources, and outreach materials that will resonate.**

SUBCONSULTANTS

Cori Mikkalo – Wildfire Mitigation Strategies Lead | FAIR WINDS CONSULTING, LLC | Arlington, OR

Cori, owner and lead consultant of Fair Winds Consulting, will serve as lead for Task 2, developing climate-adaptive wildfire mitigation strategies for City parks, open spaces, natural areas, facilities, and private properties. **Cori specializes in wildfire hazard assessment, vegetation management, Community Wildfire Protection Plans, natural hazard mitigation planning, and climate adaptation.** As a volunteer wildland fire fighter, **she brings hands-on experience developing locally relevant mitigation strategies for small communities throughout Oregon,** including Gilliam County's Wildfire Hazard Assessment and Vegetation Management Plan and Wheeler County Community Wildfire Protection Plan.

Travis Shappell – Mitigation Strategies, Public Outreach, and Education Materials | RESILIENT COMMUNITIES, LLC | Portland, OR

Travis will support Tasks 2 and 3, connecting wildfire risk findings with applicable, long-term resilience actions. With more than a decade of experience in resilience planning, urban design, and community-focused planning, Travis specializes in translating climate and hazard information into actionable strategies that improve preparedness and protect vulnerable populations. **His work includes resilience hub, evacuation access, and climate-conscious development planning for communities across Washington, Oregon, and California,** including the FEMA-funded Puget Sound Resilience Hubs initiative and resilience planning for smaller and mid-sized communities. **For Camas, Travis brings direct regional understanding and will draw on Resilient Communities' planning work (including the City of Camas Downtown Subarea Plan) to develop locally relevant mitigation strategies that strengthen community preparedness, emergency response, and long-term resilience.**

Margaret Raimann – Public Outreach and Education Materials | RESILIENT COMMUNITIES, LLC | Portland, OR

Margaret will support community outreach and training to ensure wildfire mitigation recommendations reflect local priorities and implementation realities. With more than a decade of planning and spatial analysis experience, Margaret specializes in resilience planning, stakeholder engagement, and implementation-focused planning processes. Her experience includes resilience plans, post-wildfire recovery planning efforts, and community engagement programs throughout the Pacific Northwest and California. **Margaret also brings valuable local knowledge through her work on the City of Camas Downtown Subarea Plan. For Camas, she will help engage stakeholders, incorporate community perspectives, and develop actionable strategies that reduce wildfire risk and strengthen community resilience.**

Relevant Projects

OUR RECENT EXPERIENCE DEMONSTRATES OUR VALUE Haley & Aldrich's team expertise enables us to develop strategies in the best interest of the City of Camas.	WILDFIRE RISK ASSESSMENT	GIS MAPPING/ VISUALIZATION/ DECISION SUPPORT	WILDFIRE RISK MITIGATION STRATEGIES	EDUCATION/ OUTREACH /TRAINING
Community Resilience Extreme Events Portal National Disaster Preparedness Training Center	●	●	●	●
Energy Security and Resilience Planning Oregon Department of Energy	●	●	●	
FIFA World Cup Climate and Wildfire Preparedness Training Program National Disaster Preparedness Training Center	●		●	●
Coastal Transportation Vulnerability Assessment Planning Study Washington State Department of Transportation, Washington		●		
Wildfire Hazard Assessment and Vegetation Management Plan Gilliam County, Oregon	●		●	
Community Wildfire Protection Plan Wheeler County, Oregon	●		●	
Regional Resilience Hubs Seattle and Tacoma Offices of Emergency Management, Washington				●

PROJECT APPROACH AND UNDERSTANDING

Haley & Aldrich's integrated, multidisciplinary team understands the urgency of developing a more granular, Camas-specific wildfire risk assessment that reflects local conditions and constraints and provides an actionable basis for prioritizing mitigation. Although the Washington State Department of Natural Resources (DNR) WUI map provides useful regional context, it lacks the municipal-scale detail needed to inform where to target mitigation strategies. This project will deliver a Camas-specific assessment that identifies areas of elevated risk and provides an actionable basis for mitigation planning, emergency preparedness, future policy decisions, and tailored education and outreach materials. The assessment will combine present-day and projected wildfire conditions with information on exposed populations, community assets, infrastructure, vulnerability, and evacuation challenges. City and County data and field observations will provide local context, and data gaps, assumptions, and limitations will be clearly documented.

Our three tasks form one continuous planning process. Task 1 will identify and map where relative risk is elevated and what drives it. Task 2 will translate those findings into prioritized strategies for City-owned open spaces, buildings, private property, critical infrastructure, emergency preparedness, and smoke resilience. Task 3 will develop actionable education and outreach materials that help users understand their relative risk and available risk-reduction measures. Together, the risk map, mitigation plan, and educational materials will provide Camas with a technically sound and actionable framework to move from **risk identification to prioritized action, community resilience, and capacity building**.

Hours by team member and task

Team Member	Role	Task 1	Task 2	Task 3	TOTAL
Christy Duitman	Project Principal	4	4		8
Daniele Spirandelli, Ph.D.	Project Lead and Wildfire Risk Assessment Lead	100	67	29	196
Laura Hanson	Project Manager and Public Outreach and Educational Materials Lead	40	58	77	175
David Rother, Ph.D.	Wildfire Risk Mapping and Mitigation	100	63	15	178
Michelle Toner	Wildfire ArcGIS Mapping	200			200
Michael Oakes	Open-Space Field Observations	40			40
Ryan Cole	Graphics		30	20	50
Hebe Clark	Deliverables Quality Control and Copyediting	8	8		16
Brionna Timmerman	Project Controls and Invoicing	5	5	5	15
Cori Mikkalo	Wildfire Mitigation Strategies Lead		125	56	181
Travis Shappell	Mitigation Strategies, Public Outreach and Education Materials		52	83	135
Margaret Raimann	Public Outreach and Education Materials		4	40	44
Jorge Zuniga	Public Outreach and Education Materials		44	42	86

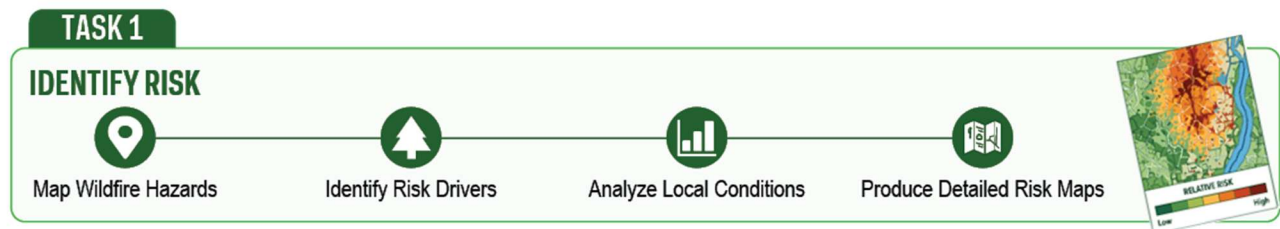
PROJECT MANAGEMENT

Our project management philosophy combines detailed planning and clear, frequent communication with the right staff resources from our local offices. Within two weeks of contract execution, our team will hold a 60-minute kickoff meeting with the City project team to confirm expectations, roles, communication protocols, and progress-reporting procedures. Our team will create a shared file repository and an internal dashboard to manage references, deliverables, meeting notes, GIS layers, photographs, graphics, milestones, and document control. Regular virtual meetings, along with monthly invoices and progress reports, will support ongoing coordination with the City.

Within 30 days of contract execution, Haley & Aldrich will submit a detailed 10-month Gantt work plan for City review and will revise it based on City comments. The living work plan will guide task timing, resource allocation, deliverables, City deadlines and decision points (e.g., selecting five field sites), mapping criteria, preliminary risk classifications, and mitigation-strategy screening. The project team will maintain a decision log documenting City direction, key assumptions, data limitations, and agreed changes, and will maintain a project risk register to jointly mitigate project risks.

Deliverables: Project kickoff meeting agenda and meeting notes; detailed 10-month Gantt work plan; project risk register and decision log.

TASK 1. CLIMATE-DRIVEN WILDFIRE RISK ASSESSMENT AND MAPPING



Task 1 will develop a granular, municipal-scale understanding of where wildfire may occur in Camas and where its consequences may be greatest. We will use federal and state publicly available data, including the DNR WUI map as regional context, to develop a City-specific assessment that integrates climate-driven wildfire exposure, development patterns, open space, field-confirmed conditions, critical infrastructure, evacuation considerations, and community vulnerability. The assessment will culminate in a citywide ArcGIS wildfire risk map that provides a technical basis for mitigation, emergency preparedness, outreach, and planning.

1.1 Confirm goals, objectives, risk framework and intended use

A robust wildfire risk assessment begins with clear objectives, a shared definition of risk, and agreement on how the City will use the results. Drawing on our expertise in wildfire risk, community resilience, and geospatial analysis, Haley & Aldrich will facilitate a 60-minute working meeting with the City project team to confirm these elements. We will also establish criteria and a process for jointly selecting five City-owned open-space sites for field observations.

Our preliminary framework defines wildfire risk as the intersection of four related components: **hazard, exposure, vulnerability, and structure-to-structure ignition potential** (Figure 1).

The WUI is not a single condition: it includes both **interface areas**, where development borders parks, open spaces, and other wildland fuels, and **intermix areas**, where structures and vegetation are interspersed. We will distinguish WUI conditions from **urban conflagration zones**, where wildfire may transition into the built environment and spread structure-to-structure through embers, radiant heat, and direct flame. This distinction is critical because a WUI designation identifies a geographic relationship, not risk itself.

During the meeting, we will confirm the assessment approach, geographic scale, spatial analysis units, climate-planning horizons, scenarios, risk components, classification, and acceptable map precision. We will discuss how the City will use the results for mitigation, emergency preparedness, open-space management, capital planning, community education, and evaluation of future policies or code changes. These decisions will guide a municipal risk map that supports the City's mitigation and emergency planning needs. Early agreement on these parameters will support consistent analysis and avoid unnecessary revisions later in the project.

1.2 Data compilation and gap assessment

We will create a structured inventory of publicly available geospatial data and relevant planning documents. We will begin with available City and County layers and will coordinate with the City to identify data that may be obtained from Clark County, State, and partner agencies. An initial list of data sources includes:



Figure 1 Four components of the wildfire risk assessment framework.¹

DATASET	DESCRIPTION	SOURCE
Climate Toolbox	Historical and projected climate, fuel moisture, fire-danger, and fire potential	University of California, Merced
ClimRR	Historical and projected climate and Fire Weather Index (FWI)	Argonne National Laboratory
Wildfire Risk to Communities	Wildfire likelihood, intensity, exposure, structure risk, and vulnerable populations	Missoula Fire Sciences Laboratory; U.S. Forest Service (USFS)
Wildland-Urban Interface	Development density and proximity to wildland vegetation	WA DNR and USFS
Combined Wildland Fire Dataset for the United States (1835-2020)	Historical fire locations, perimeters, dates, causes, and sizes	USGS
Monitoring Trends in Burn Severity Burned Area (1984-Present)	Fire extent and burn severity	Interagency
Spatial Wildfire Occurrence Data for the United States (1992-2020)	Historical fire locations, dates, sizes, and causes	USFS
LANDFIRE	Topography, vegetation, and fuel characteristics	U.S. Department of Agriculture
Annual National Land Cover Database	Natural and developed land cover	USGS
Social Vulnerability Index	Demographics, education, housing	Center for Disease Control and Prevention
Overburdened Communities of WA	Indicators of environmental health disparities	Office of Financial Management
Clark County Open Data	Building, roads, emergency services, infrastructure, utilities, WUI	Clark County
City of Camas ArcGIS Online	Property, environmental, utility, transportation, parks, and geology	City of Camas

We will review key documents, including the Our Camas 2045 Comprehensive Plan; Parks, Recreation, and Open Space Plan; Parks and Open Space Management Plan; Recommended Tree List; and Sister Climate City Assessment, Street Tree Succession Plan, Clark County Natural Hazard Mitigation Plan, and neighboring wildfire mitigation efforts and plans from Washougal and Vancouver, Washington. A focused data-gap assessment will identify where field observations, City knowledge, or professional judgment are needed.

1.3 Climate and future wildfire hazards analysis

We will map present-day wildfire hazard using U.S. Forest Service Burn Probability, a 270-meter-resolution estimate of annual wildfire likelihood, as the wildfire hazard layer. We will review fire occurrence, land cover, vegetation, topography, and disturbance data, along with City information, local knowledge, and field observations as independent checks on data quality and local conditions. We will calculate a relative wildfire hazard score using Burn Probability, vegetation and fuel characteristics, and topography. Preliminary results will inform the joint selection of five City-owned open-space sites for field observations.

In consultation with the City, we will select plausible future climate scenarios and planning horizons that provide meaningful differences for planning. Based on City priorities, available data, and budget, we will use open-source data and tools to evaluate how projected changes in temperature, drought, vegetation stress, fuel moisture, seasonal dryness, and fire weather may intensify current wildfire hazard or increase uncertainty. We will document methods, data resolution, assumptions, and uncertainty to provide a technically sound, planning-level assessment without implying parcel-level precision.

1.4 Exposure and community vulnerability analysis

Building on the wildfire hazard score, we will develop indicators of exposure, vulnerability, and structure-to-structure ignition potential. Exposure indicators represent the presence and concentration of people, development, critical facilities, infrastructure, parks and open spaces, and evacuation routes within mapped hazard areas. Vulnerability indicators identify characteristics of populations and community assets that influence loss, increase potential damage, health effects, and evacuation challenges. The indicators may address both social vulnerability and smoke sensitive populations, constrained access, critical service dependencies, and limited infrastructure redundancy. Depending on data availability, indicators may include building density and arrangement, development patterns, and proximity to wildland fuels. We will select indicators with the City based on relevance, data quality, spatial resolution, and suitability for public maps.

1.5 Open-space field observations

In coordination with the City, we will select five City-owned open-space sites based on their relevance, perceived wildfire risk, critical infrastructure, and representative conditions. Using a standardized field protocol informed by recognized WUI assessment practices, we will document conditions that may influence ignition, spread, or suppression, including:

- » slope, aspect, terrain and topographic features;
- » vegetation type, density, condition, and continuity;
- » ladder fuels and accumulated woody material;
- » proximity of vegetation to adjacent structures;
- » ingress, egress, and operational constraints;
- » adjacent off-site fuels and topographic features;
- » nearby fire stations;
- » existing fuel-management or maintenance practices; and
- » environmental or operational constraints affecting mitigation.

Field findings will test desktop assumptions and may increase or decrease wildfire hazard and exposure scores using documented adjustment criteria. The findings will also support site-specific mitigation examples and recommendations. The City will arrange required escorts, access, or permissions.

1.6 Risk integration and ArcGIS mapping

We will develop a City-scale risk map by converting wildfire hazard, exposure, vulnerability, and field observations to a common scoring scale and applying transparent classification and weighting criteria developed with the City. We will retain component scores within the overall relative-risk classification so users can determine whether elevated risk results from wildfire hazard, projected climate changes, concentrated community assets, population or infrastructure vulnerability, or combined factors. This structure will help the City select appropriate mitigation responses.

We will develop the analysis in ArcGIS and configure the map and supporting data for the City's ArcGIS Online platform. The public-facing map will display overall relative-risk, selected component scores and risk drivers, definitions, sources, and limitations. City staff can use the map to compare areas and prioritize mitigation, emergency planning, and outreach, without implying parcel-level precision or predicting individual wildfires.

As an optional added service, Haley & Aldrich can use BehavePlus to compare potential rate of spread, flame length, and fireline intensity under one baseline and one more extreme fuel-moisture and weather conditions scenario at the five City-owned open-space sites. For each site, we will develop representative model inputs using field-observed vegetation, fuels, slope, and scenarios of weather and fuel-moisture conditions. Results will illustrate how increasingly dry, hot, or windy conditions could affect fire behavior and inform site-specific mitigation priorities.

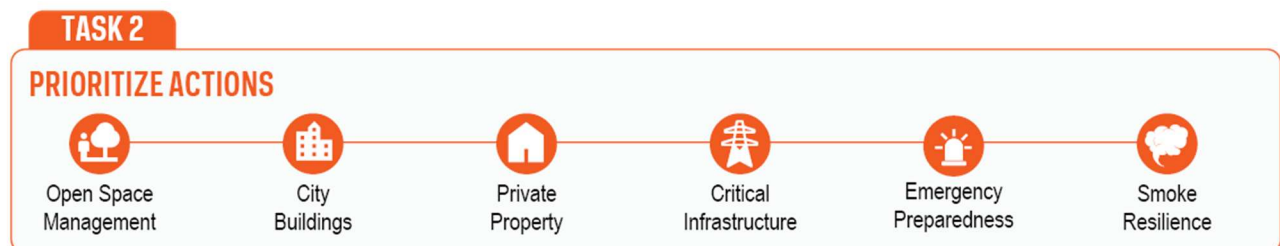
1.7 Risk-assessment report

We will prepare the Task 1 sections of the draft Climate-driven Wildfire Risk Assessment and Risk Mitigation Report, documenting methods, climate trends, risk factors, field observations, fire history, potential impacts, mapping results, and limitations. Maps, tables, graphics, and concise narrative will communicate findings to technical and nontechnical audiences. City comments on the draft will be tracked and incorporated into the final report.

Task 1 deliverables:

- » data inventory and gap summary;
- » field-observation protocol, notes, and photographs;
- » documented wildfire-risk methodology;
- » draft and final ArcGIS wildfire risk map; and
- » Task 1 sections of the Draft Climate-driven Wildfire Risk Assessment and Risk Mitigation Report.

TASK 2. RISK MITIGATION STRATEGIES



Task 2 will convert Task 1 findings into practical and climate-adaptive actions for public and private property. We will connect each strategy to known local risks and organize recommendations by responsibility, implementation time frame, and location. The task will address City parks and open spaces, natural areas, buildings, private property, and fire-adapted community best practices.

2.1 Existing plans, regulations, and practices review

We will evaluate wildfire strategies in the Clark County Natural Hazard Mitigation Plan, Clark Public Utilities Wildfire Mitigation Plan, local comprehensive plans, and open space, urban forestry with applicable fire and WUI programs, along with relevant code provisions and policies.

We will identify existing City authorities and programs, current risk-reduction efforts, and regulatory or program gaps. We will evaluate the technical basis and potential options for future policy or code changes. Recommendations will describe the risk addressed, benefits, implementation considerations, and topics that may require legal, planning, fire, or building-official review. Assumption: We will not draft code amendments.

2.2 Mitigation best-practices research

We will identify, in collaboration with the City and relevant stakeholders, a customized set of best practices applicable to Camas parks, open space, and natural areas, drawing on the National Wildfire Coordinating Group (NWCG) WUI Mitigation Field Guide, and the Society of Fire Protection Engineers WUI Virtual Handbook for Fire Risk Assessment and Mitigation (2nd Edition). Potential strategy categories will include:

- » vegetation and fuel treatment and reduction;
- » prescribed and cultural burns;
- » park and open-space maintenance including biomass utilization, watershed protection actions;
- » emergency access and evacuation readiness;
- » water supply and fire-suppression support; and
- » wildfire detection, alerts and communication.

2.3 City-owned land mitigation opportunities

Using the Task 1 map and field observations, we will identify opportunities to reduce wildfire risk in City-owned parks, open spaces, and natural areas. Recommendations may address vegetation management, fuel discontinuities, maintenance practices, treatment priorities, access, signage, monitoring, and coordination with adjacent property owners. We will account for ecological functions and natural resource management goals, recreational uses, maintenance capacity, and worker safety. This evaluation will help the City avoid strategies that reduce one risk while creating another environmental or operational concern.

2.4 Buildings and private property strategies

We will identify applicable measures for property owners to reduce structure ignition risks. These may include ignition zone best practices (concentrating on 0-30 feet from the structure), structural hardening, roof and gutter maintenance, vegetation spacing, firewood or flammable storage, defensible space, and emergency preparedness. We will identify the applicable code context and distinguish between measures that are required, recommended, or potentially appropriate for future City consideration. These findings will support the property-owner materials developed under Task 3.

2.5 Fire-adapted community strategies

Drawing on Fire-Adapted Communities guidance, we will identify community-scale actions that complement open-space, building, and property improvements. Strategies may include neighborhood preparedness, evacuation and smoke readiness, assistance for vulnerable residents, Firewise USA participation, coordinated property-owner action, and integration with existing emergency-management programs. Recommendations will reflect the City's authority and operational capacity.

2.6 Agency and utility consultation

We will consult with CRESA, the local Public Utility District, emergency responders, and other priority agencies identified with the City, for up to five consultation interviews. Coordination may include interviews needed to validate preliminary findings, recommendations, and assumptions. We will document input and show how it influenced the recommended strategies, or why it could not be incorporated.

2.7 Strategy prioritization

We will develop a strategy framework with the City to identify the priority mitigation actions, responsible party, geographic focus, implementation time frame, relative cost, maintenance implications, and relationship to emergency planning. We will distinguish City-led actions, interagency actions, and voluntary property-owner measures so recommendations do not imply City authority or responsibility where none exists.

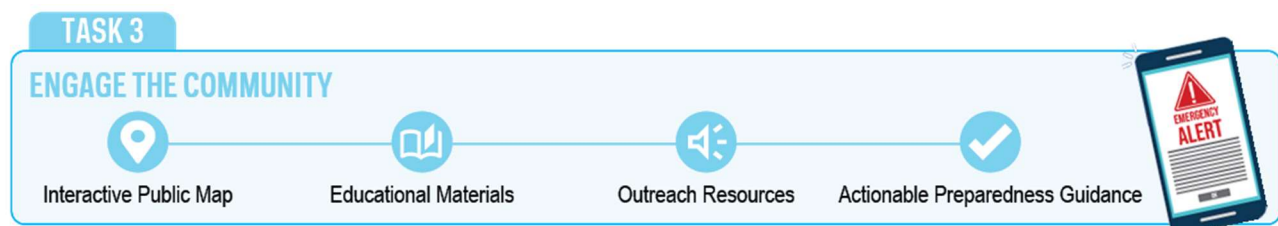
2.8 Mitigation strategy report

We will prepare the Task 2 sections of the draft and final report. These sections will summarize strategies, recommended measures, responsible entities, priorities, and implementation considerations.

Task 2 deliverables:

- » Draft Climate-driven Wildfire Risk Assessment and Risk Mitigation Report (to be reviewed by City project team);
- » ArcGIS Wildfire Risk Map (to be publicly accessible online); and
- » Final Climate-driven Wildfire Risk Assessment and Risk Mitigation Report (to be shared with City Council and digitally accessible to the public).

TASK 3. PUBLIC OUTREACH AND EDUCATIONAL MATERIALS



Task 3 will translate wildfire risks and mitigation strategies into accessible, actionable materials for property owners, neighborhoods, vulnerable populations, City staff, and community partners. Our team includes experienced resilience and wildfire risk instructors who use train-the-trainer approaches to strengthen local community capacity. We will prepare a package of materials that City staff and future facilitators can deploy with minimal additional preparation.

3.1 Audience and communications framework

We will work with the City to confirm priority audiences, communication channels, accessibility considerations, and calls to action. Potential audiences include property owners, residents near open spaces, renters, vulnerable populations, Community-Based Organizations, City maintenance staff, planners, permit staff, and emergency-response partners.

We will develop a concise message framework that links local wildfire and smoke risks to specific mitigation measures, including home hardening, near-structure fuel management, routine maintenance, smoke preparedness, evacuation

The project team will use best practices for accessible communications: plain language, concise graphics, and consistent terminology across all Task 3 materials to make technical information understandable without oversimplifying the details.

readiness, and community support networks. Wildfire risk crosses property lines, so materials will encourage neighbors to work together to reduce shared risk and build a fire-adapted community. Materials will be both standalone and able to integrate with the online wildfire risk map.

3.2 Property-owner education materials

We will prepare content specific to the City of Camas by refining national and state guidance in collaboration with local emergency agencies (e.g., CRESA, emergency operations, fire, sheriff). Content will emphasize practical actions and avoid creating a false expectation that individual measures can eliminate wildfire risk. Content will include information addressing individuals, property owners, and community-based organizations with print and electronic materials that explain:

- » climate-driven wildfire and smoke risks in Camas;
- » property-preparedness measures;
- » defensible-space and home-hardening practices in the structure ignition zone;
- » actions before, during, and after elevated fire conditions;
- » environmental considerations for vegetation removal; and
- » agency resources and contact information.

3.3 City staff informational materials

We will prepare project informational materials that help City staff understand and communicate the project findings. The package may include presentation slides, facilitator notes, frequently asked questions, graphics, and concise reference sheets.

3.4 Community training and education package

We will prepare a course outline with learning objectives, key messages, activities, timing, resources, and agency contacts for use by City staff or future facilitators. The course will connect climate trends and local risk to property mitigation, community preparedness, smoke resilience, and available assistance. We will assemble the course content, property-owner resources, presentation materials, and references into a coordinated Wildfire and Climate Resilience Materials Package aligned with the report and public map and suitable for City websites, public meetings, and neighborhood programs.

3.5 Accessibility, consistency, and finalization

We will review the materials for accessibility, accuracy, and consistency with the final report and map. The technical team will verify wildfire and climate content, while the outreach team will review readability and usability. We will submit draft materials with the April 2027 project deliverables, document City comments, and finalize the package before June 30, 2027.

3.6 Project presentations to City

We will present the findings of the Wildfire Risk Assessment and the draft Mitigation Strategies to City Council during the execution of Task 1 and Task 2, respectively. We will make one final project presentation each to City Council, the Parks and Recreation Commission and the Planning Commission.

Task 3 deliverables:

- » communications and audience framework;
- » property-owner wildfire and climate-resilience materials;
- » City staff presentation and reference materials;
- » Midway presentations to City Council on the Risk Assessment Findings and draft Mitigation Strategies
- » wildfire and climate-resilience course outline;
- » supporting resources and agency contact information; and
- » final Wildfire and Climate Resilience Materials Package
- » final presentations to City Council, the Parks and Recreation Commission and the Planning Commission

INTEGRATION ACROSS TASKS

The three tasks will function as one continuous planning process. Task 1 will identify and map climate-driven wildfire risk. Task 2 will use findings to develop prioritized, locally appropriate strategies. Task 3 will translate the assessment and recommendations into outreach materials. Regular coordination, shared data management, and milestone reviews will keep the map, report, recommendations, and educational materials technically aligned.

QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES

QUALITY ASSURANCE AND QUALITY CONTROL

All project deliverables—including reports, ArcGIS products, mitigation recommendations, training, and public education materials—will undergo a structured multi-level review process. Technical analyses will be reviewed by senior subject matter experts for accuracy and consistency, while project leadership will verify that recommendations are implementable and responsive to the City’s objectives. Administrative staff will perform editorial and formatting reviews before final approval.



Project management techniques

Haley & Aldrich will use a project-specific management approach to coordinate the wildfire risk assessment, GIS mapping, field observations, mitigation strategies, and educational materials required. The Project Lead and Program Manager will establish clear responsibilities, deliverables, milestones, and decision points at project kickoff, ensuring all work remains aligned with the City’s objectives and grant requirements. Our project management framework manages scope, schedule, deliverables, and quality control.



Maintaining communication channels

Monthly coordination meetings with the City project team, including the Fire Chief, Community Development Director, Public Works Director, Parks and Recreation Director, and other City stakeholders, as well as milestone review meetings, ongoing email, and phone communication will provide opportunities to review findings, discuss project progress, confirm priorities, and obtain feedback on draft deliverables. We will use the project decision log and risk register at these meetings to track and monitor decisions and risks.



Mitigating scope creep

At project initiation, Haley & Aldrich will develop a detailed Gantt work plan to define project tasks, assumptions, deliverables, and City responsibilities. The work plan will be used to track project progress and evaluate any requested changes. Potential scope modifications will be evaluated for impacts to schedule and resources and reviewed with the City before implementation. Decisions will be documented in the decision log. Regular status meetings will help identify issues early and keep the project focused on the successful completion of deliverables.



Managing timelines

Our team understands that the project must be completed by June 30, 2027, to meet grant requirements. We will develop and maintain a detailed project schedule aligned with the City’s desired timeline. The Project Manager will monitor progress against key milestones, coordinate staff resources, and track critical-path activities to ensure deliverables are submitted on time. Internal quality assurance/quality control reviews will be scheduled in advance of each City submittal to minimize the potential for delays or rework.



Budget control

Haley & Aldrich employs proactive project controls to ensure resources are used efficiently and project objectives are achieved within budget. The Project Manager will regularly review labor utilization, completed work, upcoming activities, and overall progress against the approved work plan. By closely monitoring project performance and maintaining frequent communication with the City, we can quickly identify and address issues that could affect cost, schedule, or scope.

ADHERENCE TO SCHEDULE

Project Management

Task 1: Climate-driven Wildfire Risk Assessment and Mapping/Project Kickoff

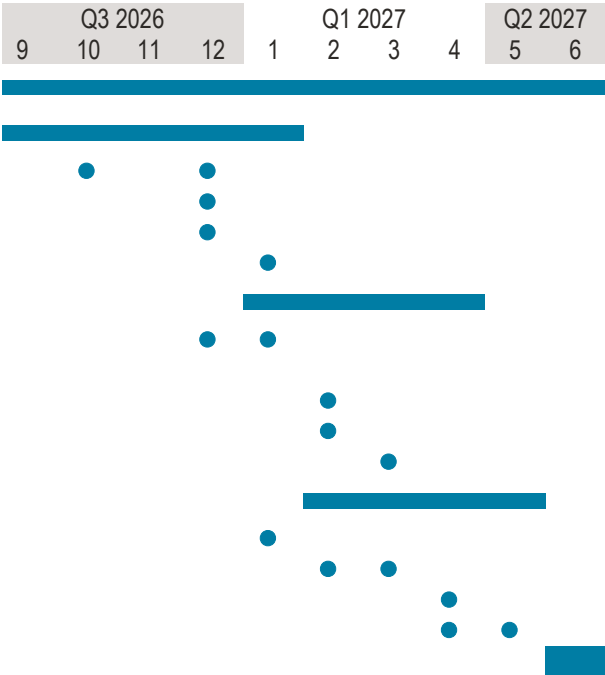
- 1.1-1.4 Hazard and vulnerability analysis [City action: participate in risk framework]
- 1.5 Open-space field observations [City action: selection of locations]
- 1.6 Risk integration and mapping
- 1.7 Draft risk assessment report [City action: review draft and provide feedback]

Task 2: Risk Mitigation Strategies

- 2.1-2.5 Review existing plans, strategies and best practice opportunities [City action: provide plans and background information requested]
- 2.6 Agency consultation [City action: facilitate selection and connections to agencies]
- 2.7 Strategy prioritization [City action: participate in prioritization decisions]
- 2.8 Mitigation strategy report [City action: review report and provide feedback]

Task 3: Public Outreach, Educational Materials

- 3.1 Audience and communications framework [City action: confirm audiences]
- 3.2-3.5 Draft property, City, community outreach and education materials
- 3.6 Finalize draft Wildfire and Climate Materials Package
- [City action: review draft report, map, outreach and education materials]
- Final Wildfire and Climate Materials Package



Project Roll-Up									
HALEY ALDRICH		1- Risk Assessment & Mapping		2- Risk Mitigation Strategies		3- Public Education & Outreach		Project Total	
		Hours	Fees	Hours	Fees	Hours	Fees	Hours	Fees
HA-Christy Duitman	250	4	\$1,000	4	\$1,000	0	\$0	8	\$2,000
HA- Daniele Spirandelli	228.75	100	\$22,875	67	\$15,326	29	\$6,634	196	\$44,835
HA- Laura Hanson	221.92	40	\$8,877	58	\$12,871	77	\$17,088	175	\$38,836
HA- Ryan Cole	179.22	0	\$0	30	\$5,377	20	\$3,584	50	\$8,961
HA- David Rother	159.33	100	\$15,933	63	\$10,038	15	\$2,390	178	\$28,361
HA- Michelle Toner	150.18	200	\$30,036	0	\$0	0	\$0	200	\$30,036
HA- Michael Oakes	139.57	40	\$5,583	0	\$0	0	\$0	40	\$5,583
HA- Hebe Clark	120.54	8	\$964	8	\$964	0	\$0	16	\$1,929
HA- Brionna Timmerman	108.34	5	\$542	5	\$542	5	\$542	15	\$1,625
FW- Cori Mikkalo	200	0	\$0	125	\$25,000	56	\$11,200	181	\$36,200
RCG- Travis Shappell	180	0	\$0	52	\$9,360	83	\$14,940	135	\$24,300
RCG-Margaret Raimann	180	0	\$0	4	\$720	40	\$7,200	44	\$7,920
RCG- Jorge Zuniga	120	0	\$0	44	\$5,280	42	\$5,040	86	\$10,320
Totals		497	\$85,810	460	\$86,478	367	\$68,618	1324	\$240,905

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Firms Legend

HA = Haley and Aldrich, Inc.

FW= Fair Winds Consulting

RCG = Resilient Communities Group

1- Risk Assessment & Mapping										
HALEY ALDRICH	Activity:	1.1 Goals Objectives & Risk Framework	1.2 Data & Gap Assessment	1.3 Wildfire Hazards Analysis	1.4 Vulnerability Analysis	1.5 Field Observations	1.6 Integration & GIS Mapping	1.7 Report	1.0 Project Management	Totals
		15	55	59	59	64	139	87	19	Hours Fee
										497 \$85,810
HA-Christy Duitman	250							4		4 \$1,000
HA- Daniele Spirandelli	228.75	10	6	18	18	4	10	30	4	100 \$22,875
HA- Laura Hanson	221.92	5	3	3	3	3	3	10	10	40 \$8,877
HA- Ryan Cole	179.22									0 \$0
HA- David Rother	159.33		16	13	13	17	11	30		100 \$15,933
HA- Michelle Toner	150.18		30	25	25		115	5		200 \$30,036
HA- Michael Oakes	139.57					40				40 \$5,583
HA- Hebe Clark	120.54							8		8 \$964
HA- Brionna Timmerman	108.34								5	5 \$542
FW- Cori Mikkalo	200									0 \$0
RCG- Travis Shappell	180									0 \$0
RCG- Margaret Raimann	180									0 \$0
RCG- Jorge Zuniga	120									0 \$0

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2- Risk Mitigation Strategies											
HALEY ALDRICH	Activity:	2.1 Plans, Regs, Practices Review	2.2 Mitigation Best Practices	2.3 City Owned Land Mitigation Opps	2.4 Buildings & Private Property Strategies	2.5 Fire-adapted Communities Strategies	2.6 Agency & Utility Consultation	2.7 Strategy Prioritization	2.8 Mitigation Strategy Report	2.0 Project Management	Totals
											Hours Fee
		27	21	55	58	73	24	51	117	34	460 \$86,478
HA-Christy Duitman	250								4		4 \$1,000
HA- Daniele Spirandelli	228.75	4	4	3	3	2	12	20	15	4	67 \$15,326
HA- Laura Hanson	221.92	2	2	2	2	2	8	10	20	10	58 \$12,871
HA- Ryan Cole	179.22							10	20		30 \$5,377
HA- David Rother	159.33	10	10	10	3				30		63 \$10,038
HA- Michelle Toner	150.18										0 \$0
HA- Michael Oakes	139.57										0 \$0
HA- Hebe Clark	120.54								8		8 \$964
HA- Brionna Timmerman	108.34									5	5 \$542
FW- Cori Mikkalo	200	5	5	40	30	5	4	6	20	10	125 \$25,000
RCG- Travis Shappell	180	2			8	32		5		5	52 \$9,360
RCG-Margaret Raimann	180	4									4 \$720
RCG- Jorge Zuniga	120				12	32					44 \$5,280

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3- Public Education & Outreach									
HALEY ALDRICH		3.1 Audience & Activity: Communications Framework	3.2 Property Owner Education Materials	3.3 City Staff Informational Materials	3.4 Community Training & Education Package	3.5 Accessibility, Consistency, Finalization	3.6 Presentations to City	3.0 Project Management	Totals
									Hours Fee
		38	64	57	114	19	36	39	367 \$68,618
HA-Christy Duitman	250								0 \$0
HA- Daniele Spirandelli	228.75	5	2	2	2	2	12	4	29 \$6,634
HA- Laura Hanson	221.92	15	10	10	15	5	12	10	77 \$17,088
HA- Ryan Cole	179.22		4	4	12				20 \$3,584
HA- David Rother	159.33			15					15 \$2,390
HA- Michelle Toner	150.18								0 \$0
HA- Michael Oakes	139.57								0 \$0
HA- Hebe Clark	120.54								0 \$0
HA- Brionna Timmerman	108.34							5	5 \$542
FW- Cori Mikkalo	200	4	8	8	25	0	6	5	56 \$11,200
RCG- Travis Shappell	180	8	16	12	24	2	6	15	83 \$14,940
RCG-Margaret Raimann	180	6			24	10			40 \$7,200
RCG- Jorge Zuniga	120		24	6	12				42 \$5,040

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