



## TUALATIN CITY COUNCIL MEETING

MONDAY, OCTOBER 09, 2023

**TUALATIN CITY SERVICES**  
**10699 SW HERMAN ROAD**  
**TUALATIN, OR 97062**

Mayor Frank Bubenik  
Council President Valerie Pratt  
Councilor Maria Reyes      Councilor Bridget Brooks  
Councilor Christen Sacco      Councilor Cyndy Hillier  
Councilor Octavio Gonzalez

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To the extent possible, the public is encouraged to watch the meeting live on local cable channel 28, or on the City's website.

For those wishing to provide comment during the meeting, there is one opportunity on the agenda: Public Comment. Written statements may be sent in advance of the meeting to Deputy City Recorder Nicole Morris up until 4:30 pm on Monday, October 9. These statements will be included in the official meeting record, but not read during the meeting.

For those who would prefer to make verbal comment, there are two ways to do so: either by speaking in person or entering the meeting using the zoom link and writing your name in chat. As always, public comment is limited to three minutes per person.

Phone: +1 669 900 6833

Meeting ID: 861 2129 3664

Password: 18880

Link: <https://us02web.zoom.us/j/86121293664?pwd=SS9XZUZyT3FnMk5rbDVKN2pWbnZ6UT09>

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### Work Session

- 1. 5:00 p.m. (30 min) – Climate Action Plan: Review Primer.** The draft community Climate Action Plan is complete and ready to be shared with the City Council and the general public for feedback. Tonight the project team will summarize the information and process that shaped the development of the plan and share information about the various types of actions included in the plan to set the stage for Councilors to review the draft plan. The project team will return to City Council in November to do two deep dive sessions to discuss the actions, focusing on adaptation actions during the November 13 meeting, followed by the mitigation actions during the November 27 meeting.
- 2. 5:30 p.m. (40 min) – City of Portland Wholesale Water Contract – Background & Overview.** Tonight's presentation will include a refresh on the background and timeline leading to this point in the water contract development, an overview of the guiding principles that have been established as foundations of contract negotiations, and a

discussion about Tualatin's desired outcomes. In addition, staff will provide an overview of key provisions within the contract, as they relate to desired outcomes we are seeking to achieve.

- 3. 6:10 p.m. (20 min) – Allocation of Funds to Outside Agencies.** The City of Tualatin opened the grant process on August 1, 2023. A letter of invitation was emailed to all organizations that received funding in FY22/23 or that expressed an interest in participating this year; in addition, information on submitting applications was available on the City's website. The deadline for receiving applications was Friday, September 1, 2023. The FY 23/24 budget set aside \$40,000 for outside agency grants. Staff will return with a formal resolution at the October 23, 2023 Council meeting implementing the Council's direction on the allocation of funds.
  - 4. 6:30 p.m. (30 min) – Council Meeting Agenda Review, Communications & Roundtable.** Council will review the agenda for the October 9 City Council meeting and brief the Council on issues of mutual interest.
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## **7:00 P.M. CITY COUNCIL MEETING**

### **Call to Order**

### **Pledge of Allegiance**

### **Announcements**

- 1.** Proclamation Declaring the Month of October 2023 as Domestic Violence Awareness Month in the City of Tualatin
- 2.** Proclamation Declaring October 23-31, 2023 as Red Ribbon Week in the City of Tualatin
- 3.** New Employee Introduction- Police Officers Brendan Ascher and Christian Jackson, and Sergeant James Wall

### **Public Comment**

*This section of the agenda allows anyone to address the Council regarding any issue not on the agenda, or to request to have an item removed from the consent agenda. The duration for each individual speaking is limited to 3 minutes. Matters requiring further investigation or detailed answers will be referred to City staff for follow-up and report at a future meeting.*

### **Consent Agenda**

*The Consent Agenda will be enacted with one vote. The Mayor will ask Councilors if there is anyone who wishes to remove any item from the Consent Agenda for discussion and consideration. If you wish to request an item to be removed from the consent agenda you should do so during the Citizen Comment section of the agenda.*

- 1.** Consideration of Approval of the Work Session and Regular Meeting Minutes of September 25, 2023



2. Consideration of **Resolution No. 5730-23** Authorizing Acceptance of Right-of-Way from Washington County for the Boones Ferry Corridor Phase 2 Project, Part of the Tualatin Moving Forward Program

## **Special Reports**

1. Summer Programs Recap and Fall Preview

## **Public Hearings - Legislative or Other**

1. Consideration of **Resolution No. 5729-23** Adopting Findings in Support of an Exemption from Competitive Bidding and Authorizing the Use of a Design-Build Alternative Contracting Method for the Juanita Pohl Center Siding Replacement

## **General Business**

1. Council Appointment of Transportation System Plan Community Advisory Committee Members

## **Items Removed from Consent Agenda**

*Items removed from the Consent Agenda will be discussed individually at this time. The Mayor may impose a time limit on speakers addressing these issues.*

## **Council Communications**

## **Adjournment**

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Meeting materials, including agendas, packets, public hearing and public comment guidelines, and Mayor and Councilor bios are available at [www.tualatinoregon.gov/council](http://www.tualatinoregon.gov/council).

Tualatin City Council meets are broadcast live, and recorded, by Tualatin Valley Community Television (TVCTV) Government Access Programming. For more information, contact TVCTV at 503.629.8534 or visit [www.tvctv.org/tualatin](http://www.tvctv.org/tualatin).

In compliance with the Americans with Disabilities Act, this meeting location is accessible to persons with disabilities. To request accommodations, please contact the City Manager's Office at 503.691.3011 36 hours in advance of the meeting.



## CITY OF TUALATIN Staff Report

**TO:** Honorable Mayor and Members of the City Council

**THROUGH:** Sherilyn Lombos, City Manager

**FROM:** Maddie Cheek, Management Analyst II  
Nic Westendorf, Deputy Public Works Director

**DATE:** October 9, 2023

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### SUBJECT

Climate Action Plan: Review Primer

### EXECUTIVE SUMMARY

The draft community Climate Action Plan is complete and ready to be shared with the City Council and the general public for feedback. The project team will summarize the information and process that shaped the development of the plan and share information about the various types of actions included in the plan to set the stage for Councilors to review the draft plan. The project team will return to City Council in November to do two deep dive sessions to discuss the actions. We will focus on adaptation actions during the November 13 meeting, followed by the mitigation actions during the November 27 meeting.

The project team is in the process of meeting with various community groups, like CERT, the Parks Advisory Board, the Planning Commission, and the Tualatin High School's Climate Activism Club to share the plan and gather feedback. Feedback from the larger community will be gathered through an online open house. The online open house is anticipated to go live on October 16 and will remain open through November 10.

### WHAT SHAPED THE DRAFT CLIMATE ACTION PLAN?

***Tualatin's future climate:*** Climate change is already here, and will worsen significantly without strong climate action. Without strong climate action, Tualatin and the region are on track to experience the following climate impacts:

- 60 days of extreme heat (over 90 degrees F) per year, up from a historical average of 6 days per year.
- 20 days of extreme fire danger per year, up from a historical average of 10 days per year.
- An increase in atmospheric river events that bring large volumes of rain over short time periods, leading to increased flooding.

Climate hazards, like extreme heat and poor air quality, can exacerbate existing social, economic, and environmental inequities for members of socially vulnerable groups within the community. This can lead to increased negative impacts on these community members' physical and mental health outcomes.

***Tualatin's climate goal:*** Achieve net zero carbon emissions by 2050 to reduce Tualatin's contribution to climate change and limit the impacts of global warming.

***Tualatin's emissions inventory:*** In 2019, Tualatin's *local and imported emissions* totaled nearly 677,000 metric tonnes of carbon dioxide equivalents (MT CO<sub>2</sub>e).

*Local emissions* sources refer to emissions from activities that take place within the city's geographic boundary, like heating and cooling buildings, cooking food, and driving cars. Tualatin's *local emissions* break down as follows: building energy (42%), transportation energy (12%), waste disposal (<1%), and industrial processes and refrigerants (2%).

*Imported emissions* sources refer to emissions from things that are made outside of the city's geographic boundary but benefit the people within the geographic boundary who use those items or services. This includes things like the production of food and goods, and air travel. Tualatin's *imported emissions* break down as follows: goods production (15%), food production (13%), fuel production (12%), and air travel (3%).

**Community engagement:** Engagement efforts have been ongoing since Spring 2022. Project information and engagement opportunities have been shared through a variety of communication channels, including print materials, advertisements placed around the community, social media, website updates, and the Tualatin Today newsletter. The project team has attended 17 community events and meetings, hosted interactive workshops, and gathered feedback through surveys and an online open house. Feedback gathered throughout this process was a direct input into the actions that show up in the draft plan.

**Stakeholder engagement:** The project team hosted 7 stakeholder workshops and attended events hosted by the Tualatin Chamber of Commerce and Latino Business Network to discuss draft actions included in the plan. In addition, a business-specific survey to collect feedback on the draft actions was completed in June 2023. Stakeholder engagement was critical to understanding what programs and partnerships exist and can be built upon, as well as what might prohibit or enable stakeholders to take meaningful action toward Tualatin's climate action goals. This information is also a direct input into the draft actions.

## **TYPES OF ACTIONS INCLUDED IN THE CLIMATE ACTION PLAN**

The plan includes over 150 actions that could be taken to help people adapt to changing climate conditions or reduce emissions. Different actions will have different pathways for implementation. For example, some actions can be taken by community members and don't require the City to take action. Other actions will require the City to educate the community, conduct research, or partner with other organizations to make progress. Lastly, some actions are flagged as policy decisions. The City Council will need to determine whether or not to move forward with these actions after the plan is adopted.

## **UPCOMING PUBLIC ENGAGEMENT**

The project team shared information about the draft plan with the Community Emergency Response Team (CERT) on 9/27 and plans to meet with the Tualatin Parks Advisory Committee (TPARK) on 10/10, the Tualatin Planning Commission on 10/18, and the Tualatin High School Climate Activism Club (date TBD).

Public feedback on the draft plan will be gathered through an online open house format. The online open house is anticipated to go live on October 16 and will remain open through November 10.

To promote the online open house, the project team will:

- Mail a postcard with a QR code linking to the online open house to every address in Tualatin
- Post flyers with a QR code linking to the online open house around town
- Place four large, A-frame signs with a QR code linking to the online open house in parks
- Send out an email blast to the community members on the project listserv
- Share the online open house in the City newsletter, on social media, and on the City's website homepage
- Place an advertisement in Tualatin Life
- Ask partners and interested community groups, such as the Tigard-Tualatin School District, Tualatin High School's Climate Action Club, and Community Involvement Organizations (CIOs) to share the online open house with their networks
- Conduct interpersonal engagement with Latino community members

**ATTACHMENTS:**

- PowerPoint presentation
- Draft Climate Action Plan document

# Tualatin Climate Action Plan: Review Primer

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October 9, 2023



# Overview

- What shaped the draft CAP?
- How is the CAP structured?
- What kinds of actions will I find in the CAP?
- What happens next?
- Q&A

What shaped the  
draft CAP?

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Tualatin's climate  
goal.



**NET  
ZERO  
BY  
2050**



# What shaped the draft CAP?

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Four guiding principles.

## SCIENCE-BASED

The emissions reductions actions included in the Climate Action Plan meet or exceed existing regional and state level greenhouse gas and climate action-related policies and plans. Actions are based on the most up-to-date climate science and are proportional to the magnitude of the climate crisis.

## EQUITY

The Climate Action Plan includes projected impacts on different communities and groups within Tualatin. Examples of groups within Tualatin that were considered include, but are not limited to, low-income people and families, Black, indigenous, and people of color (BIPOC) communities, students and youth, and the business community.

## COMMUNITY BENEFITS

The Climate Action Plan highlights the benefits of climate action and focus on the potential of the plan to improve community well-being.

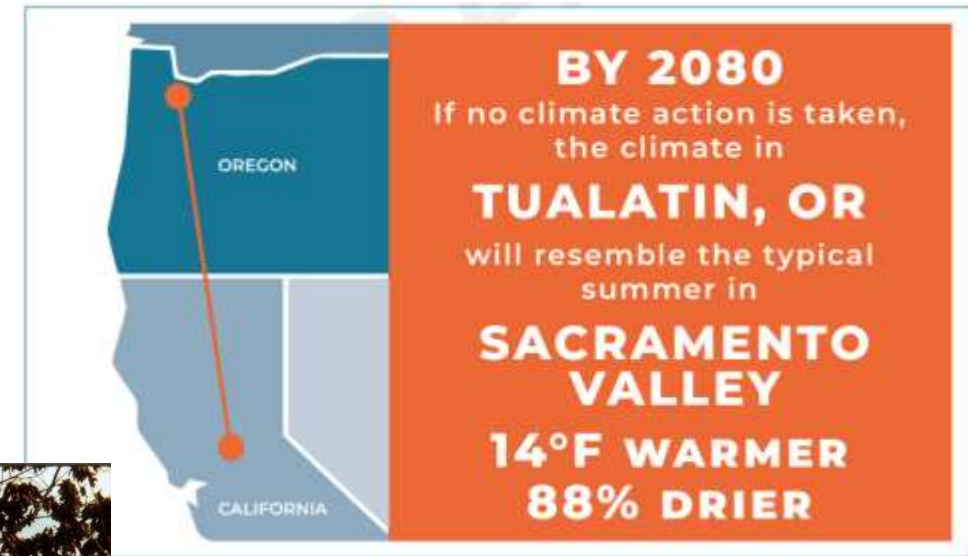
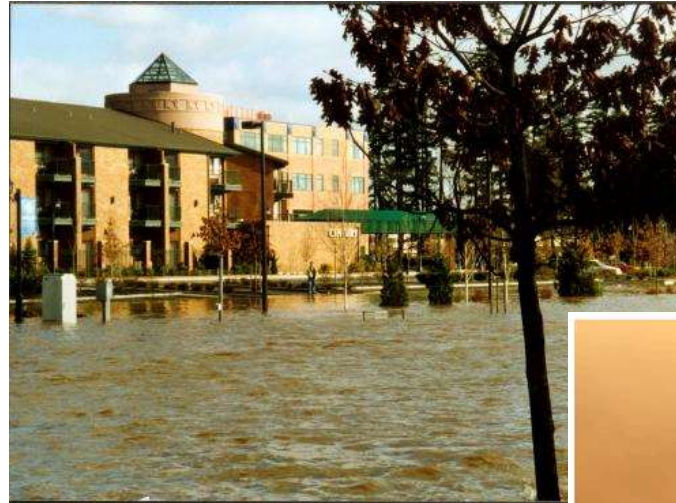
## PARTNERSHIP

The Climate Action Plan identifies actions Tualatin can take to meet its climate goals and partners that Tualatin can collaborate with to make progress towards these goals.

# What shaped the draft CAP?

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Tualatin's future climate predictions.

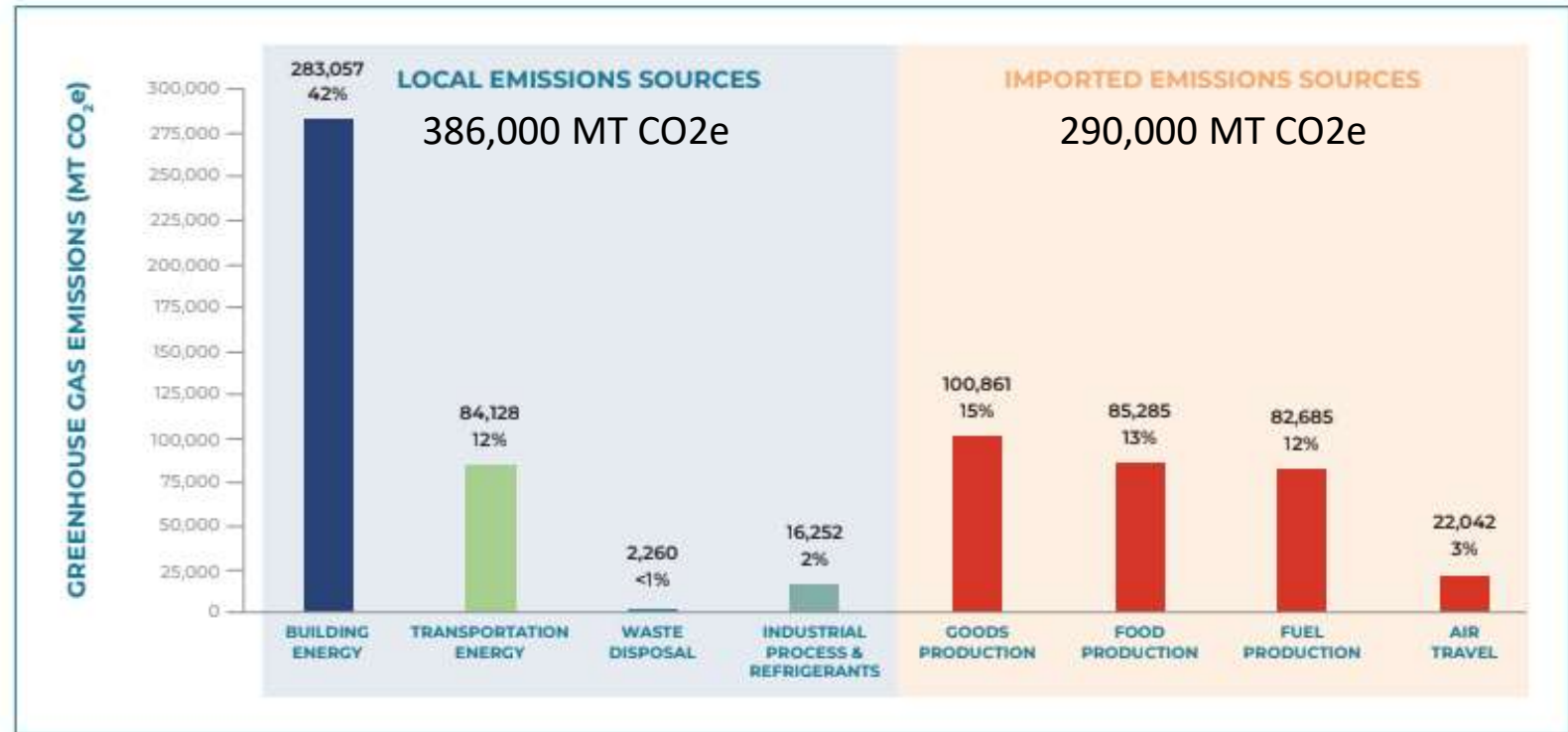


# What shaped the draft CAP?

Tualatin's emissions inventory.

Local emissions + imported emissions = total emissions

**Total emissions = 676,000 MT CO<sub>2</sub>e**





# What shaped the draft CAP?

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Community feedback.



# What shaped the draft CAP?

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Stakeholder feedback.



NW Natural



REPUBLIC SERVICES



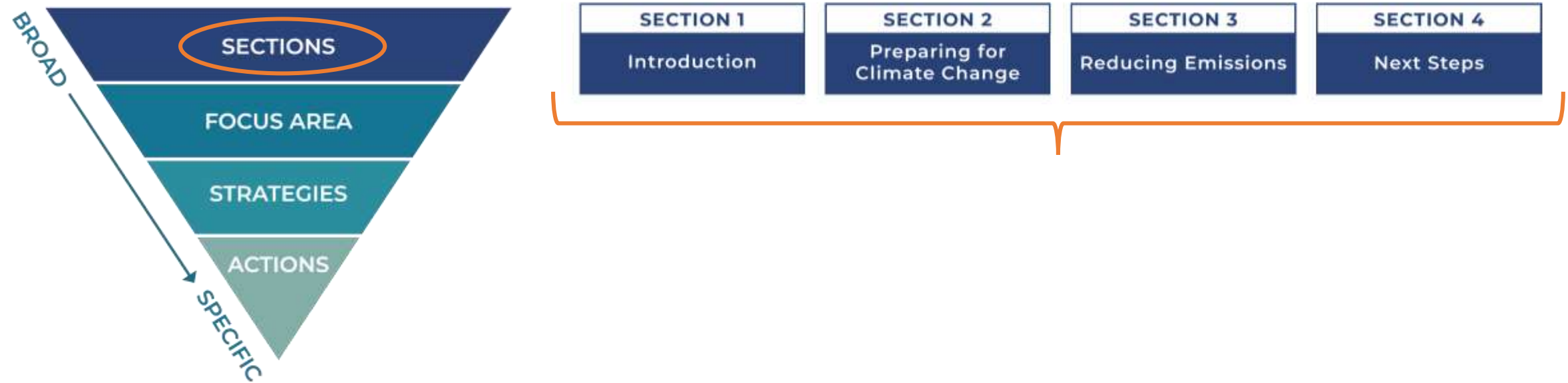
Vision Action Network



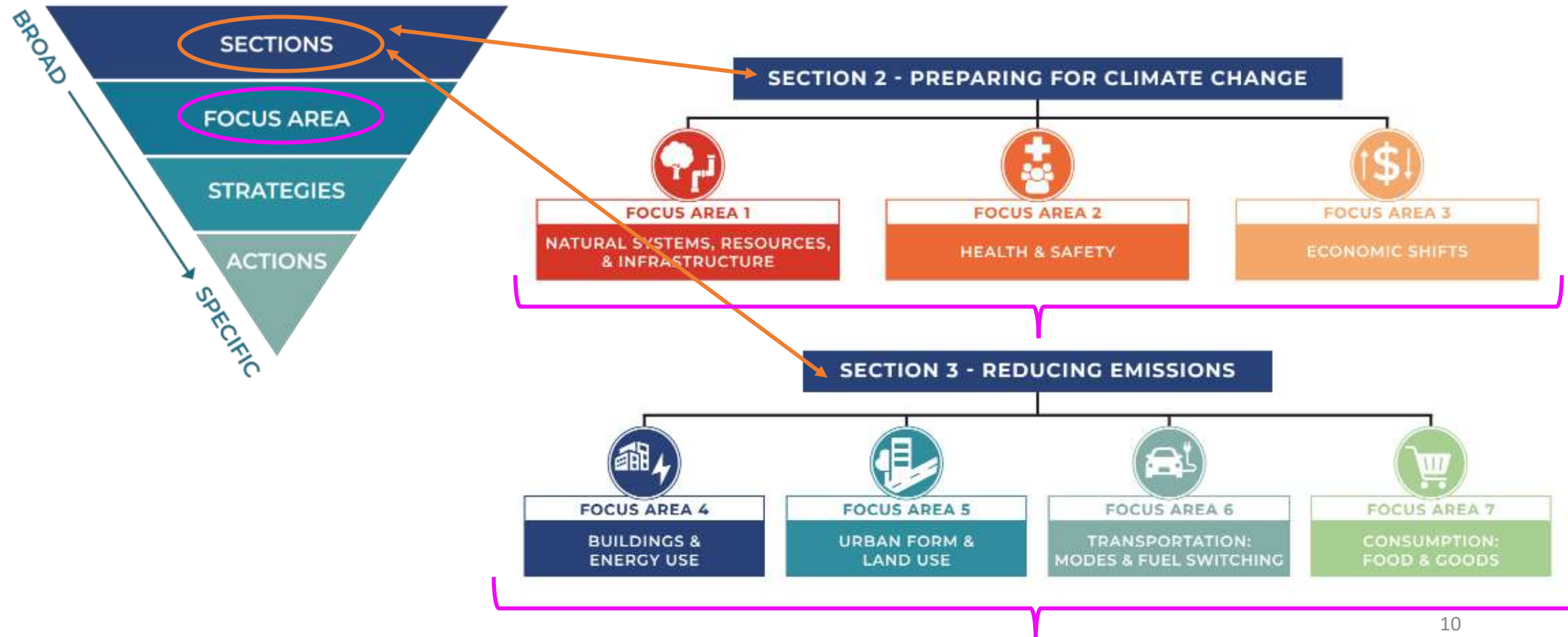
MERIDIAN PARK MEDICAL CENTER



# How is the CAP structured?

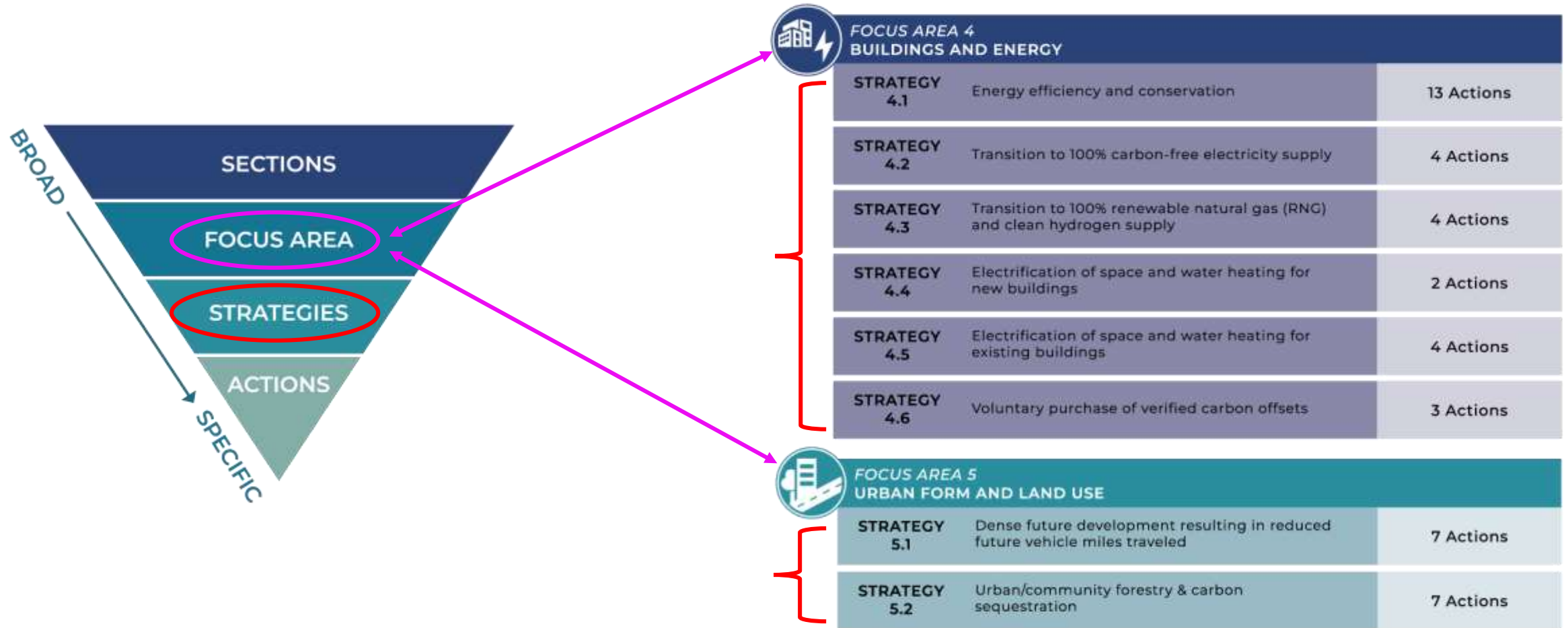


# How is the CAP structured?

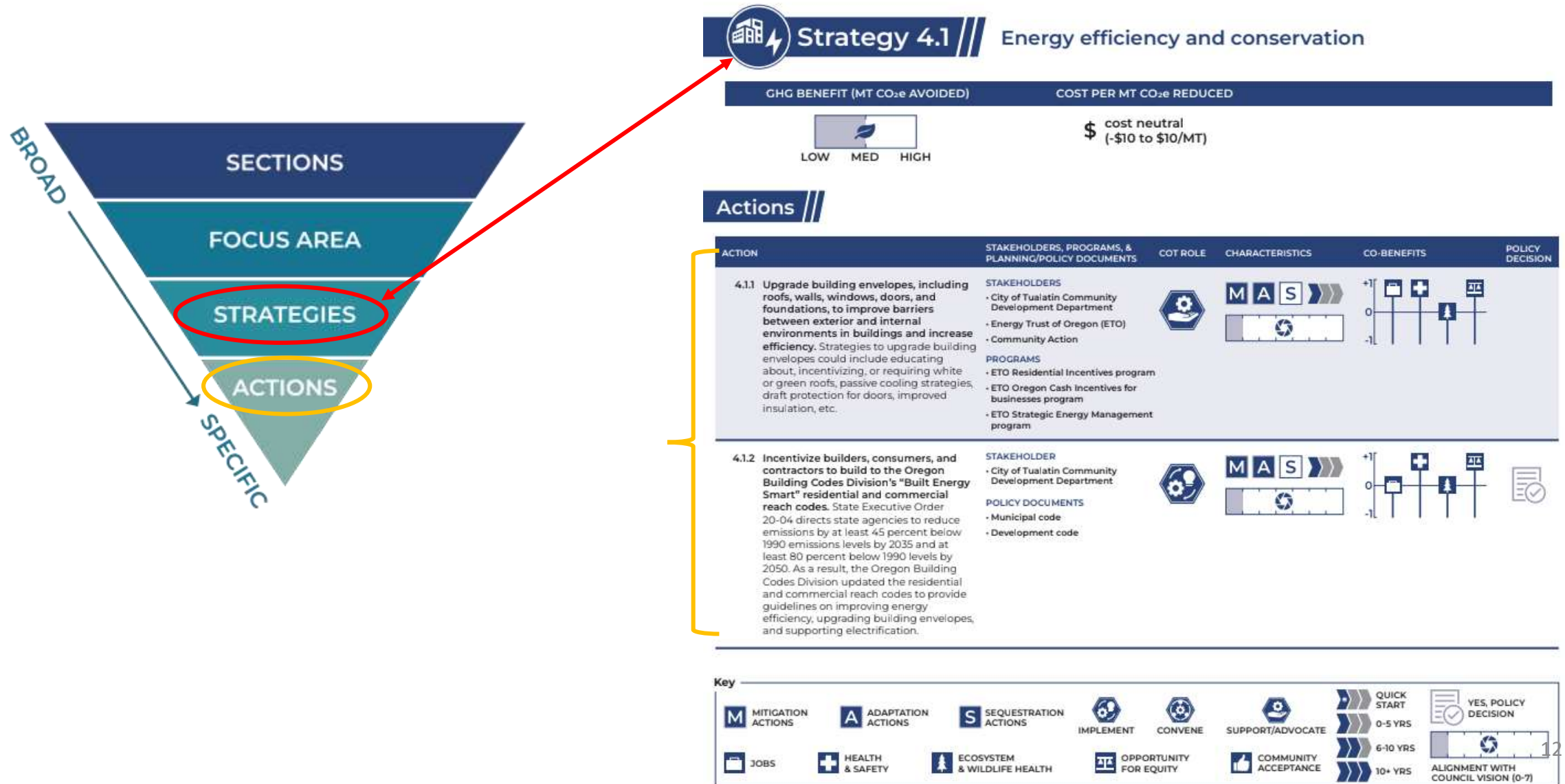




# How is the CAP structured?



# How is the CAP structured?



# City roles

## 3 City of Tualatin Roles



### **Implement**

An action where the City takes the lead and has direct control, possessing or acquiring the resources to make progress.



### **Convene**

An action where the City needs external partners to complete the action and can help by convening partnerships.



### **Support/Advocate**

An action where the City primarily supports and advocates for it, but lacks direct control over the activities needed for completion.

## 6 Policy Decision



This action needs further discussion and a decision by the City Council in order to move forward.

# Next steps

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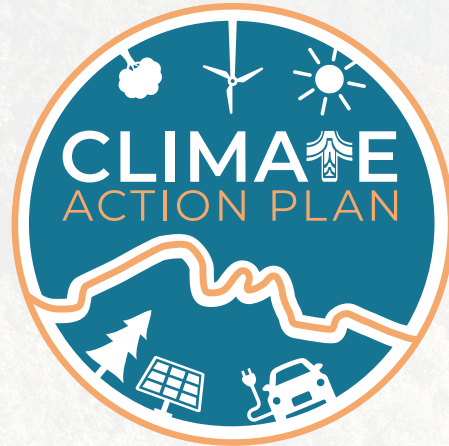
- Community and stakeholder engagement
  - Online open house
  - Meetings with community groups and commissions
- November City Council work sessions
  - 11/13 - Adaptation actions
  - 11/27 - Mitigation actions
- Finalize plan based on feedback
- City Council adoption of final plan
- Implementation begins

# Questions?

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# TUALATIN'S COMMUNITY CLIMATE ACTION PLAN

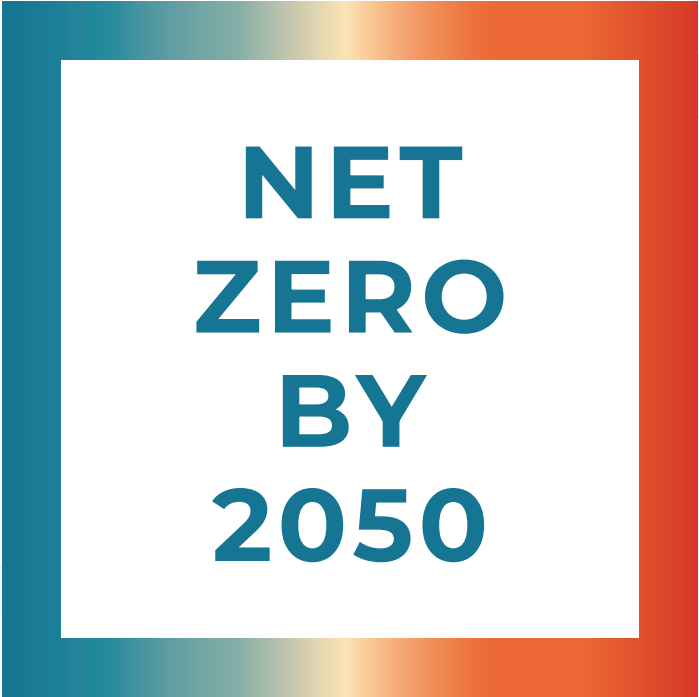
A Path to Net Zero by 2050



CITY OF  
**TUALATIN**

2023





**NET  
ZERO  
BY  
2050**



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# ACKNOWLEDGEMENTS

## MAYOR AND CITY COUNCIL

Frank Bubenik, *Mayor*  
Valerie Pratt, *Council President*  
Maria Reyes, *Councilor*  
Christen Sacco, *Councilor*  
Bridget Brooks, *Councilor*  
Cyndy Hillier, *Councilor*  
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Lindsey Moore, *Looplu Design*

## STAKEHOLDER WORKSHOP PARTICIPANTS

Thank you to the representatives of the following organizations who graciously shared their time, expertise, and perspectives with the project team.

Business Advocacy Council (BAC)  
Campbells  
CenterCal Properties LLC  
City of Tualatin  
Clackamas County  
Clean Water Services  
Energy Trust of Oregon  
Legacy Meridian Hospital  
Northwest Natural

Oregon Department of Energy (ODOE)  
Oregon Department of Environmental Quality (DEQ)  
Oregon Department of Transportation (ODOT)  
Oregon Occupational Safety and Health Administration (OSHA)  
Portland General Electric (PGE)  
Republic Services

The Street Trust  
Tualatin Chamber of Commerce  
Tualatin Ride Connection  
Tualatin Valley Fire & Rescue  
Tualatin Hills Parks & Recreation District (THPRD)  
Vision Action Network  
Washington County

## THE TUALATIN COMMUNITY

Thank you to members of the Tualatin community who engaged with the project team throughout the development of the plan. Whether you participated in the online open house, attended a workshop, or otherwise connected with the project team, we greatly appreciate your feedback and look forward to creating a more resilient and thriving Tualatin with you through this plan.

# GLOSSARY OF TERMS

**Adaptation** Adjustment or preparation of natural or human systems to a new or changing physical environment to keep functionality and safety intact for systems we rely on such as roads, power and water supply.

**Atmosphere** The atmosphere is a 7-mile-high layer off the surface of the earth that is 78% nitrogen and 21% oxygen with small portions of other gases. This layer protects us from UV rays and also traditionally allows solar heat gain to release back to space, keeping our climates livable. As we are adding carbon emissions, the composition of the atmosphere is changing and capturing heat at ever growing rates.

**Biofuels** Fuel made from biomass (plant or algae material or animal waste) is known as biofuel. Since biomass can easily be replenished (as it regrows and captures carbon emissions as fiber), biofuel is considered to be a source of renewable energy, unlike fossil fuels, such as petroleum, coal, and natural gas. Biodiesel is an example of a biofuel that is intended to be a substitute for standard diesel.

**Carbon cycle** Carbon is the foundation of all life on Earth, required to form complex molecules like proteins and DNA. The carbon cycle is nature's way of recycling carbon atoms. It describes the process in which carbon atoms continually travel from the atmosphere to the Earth and then back into the atmosphere. This happens via photosynthesis in which vegetation uses carbon dioxide and sunlight to make fiber in the plant.

**Carbon dioxide (CO<sub>2</sub>)** A naturally occurring gas, and also a by-product of burning fossil fuels and biomass. It is the main human-caused greenhouse gas that affects the atmosphere and temperature gain, accounting for 79% of emissions globally. It is the reference gas against which other greenhouse gases are measured and therefore has a [Global Warming Potential Unit](#) of 1.

**Carbon footprint** The total amount of greenhouse gases (CO<sub>2</sub> and others) that are emitted into the atmosphere each year by a person, family, building, organization, or company. A person's carbon footprint includes carbon emissions from fuel that an individual burns directly, such as by heating a home or riding in a car. It also includes carbon emissions that come from producing the goods or services that the individual uses, including emissions from power plants that make electricity, factories that make products, and landfills where trash gets sent.

**Carbon sequestration** Carbon sequestration is the process of capturing and storing atmospheric carbon dioxide. This can be done naturally through plants or mechanically to capture and store carbon below ground. It is one method of reducing the amount of carbon dioxide in the atmosphere with the goal of reducing global climate change.

**Climate** Climate is the average weather conditions in a place over 30 years or more.

**Climate change** Climate change refers to any significant change in the measures of climate lasting for an extended period of time. This includes major changes in temperature, precipitation, wind patterns, or other changes in weather that occur over several decades or longer in varying geographies throughout the world. Each region will experience different effects.

**Climate resilience** Resilience is a broad concept that can apply to individuals, communities, and social, economic, and environmental systems. Resilience is the capacity to cope with a hazardous event or long-term trend in ways that maintain essential identities, functions, and structures while also maintaining the capacity to learn, adapt, and/or transform.  
(Adapted from IPCC 2014)

**Climate vulnerability** Climate vulnerability describes the degree to which natural, built, and human systems are at risk of exposure to climate change impacts.

**Co-benefit** Additional benefits, or harms, of policies that reduce carbon emissions. These could include impacts on jobs, the health and safety of community members, ecosystem and wildlife health, and social equity.

**Concentration** The amount of a chemical in a particular volume or weight of air, water, soil, or other medium. Typically reported in parts per million (ppm) or parts per billion (ppb).

**Electrification of buildings** Refers to the process of using electricity from renewable sources to power the heating, cooling, and other energy needs of buildings instead of using fuels like coal, gas, and oil. Also known as “electrifying”.

**Emissions** The release of a substance either by combustion (burning gas or diesel) or uncontrolled releases of substances like refrigerants and methane gas into the atmosphere.

**Energy efficiency** Using less energy to perform the same task or produce the same result.

**Fossil fuel** Fossil fuels are found below the living surface of the earth and contain carbon and hydrogen, which can be burned for energy. Coal, oil, and natural gas are examples of fossil fuels that, through combustion, have added emissions to the atmosphere that are in excess of the living carbon cycle that vegetation creates and absorbs as it dies and regrows. The fossil sources are not part of the living carbon cycle (as vegetation is) and have only become part of our atmosphere through ever-growing combustion over the last 150 years or so.

**Fuel switching** Transitioning from “carbon-intense “ fuels (like gasoline or propane) to low- or zero-carbon alternatives (like renewable energy) in our homes and vehicles, and across our electricity grid. It can also mean electrifying—or switching from fuels to electricity.

**Global warming potential (GWP)** The Global Warming Potential (GWP) was developed to allow comparisons of the global warming impacts of different gases. Specifically, it is a measure of how much energy the emissions of 1 ton of a gas will absorb over a given period of time, relative to the emissions of 1 ton of carbon dioxide (CO<sub>2</sub>). The larger the GWP, the more that a given gas warms the Earth compared to CO<sub>2</sub> over that time period. For example, methane’s Global Warming Potential Unit is 25, meaning that, per molecule, it is 25 times more potent as a greenhouse gas than carbon dioxide.

**Greenhouse effect** The trapping and build-up of heat in the atmosphere near the Earth’s surface by greenhouse gases (carbon emissions). These heat-trapping gases can be thought of as a blanket wrapped around Earth, keeping the planet warmer than it would be without them. If the amount of these greenhouse gases increases, the average temperatures on the earth also increase.

**Greenhouse gas** Gases that trap heat in the atmosphere like carbon dioxide, methane, and others. Also referred to as “carbon emissions”.

**Heat wave** A period of abnormally hot weather generally lasting more than two days.

**Imported emissions** Emissions that occur outside the city limits, especially emissions associated with the production of food and goods and then brought into the city to be used or consumed.

**Industrial Revolution** A period of significant economic and social change that occurred in the late 18th and early 19th centuries. It was characterized by a shift from manual labor-based economies to machine-based manufacturing using combustible fuels. This started with wood energy and quickly moved to coal and oil as technology progressed. The industrial revolution marks the beginning of a strong increase in the burning of fossil fuels and related emissions of carbon dioxide as the population grew in concert with the rise of goods and food that helped people live longer and more comfortable lives.

**Intergovernmental Panel on Climate Change (IPCC)** The IPCC is the scientific group assembled by the United Nations (UN) to monitor and assess all global science related to climate change. Every IPCC report focuses on different aspects of climate change and is the foundation for common understanding and action across the globe.

**Local emissions** Emissions produced within the city limits (e.g. burning gasoline or natural gas).

**Methane (CH<sub>4</sub>)** The second most abundant greenhouse gas that is estimated to have 25 times more global warming potential than carbon dioxide. It is produced by oil and gas systems, livestock, landfills, and wastewater treatment plants.

**Metric tonne (MT)** A common international measurement for the quantity of greenhouse gas emissions. A metric tonne is equal to 2205 lbs. or 1.1 US tons (short tons). See MT CO<sub>2</sub>e definition below.

**Mitigation** An action taken to reduce the human impact on the Earth’s climate by reducing, avoiding, or removing carbon emissions.

**MT CO<sub>2</sub>e** Metric tonnes of carbon dioxide equivalent (MTCO<sub>2</sub>e) is a unit of measurement. The unit “CO<sub>2</sub>e” represents an amount of a greenhouse gas whose atmospheric impact has been standardized to that of one unit mass of carbon dioxide (CO<sub>2</sub>), based on the global warming potential of the gas. This standardized unit allows us to compare the potential warming impact of an emission of one greenhouse gas (like methane) to an emission of the same amount of carbon dioxide.

**Natural gas** Natural gas is a fossil fuel energy source that is primarily made up of methane. Like other fossil fuels such as coal and oil, natural gas forms below the living carbon cycle of the earth. If released as is or is combusted, natural gas increases the amount of heat trapped in the atmosphere.

**Net zero emissions** A state in which the greenhouse gases going into the atmosphere are balanced by removal out of the atmosphere for an entity, person, product, operation, or community.

**Parts per million (ppm)** Number of parts of a chemical found in one million parts of a particular gas, liquid, or solid mixture. Example: a methane concentration of 2 ppm means that 2 out of every 1 million air molecules is methane.

**Renewable energy** Energy resources that are naturally replenishing such as biomass, geothermal, solar, wind, ocean thermal, wave action, and tidal action. It is worth noting that not all renewable energy is zero emissions.

**Renewable energy certificate (RECs)** A Renewable Energy Certificate (REC) is a tradable certificate that represents the environmental and social benefits associated with the generation of renewable energy. One REC is earned for each megawatt hour (MWh) of renewable energy generated, and can be bought and sold on markets. RECs allow individuals and organizations to support renewable energy generation and reduce their carbon footprint from electricity.

**Weather** The state of the air and atmosphere at a particular time and place including the temperature and other outside conditions such as rain, cloudiness, etc.

**Zero emissions** A state where no greenhouse gas emissions are produced.



A scenic river with kayakers and a bridge in the background. The river is calm with some fallen leaves floating on the surface. In the foreground, two people are kayaking; one is in a green kayak and the other is in a red kayak with a dog. In the middle ground, a person is stand-up paddleboarding. In the background, a large steel truss bridge spans the river, surrounded by lush green trees.

## SECTION 1 INTRODUCTION





## MESSAGE FROM MAYOR FRANK BUBENIK

To the Tualatin Community,

The Tualatin City Council's vision statement strives for "An environmentally active, sustainable, responsible, and forward-thinking community that values and protects our natural resources, inhabitants, and habitat." It is this vision statement, paired with an acknowledgement that climate change poses an urgent challenge, both locally and globally, that drove the City Council to pursue the development of Tualatin's first Climate Action Plan in 2021.

We have already begun to experience the effects of climate change right here in Tualatin. The last few summers have been among the hottest on record. We have experienced the threat of wildfire and the

harmful impacts of smoke from wildfires in the region. Extreme weather events like these take a toll on our community's health, wellbeing, and economy.

This plan provides a road map for how the community can address the current and future impacts of climate change in Tualatin. It will also help us make progress towards our emissions reduction goal of net zero carbon emissions by 2050. The actions included in the plan will help ensure that our community is a healthy, resilient, and thriving place to live now and for generations to come.

I know that climate change may seem overwhelming or alarming. However, if we act together and act now, we can help create a community that has adapted to climate change and is actively working to mitigate our negative contributions to climate change. This plan makes it clear that if we proceed on our current path, we will not meet our goal of net zero by 2050, nor will we be prepared to deal with the impacts of climate change. That is why it is crucial that we work with our neighbors, partner agencies, and community members to find creative and collaborative solutions to make meaningful progress on this urgent issue.

I hope you'll use this plan as a tool and join me in taking action as an individual and as a member of the Tualatin community.

Sincerely,

A handwritten signature in blue ink that reads "Frank Bubenik". The signature is stylized and fluid.

Mayor Frank Bubenik

## MESSAGE FROM CITY MANAGER SHERILYN LOMBOS

Tualatin's Climate Action Plan is a testament to the community's dedication to addressing the pressing environmental challenges facing us today. This plan recognizes the gravity of the climate crisis and underscores our local commitment to translating that recognition into impactful actions.

It is impossible to ignore the severity of the climate crisis. Increasingly frequent and severe weather events, coupled with the undeniable transformation of our natural surroundings, compel us to take proactive measures to ensure the well-being of our city and its inhabitants. The urgency of the situation has resonated deeply with both our City Council and the wider community, who have voiced their support for effective climate action.

We understand that addressing the climate crisis requires more than just intentions; it necessitates a strategic, collaborative, and interdisciplinary approach. The Climate Action Plan presented reflects our understanding of this commitment, outlining strategies and actions that reflect the voice of our community and provide a blueprint for effective change.

Having had the privilege of serving as Tualatin's City Manager for an extended period, my connection and commitment to this community runs deep. It is with this connection in mind that I, and the City staff are dedicated to the success of our Climate Action Plan; we are committed to supporting the City Council's vision and priorities and seeing our city thrive.

I invite you to delve into the pages of our Climate Action Plan. I look forward to engaging in further discussions and collaborations to drive the successful implementation of the strategies and actions. Together, we can create a lasting impact that echoes through the generations to come.

Sincerely,



Sherilyn Lombos, *City Manager*



# GOALS AND OUTCOMES

The goal of the Climate Action Plan is to provide the community and policy makers with an actionable roadmap for decreasing carbon emissions and adapting to climate change.

The plan provides actions that we can take to lessen the negative effects that come with climate change, such as increasing temperatures, heightened threat of wildfires and their smoke, and greater risk of flooding events. It also provides actions that can be taken to reduce carbon emissions. Addressing these actions provide our best chance at providing community benefits, such as improved air and water quality in Tualatin and more accessible relief from heat and wildfire smoke.

The plan will help decision makers understand the environmental, economic, and social costs and benefits to the community for each proposed action. It also outlines what we can expect our climate to look and feel like if nothing is done. Upon City Council's adoption of the plan, the City, community members, and local institutions will have a clearly defined, actionable roadmap to better reduce and adapt to the impacts of climate change.



Figure 1: Illustration of Tualatin's 2030 Vision and 2023 priorities

# PROCESS

## Guiding principles

The development of the Climate Action Plan was rooted in four guiding principles to inform decision-making.

### SCIENCE-BASED

The emissions reductions actions included in the Climate Action Plan meet or exceed existing regional and state level greenhouse gas and climate action-related policies and plans. Actions are based on the most up-to-date climate science and are proportional to the magnitude of the climate crisis.

### EQUITY

The Climate Action Plan includes projected impacts on different communities and groups within Tualatin. Examples of groups within Tualatin that were considered include, but are not limited to, low-income people and families, Black, indigenous, and people of color (BIPOC) communities, students and youth, seniors, and the business community.

### COMMUNITY BENEFITS

The Climate Action Plan highlights the benefits of climate action and focuses on the potential of the plan to improve community well-being.

### PARTNERSHIP

The Climate Action Plan identifies actions Tualatin can take to meet its climate goals and partners that Tualatin can collaborate with to make progress towards these goals.

## Our process

The Climate Action Plan was developed between January 2022 and June 2023. To ensure that the plan would be **science-based**, the project team conducted research on local climate predictions to understand how Tualatin's climate might change over time and completed an emissions inventory to identify major sources of carbon emissions in Tualatin. To foster **equity**, identify **community benefits**, and strengthen **partnerships**, the project team also engaged with community members, stakeholders, internal City staff, and the City Council to gather feedback about the plan along the way. See Figure 2 for an overview of how the plan was developed over time.

You can view a timeline showing our process in Figure 2, or read about how we developed the plan below, including:

- Research on local climate predictions
- Emissions inventory
- Community engagement
- Stakeholder engagement
- City staff review

Climate Action Plan Timeline

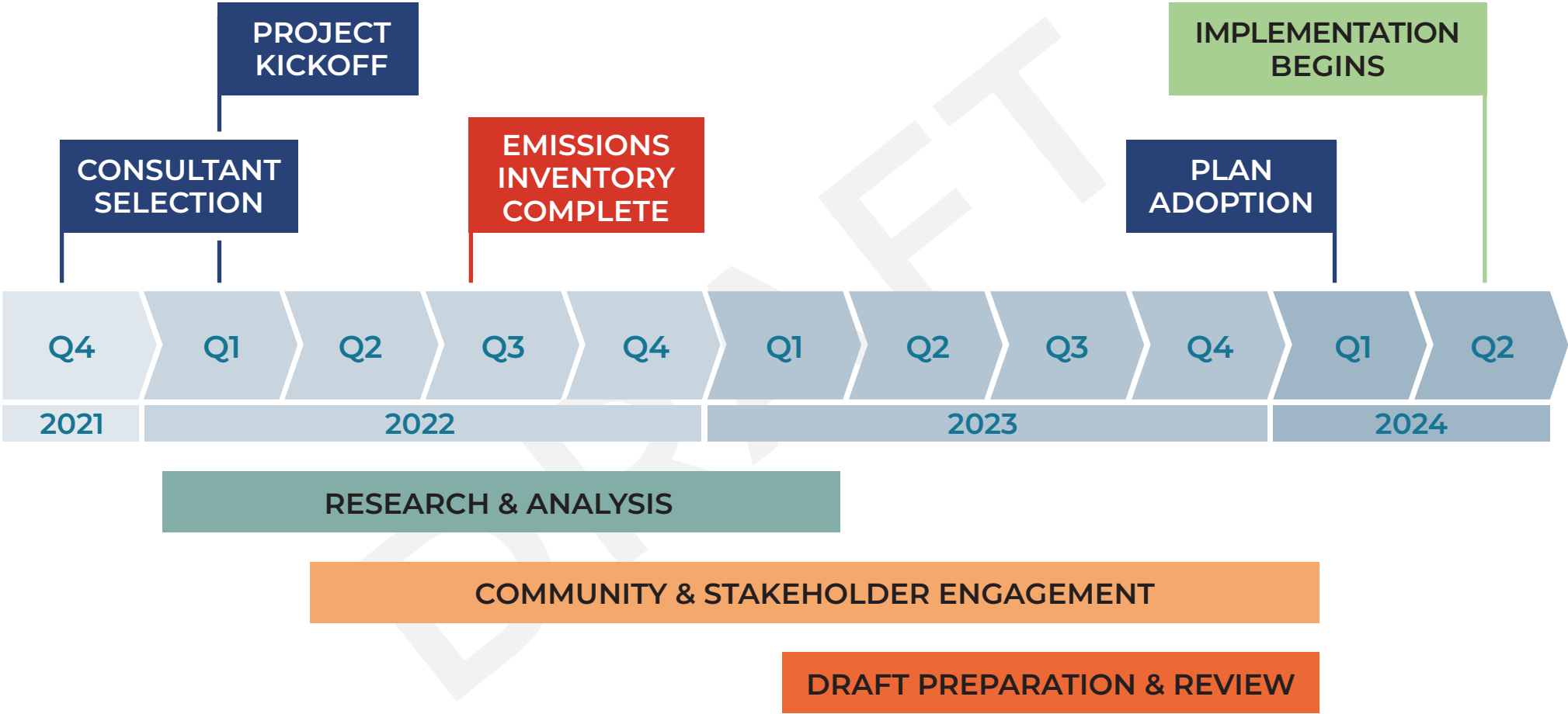


Figure 2: How the plan was developed over time.



## RESEARCH ON LOCAL CLIMATE PREDICTIONS

The project team used climate models to learn more about what Tualatin's climate might look and feel like in the future under a “strong climate action” scenario and under a “no climate action” scenario. By taking strong climate action, we can limit changes. If we take no action, we will experience more drastic changes to our environment. For more information on climate predictions for Tualatin, see the Future Physical Conditions and Climate 101 Technical Reader in Appendix 1.

## EMISSIONS INVENTORY

To strategically reduce our carbon emissions and fight climate change, we needed to know what our major carbon sources are. The City gathered and analyzed data to determine our community-wide carbon footprint and the major sources of carbon emissions. The inventory accounted for both emissions produced within the city limits (e.g. burning gasoline or natural gas) and emissions that occur outside the city limits because of activity within the city (e.g. emissions from farming or the production of goods).

To view the full greenhouse gas emissions inventory, see the Community Greenhouse Gas Inventory in Appendix 2.

## COMMUNITY ENGAGEMENT

Community ownership is critical to the success of the plan. The project team was guided by the following public involvement goals:

- Devote energy, scope, and budget to engage diverse communities and those who historically have been left out of public planning, such as communities of color and low-income people
- Grow the relationships between the city and key stakeholders from underrepresented communities
- Be clear and transparent about decision-making at every step
- Listen to the public and follow-up
- Create accessible outreach materials and opportunities
- Be flexible

Through meaningful public engagement, the project team listened to community members who live, work, learn, and play in Tualatin and then worked to create a plan that people are able to connect with.



FIGURE 3: A community engagement board that asked participants to write down on sticky notes what concerns them most about climate change in Tualatin. Dot stickers were used to emphasize or agree with existing answers.

## COMMUNITY ENGAGEMENT WAS BROKEN INTO THREE PHASES:

### COMMUNITY ENGAGEMENT - PHASE 1

This phase focused on building awareness and understanding of the science behind climate change, how climate change will impact Tualatin, and what a climate action plan is.

Key themes from this phase of engagement included concerns about:

- Extreme weather
- Ecosystem and river health
- Drought and water availability
- The impacts of wildfires and smoke

Participants also expressed interest in learning more about:

- What actions have the most impact
- Electric vehicles and charging infrastructure
- Climate impacts to plants, animals, and trees
- Renewable energy sources
- How community members can work together to make meaningful changes

### COMMUNITY ENGAGEMENT - PHASE 2

The project team gathered feedback on draft actions focused on adapting to climate change and reducing greenhouse gas emissions.

In terms of adapting to climate change, participants reported feeling most concerned about:

- Needing to stay home or indoors and not being able to get to work or school safely
- A potential loss of income from being unable to get to work safely
- Feelings of isolation or depression
- Power outages during extreme weather events

Participants also expressed strong interest in reducing greenhouse gas emissions by making changes at home or work, when deciding what to buy, and when traveling or commuting.

### COMMUNITY ENGAGEMENT - PHASE 3

Phase 3 involved sharing the draft of the Climate Action Plan to gather feedback from the community. [insert what we heard after engagement wraps up – probably a paragraph or 2 here]  
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Convallis a cras semper auctor neque vitae tempus quam pellentesque. Magnis dis parturient montes nascetur ridiculus mus mauris vitae ultricies. Et molestie ac feugiat sed. Neque laoreet suspendisse interdum consectetur libero id faucibus nisl tincidunt. Sagittis id consectetur purus ut faucibus pulvinar elementum integer.

To learn more about what the community engagement process and what the project team heard, check out the Public Involvement and Communications Plan in Appendix 3.



## STAKEHOLDER ENGAGEMENT

Stakeholder engagement refers to involving the individuals, groups, or entities that have significant influence or power to enact change or influence the implementation of policies. For this project, stakeholders included representatives from local businesses, transit providers, utility partners, nonprofits, state agencies, the counties, and other local government agencies.

In the June 2022 workshops, 22 individuals from 11 organizations participated in stakeholder workshops focused on adapting to climate change. Key takeaways from the adaptation-focused workshops included:

- The importance of building trust and relationships in the community
- The need for more public refuge, like outdoor and indoor shelters, to keep people and animals safe during extreme weather events
- An acknowledgement that transit is lacking in Tualatin

In the October 2022 workshops, 31 individuals from 14 organizations participated in stakeholder workshops focused on reducing carbon emissions. Key takeaways from the emissions reduction-focused workshops included:

- The City can help with identifying information gaps, educating the public, and amplifying existing programming to address carbon emissions mitigation
- There is a strong need for relationship-building to enhance partnerships, increase trust, and improve coordination between stakeholders
- A one-size-fits-all approach will not work; carbon emissions reduction strategies and actions must be tailored to the appropriate audiences and implementers with consideration for equity embedded throughout
- Policy changes are needed to achieve carbon emissions reduction goals

For more information on key takeaways from the stakeholder workshops, see the Stakeholder Workshops Summary in Appendix 4.

## CITY STAFF REVIEW

The development of the Climate Action Plan was guided by the Climate Action Plan Steering Committee, a cross-departmental advisory group consisting of two city councilors and eight staff from five departments across the City who met monthly during the duration of the project.

Staff presented to the City Council seven times throughout the course of the project, both to share information and to gather the City Council's feedback.

Project team members also hosted meetings with all City departments once the plan was drafted to gather feedback from other City staff on the actions included in the draft plan.

The Climate Action Plan is the culmination of the efforts listed above.

# TUALATIN'S CLIMATE GOAL AND EMISSIONS FORECAST

## Climate goal

Tualatin's emissions reduction goal is net zero by 2050, which is consistent with the goal of limiting planetary warming to 1.5 degrees Celsius. This goal was selected by the Climate Action Plan Steering Committee and City Council for a few reasons.

- 1.5 degrees C of warming is the target of the 2015 Paris Climate Agreement
- As a member of the Climate Mayors group, Mayor Frank Bubenik signed a letter in 2017, alongside 465 other mayors from across the United States, in support of upholding the Paris Climate Agreement target
- This is the target most commonly adopted by other cities who have completed climate action plans
- If achieved globally, this target prevents us from going over a planetary "tipping point" of no return, which will dramatically increase the impacts of climate change

## Emissions forecast

Local emissions in Tualatin are expected to decrease over time, primarily thanks to strong climate action from the State of Oregon in the stationary energy sector. **While emissions are estimated to decrease by 80%\* in 2050 compared to 2019 local emissions, without additional mitigation actions, that is still not enough to hit our target of net zero carbon emissions by 2050 to limit global warming to 1.5°C. The Climate Action Plan includes additional actions that are needed to reach our goal.**

\*Assuming that [Oregon's Climate Protection Program](#) is successfully implemented.

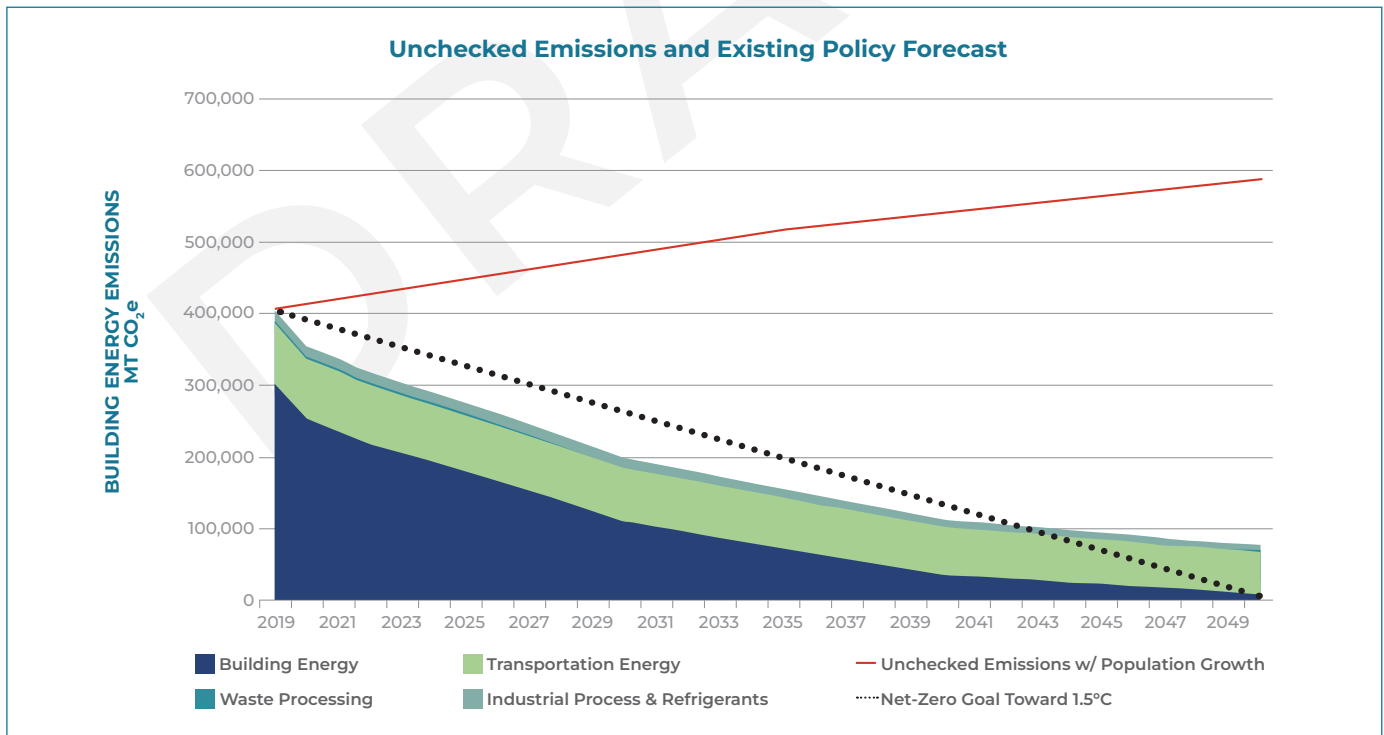


Figure 4: Tualatin's unchecked emissions forecast (the solid red line shows population growth with no policy interventions) with the existing policy forecast and a Net-Zero by 2050 trajectory (black dotted line). If Tualatin does nothing to reduce emissions, local emissions will rise by nearly 200,000 MT CO<sub>2</sub>e by 2050. Existing policies are forecasted to significantly reduce emissions from building energy and transportation energy by 2050. However, Tualatin will not achieve our net zero by 2050 goal by relying on existing policies alone.

# HOW TO USE THE PLAN

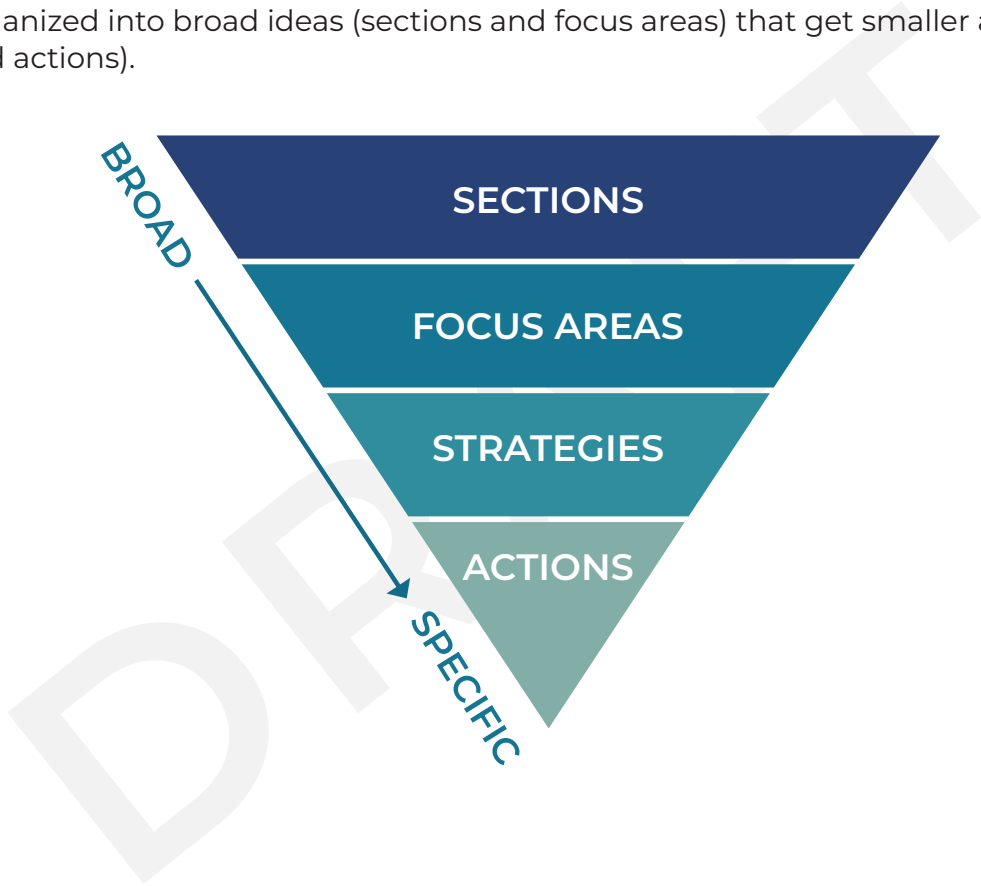
- WHAT THE PLAN DOES

This plan acknowledges that Tualatin needs to take action to meet its goal of net zero by 2050. It includes a menu of actions that Tualatin could consider taking to meet this goal.
- HOW

Readers can pull out the sections of the plan they are most interested in to learn about what they can do and what the City can do to address climate change in Tualatin.

## HOW THE PLAN IS ORGANIZED

The plan is organized into broad ideas (sections and focus areas) that get smaller and more specific (strategies and actions).



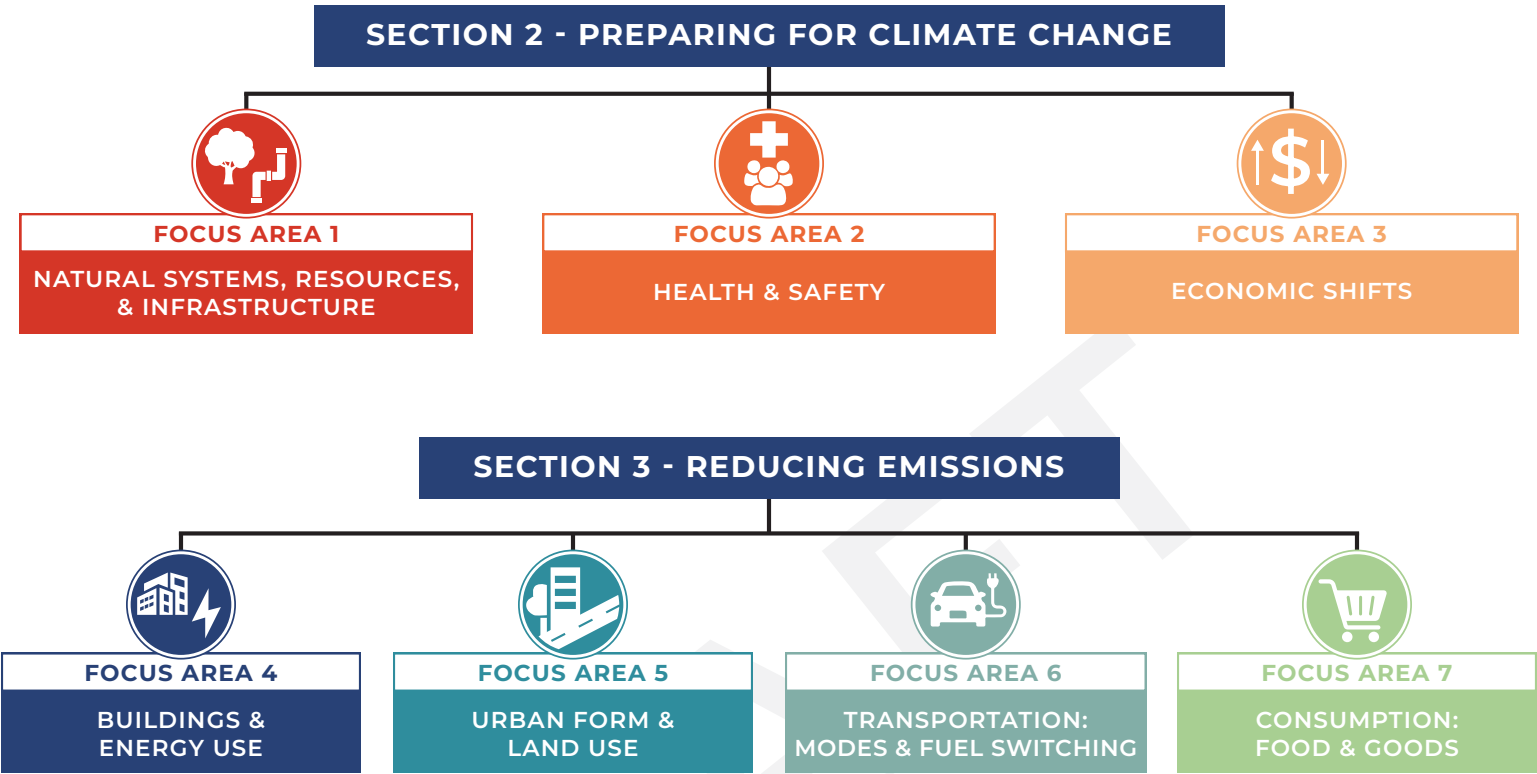
## SECTIONS

Sections are like chapters in a book. Each section focuses on a different goal that the plan hopes to achieve.

| SECTION 1    | SECTION 2                    | SECTION 3          | SECTION 4  |
|--------------|------------------------------|--------------------|------------|
| Introduction | Preparing for Climate Change | Reducing Emissions | Next Steps |

## FOCUS AREAS

Sections are organized into Focus Areas. Each Focus Area is a grouping of strategies that aims to address climate change in a specific area of life.



## STRATEGIES

Each Focus Area is subdivided into numbered Strategies. All Strategies relate to the Focus Area they fall under, but each Strategy works to capture information that is relevant to distinct scenarios (ex: heat vs smoke vs flooding). Strategies create the individual buckets that hold the plan's most detailed points, the Actions.

|  |  |   |            |
|--|--|---|------------|
|  | <b>FOCUS AREA 1</b><br><b>NATURAL SYSTEMS, RESOURCES, &amp; INFRASTRUCTURE</b> |   |            |
|  | <b>STRATEGY 1.1</b>  | Improve the resilience of Tualatin's natural systems, resources, and infrastructure to extreme heat   | 13 Actions |
|  | <b>STRATEGY 1.2</b>  | Improve the resilience of Tualatin's natural systems, resources, and infrastructure to handle an increase in fire risk and smoke events.                              | 1 Action   |
|  | <b>STRATEGY 1.3</b>  | Improve the resilience of Tualatin's natural systems, resources, and infrastructure to handle an increase in heavy precipitation events, flooding, and winter storms. | 8 Actions  |



ACTIONS

Actions are the most specific pieces of this plan. Each action can be thought about as a “project” and each project could include planning, evaluation, community engagement, and implementation.

Actions are displayed in Action Tables that look like this:

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS         | CITY ROLE | CHARACTERISTICS | CO-BENEFITS | POLICY DECISION |
|--|---|-----------|-----------------|-------------|-----------------|
| 1.1.1 Update Tualatin’s approved tree species list to better withstand climate change. | PROGRAM<br>• City of Tualatin Sidewalk/ Street Tree Program |           |                 |             |                 |
| 1  | 2   | 3         | 4               | 5           | 6               |

Action Tables include five key elements:

**1 Action Number & Description**

Description of the action (bold text) and relevant contextual information (non-bold text).

**2 Stakeholders, Programs, & Planning/Policy Documents**

Identifies impacted stakeholders, potential partners, relevant programs, and planning/policy documents for the action.

**3 City of Tualatin Roles**

**Implement**  
An action where the City takes the lead and has direct control, possessing or acquiring the resources to make progress.

**Convene**  
An action where the City needs external partners to complete the action and can help by convening partners.

**Support/Advocate**  
An action where the City primarily supports and advocates for it, but lacks direct control over the activities needed for completion.

**4 Characteristics**

**Mitigation, Adaptation, and/or Sequestration** - Will this action help people adapt to climate change, reduce carbon emissions, and/or increase local carbon sequestration?

Solid shading in the “M” box indicates mitigation actions that reduce greenhouse gas emissions

Solid shading in the “A” box indicates adaptation actions that can help community members to adapt to climate change.

Solid shading in the “S” box indicates sequestration actions that help to remove carbon from the atmosphere.

**Kickoff Opportunity (years)** - What is the timeframe this action could be started, given the state of the technology and resources needed to take the action?

An action that can achieve positive results in a short period of time with minimal effort or resources.

0-5 years

6-10 years

10+ years

**Alignment with Council Vision (0-7)** - How many Council vision statements does this action support?

See page 9 for the City Council’s 2023 vision and priorities.

## 5 Co-benefits



**Jobs:** How does this action affect jobs in Tualatin?



**Health & Safety:** How does this action affect the health and safety of Tualatin residents?



**Ecosystem & Wildlife Health:** How does this action benefit or harm the local ecosystems and wildlife?

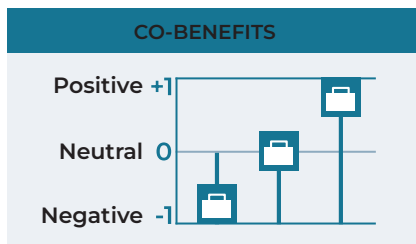


**Opportunity for Equity:** Does this action present Tualatin with opportunities to increase equity in the community?



**Community Acceptance:** Does the community approve of this action?

**Co-benefits are scored on a scale of negative 1 to positive 1**



For example:

- A score of -1 on jobs would indicate that the action is likely to result in a net loss of jobs in Tualatin
- A score of 0 on jobs would indicate that the action is likely to have a neutral effect on jobs in Tualatin
- A score of +1 on jobs would indicate that the action is likely to result in a net gain of jobs in Tualatin.

## 6 Policy Decision



This action needs further discussion and a decision by the City Council in order to move forward.

## Section 3 includes two additional descriptive icons

**GHG benefit (# of metric tons CO<sub>2</sub>e reduced)** - How many MTCO<sub>2</sub>e can the community avoid putting into the atmosphere by taking this action?



Low (0-399,999 MTCO<sub>2</sub>e)



Medium (400,000-1,799,999 MTCO<sub>2</sub>e)



High (1,800,000-8,000,000 MTCO<sub>2</sub>e)

**Cost (\$/metric ton CO<sub>2</sub>e reduced)** - How much will implementing this strategy cost per metric ton of CO<sub>2</sub>e avoided?

\$\$\$

significant savings  
(>\$100/MT)

\$\$

savings  
(\$10-100/MT)

\$

cost neutral  
(-\$10 to \$10/MT)

\$\$

cost  
(\$10-100/MT)

\$\$\$

significant cost  
(>\$100/MT)





## SECTION 2

# PREPARING FOR CLIMATE CHANGE



This section identifies climate actions aimed at helping Tualatin prepare and be resilient to the physical impacts of climate change. These actions represent important next steps to ensure that those who live, work, learn, and play in Tualatin are able to thrive.

Reducing carbon emissions (also known as “climate mitigation”) is the most important action we can take to decrease the harmful effects of climate change. The faster we reduce emissions, the more we reduce the rate and scale of the changes coming. However, focusing our efforts on reducing emissions alone is no longer an option.

Oregon is already experiencing rising temperatures, long-term declines in snowpack, increasing wildfire risk, and other measurable environmental changes consistent with the effects of rising carbon emissions. These changes are expected to accelerate in the coming decades, leading to potentially significant impacts on the region’s health, infrastructure, environment, and economy. As a result, we must prepare for and adapt to the impacts of a changing climate (“climate resilience”) even as we work in partnership with other communities and state and federal leaders to reduce carbon emissions.

This section identifies 61 climate preparedness actions to help Tualatin prepare for the impacts of climate change and increase climate resilience. The preparedness actions included in this section were selected to address concerns of local impacts of climate change raised by community members and partner agencies who engaged with the City as a part of the planning process.

Through public engagement, the project team listened to community members who live, work, learn, and play in Tualatin and worked to create a plan that responds to community member needs and concerns.

### WHAT IS CLIMATE RESILIENCE?

Resilience is a broad concept that can apply to individuals, communities, and social, economic, and environmental systems. Resilience is the capacity to cope with a hazardous event or long-term trend in ways that maintain essential identities, functions, and structures while also maintaining the capacity to learn, adapt, and/or transform. (Adapted from IPCC 2014)

### WHAT WE HEARD

Community members reported feeling most concerned about:

- Needing to stay home or indoors and/or not being able to get to work or school safely due to smoke, extreme heat, and winter storms
- A potential loss of income from being unable to get to work safely
- Feelings of isolation or depression
- Power outages during extreme weather events

The project team also engaged stakeholders from state and local agencies, the energy utilities that serve Tualatin, non-profits, and businesses.

### WHAT WE HEARD

Key takeaways from the adaptation-focused stakeholder meetings included the importance of building trust and relationships in the community and the need for more public refuge to keep people and animals safe during extreme weather events.



The focus on climate resilience reflects a growing recognition that climate change is accelerating and that living comfortably with the physical changes brought on by climate change will necessitate taking action through proactive planning, coordination, investment of money and resources, and information sharing within and between local agencies and community members.

## CLIMATE IMPACTS IN TUALATIN

This section is intended to help readers understand the local impacts of climate change and the impact that our actions (or inactions) can have to ensure that Tualatin can become a more environmentally active and inclusive community with a thriving and diversified economy. Where possible, we share what the differences in future physical conditions will be if we and the rest of the world take action to reduce emissions (strong climate action scenario) compared to if we do not take action (no climate action scenario). For more, in-depth information about how climate change will impact Tualatin, see Appendix 1: Future Physical Conditions and Climate 101 - Technical Reader.

Climate change will impact historically underserved communities first and worst. Devoting resources to engage with, listen to, and better serve these communities moving forward will be an important commitment.

### Heat

It's going to get hotter. Without climate action, Tualatin is likely to **experience a summer climate much like California's Sacramento Valley** (Figure 5) by 2080. The number of days over 90 degrees every summer are expected to increase dramatically: **from a historical average of 6 to nearly 60 by the end of the century**. In contrast, **if the world takes strong climate action, we can constrain the number of hot days to under 30**.

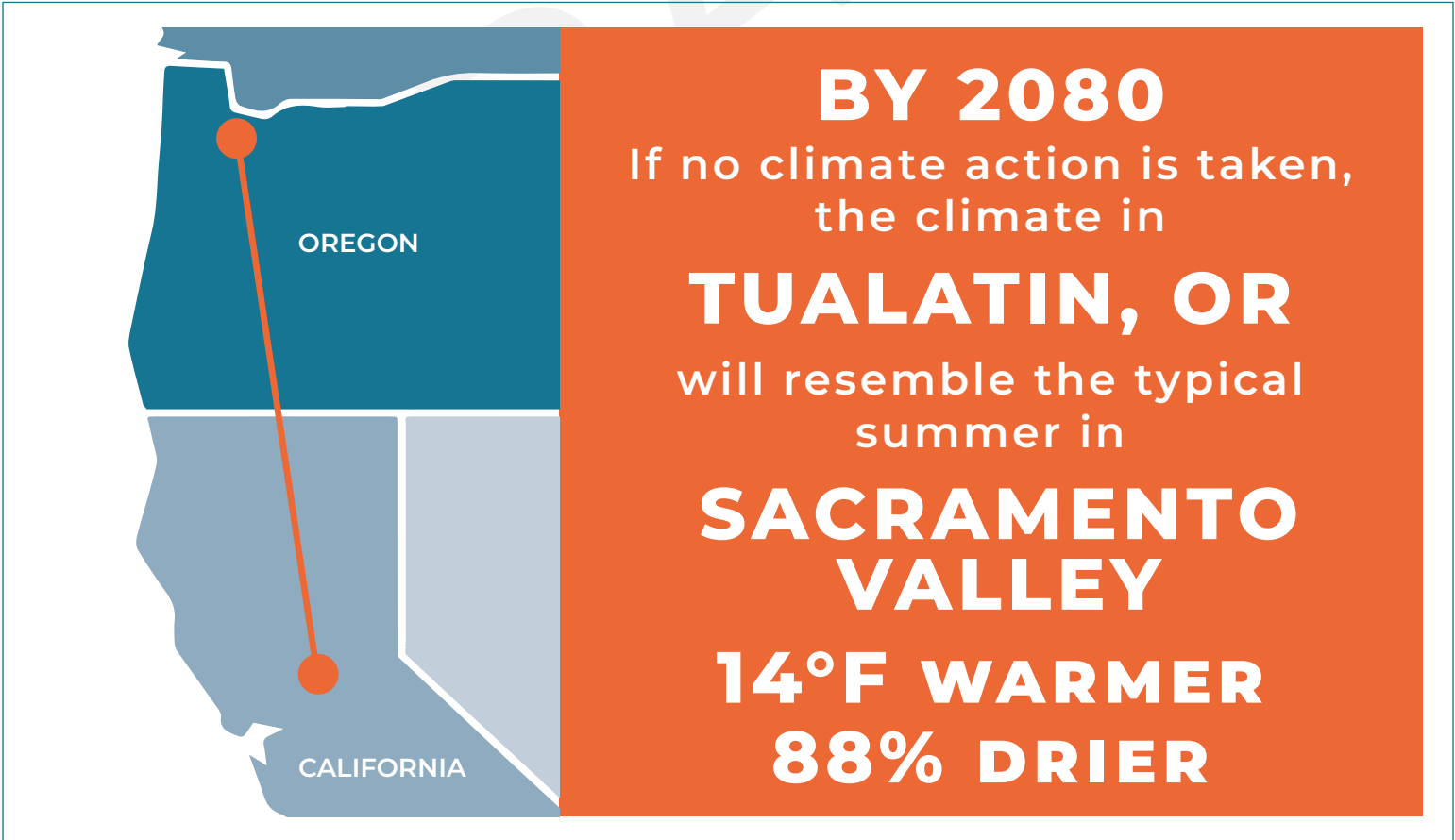


FIGURE 5: Without climate action, Tualatin’s climate will feel like Sacramento Valley California’s current climate.

According to the [Statesman Journal](#), Oregon continued its pattern of historically hot temperatures in 2022, recording the 10th warmest year on record. Of the 13 hottest years recorded in Oregon, nine have come since 2000 and seven have come since 2010.

We've already begun to experience hotter summers in Tualatin. In June 2021, the Pacific Northwest experienced an extreme heat wave or 'heat dome' event. Heat records were broken across the region, as temperatures soared as high as 118 degrees Fahrenheit. Portland saw a record high temperature of 116 degrees F. Hundreds of people died across the Pacific Northwest, including 96 Oregonians.

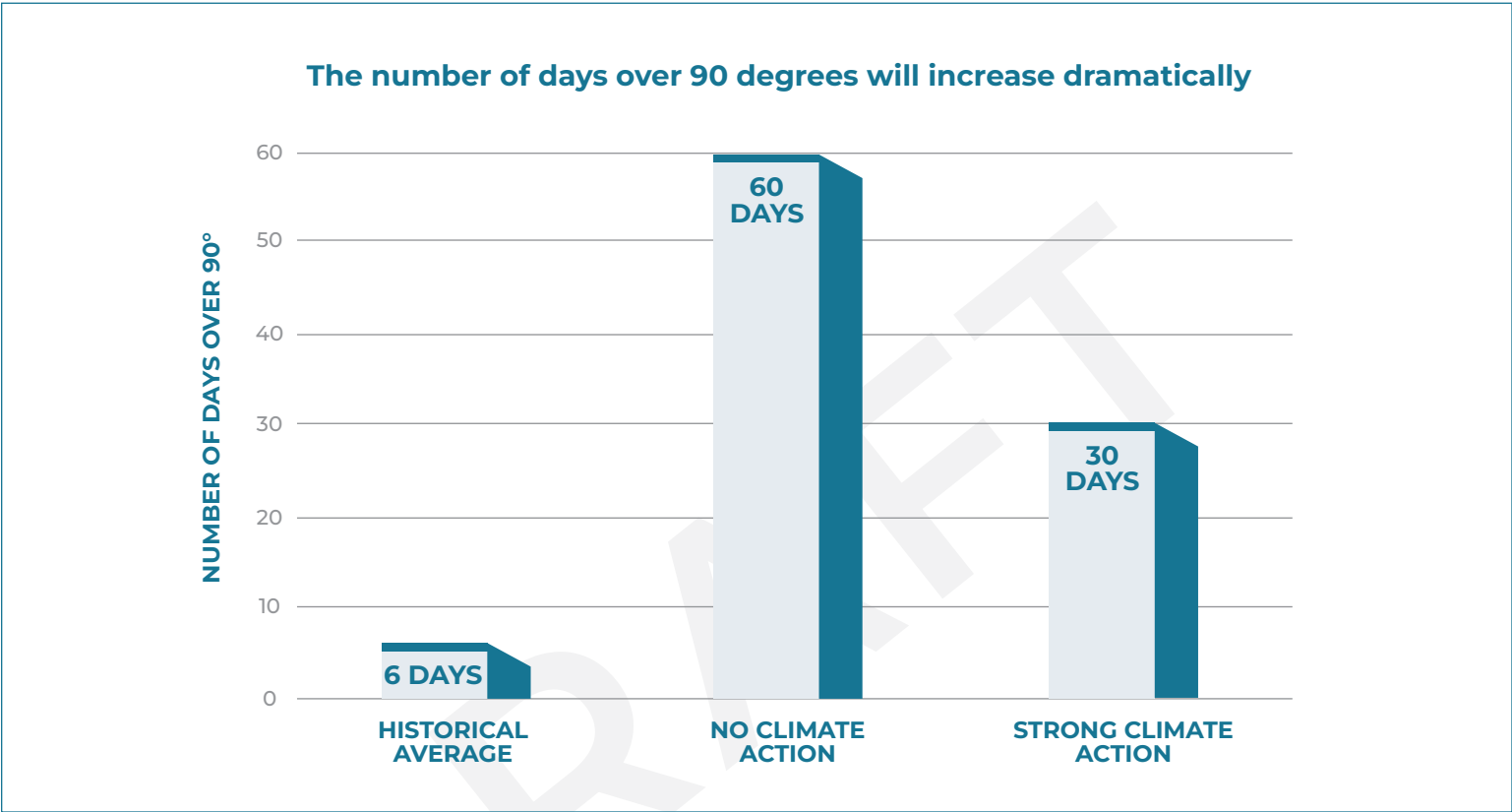


FIGURE 6: By taking strong climate action, we can help to limit the number of days over 90 degrees to 30 days each year. Without climate action, there will be about 60 days over 90 degrees each year.

“The heat has restricted us to certain times of day when we can comfortably go outside the house in the summer time. Our air conditioner use is definitely up.”

- Tualatin resident

Fire and smoke

While Tualatin is not at a high risk for forest fires, we are at risk of smoke events from fires happening in the region. We are already seeing the devastating effects, as shown in Figure 7 (recent fire conditions), with fires around Tualatin increasing steadily in the last few years. Under the no climate action scenario, the current average of 10 days of extreme fire danger in the Portland metropolitan region will double to 20 by the end of the century. Strong climate action can decrease the number of extreme fire danger days to 17.

Wildfire smoke is expected to increase with wildfires, not just in nearby forests, but across the West. Winds carry smoke from elsewhere in Oregon, surrounding states, and even down from Canada where it settles in the valley. Smoke can cause and exacerbate numerous health conditions like acute respiratory disorders such as asthma, as well as cardiovascular disease.

The 2020 wildfire season demonstrated this when the international air quality monitoring website [IQAir.com](#) ranked Portland as number 1 for worst air quality among the world's cities in September 2020 – worse than notoriously polluted spots in countries such as India, China and Israel ([NPR/OBP](#)).

“The wildfires from 2021 were heartbreaking and scary. With the fire approaching Oregon City, I got to the point where I started documenting items in my house for insurance purposes and packing a go-bag. It was a very scary time.”

- Alexis, Tualatin resident

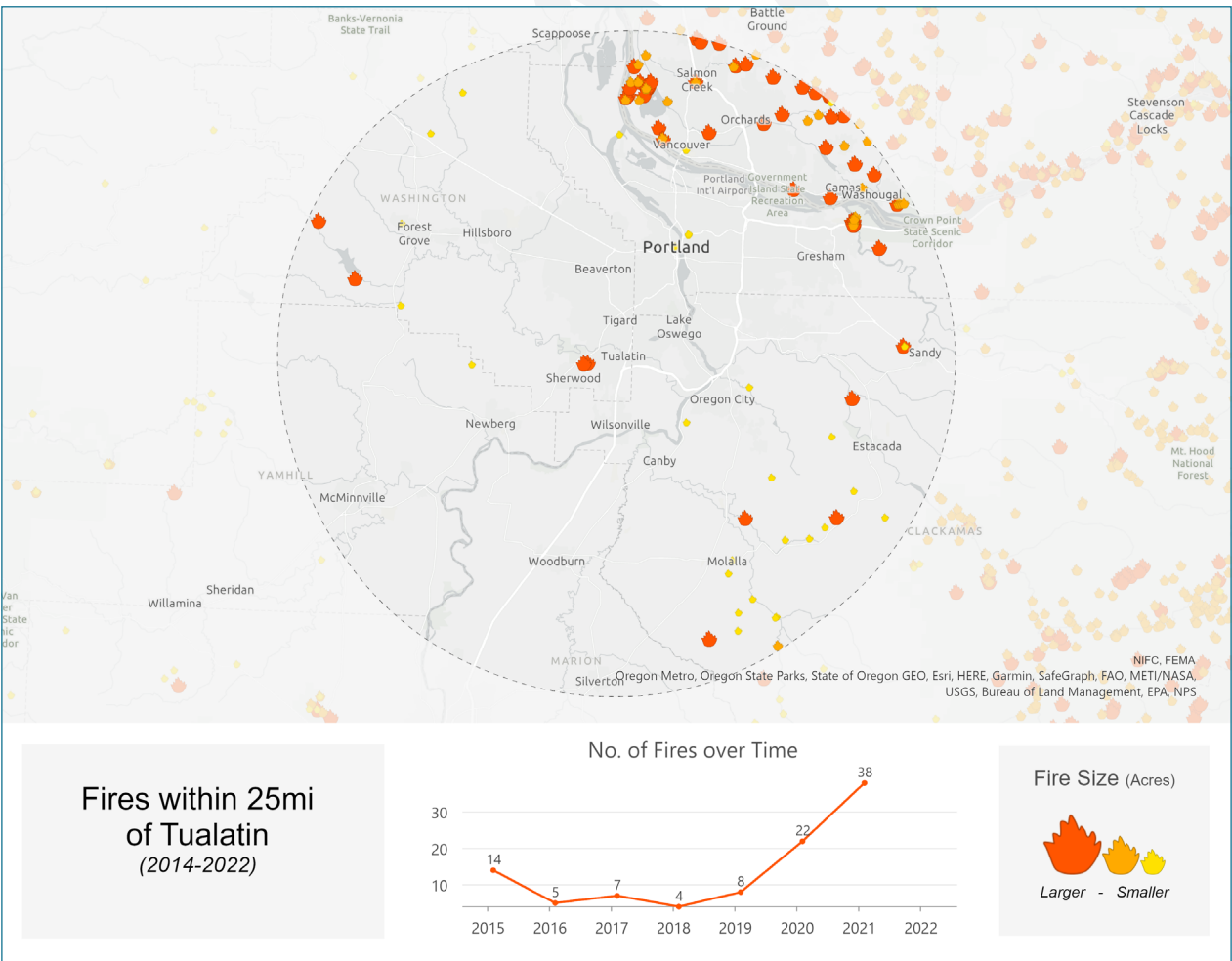


FIGURE 7: Recent wildfire conditions around Tualatin

## Precipitation and flooding

Overall, annual rainfall quantities will remain nearly unchanged for Tualatin. The most noticeable change will be an increase in atmospheric rivers (also known as “rivers in the sky”), weather systems that bring large storms with heavy precipitation in short periods of time. See Figure 8 for a visual explanation of atmospheric rivers.

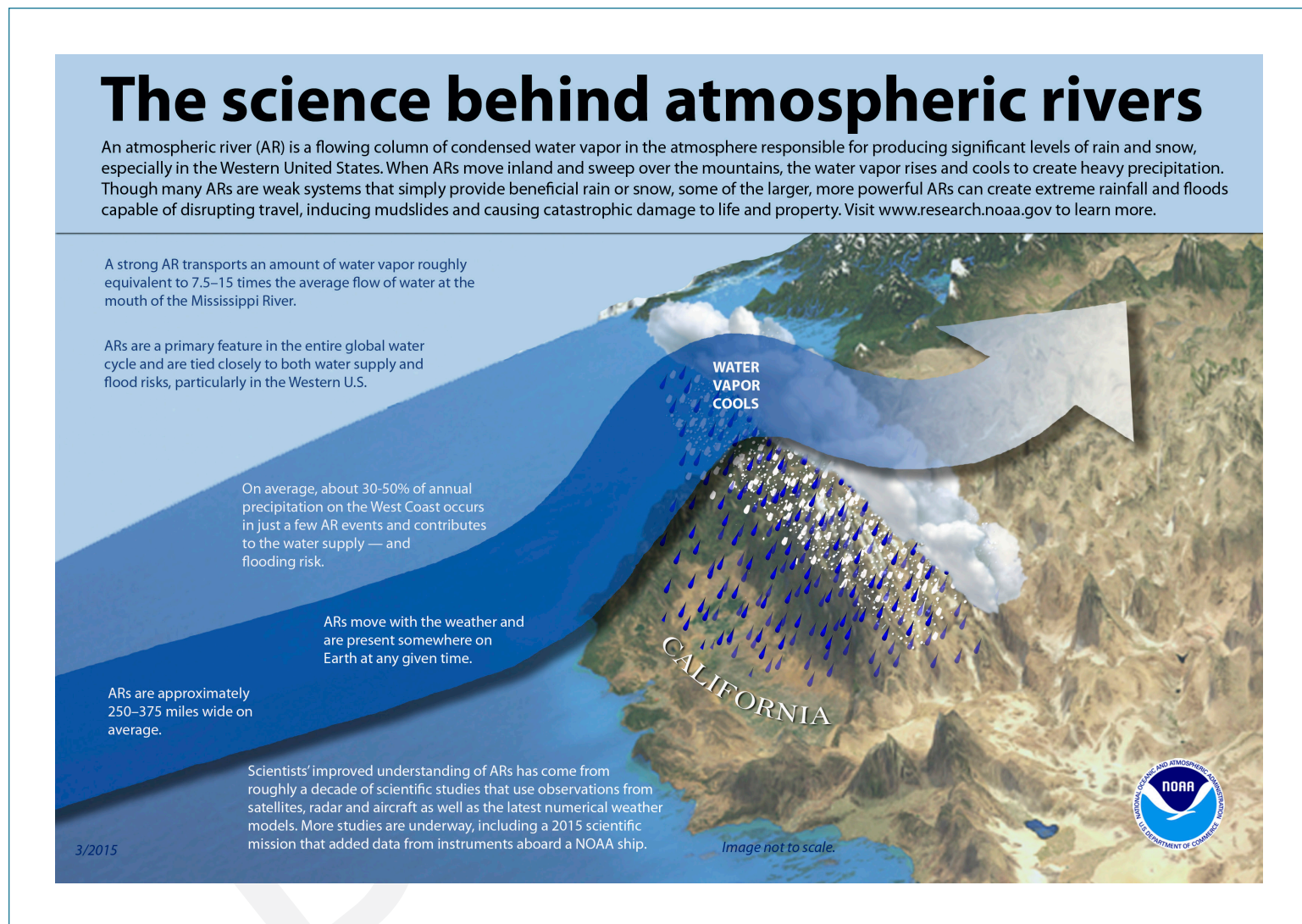


FIGURE 8: Atmospheric rivers



In the future, however, increased severity of rain events is likely to increase the likelihood and severity of flooding. The increased chance means that the blue area, which currently floods every hundred years or so, will likely see flooding much more often, every 20 to 50 years.

Flooding can have significant impacts on people's health and safety, particularly in the immediate aftermath of a flood. Floodwaters can carry harmful contaminants, such as bacteria, viruses, and chemicals, which can pose a health risk to those exposed to them. Exposure to contaminated floodwaters can cause skin infections, gastrointestinal illness, and respiratory issues. Additionally, floodwaters can hide hazards such as sharp objects, debris, and downed power lines, making it dangerous to walk or drive through flooded areas.

Additionally, this may mean that more people in Tualatin need to purchase flood insurance. It is likely that all of the places shown in pink on the map will need flood insurance, and that the premiums for those in the blue places will increase.

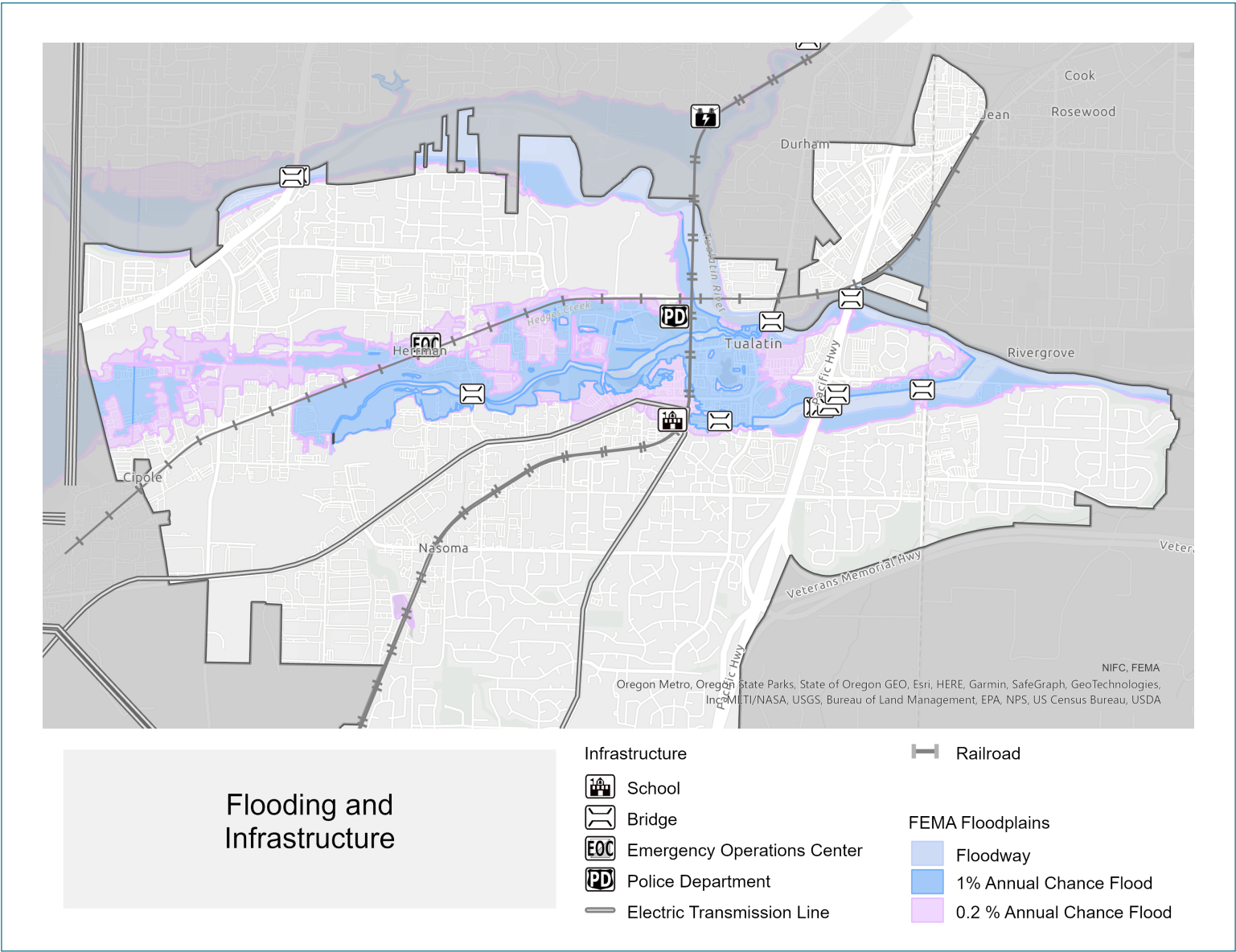


FIGURE 9: Tualatin's current flood map

## THE 1996 FLOOD

Tualatin is no stranger to extreme flooding. Take the February 1996 flood, for example, in which floodwaters rose to 126.3 feet above sea level and buried downtown Tualatin under 7 feet of water. At least 29 homes, 97 multi-family units, and 85 commercial/industrial buildings in Tualatin were affected and many homeowners residing along the river were also forced to evacuate.

Volunteers, City staff, Tualatin Valley Fire & Rescue, and Federal Emergency Management Agency (FEMA) personnel joined together to evacuate neighbors, fill and distribute sandbags, and support one another. Eventually, the water receded, leaving water damage and debris in its wake. Flooding events are becoming more frequent and intense due to climate change, leaving the downtown area at heightened risk unless action is taken to prepare for these events and reduce risk. Click here to read the full [Tualatin Times article](#).



FIGURE 10: Photos of Tualatin's downtown area during the 1996 flood.

## Health impacts

Climate impacts have and will continue to impact human health. For example, we can expect more extreme heat to result in an increase in heat-related conditions, such as heat exhaustion and infectious diseases such as West Nile, Lyme, and fungal diseases. Furthermore, heat affects human health through increased stress and has been linked to increased violence in some populations. Pregnant people, people who work outdoors, the elderly, and people without access to air conditioning are at an increased risk for heat stroke and other heat related conditions.

For example, smoke from wildfires can cause poor air quality. People with asthma or other respiratory conditions may be more sensitive to and negatively affected by poor air quality. According to the Asthma and Allergy Foundation of America, the burden of asthma in the United States falls disproportionately on Black, Hispanic and American Indian/Alaska Native people. These groups have the highest asthma rates, deaths, and hospitalizations due to structural determinants of health like systemic racism, and social determinants of health, like socioeconomic status and education. See Figure 11 for a comprehensive assessment from the Oregon Health Authority that shows how climate hazards, like poor air quality, can interact with existing stress factors, like access to education, health care, and wealth, to amplify adverse effects on human health.

| Climate-related drivers of health: environmental hazards                               | Stress factors: inequities in social, physical environment, cultural, and economic supports   |
|--|---|
| Heat   | Systemic inequities in policies   |
| Infectious disease vectors   |   |
| Wildfire   | Inequities and unequal investment in social determinants of health (e.g., housing, education, income, wealth, transportation access, food security, income security, access to health care) |
| Air quality (e.g., pollen, wildfire smoke, smog, ozone)                                |   |
| Storms, floods, landslides   |   |
| Sea level rise   | Capacity and adaptive capacity of infrastructure, institutions, and systems to support human health (e.g., culturally specific services, surge capacity of hospitals)                       |
| Drought, water insecurity  |   |
| Effects on human health  |   |
| Hazard-related acute conditions (e.g., heat stroke, asthma attack)                     |   |
| Hazard-related chronic conditions (e.g., heart disease, diabetes, respiratory illness) |   |
| Infectious diseases (e.g., Lyme disease)   |   |
| Mental health conditions   |   |
| Adverse pregnancy outcomes   |   |

FIGURE 11: Climate hazards and social stress factors exacerbate negative effects on human health.



## SECTION TWO: STRATEGIES AND ACTIONS

The “Preparing for Climate Change” section identifies actions the Tualatin community can take to adapt to changing climate conditions, like extreme heat, wildfires and smoke, and precipitation and flooding. In this section, actions are categorized by strategy within each of the following three focus areas:



### FOCUS AREA 1 NATURAL SYSTEMS, RESOURCES, & INFRASTRUCTURE

|                     |   |            |
|---------------------|---|------------|
| <b>STRATEGY 1.1</b> | Improve the resilience of Tualatin's natural systems, resources, and infrastructure to extreme heat | 13 Actions |
|---------------------|---|------------|

|                     |  |           |
|---------------------|--|-----------|
| <b>STRATEGY 1.2</b> | Improve the resilience of Tualatin's natural systems, resources, and infrastructure to handle an increase in fire risk and smoke events. | 1 Actions |
|---------------------|--|-----------|

|                     |   |           |
|---------------------|---|-----------|
| <b>STRATEGY 1.3</b> | Improve the resilience of Tualatin's natural systems, resources, and infrastructure to handle an increase in heavy precipitation events, flooding, and winter storms. | 8 Actions |
|---------------------|---|-----------|



### FOCUS AREA 2 HEALTH AND SAFETY

|                     |   |            |
|---------------------|---|------------|
| <b>STRATEGY 2.1</b> | Increase preparedness and provide resources to help people who live, work, learn, and play in Tualatin better handle extreme heat events. | 14 Actions |
|---------------------|---|------------|

|                     |   |           |
|---------------------|---|-----------|
| <b>STRATEGY 2.2</b> | Increase preparedness and provide resources to help people who live, work, learn, and play in Tualatin better handle more frequent wildfire and smoke events. | 4 Actions |
|---------------------|---|-----------|

|                     |   |            |
|---------------------|---|------------|
| <b>STRATEGY 2.3</b> | Increase preparedness and provide resources to help people who live, work, learn, and play in Tualatin better handle the impacts of heavy precipitation events and winter storms. | 14 Actions |
|---------------------|---|------------|



### FOCUS AREA 3 ECONOMIC SHIFTS

|                     |  |           |
|---------------------|--|-----------|
| <b>STRATEGY 3.1</b> | Improve the resilience of Tualatin's businesses and workers to extreme heat. | 2 Actions |
|---------------------|--|-----------|

|                     |  |           |
|---------------------|--|-----------|
| <b>STRATEGY 3.2</b> | Improve the resilience of Tualatin's businesses and workers to handle an increase in fire risk and smoke events. | 2 Actions |
|---------------------|--|-----------|

|                     |   |           |
|---------------------|---|-----------|
| <b>STRATEGY 3.3</b> | Improve the resilience of Tualatin's businesses and workers to handle an increase in heavy precipitation events, flooding, and winter storms. | 5 Actions |
|---------------------|---|-----------|



## FOCUS AREA 1: NATURAL SYSTEMS, RESOURCES, AND INFRASTRUCTURE

### Background

Climate change will put a strain on Tualatin's natural systems, resources, and infrastructure including the plants, animals, trees, the drinking water system, sewer system, stormwater system, and City parks.

As we prepare for hotter summers, wildfires and smoke, and floods, Tualatin infrastructure should be designed to handle higher temperatures and more stormwater, protecting people who spend time outside, and educating the community on how to prepare for climate hazards. The public right-of-way (streets, sidewalks, and land that is controlled by a government entity as opposed to privately owned) is already crowded and may become increasingly congested. This may make it harder to adapt to the impacts of climate change because it can be difficult to find space to provide the underground conduit needed for full electrification and undergrounding more utilities to withstand weather and increased stormwater flows.

---

“We’re already seeing the impacts of drought and extreme heat on trees in Tualatin. Native tree species that used to thrive here, like the Western Red Cedar, are now struggling to stay healthy and we’re seeing more and more of these trees die off in our parks and across the city each year.”

- Tom Steiger, Tualatin's Parks Maintenance Manager

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### Strategy 1.1

### Improve the resilience of Tualatin's natural systems, resources, and infrastructure to extreme heat



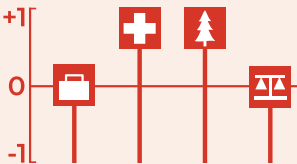


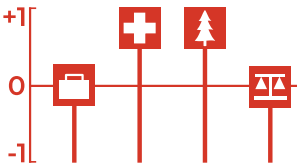
Extreme heat can negatively impact natural systems, resources, and infrastructure by contributing to drought, increasing the likelihood of wildfires, and putting strain on plants and animals. High temperatures can cause asphalt and concrete to expand, leading to buckling, cracking, and other damage to roads, bridges, and other infrastructure. Figure 12 shows how surface temperatures vary based on surface type. Cement, red brick, and blacktop (asphalt) become extremely hot when air temperatures exceed 90 degrees Fahrenheit. This can be dangerous for pets and other animals.

| Time | Grass in shade | Grass in sun | Air Temp | Cement | Red Brick | Blacktop |
|------|----------------|--------------|----------|--------|-----------|----------|
| 7am  | 70             | 74           | 76       | 78     | 78        | 80       |
| 8    | 72             | 77           | 77       | 80     | 81        | 81       |
| 9    | 78             | 85           | 88       | 93     | 95        | 89       |
| 10   | 82             | 86           | 90       | 99     | 105       | 103      |
| 11   | 85             | 98           | 92       | 105    | 115       | 121      |
| 12pm | 88             | 100          | 93       | 112    | 125       | 130      |
| 1    | 90             | 103          | 94       | 115    | 130       | 135      |
| 2    | 91             | 105          | 95       | 125    | 135       | 140      |
| 3    | 91             | 105          | 95       | 124    | 134       | 140      |
| 4    | 89             | 102          | 95       | 118    | 131       | 137      |
| 5    | 87             | 98           | 93       | 112    | 122       | 131      |
| 6    | 85             | 96           | 91       | 106    | 110       | 122      |
| 7    | 83             | 86           | 90       | 100    | 105       | 112      |
| 8    | 80             | 80 (dusk)    | 87       | 95     | 98        | 103      |
| 9    | 78             | 78 (dark)    | 84       | 90     | 92        | 93       |

FIGURE 12: Surface temperatures vary by surface type.

Extreme heat can also cause power outages, particularly if demand for electricity increases as people use air conditioning to stay cool. Power outages can impact critical infrastructure, such as hospitals and pumps in the drinking water system, leading to health and safety concerns. Addressing the impacts of extreme heat on Tualatin's natural systems, resources, and infrastructure will require investment in information gathering, policy changes, and information sharing.

# Actions

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION |
|--|---|---|--|---|-----------------|
| <b>1.1.1 Update Tualatin's approved street tree species list to better withstand climate change.</b> Increased temperatures, drought, fires, precipitation, and extreme weather events are expected. Trees should be selected based on their ability to withstand these changes, their growth rate, and their resiliency to pests and disease. This action must be completed before action 1.1.2.  | <b>STAKEHOLDERS</b><br>• City of Tualatin Public Works and Parks Departments<br><br><b>PROGRAM</b><br>• City of Tualatin Sidewalk/Street Tree Program |  | <div>MAS*</div> <div>  </div> • Environmental                                   |  |                 |
| <b>1.1.2 Develop and conduct a communications campaign to increase awareness about drought-resistant species and street tree requirements in Tualatin.</b> The campaign should aim to increase awareness of the updated approved street tree list (from action 1.1.1), as well as include information about the City's tree removal ordinance (TDC Ch. 33) and landscaping with drought-resistant plants to reduce water use. Communications channels could include a resource page on the City's website and print pieces for what to know about sustainable and resilient landscaping in Tualatin. | <b>PROGRAM</b><br>• City of Tualatin Sidewalk/Street Tree Program   |  | <div>MAS*</div> <div>  </div> • Connected, Informed, Engaged<br>• Environmental |  |                 |

## Key



MITIGATION ACTIONS



ADAPTATION ACTIONS



SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH & SAFETY



ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY

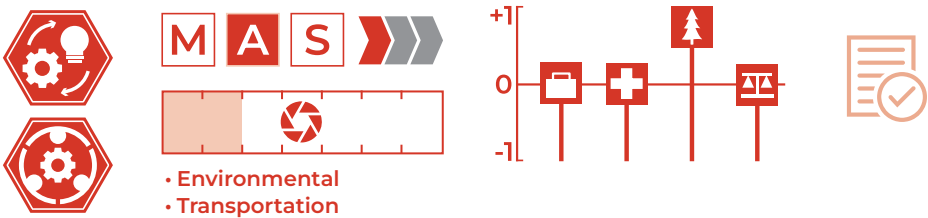


COMMUNITY ACCEPTANCE



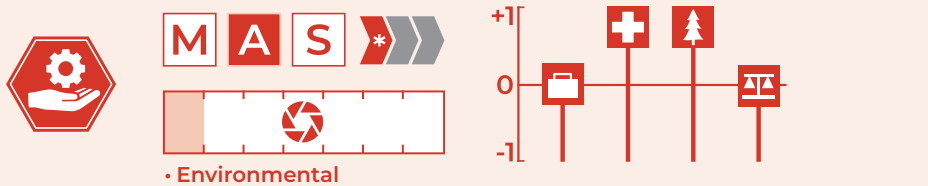
| ACTION | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS | CITY ROLE | CHARACTERISTICS | CO-BENEFITS | POLICY DECISION |
|--------|---|-----------|-----------------|-------------|-----------------|
|--------|---|-----------|-----------------|-------------|-----------------|

1.1.6 Consider higher future temperatures when updating Public Works Construction Code, the Development Code, and the Municipal Code to ensure that road, water, sewer, and stormwater infrastructure and new developments are better able to withstand higher temperatures.



1.1.7 Advocate for Clean Water Services to update its stormwater treatment facility species list with species that are able to withstand increased temperatures, drought, occasional snow and ice storms, and fire. The City of Tualatin currently follows the Clean Water Services Low Impact Development Approach Handbook, specifically the Public-Private Plant List for determining which plant species to select and plant in water quality facilities. Some native plant species are under significant threat of extinction (e.g. the Oregon Ash). Discretion should be used when selecting species to plant in water quality facilities to ensure that plants and trees are likely to survive and thrive in changing climate conditions.

STAKEHOLDER  
• Clean Water Services



M

MITIGATION ACTIONS

A

ADAPTATION ACTIONS

S

SEQUESTRATION ACTIONS

IMPLEMENTS

CONVENE

SUPPORT/ADVOCATE

QUICK START

0-5 YRS

6-10 YRS

10+ YRS

YES, POLICY DECISION

ALIGNMENT WITH COUNCIL VISION (0-7)

JOB




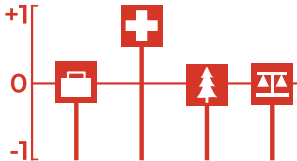




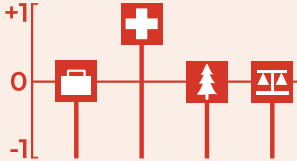





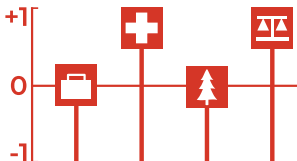

HEALTH & SAFETY

ECOSYSTEM & WILDLIFE HEALTH

OPPORTUNITY FOR EQUITY



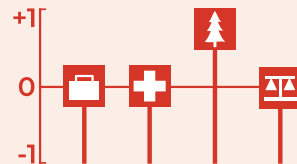



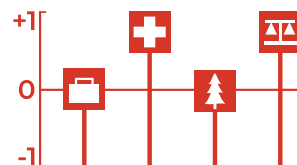



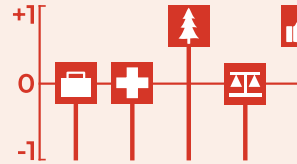
COMMUNITY ACCEPTANCE



| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE  | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|---|--|--|---|---|---|
| <b>1.1.8 Develop parking lot design standards that result in cooler, shaded lots and prevent flooding risks.</b> This could include requiring or providing incentives for cool pavement techniques to reflect heat, increase shade cover from trees and/or solar canopies, and increase drainage, storage, and/or hardscape permeability to better manage influxes of stormwater. This action also supports Strategy 1.3. | <b>STAKEHOLDERS</b><br>• City of Tualatin Public Works and Community Development Departments |   | <br><br>• Environmental<br>• Transportation   |  |  |
| <b>1.1.9 Create park design standards to increase shade cover, shelter, increase the availability of drinking water fountains and water features in City parks.</b>   | <b>POLICY/PLANNING DOCUMENT</b><br>• Parks System Plan                                       |   | <br><br>• Gathering Places<br>• Environmental |  |  |
| <b>1.1.10 Work with TriMet and Ride Connection to increase shelter at bus stops.</b> Prioritize efforts in higher equity needs areas of Tualatin. Additional shelter can provide shade in extreme heat events and cover during heavy precipitation events.  | <b>STAKEHOLDERS</b><br>• TriMet<br>• Ride Connection   | <br> | <br><br>• Transportation                      |  |  |

## Key

|   |   |   |  |  |  |   |   |
|---|---|---|--|--|--|---|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START<br> 0-5 YRS<br> 6-10 YRS<br> 10+ YRS |  YES, POLICY DECISION<br> ALIGNMENT WITH COUNCIL VISION (0-7) |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |   |   |

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE  | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|---|--|--|---|---|---|
| <p><b>1.1.11 Support Clean Water Services in implementing the strategies included in their Thermal Load Management Plan.</b> This program serves to help maintain the Tualatin River Watershed and mitigate the urban heat island effect by providing shade to reduce stream temperatures and diverting effluent through projects like purple pipe.</p> | <p><b>STAKEHOLDER</b></p> <ul style="list-style-type: none"> <li>• Clean Water Services</li> </ul>   |   | <p><b>M A S</b> &gt;&gt;&gt;</p>  <p>• Environmental</p>   |  |   |
| <p><b>1.1.12 Increase access to water for cooling, including rivers, pools, swimming holes, and splash pads.</b> Access issues could include number of locations, availability of transportation to those locations, hours of operation, and/or cost to use facilities.</p>   | <p><b>POLICY/PLANNING DOCUMENT</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Parks System Plan</li> </ul>  | <br> | <p><b>M A S</b> &gt;&gt;&gt;</p>  <p>• Inclusive Community<br/>• Gathering Places</p>                            |  |  |
| <p><b>1.1.13 Protect and restore the Tualatin River watershed.</b> The Tualatin River and the species that live in and around it are at risk from extreme heat. Protecting and restoring the riparian ecosystem can help to reduce stream temperatures, provide habitat, and provide recreation opportunities for community members.</p>                | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• Friends of Trees</li> <li>• Tualatin Riverkeepers</li> <li>• Tualatin River Watershed Council</li> </ul> |   | <p><b>M A S</b> &gt;&gt;&gt;</p>  <p>• Environmental<br/>• Connected/Informed/Engaged<br/>• Gathering Places</p> |  |   |

## Key

|   |   |   |  |  |  |   |   |
|---|---|---|--|--|--|---|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START<br> 0-5 YRS<br> 6-10 YRS<br> 10+ YRS |  YES, POLICY DECISION                |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |   |  ALIGNMENT WITH COUNCIL VISION (0-7) |



## Strategy 1.2

### Improve the resilience of Tualatin's natural systems, resources, and infrastructure to handle an increase in fire risk and smoke events

Natural systems and resources are vulnerable to the devastating effects of wildfires. Fire damage can lead to the loss of habitat and biodiversity and reduced soil and water quality. Fires can also impact infrastructure like roads, bridges, and buildings, causing damage and requiring costly repairs. While fire risk is low within the boundaries of Tualatin, these impacts may be experienced by community members who recreate or travel elsewhere in the Portland metropolitan region and in the state.

Wildfire smoke can have significant impacts on both plants and animals. Smoke can reduce the amount of sunlight that reaches the ground, which can affect the growth and productivity of plants in parks, natural areas, and gardens. It can also damage plant tissues and alter their physiology, making them more susceptible to disease and pests.

Smoke can be harmful to pets, particularly dogs and other pets that spend time outside, since smoke can negatively impact an animal's health and lead to behavioral issues. Wild animals are susceptible too since smoke can cause changes in migration patterns and feeding habits. In addition, the loss of habitat due to fires can lead to a decline in animal populations and biodiversity.

Given the far-reaching consequences of wildfire and smoke on natural systems, resources, and infrastructure, it is important to take action to prepare for fire and smoke events.



# Actions

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE | CHARACTERISTICS  | CO-BENEFITS | POLICY DECISION |
|---|---|-----------|--|-------------|-----------------|
| <b>1.2.1 Share resources from Firewise USA via Tualatin Valley Fire &amp; Rescue to increase community access to wildfire preparedness resources.</b><br>The Firewise USA program is a global nonprofit organization that is devoted to eliminating death, injury, property, and economic loss due to fire, electrical, and related hazards. Oregon's Department of Forestry (ODF) manages the program at the state level, and ODF district offices and fire departments manage the program at the local level. | <b>STAKEHOLDER</b><br>• Tualatin Valley Fire & Rescue |           | <div> <div>MAS*</div> <div> </div> </div> <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> <li>• Neighborhoods</li> <li>• Environmental</li> </ul> |             |                 |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START



0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)





## Strategy 1.3

### Improve the resilience of Tualatin's natural systems, resources, and infrastructure to handle an increase in heavy precipitation events, flooding, and winter storms

Instances of severe flooding happen in Tualatin when large amounts of water inundate low-lying areas within a short period of time. In Tualatin, this typically affects areas like Tualatin-Sherwood Road, the downtown area, and segments of Boones Ferry Road (see Figure 13). This type of flooding is typically caused by heavy rainfall – an event that is becoming more and more likely as the climate changes. The impact of severe flooding can be devastating, causing damage to homes and businesses, disrupting transportation and utilities, and putting residents at risk of injury or death.

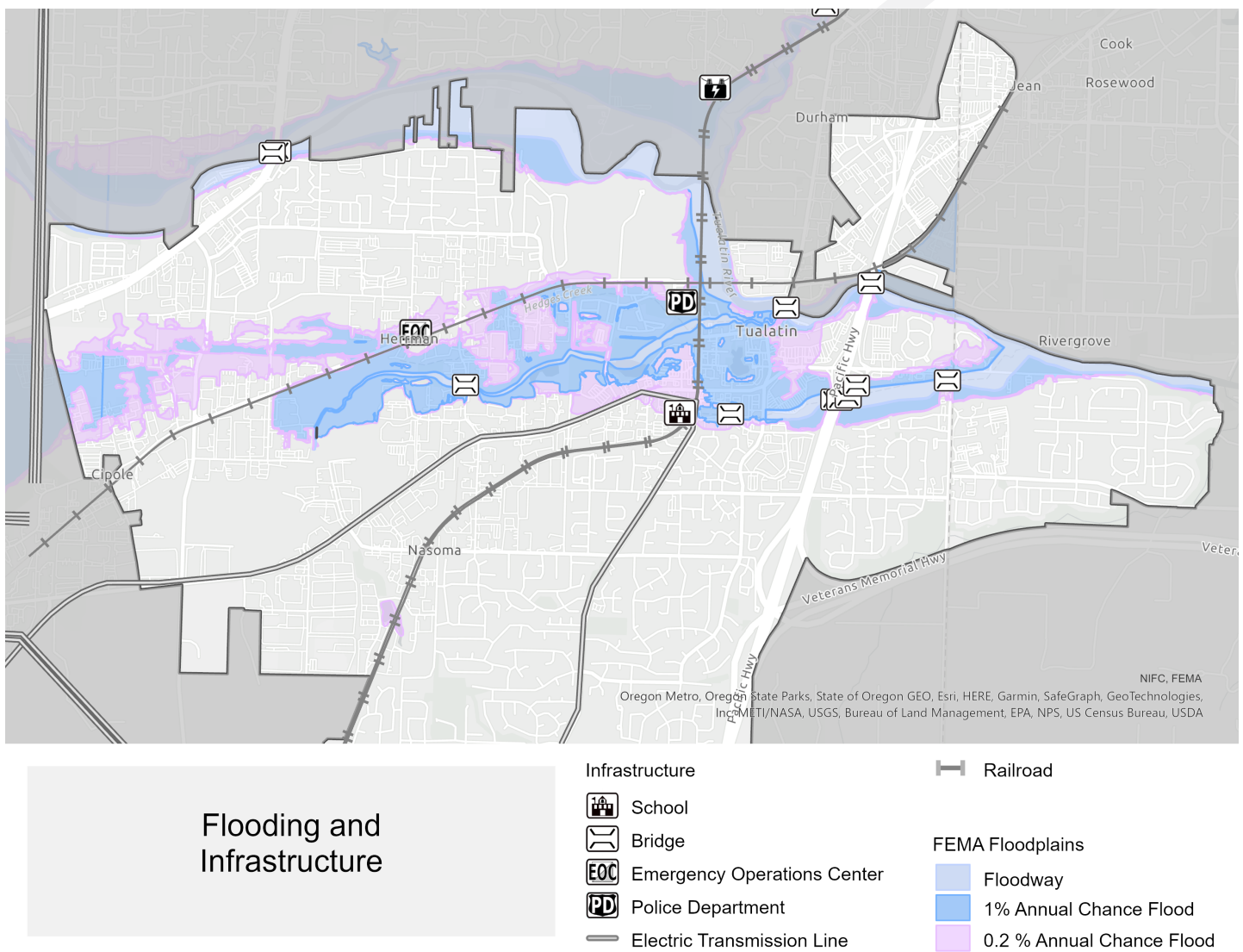

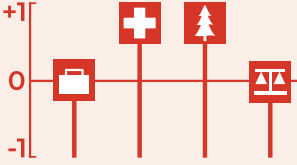



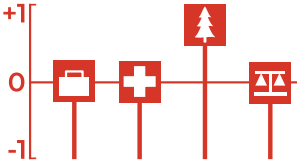


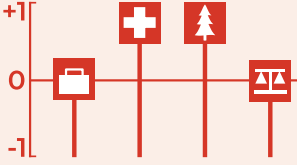



FIGURE 13: Tualatin's current flood map

# Actions

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS              | CITY ROLE  | CHARACTERISTICS  | CO-BENEFITS  | POLICY DECISION   |
|--|--|--|--|--|---|
| <b>1.3.1 Install backflow prevention devices in City sewer and stormwater systems as necessary to prevent flood damage.</b>  | <b>STAKEHOLDER</b><br>• City of Tualatin Public Works Department |   | <div> <div>MAS</div> <div> </div> </div> • Environmental   |   |  |
| <b>1.3.2 Encourage property owners to increase drainage, storage, and/or permeability on private properties.</b><br>One example could be lowering stormwater rates for property owners that certify that they've increased drainage, storage, and/or permeability on their properties. | <b>STAKEHOLDER</b><br>• Clean Water Services                     | <br> | <div> <div>MAS</div> <div> </div> </div> • Gathering Places<br>• Transportation<br>• Environmental |   |  |
| <b>1.3.3 Evaluate strategies to reduce flooding in floodprone areas.</b> This could include storage tanks located under parking lots and intersections, larger stormwater facilities, etc. to better manage flood waters and protect infrastructure and people.                        |  |   | <div> <div>MAS</div> <div> </div> </div> • Gathering Places<br>• Transportation<br>• Environmental |  |  |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START



0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH & SAFETY





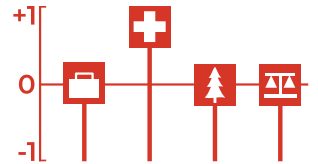



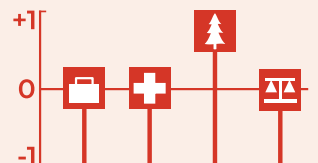

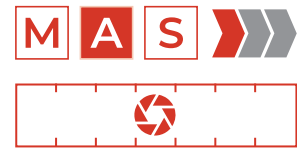
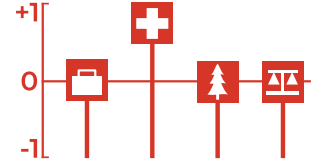
ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



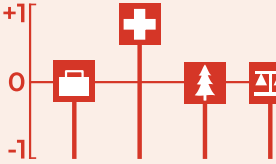


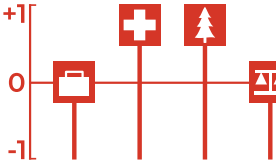



COMMUNITY ACCEPTANCE

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|---|--|---|--|---|---|
| <b>1.3.4 Increase flood capacity on publicly owned lands.</b> This could include reviewing and revising the Parks Department's levels of service methodology to be more qualitative or acquiring or alternating public land, including park land, to increase stormwater capacity. Changes to use of park land will require altering the City's charter prohibition on developing infrastructure in parks.  | <b>PLANNING/POLICY DOCUMENT</b><br>• City charter  |  | <br>• Gathering Places<br>• Environmental |  |  |
| <b>1.3.5 Increase sustainability of outdoor spaces.</b> Tools could include rain gardens, backyard habitat certification, pollinator pockets, SITES certification, etc. This action also supports Strategies 1.1 and 1.2.   |  |  | <br>• Gathering Places<br>• Environmental |  |   |
| <b>1.3.6 Advocate for increased grid resiliency and redundancy to minimize service disruptions as the building and transportation sectors electrify.</b> There are concerns about the increased demand for electricity from buildings and vehicles putting a strain on the electrical grid's capacity and reliability as fossil fuels are phased out. Resiliency and redundancy efforts are needed to support the increased demand for electricity. | <b>STAKEHOLDER</b><br>• Portland General Electric (PGE)<br><br><b>PROGRAM</b><br>• PGE Smart Grid Test Bed |  |   |  |   |

## Key

|   |   |   |  |  |  |   |   |
|---|---|---|--|--|--|---|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START<br> 0-5 YRS<br> 6-10 YRS<br> 10+ YRS |  YES, POLICY DECISION<br><br> ALIGNMENT WITH COUNCIL VISION (0-7) |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |   |   |

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|---|--|---|---|---|---|
| <p><b>1.3.7 Enhance signage in areas where flooding may occur and wayfinding signage when sections of roadways are likely to be unpassable.</b> The City currently has a list of known roads that tend to flood. Staff should continue to monitor and adjust this list as need arises. Consider developing a signage plan for large flooding events. This action supports Strategy 2.3.</p> | <p><b>STAKEHOLDER</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Public Works Department</li> </ul> |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> <li>• Transportation</li> </ul> |  |   |
| <p><b>1.3.8 Consider constructing large, regional stormwater management facilities to increase stormwater management capacity.</b> Larger facilities provide greater flood mitigation and ease development burden.</p>  | <p><b>STAKEHOLDER</b></p> <ul style="list-style-type: none"> <li>• Clean Water Services</li> </ul>                     |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <ul style="list-style-type: none"> <li>• Environmental</li> </ul>  |  |  |

## Key

|   |   |   |  |  |  |   |  |
|---|---|---|--|--|--|---|--|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START<br> 0-5 YRS<br> 6-10 YRS<br> 10+ YRS |  YES, POLICY DECISION                   |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |   | <br>ALIGNMENT WITH COUNCIL VISION (0-7) |





## FOCUS AREA 2: HEALTH AND SAFETY

### Background

Climate change will impact the people that live, work, learn, and play in Tualatin. While all individuals will experience the impacts of climate change, some populations, like people with low incomes, people of color, young children, older adults, and people who work outside will likely experience these impacts first and worst due to existing inequities.

### WHAT WE HEARD

Community members reported needing to stay home or indoors and not being able to get to work or school as their top concerns related to climate impacts in Tualatin. People were also concerned about the potential loss of income from not being able to work at full capacity during climate events, feelings of isolation and depression (especially for older community members), loss of electricity, and difficulty breathing or dangerous air quality during smoke events.

Community members also expressed interest in a City-provided resilience kit for households to help people prepare for Tualatin's likely climate hazards. Resilience kits could include information about City resources like the sandbag program to assist with the impacts of localized flooding as well as ways to stay cool at City facilities like the Library and splash pad at the Lake of the Commons. It could also include more general emergency preparedness materials like best practices for storing an emergency supply of water.

The City asked participants what help they needed to cope with the impacts of climate change. The most common suggestions revolved around financial assistance, improving or expanding City services, and information sharing. The City can play a large role in sharing relevant information in a timely manner, particularly in response to extreme weather or emergency events. Religious institutions and community leaders can also help to connect the community to important resources to keep people safe and informed.



In emergencies and extreme weather events, people look to their neighbors, family, and friends for help. Fostering strong relationships between community members and groups within Tualatin, as well as relationships with neighboring communities, is critical to increasing climate resilience in Tualatin.



FIGURE 14: Participants in the Youth-focused climate action workshop in Fall 2022.

## WHAT WE HEARD

Participants in the Youth workshop were very concerned about the wellbeing of those most vulnerable to extreme weather and what they need to cope and survive. Participants were eager to help each other and create community systems of support. Several participants were interested in working with the City to implement portions of the final Climate Action Plan, which could include creating systems for mutual aid and care.

The City acknowledges that barriers, like lack of resources, time, and trust, can impact individuals' abilities to prepare for climate change. It is critical to build trust between the City and communities who have historically been marginalized and underserved. The City currently invests in the Community Emergency Response Team (CERT), a group that is dedicated to informing, training, and linking community volunteers and their neighborhoods to more effectively respond when disasters strike. It would be beneficial to use CERT as a model to continue and expand investment in building relationships with trusted leaders from communities who have historically been excluded to increase the likelihood of successful preparedness efforts across the entire Tualatin community.



FIGURE 15: Members of Tualatin's Community Emergency Response Team (CERT), a community group dedicated to informing, training, and linking community volunteers and their neighborhoods to more effectively respond when disasters strike.





### Strategy 2.1

**Increase preparedness and provide resources to help people who live, work, learn, and play in Tualatin better handle extreme heat events**

Extreme heat can lead to heat exhaustion, heat stroke, and other heat-related illnesses, particularly among vulnerable populations such as the elderly, young children, and those with pre-existing medical conditions. The additional stress caused by extreme heat can impact people's safety and well-being by leading to more crime, more human-wildlife interactions, and food spoilage.


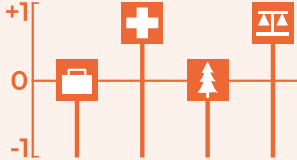

"The heat dome events over the last few years have shown us that the increased stress caused by extreme heat events often result in an increase in emergency response calls. As police, we recognize the importance of implementing strategies to help community members and officers stay safe during these events."

*- Greg Pickering, Tualatin Police Chief*

Extreme heat also increases the demand for air conditioning and other forms of cooling, leading to increased energy use and carbon emissions.



FIGURE 16: Community members cooling off at the splash pad at the Lake of the Commons.

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|---|---|---|---|---|---|
| <p><b>2.1.1 Update Rental Housing Maintenance Standards (TMC 6-13-040) to include standards for adequate cooling.</b> As of June 2023, TMC 6-13-040 states that, “There shall be a permanently installed heat source with the ability to provide a room temperature of 68 degrees Fahrenheit three feet above the floor, measured in the approximate center of the room, in all habitable rooms.” For example, City of Tempe, AZ’s code (Section 21-34) states that, “Every rental housing unit shall have cooling, under the tenant’s control, capable of safely cooling all habitable rooms, bathrooms and flush toilet rooms located therein to a temperature no greater than 88 degrees, if cooled by evaporative cooling, or 82 degrees, if cooled by air conditioning.”</p> | <p><b>STAKEHOLDER</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development Department</li> </ul> <p><b>PLANNING/POLICY DOCUMENT</b></p> <ul style="list-style-type: none"> <li>• Tualatin Municipal Code 6-13-040</li> </ul> |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <ul style="list-style-type: none"> <li>• Neighborhoods</li> <li>• Environmental</li> </ul> |  |  |

## Key



MITIGATION ACTIONS



ADAPTATION ACTIONS



SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



JOBS



HEALTH & SAFETY



ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)




























| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE | CHARACTERISTICS  | CO-BENEFITS | POLICY DECISION |
|--|---|-----------|--|-------------|-----------------|
| <p><b>2.1.3 Provide safe and reliable indoor shelters for Tualatin's unhoused population during extreme weather events, including extreme heat, freezing temperatures, and hazardous air quality due to wildfire smoke.</b> Unique considerations for offering shelter to the unhoused include building type, hours of operation, transportation, communication methods, and availability of cots or beds. Shelters must be equipped with adequate air filtration and places to charge phones and devices. Consider options to allow pets at indoor shelters in extreme weather events. This action supports Strategies 2.2 and 2.3.</p> | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• Washington County Homeless Services</li> <li>• Washington County Emergency Management</li> <li>• City of Tigard</li> </ul>                        |           | <p>M A S</p> <p>• Inclusive Community<br/>• Gathering Places</p> |             |                 |
| <p><b>2.1.4 Share information about available shelters in anticipation of and during extreme weather events, including extreme heat, freezing temperatures, and hazardous air quality due to wildfire smoke.</b> Information should be shared through a variety of communications methods (e.g. social media, website, physical flyers, etc.) and should be available in both English and Spanish. This action supports Strategies 2.2 and 2.3.</p>  |   |           | <p>M A S</p> <p>• Inclusive Community<br/>• Gathering Places</p> |             |                 |
| <p><b>2.1.5 Promote programs that provide low or no-cost air conditioners to residents in need.</b> Target outreach towards low-income residents, people with disabilities, elderly people, and other vulnerable populations.</p>  | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• Oregon Housing and Community Services</li> <li>• Oregon Health Authority</li> <li>• Oregon Department of Energy</li> <li>• Care Oregon</li> </ul> |           | <p>M A S</p> <p>• Inclusive Community</p>                        |             |                 |



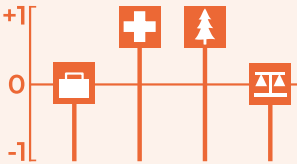






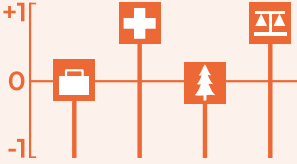
#### Key

|                             |                             |                                |                        |                      |                     |                                     |                      |
|-----------------------------|-----------------------------|--------------------------------|------------------------|----------------------|---------------------|-------------------------------------|----------------------|
| <b>M</b> MITIGATION ACTIONS | <b>A</b> ADAPTATION ACTIONS | <b>S</b> SEQUESTRATION ACTIONS | IMPLEMENT              | CONVENE              | SUPPORT/ADVOCATE    | QUICK START<br>0-5 YRS              | YES, POLICY DECISION |
| JOBS                        | HEALTH & SAFETY             | ECOSYSTEM & WILDLIFE HEALTH    | OPPORTUNITY FOR EQUITY | COMMUNITY ACCEPTANCE | 6-10 YRS<br>10+ YRS | ALIGNMENT WITH COUNCIL VISION (0-7) |                      |

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION |
|---|--|---|---|---|-----------------|
| <b>2.1.6 Promote assistance programs that help residents pay electricity bills to cover the increased need for cooling (or heating, during winter storms) their homes.</b> PGE offers resources like payment plans, payment extensions, bill due date changes, and an income-qualified bill discount program. | <b>PROGRAMS</b> <ul style="list-style-type: none"> <li>• PGE's Income-Qualified Bill Discount</li> <li>• Low-Income Home Energy Assistance Program (LIHEAP)</li> <li>• Oregon Energy Assistance Program (OEAP)</li> </ul> <p>Washington County residents seeking financial assistance can apply for LIHEAP and/or OEAP via Community Action.</p> <p>Clackamas County residents seeking assistance can apply via Clackamas County Social Services or St. Vincent de Paul.</p> |   | <div>M A S</div>   <ul style="list-style-type: none"> <li>• Inclusive Community</li> </ul>  |     |                 |
| <b>2.1.7 Promote program options for providing financial assistance to weatherize homes for low-income residents,</b> particularly those who live in dwellings with fewer shared walls (i.e. mobile homes, trailers, or single family homes).   | <b>STAKEHOLDER</b> <ul style="list-style-type: none"> <li>• Energy Trust of Oregon</li> </ul>  |   | <div>M A S</div>   <ul style="list-style-type: none"> <li>• Inclusive Community</li> <li>• Environmental</li> </ul>                           |     |                 |
| <b>2.1.8 Provide information and education on which energy-saving improvements (like heat pumps) people can prioritize to reduce the costs of cooling.</b> Heat pumps can also be used for low-emissions heating of buildings, so this action also supports Strategy 2.3.                                     | <b>STAKEHOLDER</b> <ul style="list-style-type: none"> <li>• Energy Trust of Oregon</li> </ul>  |   | <div>M A S</div>   <ul style="list-style-type: none"> <li>• Inclusive Community</li> <li>• Neighborhoods</li> <li>• Environmental</li> </ul> |     |                 |

## Key

|   |   |   |   |  |  |   |   |
|---|---|---|---|--|--|---|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT              |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START<br> 0-5 YRS<br> 6-10 YRS<br> 10+ YRS |  YES, POLICY DECISION<br> ALIGNMENT WITH COUNCIL VISION (0-7) |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |   |   |

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS  | POLICY DECISION   |
|---|---|---|---|--|---|
| <b>2.1.9 Actively enforce the City's tree codes.</b><br>Private trees are subject to TDC Ch. 33 and street trees are subject to TDC Ch. 74. The City could educate and communicate about tree code requirements and/or "fix it tickets" to encourage retaining and replanting trees. A "fix it ticket" refers to a correctable violation of the code where the fee would be waived once the citation is fixed. This action supports Strategy 5.2. | <b>PLANNING/POLICY DOCUMENT</b><br>• Tualatin Development Code (TDC)  |  | <div> <div>MAS</div> <div>  </div> </div> <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Neighborhoods</li> <li>• Environmental</li> </ul> |   |   |
| <b>2.1.10 Update the City's tree code to retain or increase tree cover.</b> Private trees are subject to TDC Ch. 33 and public trees are subject to TDC Ch. 74.   | <b>PLANNING/POLICY DOCUMENT</b><br>• Tualatin Development Code (TDC)  |  | <div> <div>MAS</div> <div>  </div> </div> <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Neighborhoods</li> <li>• Environmental</li> </ul> |   |  |
| <b>2.1.11 Share emergency preparedness resources in a free, easy-to-access preparedness kit available in English and Spanish.</b> Preparedness information should relate to extreme weather events due to climate change (like extreme heat, wildfire and smoke, and heavy precipitation and flooding) as well as other disasters like earthquakes. This action also supports Strategies 2.2 and 2.3.   | <b>STAKEHOLDERS</b><br>• Community Emergency Response Team (CERT)<br>• Washington County Emergency Management<br>• Clackamas County Disaster Management |  | <div> <div>MAS</div> <div>  </div> </div> <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> </ul>                                     |  |   |

## Key

M

MITIGATION ACTIONS

A

ADAPTATION ACTIONS

S

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE

\* >>>

QUICK START

0-5 YRS

>>>

6-10 YRS

>>>

10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)

JOB

HEALTH & SAFETY

ECOSYSTEM & WILDLIFE HEALTH


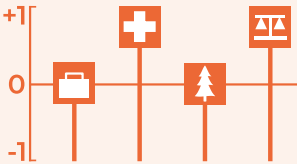

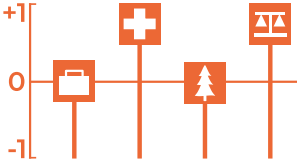


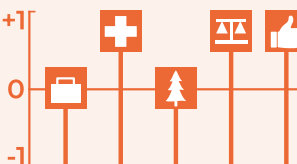


OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE



| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|---|--|---|---|---|---|
| <b>2.1.12 Promote the Energy Trust of Oregon's Landlord Provided Cooling Space Initiative program to provide support for cooling resources at or near multifamily housing properties.</b>   | <b>STAKEHOLDER</b><br>• Energy Trust of Oregon<br><br><b>PROGRAM</b><br>• Landlord Provided Cooling Space Initiative program |  | <div> <div>MAS*</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> </div> <div>           • Inclusive Community<br/>           • Connected, Informed, Engaged         </div> |  |   |
| <b>2.1.13 Incentivize developers to abide by the Oregon Residential Reach Code to ensure adequate cooling in new residential developments.</b> As of August 2021, the Oregon Residential Reach code defines a “conditioned space” as a living space that is kept between 55-85 degrees Fahrenheit.  |  |  | <div> <div>MAS</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> </div> <div>           • Neighborhoods<br/>           • Environmental         </div>                       |  |  |
| <b>2.1.14 Share information about available shelters in anticipation of and during extreme weather events, including extreme heat, freezing temperatures, and hazardous air quality due to wildfire smoke.</b> Information should be shared through a variety of communications methods (e.g. social media, website, physical flyers, etc.) and should be available in both English and Spanish. This action supports Strategies 2.2 and 2.3. |  |  | <div> <div>MAS</div> <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> </div> <div>           • Inclusive Community<br/>           • Gathering Places         </div>              |  |   |

## Key

Key

|   |   |   |   |  |  |   |  |
|---|---|---|---|--|--|---|--|
| <div>M</div> <div>MITIGATION ACTIONS</div>  | <div>A</div> <div>ADAPTATION ACTIONS</div>  | <div>S</div> <div>SEQUESTRATION ACTIONS</div>   | <div></div> <div>IMPLEMENT</div>              | <div></div> <div>CONVENE</div>              | <div></div> <div>SUPPORT/ADVOCATE</div> | <div><div><div>*&gt;&gt;&gt;</div><div>&gt;&gt;&gt;</div><div>&gt;&gt;&gt;</div></div><div>QUICK START</div><div>0-5 YRS</div><div>6-10 YRS</div><div>10+ YRS</div></div> | <div><div><div><div></div><div>✓</div></div><div>YES, POLICY DECISION</div></div><div><div><div></div><div></div></div><div>ALIGNMENT WITH COUNCIL VISION (0-7)</div></div></div> |
| <div></div> <div>JOBS</div> | <div></div> <div>HEALTH &amp; SAFETY</div> | <div></div> <div>ECOSYSTEM &amp; WILDLIFE HEALTH</div> | <div></div> <div>OPPORTUNITY FOR EQUITY</div> | <div></div> <div>COMMUNITY ACCEPTANCE</div> |  |   |  |



## Strategy 2.2

### Increase preparedness and provide resources to help people who live, work, learn, and play in Tualatin better handle more frequent wildfire and smoke events

Wildfire smoke can have significant impacts on human health, particularly for those with respiratory issues or other pre-existing health conditions. The tiny particles and gases in smoke can penetrate deep into the lungs and cause irritation, inflammation, and other negative health effects. Exposure to wildfire smoke can exacerbate asthma and other respiratory illnesses, increase the risk of heart attacks and strokes, and cause coughing, wheezing, and shortness of breath. It can also worsen existing lung and heart conditions, and increase susceptibility to respiratory infections.

Additionally, prolonged exposure to wildfire smoke can have long-term health impacts, including reduced lung function and an increased risk of chronic respiratory diseases. It is essential for individuals living in areas impacted by wildfire smoke to take precautions, such as staying indoors and using air filters or masks, to protect their health.

Wildfire smoke doesn't impact all populations equally, and it can exacerbate existing inequities in health outcomes. Low-income and historically overburdened communities are often disproportionately impacted by wildfires and their smoke, as they are more likely to have fewer resources to evacuate or protect themselves during a wildfire and/or work outside in unfiltered air conditions. In addition, these populations may have higher rates of pre-existing health conditions, making them more vulnerable to the health impacts of smoke.

Addressing the inequitable impacts of wildfire smoke will require a multifaceted approach that includes reducing the risk of wildfires, improving access to healthcare and other resources, and ensuring that vulnerable populations have the support they need to respond to and recover from wildfires and smoke.



FIGURE 17: Photos from the corner of 108th Ave and Herman Rd. Left: During a wildfire smoke event in 2020. Right: On a clear day in May 2023.

# Actions

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS                        | CITY ROLE | CHARACTERISTICS  | CO-BENEFITS | POLICY DECISION |
|---|--|-----------|--|-------------|-----------------|
| <b>2.2.1 As they become available, promote programs that provide low or no-cost masks and HVAC filters and/or air filtration systems to residents in need.</b><br>Target outreach towards low-income residents, people with disabilities, elderly people, and other vulnerable populations. |  |           | <br><br>• Inclusive Community  |             |                 |
| <b>2.2.2 Promote higher standards of air filtration in new builds and renovations to filter out hazardous particles during poor air quality events.</b> Advocate at the state level and consider regulating this through the municipal code.  | <b>STAKEHOLDERS</b><br>• City of Tualatin Community Development Department |           | <br><br>• Inclusive Community<br>• Connected, Informed, Engaged<br>• Economy<br>• Gathering Places |             |                 |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS






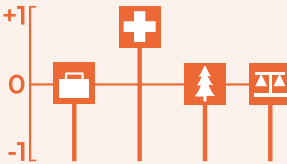




10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION |
|--|--|---|--|---|-----------------|
| <p><b>2.2.3 Amplify existing educational materials about fire and smoke preparedness and resilience.</b> Utilize existing resources such as TVF&amp;R's wildfire preparedness resources and the Oregon Health Authority's recommendations on wildfire smoke and public health. Update the City's website and provide timely information via social media and other channels during fire and smoke events.</p>  | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• Tualatin Valley Fire &amp; Rescue</li> <li>• Oregon Health Authority</li> </ul>                  |  | <p><b>M A S</b> </p> <p></p> <p>• Connected, Informed, Engaged</p> |  |                 |
| <p><b>2.2.4 Amplify existing educational materials from IQAir and the Oregon Health Authority about which building air filters, face masks, and/or respirators are the most effective in filtering out harmful chemicals in wildfire smoke.</b> Share educational materials through standard City Communications channels, and explore other options to get this information to the business community (e.g. include in a Chamber of Commerce newsletter or ask the Business CIO to share it with their members). This action supports Strategy 3.2.</p> | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• Tualatin Chamber of Commerce</li> <li>• Commercial Community Involvement Organization</li> </ul> |  | <p><b>M A S</b> </p> <p></p> <p>• Connected, Informed, Engaged</p> |  |                 |

## Key

|   |   |   |  |  |   |   |  |
|---|---|---|--|--|---|---|--|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE  |  QUICK START<br>0-5 YRS              |  YES, POLICY DECISION |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  6-10 YRS<br> 10+ YRS |  ALIGNMENT WITH COUNCIL VISION (0-7) |  |





## Strategy 2.3

**Increase preparedness and provide resources to help people who live, work, learn, and play in Tualatin better handle the impacts of heavy precipitation events and winter storms**





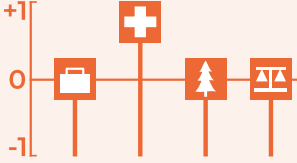



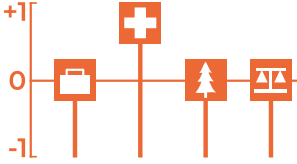
Flooding can have significant impacts on people's health and safety, particularly in the immediate aftermath of a flood. Floodwaters can carry harmful contaminants, such as bacteria, viruses, and chemicals, which can pose a health risk to those exposed to them. Exposure to contaminated floodwaters can cause skin infections, gastrointestinal illness, and respiratory issues. Additionally, floodwaters can hide hazards such as sharp objects, debris, and downed power lines, making it dangerous to walk or drive through flooded areas.

In addition to the immediate health and safety impacts of flooding, there can also be longer-term effects. Floods can lead to the growth of mold and other pathogens, which can cause respiratory issues and other health problems. Floods can also damage water and sanitation systems, leading to a lack of access to clean water and adequate sanitation facilities, which can contribute to the spread of waterborne diseases.

The disruption of daily life brought on by severe flooding can also have mental health impacts, such as stress and anxiety. Tualatin's public transit infrastructure needs to be improved to become better prepared for increased atmospheric river and flooding events. Additionally, it is important to educate and inform community members about flood preparedness, provide material or financial resources to residents, and improve coordination within and between public agencies and utilities.


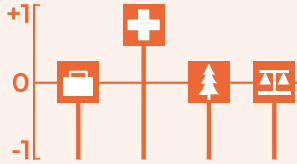

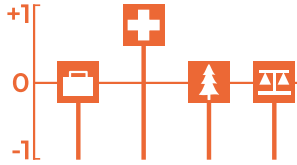

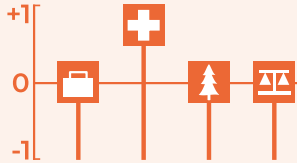


# Actions

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE  | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION |
|---|--|--|---|---|-----------------|
| <b>2.3.1 Improve Tualatin's river level monitoring capabilities.</b> Currently, Public Works staff monitor river levels using data from the Farmington gauge (FRM03), located upstream, and forecast anticipated river levels. The addition of river level forecasting for the river gauge at Community Park would allow for more accurate predictions and a more timely response.                              | <b>STAKEHOLDER</b><br>• National Oceanic and Atmospheric Administration<br><br><b>PLANNING/POLICY DOCUMENT</b><br>• Capital Improvement Plan | <br> | <b>M A S</b> <br><br>• Connected, Informed, Engaged |  |                 |
| <b>2.3.2 Share information at the start of the rainy season each year about the city's free sandbag program to help protect buildings against flooding.</b> Materials should be translated into Spanish and the information should be made available through a variety of communications channels, including but not limited to the City's e-newsletter, social media, and/or flyers in community destinations. | <b>STAKEHOLDERS</b><br>• City of Tualatin Public Works Department  |   | <b>M A S</b> <br>                                   |  |                 |

## Key

|   |   |   |  |  |  |   |   |
|---|---|---|--|--|--|---|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START<br> 0-5 YRS<br> 6-10 YRS<br> 10+ YRS |  YES, POLICY DECISION<br> ALIGNMENT WITH COUNCIL VISION (0-7) |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |   |   |



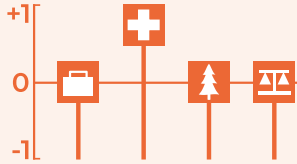



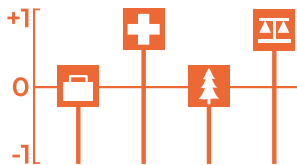


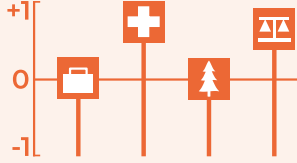
| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION |
|---|---|---|---|---|-----------------|
| <div>IN PROGRESS</div> <div> <p><b>2.3.3 Communicate about the City's flooding emergency response plan to inform community members about what to expect and how to prepare in the event of a major flood.</b> Materials should be translated into Spanish and made available through a variety of communications channels, including (but not limited to) social media, City website, and placing signs near flooded areas to alert people to dangerous areas and detour routes.</p> </div>                                     |   |    | <div> </div> <div> <p>• Connected, Informed, Engaged</p> </div>               |    |                 |
| <div> <p><b>2.3.4 Communicate with community members in advance of and in response to changing conditions during winter storm or flooding events.</b> The City already communicates about the Snow and Ice Response Plan in advance of winter storm events, and road closures due to flooding so that community members are better able to plan their commutes. Build on the work already being done and strive to make communication targeted, proactive, specific about the event taking place, bilingual, and accessible via multiple communications channels.</p> </div> |   |    | <div> </div> <div> <p>• Connected, Informed, Engaged<br/>• Economy</p> </div> |    |                 |
| <div> <p><b>2.3.5 Host a evacuation/reunification planning workshop and/or share resources on how to plan for evacuation and reunification as part of the CERT preparedness fair.</b></p> </div>   | <div> <p><b>STAKEHOLDER</b><br/>• Community Emergency Response Team (CERT)</p> </div> |  | <div> </div> <div> <p>• Connected, Informed, Engaged</p> </div>           |  |                 |

## Key

Key

|   |  |   |   |  |  |   |   |
|---|--|---|---|--|--|---|---|
|  MITIGATION ACTIONS |  ADAPTATION ACTIONS |  SEQUESTRATION ACTIONS       |  IMPLEMENT              |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START |  YES, POLICY DECISION                |
|  JOBS               |  HEALTH & SAFETY    |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |  0-5 YRS     |  ALIGNMENT WITH COUNCIL VISION (0-7) |
|   |  |   |   |  |  |  6-10 YRS    |   |
|   |  |   |   |  |  |  10+ YRS     |   |





















| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE  | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION |
|--|---|--|--|---|-----------------|
| <b>2.3.6 Advocate for Tigard-Tualatin School District to add bus routes to pick students who live within a mile of TTSD schools up during inclement weather events.</b> These areas are not currently served by school buses, which typically requires these students to walk to school in the cold if schools are open during inclement weather events.   | <b>STAKEHOLDER</b><br>• Tigard-Tualatin School District (TTSD)  |   | <div> <div>MAS</div> <div>  </div> </div> • Connected, Informed, Engaged            |  |                 |
| <b>2.3.7 Advocate to TriMet, Ride Connection, and other transit providers to improve public transportation by increasing the frequency of transit service, add more stops, and improve shelter at stops.</b> More frequent and reliable transit service can help people who need or want to use transit feel confident that they will get to where they need to go on time and with less exposure to extreme weather conditions. | <b>PLANNING/POLICY DOCUMENTS</b><br>• Aligns with the Housing Production Strategy 1, recommendation 1.3b: Identify opportunities to increase transit service. | <br> | <div> <div>MAS</div> <div>  </div> </div> • Inclusive Community<br>• Transportation |  |                 |
| <b>2.3.8 Improve access to the sandbag program</b> by delivering bags to high equity needs areas, setting up multiple fill stations, and/or communicating about the program in multiple languages. Consider partnering with CERT to deliver sandbags.  | <b>STAKEHOLDER</b><br>• Community Emergency Response Team (CERT)  |   | <div> <div>MAS</div> <div>  </div> </div> • Inclusive Community                     |  |                 |

## Key



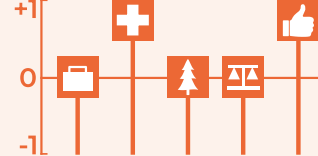




|   |   |   |  |  |  |  |  |
|---|---|---|--|--|--|--|--|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE | <div> <div>* &gt;&gt;&gt;</div> <div>&gt;&gt;&gt;</div> <div>&gt;&gt;&gt;</div> </div> QUICK START<br>0-5 YRS<br>6-10 YRS<br>10+ YRS | <div>  YES, POLICY DECISION           <div>  </div>           ALIGNMENT WITH COUNCIL VISION (0-7)         </div> |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |  |  |



| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE  | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION |
|---|---|--|---|---|-----------------|
| <b>2.3.9 Host a clothing drive</b> to provide blankets and warm winter coats to community members in need during the winter months.   |   | <br> | <div> <div>M</div> <div>A</div> <div>S</div> <div>&gt;&gt;</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>• Inclusive Community</div>                               |       |                 |
| <b>2.3.10 Provide public education about the purpose of and benefits from stormwater facilities at water quality facility sites.</b> Educational strategies could include signage at water quality facilities, classroom visits and presentations, and utilizing existing City communications channels.   | <b>STAKEHOLDER</b><br>• City of Tualatin Community Development and Public Works Departments |   | <div> <div>M</div> <div>A</div> <div>S</div> <div>&gt;&gt;</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>• Connected, Informed, Engaged<br/>• Environmental</div>  |      |                 |
| <b>2.3.11 Quickly restore City services if disruptions occur during and after extreme weather events.</b> Services include clearing roads of snow, ice, and debris, and repairing broken water, sewer, and stormwater system components. Revisit relevant Public Works planning documents to ensure that the City's response plans prioritize restoring services for vulnerable populations, essential goods and services, and major corridors and workplaces. This action supports Strategy 3.3. | <b>STAKEHOLDER</b><br>• City of Tualatin Public Works and Parks Departments                 |   | <div> <div>M</div> <div>A</div> <div>S</div> <div>&gt;&gt;*</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>• Economy<br/>• Transportation<br/>• Neighborhoods</div> |      |                 |

## Key

|   |   |   |  |  |  |  |  |
|---|---|---|--|--|--|--|--|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE | <div> <div>*&gt;&gt;</div> <div>&gt;&gt;</div> <div>&gt;&gt;</div> </div> <div>           QUICK START<br/>           0-5 YRS<br/>           6-10 YRS<br/>           10+ YRS         </div> | <div>  YES, POLICY DECISION         </div> <div>  ALIGNMENT WITH COUNCIL VISION (0-7)         </div> |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |  |  |

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|---|---|---|--|---|---|
| <p><b>2.3.12 Support utilities in quickly restoring power during and after winter storms by removing administrative barriers and streamlining the permitting process.</b> Many of PGE's powerlines exist as overhead powerlines at this time, and therefore are at risk from exposure to extreme weather events. This action also supports Strategy 3.3. Support PGE's efforts to underground powerlines. This supports Strategies 1.1, 1.2, and 1.3.</p>                             | <p><b>STAKEHOLDER</b></p> <ul style="list-style-type: none"> <li>Portland General Electric (PGE)</li> </ul>                   |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <ul style="list-style-type: none"> <li>Economy</li> <li>Transportation</li> <li>Neighborhoods</li> </ul>                        |  |   |
| <p><b>2.3.13 Change City zoning ordinances to regulate development in the 100-year flood plain.</b> As the frequency and intensity of atmospheric river events that lead to flooding occur, the risk of flooding negatively impacting people and property increases. Limiting new development in flood-prone areas can help to reduce the risk of flood damage and safety issues, leading to cost savings (less damage) and safer communities. This action supports Strategy 3.3.</p> | <p><b>STAKEHOLDER</b></p> <ul style="list-style-type: none"> <li>City of Tualatin Community Development Department</li> </ul> |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <ul style="list-style-type: none"> <li>Economy</li> <li>Transportation</li> <li>Neighborhoods</li> <li>Environmental</li> </ul> |  |  |

## Key

Key

|   |  |   |   |   |  |   |   |
|---|--|---|---|---|--|---|---|
|  MITIGATION ACTIONS |  ADAPTATION ACTIONS |  SEQUESTRATION ACTIONS       |  IMPLEMENT              |  CONVENE |  SUPPORT/ADVOCATE     |  QUICK START |  YES, POLICY DECISION                |
|   |  |   |   |   |  |  0-5 YRS     |   |
|   |  |   |   |   |  |  6-10 YRS    |   |
|   |  |   |   |   |  |  10+ YRS     |   |
|  JOBS               |  HEALTH & SAFETY    |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |   |  COMMUNITY ACCEPTANCE |   |  ALIGNMENT WITH COUNCIL VISION (0-7) |

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|--|---|---|--|---|---|
| <p><b>2.3.14 Change City code to enhance flood resilient development in flood-prone areas.</b> Flood resilient development refers to designing and constructing buildings, infrastructure, and communities in a way that minimizes the risk and impact of flooding. It involves implementing measures that enhance the ability of built environments to withstand and recover from flood events, thereby reducing potential damage and disruption. Examples of strategies related to flood resilient development include requiring elevated foundations, conducting floodplain mapping to identify high-risk areas, and investing in green infrastructure and natural flood management practices. This action supports Strategy 3.3.</p> | <p><b>STAKEHOLDER</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development Department</li> </ul> |  | <div> M A S </div> <div>  </div> <ul style="list-style-type: none"> <li>• Economy</li> <li>• Transportation</li> <li>• Neighborhoods</li> </ul> |  |  |

## Key

Key

|   |  |   |   |   |  |   |   |
|---|--|---|---|---|--|---|---|
|  MITIGATION ACTIONS |  ADAPTATION ACTIONS |  SEQUESTRATION ACTIONS       |  IMPLEMENT              |  CONVENE |  SUPPORT/ADVOCATE     |  QUICK START |  YES, POLICY DECISION                |
|   |  |   |   |   |  |  0-5 YRS     |   |
|   |  |   |   |   |  |  6-10 YRS    |   |
|   |  |   |   |   |  |  10+ YRS     |  ALIGNMENT WITH COUNCIL VISION (0-7) |
|  JOBS               |  HEALTH & SAFETY    |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |   |  COMMUNITY ACCEPTANCE |   |   |





## FOCUS AREA 3: ECONOMIC SHIFTS

### Background

Climate change will impact the economic system, including the production of materials, supply chain, businesses, workers, and consumers. A long-term business outreach and engagement plan could build on the business engagement that was conducted during the climate action planning process. This could include an annual Climate Action Fair to highlight green career pathways or other trade programs available, while also sharing timely information about climate hazards and preparedness strategies. Affordable and centrally-located workforce housing will continue to be needed to address an on-going issue of insufficient workforce housing options.

While climate change will disrupt the economic system in many ways, it will also provide new opportunities in the region. For example, as the climate warms, the Pacific Northwest may experience increased agricultural yields and a change in the type of crops that thrive here (Figure 18). This could provide opportunities for increased food processing in Tualatin. The Pacific Northwest will experience population growth, leading to a larger available workforce.

### WHAT WE HEARD

Businesses are still recovering from the impacts of the COVID-19 pandemic and labor shortages, often resulting in minimal capacity for businesses to engage on the topic of climate change as they deal with more pressing operational needs. Business leaders expressed interest in learning more about local climate hazards and convening to proactively plan for climate impacts.



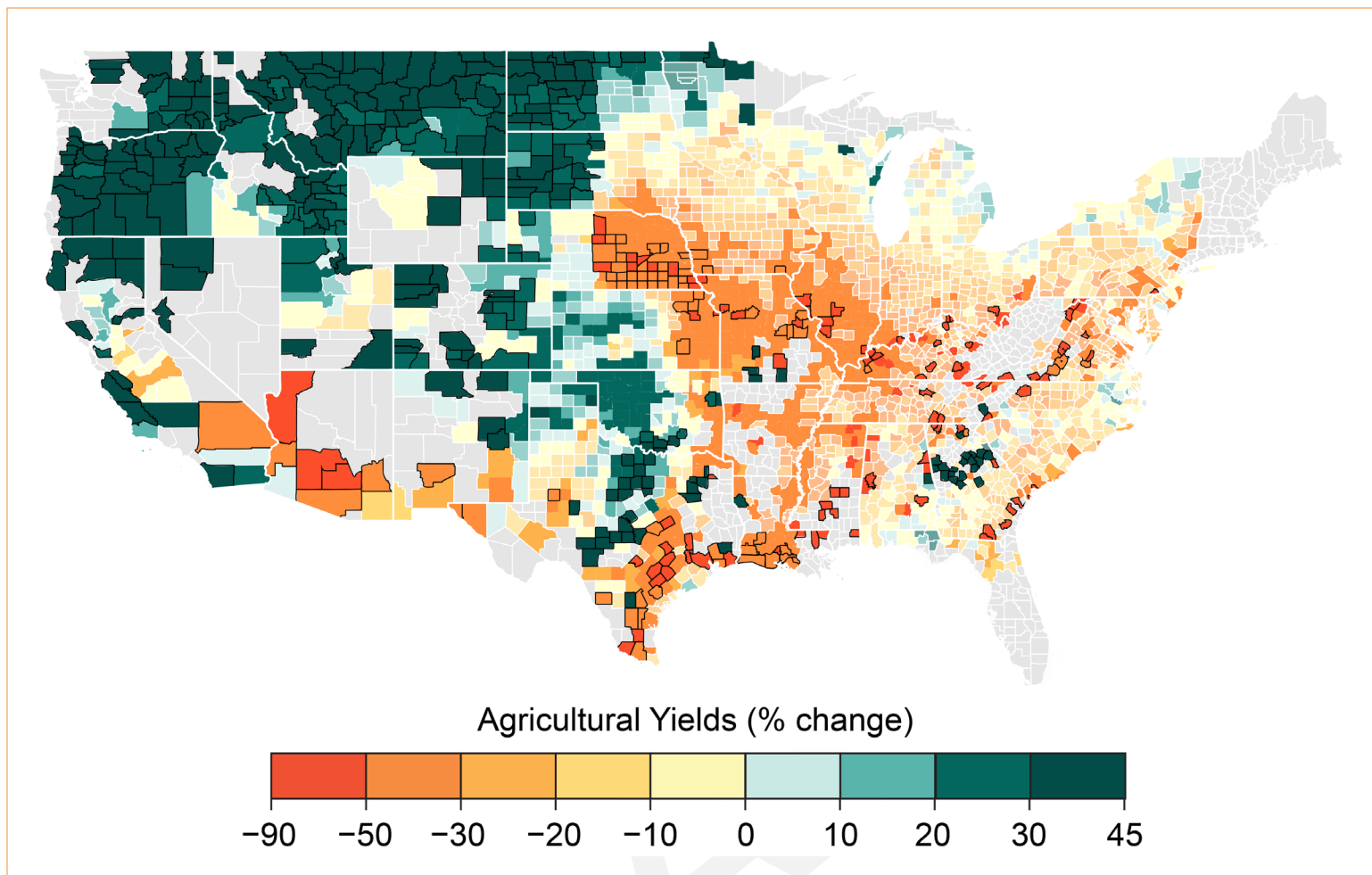


Figure 18: Projected impact of climate change on yields of corn, wheat, soybeans and cotton by the years 2080-2099. Areas where yields are projected to decline (warmer colors) include some of our current important agricultural regions, such as the Corn Belt and California's Central Valley. Agricultural yields are expected to increase in the northwest. Map source: Fourth National Climate Assessment, Figure 7.6 (Source data: Hsiang et al 2017).



Strategy 3.1

Improve the resilience of Tualatin’s businesses and workers to extreme heat

Extreme heat can have various negative impacts on the economy, including damage to infrastructure and equipment that can lead to significant financial losses. More stringent worker protection rules, like OSHA’s heat illness prevention rule, help to protect workers’ health by requiring workers to take more breaks in certain heat conditions. Heat-related illnesses can cause absenteeism and increased healthcare costs. These factors can lead to decreased productivity and increased expenses. Moreover, industries such as manufacturing, construction, and food processing can be negatively impacted by extreme heat, leading to reduced economic activity and revenue. Taking action to prepare for extreme heat is crucial to minimizing its impacts on the economy and reducing the risk of negative heat-related impacts.

However, there are also opportunities for some sectors to benefit from hotter temperatures. In the Willamette Valley, hotter temperatures may result in increased agricultural productivity, which may provide an opportunity for more food production and distribution to occur here.

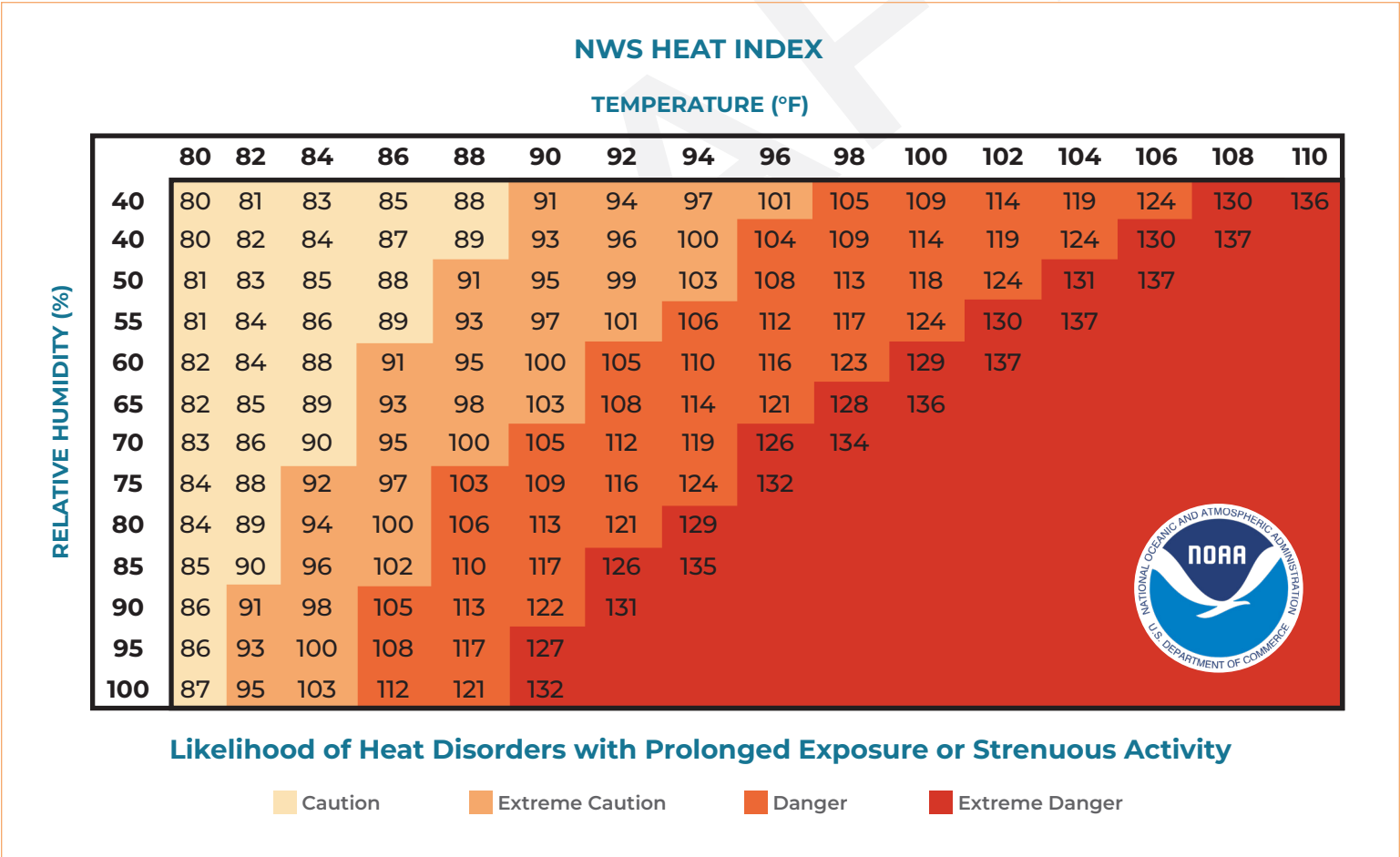


Figure 19: The heat index tells us how hot it might feel outside based on air temperature and humidity. This chart from the National Weather Service shows the likelihood of heat illness occurring with prolonged exposure or strenuous activity under various heat indices.

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS                          | CITY ROLE | CHARACTERISTICS  | CO-BENEFITS | POLICY DECISION |
|--|--|-----------|--|-------------|-----------------|
| <b>3.1.1 Advocate for OSHA to create educational toolkits that employers can use to easily understand and communicate about new OSHA rules related to safely working in extreme heat, poor air quality, and other hazardous climate-related conditions.</b><br>The toolkit should be available in both digital and print formats to improve access. This action also supports strategy 3.2.  | <b>STAKEHOLDER</b><br>• Oregon Occupational Health and Safety Administration |           | <div>M A S &gt;&gt;&gt;</div> <div> </div> <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> <li>• Economy</li> </ul> |             |                 |
| <b>3.1.2 Update development code to require more stringent cooling requirements in commercial and industrial buildings that create a lot of heat, such as food processing, cooking, brewing, drying and curing. To incentivize these changes, the City could consider providing grants (like storefront matching grants) or incentives to encourage retail to have permanent cooling and install awnings on storefronts to increase shade and shelter.</b> |  |           | <div>M A S &gt;&gt;&gt;</div> <div> </div> <ul style="list-style-type: none"> <li>• Economy</li> </ul>   |             |                 |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START



0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



JOBS



HEALTH &amp; SAFETY



ECOSYSTEM &amp; WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE



ALIGNMENT WITH COUNCIL VISION (0-7)



## Strategy 3.2

### Improve the resilience of Tualatin's businesses and workers to handle an increase in fire risk and smoke events

While wildfire risk itself is quite low in most of Tualatin, we will continue to experience the impacts of fires and wildfire smoke that happen in surrounding areas and states. Wildfires and smoke can have significant impacts on businesses and the economy, particularly those that rely on outdoor activities or natural resources. The direct impacts of wildfires, such as the destruction of infrastructure and property, can result in substantial financial losses. The indirect impacts of smoke, such as reduced visibility and health concerns, can cause disruptions in transportation, tourism, and recreation industries, leading to reduced revenue and economic activity. Smoke can also impact agriculture and forestry industries, leading to reduced or damaged crop yields and timber production.

More stringent worker protection rules, like the Occupational Safety and Health Administration's wildfire smoke protection rules, can impact operations by requiring additional monitoring, and communications. Employers are required to provide high-quality masks and/or respirators under severe air quality alert conditions. In addition, the health impacts of smoke can cause absenteeism and increased healthcare costs, leading to decreased productivity and increased expenses for businesses.

The economic impacts of wildfires and smoke can be significant, underscoring the importance of effective management strategies to reduce the risk of wildfires, prepare for smoke events, and minimize impacts of these events on the economy.



# Actions

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS | CITY ROLE | CHARACTERISTICS   | CO-BENEFITS | POLICY DECISION |
|---|---|-----------|-------------------|-------------|-----------------|
| <b>3.2.1 Develop a financial assistance program to help businesses who are forced to reduce operating hours or close due to wildfire or smoke events.</b>   |   |           | <br><br>• Economy |             |                 |
| <b>3.2.2 Work with the business community to better prepare for supply chain disruptions due to fire and smoke events.</b> The business community continues to feel the impacts from the COVID-19 pandemic, labor shortages, and supply chain disruptions. Some members of the business community expressed that they were unprepared to deal with the impacts of supply chain disruptions due to wildfire and smoke events. Building awareness that these events are likely to become more frequent may help the business community to better prepare for future events. | <b>STAKEHOLDER</b><br>• Chamber of Commerce         |           | <br><br>• Economy |             |                 |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH & SAFETY



ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE





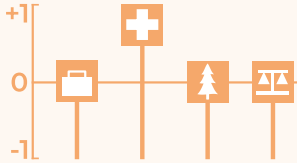


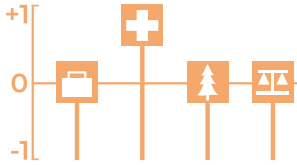
### Strategy 3.3

**Improve the resilience of Tualatin's businesses and workers to handle an increase in heavy precipitation events, flooding, and winter storms**

Extreme precipitation and flooding can have significant impacts on businesses and the economy, particularly those that are located in flood-prone areas. The direct impacts of flooding, such as property damage, destruction of infrastructure, and losing business due to a flooding-related closure can result in substantial financial losses. Floods can also cause supply chain disruptions, impacting businesses that rely on the transportation of goods or services through affected areas. Additionally, the health impacts of flooding, such as the spread of waterborne illnesses and mold, can lead to increased healthcare costs and decreased productivity. The economic impacts of extreme precipitation and flooding can be significant, underscoring the importance of effective preparedness strategies to reduce the risk of flooding and minimize its impacts on the economy.



# Actions

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION |
|--|---|---|--|---|-----------------|
| <b>3.3.1</b> Work with businesses to determine the need for improved external communication in advance of a winter storm or flooding event (e.g. communicate about the City's snow and ice response plan) <b>and in response to changing conditions during a winter storm or flooding event</b> (e.g. any road closures due to flooding), to increase safety and ensure that employees are better able to plan their commutes. |   |  | <div> <div>M A S</div> <div>  </div> </div> <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> <li>• Economy</li> </ul> |  |                 |
| <b>3.2.2</b> Coordinate flood response and preparedness workshops with businesses in downtown area.  | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• Chamber of Commerce</li> <li>• Business CIO</li> <li>• Community Emergency Response Team (CERT)</li> <li>• Core Area Parking District Board</li> </ul> |  | <div> <div>M A S</div> <div>  </div> </div> <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> <li>• Economy</li> </ul> |  |                 |

## Key

M

MITIGATION ACTIONS

A

ADAPTATION ACTIONS

S

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START



0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOB



HEALTH & SAFETY





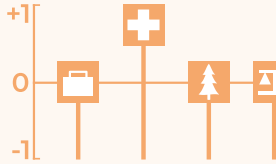



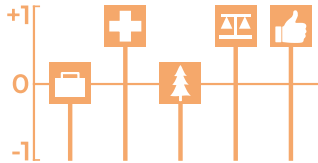



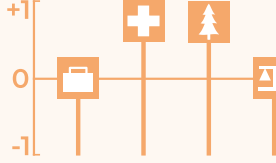
ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS                       | CITY ROLE  | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|--|---|--|--|---|---|
| <b>3.3.3 Improve businesses' access to sandbag program</b> by delivering bags to flood prone areas, setting up multiple fill stations, and/or communicating about the program in multiple languages.   | <b>STAKEHOLDER</b><br>• Community Emergency Response Team (CERT)          |   | <div> <div>MAS</div> <div>  </div> </div> <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> <li>• Economy</li> </ul> |  |   |
| <b>3.3.4 Provide Minority/Women Business Enterprise (MBE/WBE) businesses and small businesses access to alternative power sources, like generators, during power outages.</b> Members of the business community expressed how detrimental power outages can be to their livelihoods and the success of their small businesses. The City could consider purchasing additional generators to have on hand for minority owned and small businesses to 'check out' in the event of a power outage. |   | <br> | <div> <div>MAS</div> <div>  </div> </div> <ul style="list-style-type: none"> <li>• Inclusive Community</li> <li>• Economy</li> </ul>          |  |  |
| <b>3.3.5 Enhance outreach and education through the Private Water Quality Facilities Program.</b>  | <b>STAKEHOLDER</b><br>• City of Tualatin Community Development Department |   | <div> <div>MAS*</div> <div>  </div> </div> <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> </ul>                   |  |   |

## Key

|   |   |   |  |  |   |  |   |
|---|---|---|--|--|---|--|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE  |  QUICK START<br>0-5 YRS |  YES, POLICY DECISION                |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  6-10 YRS<br> 10+ YRS |  |  ALIGNMENT WITH COUNCIL VISION (0-7) |





## SECTION 3

# REDUCING CARBON EMISSIONS



It is crucial to rapidly reduce carbon emissions to address climate change. Section 3 includes an overview of climate science, Tualatin's carbon emissions inventory results, and actions the Tualatin community can take to reduce carbon emissions across four focus areas: buildings and energy, urban form and land use, transportation, and consumption.

Some emissions reduction strategies can have bigger impacts than others. Strategies were analyzed in terms of their carbon emissions reduction potential to help decision-makers and community members identify which strategies are likely to have the most impact. Kickoff opportunity timeframes for the actions that support each strategy were also identified, and were based on the the availability of technology and resources needed to implement each action. To reach Tualatin's emissions reduction goal, it is important to prioritize strategies that have a large carbon emissions reduction impact and can be taken on quickly. Co-benefits are also identified to help decision-makers prioritize which strategies and actions to take on first given capacity and budget constraints.

## CLIMATE 101 – HOW DOES CLIMATE CHANGE HAPPEN?

This section explains the basics of the science behind climate change and how human activity has altered the climate rapidly over a very short time.

### The greenhouse effect

The atmosphere is a thin layer that extends about 7 miles off the surface of earth – or the cruising height of most commercial jets. If the earth were the size of a basketball, the atmosphere would be about the size of a layer of plastic wrap around the ball. Light from the sun passes through the atmosphere. Some of that light is reflected back into space. The rest of the light is trapped as heat within the atmosphere by carbon dioxide and other greenhouse gases, warming the earth and the oceans.

The more carbon dioxide and other greenhouse gases in the atmosphere, the more heat is prevented from escaping the earth and the hotter things get. It should be noted that this is not the same as the ozone layer, which filters out ultraviolet radiation, but does not interact with heat in the same way.

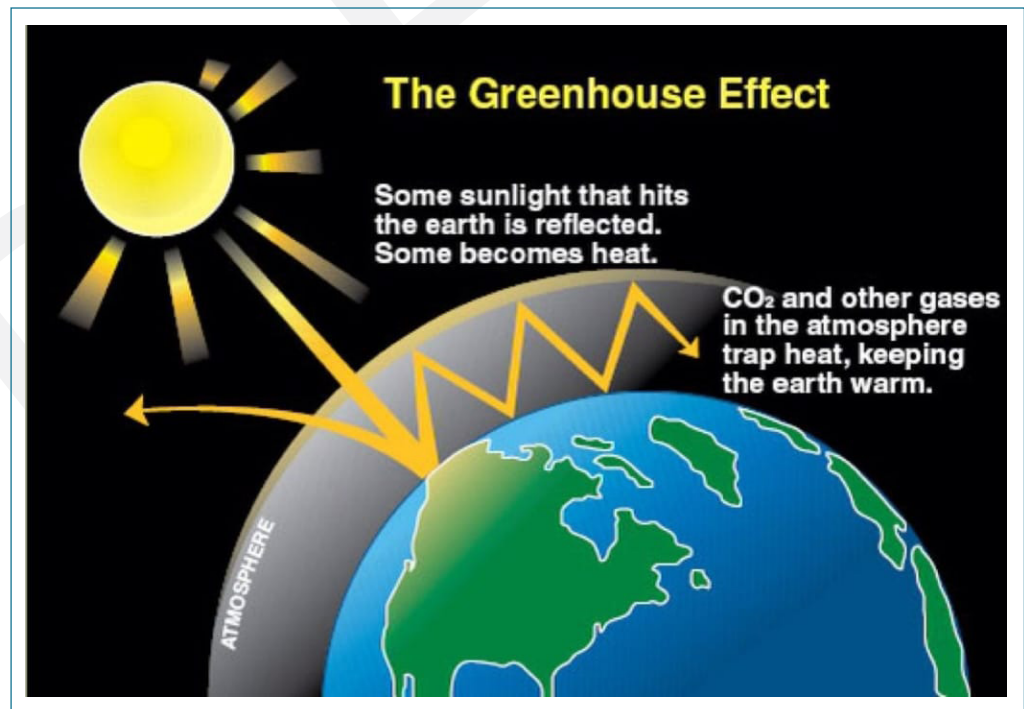


FIGURE 20: The greenhouse effect is a result of carbon dioxide (CO<sub>2</sub>) and other greenhouse gases in the atmosphere trapping heat, which warms the earth over time (note: the atmosphere is not drawn to scale. The atmosphere is far thinner than is depicted here). Figure created by Aaman Kler.

## WHAT ARE GREENHOUSE GAS EMISSIONS, CARBON EMISSIONS, AND CARBON POLLUTION?

**Greenhouse gas emissions** refer to the release of gases into the atmosphere that trap heat and contribute to the greenhouse effect. These gases include carbon dioxide, methane, nitrogen oxides, and fluorinated gases. Human activities such as burning fossil fuels, deforestation, and industrial processes are the primary sources of greenhouse gas emissions.

**Carbon emissions** specifically refer to the release of carbon dioxide (CO<sub>2</sub>) and methane (CH<sub>4</sub>) into the atmosphere. Carbon emissions are a significant contributor to greenhouse gas emissions. These are different than air toxins – which are regulated under the Clean Air Act, but have a local effect.

**Carbon pollution** is another term used to describe the release of carbon dioxide into the atmosphere. It is often used in the context of the negative environmental impacts of carbon emissions, particularly their contribution to climate change.

*This plan uses these three terms interchangeably.*

### Causes of climate change

When coal, oil, gas, diesel or propane are burned, they release carbon that has been trapped underground for millions of years – increasing the concentration of carbon in the atmosphere far beyond the natural balance where the vegetation and oceans can reabsorb it at the same rate. The increase in the use of fossil fuels as the primary energy source since the industrial revolution has increased the concentration of carbon dioxide in the atmosphere quickly (Figure 21), leading to climate change.

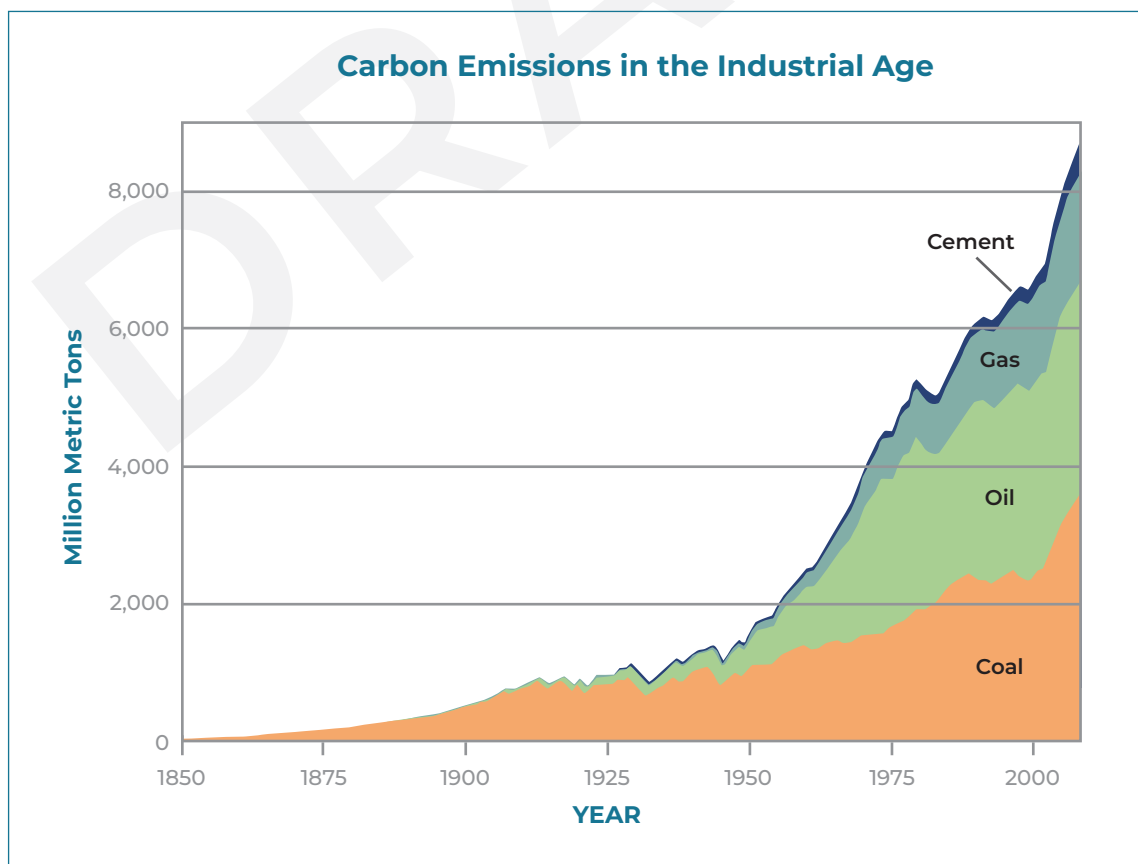


FIGURE 21: Increasing use of fossil fuels since the mid-19th century.

With dramatically more people burning fossil fuels, our atmosphere is rapidly filling with carbon pollution (Figure 22). The addition of carbon to the atmosphere is outpacing the ability of plants and trees to grow and reabsorb it. The imbalance between emissions and the natural carbon cycle is increasing the concentrations of carbon in the atmosphere and increasing the earth's temperature via the greenhouse effect. These carbon emissions are in a feedback loop with the increase in human population making climate change accelerate with population growth.

That said, per person emissions are not the same across the world. The average person in a developing nation will have a carbon footprint that is roughly 5% of an average person born and raised in a developed nation where wealth and consumption are higher, which yield more carbon emissions (Figure 23).

To learn more about the science behind climate change, see Appendix 1: Climate 101 Technical Reader.

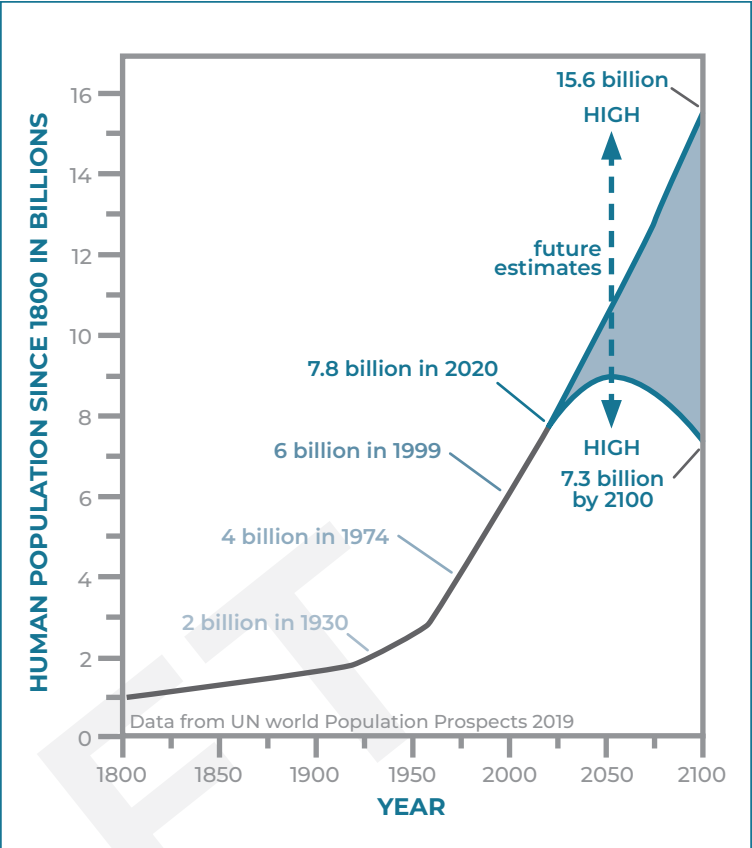


FIGURE 22: Increasing human population since the 19th century. Figure from Wikimedia Commons.

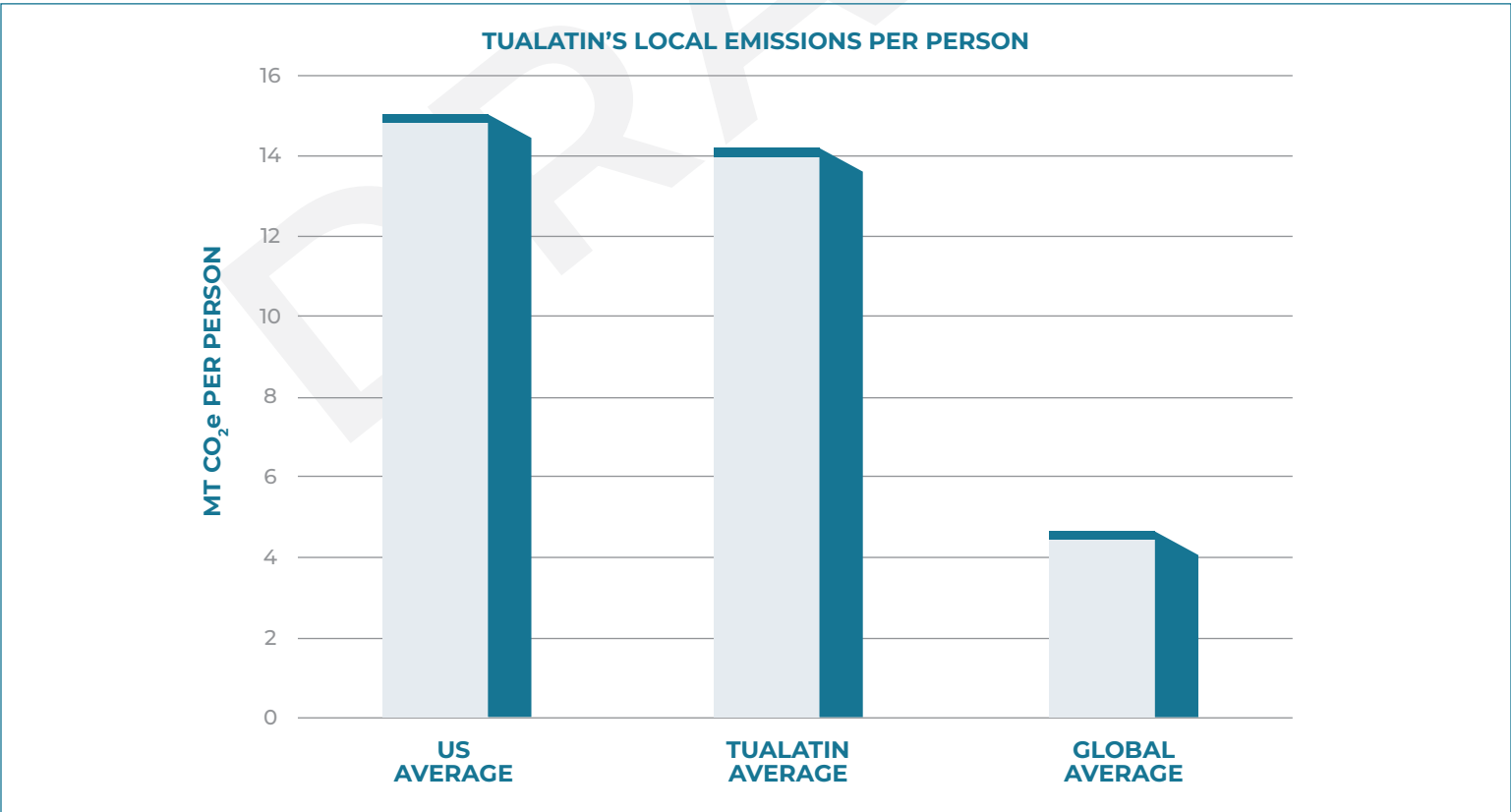


FIGURE 23: In 2019, the Tualatin community generated nearly 386,000 MT CO<sub>2</sub>e of local emissions – about 14.2 MT CO<sub>2</sub>e per resident. This is less than the U.S. average of 15.2 MT CO<sub>2</sub>e per person and considerably greater than global average of 4.5 MT CO<sub>2</sub>e per person. The term “local emissions” refers to emissions produced within the city limits from activities like heating or cooling buildings and driving cars.



## Science-based goal

Tualatin knows that it is crucial to rapidly reduce carbon emissions to address climate change. Our emissions reduction goal is net zero by 2050, which is consistent with limiting planetary warming to 1.5 degrees Celsius. This goal was selected by the Climate Action Plan Steering Committee for a few reasons.

- If achieved in developed nations, this target prevents us from going over a planetary “tipping point” of no return (1.5 degrees Celsius), which will dramatically increase the impacts of climate change with potentially catastrophic consequences
- This target is the goal of the 2015 Paris Climate Agreement – the globally recognized standard for safety and well-being
- As a member of the Climate Mayors group, Mayor Bubenik signed a letter in 2017, alongside 465 other mayors from across the U.S., in support of upholding the Paris Climate Agreement target
- This target most commonly adopted by other cities who have completed climate action plans

For these reasons, this was the recommendation from the City’s consultant and was agreed upon by our Climate Action Plan Steering Committee, consisting of two City Councilors and eight staff from five departments across the City that the plan set the roadmap to achieve net zero by 2050.

By switching to carbon-free electricity and fuels and employing strategies such as carbon sequestration to draw down the carbon pollution in the atmosphere, we can avoid the worst effects of climate change. If we act now, we can improve our quality of life now, and preserve our future.

### TUALATIN’S CLIMATE GOAL:

**Achieve net zero carbon emissions by 2050 to reduce Tualatin’s contribution to climate change and limit the impacts of global warming.**

A goal of “net zero” carbon emissions means that the city aims to achieve a balance between the amount of greenhouse gas emissions it produces and the amount of greenhouse gas emissions it removes from the atmosphere.

This is typically done by reducing emissions through various strategies such as transitioning to renewable energy, improving energy efficiency in buildings, promoting sustainable transportation using carbon free or human powered energy, and reducing overproduction and waste, among other measures. Any remaining emissions can then be offset by activities that remove carbon dioxide from the atmosphere, such as reforestation or carbon capture and storage.

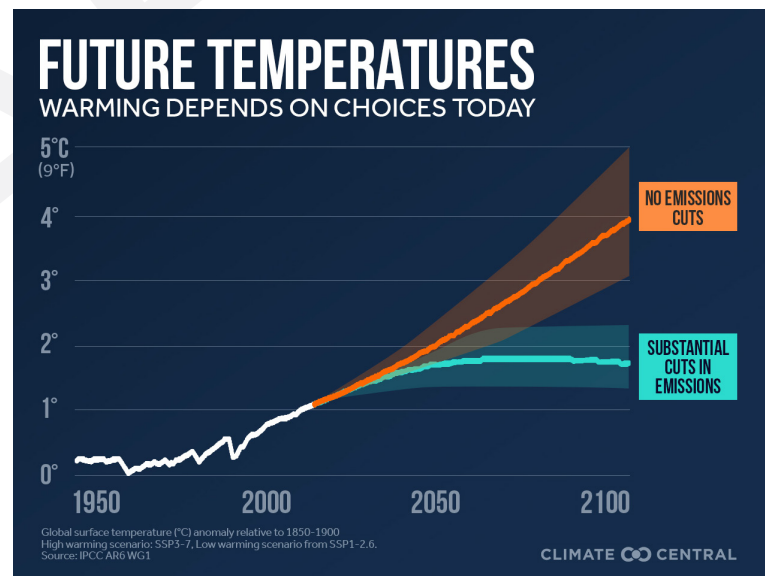


FIGURE 24: Climate action can lead to a better future. Graphic from Climate Central.

# TUALATIN'S CARBON FOOTPRINT

The City of Tualatin completed a Community Greenhouse Gas Inventory to better understand sources of greenhouse gas emissions (i.e., climate pollution) to inform development of a community climate action plan. The inventory follows internationally recognized community greenhouse gas inventory protocols and accounts for all significant sources of greenhouse gas emissions driven by activities taking place within the City of Tualatin's geographic boundary (local emissions). Beyond protocol requirements, the inventory also measures consumption-based emissions (imported emissions).

## Emissions inventory results

In 2019, Tualatin's local and imported emissions totaled nearly 677,000 metric tonnes of carbon dioxide equivalents (MT CO<sub>2</sub>e).

The City of Tualatin's 2019 Community Greenhouse Gas Inventory includes the following emissions sources: building energy, transportation energy, waste and wastewater emissions, industrial processes and refrigerants, agriculture, forestry, land use, and consumption-based emissions.

Tualatin's largest source of local emissions is the building energy sector (42%), which includes emissions from electricity and natural gas, followed by transportation emissions (12%) from the burning of gasoline and traditional diesel. The largest sources of imported emissions in Tualatin are emissions from goods production (15%) like furniture and clothing, food production (13%), and fuel production (12%). Figure 25 shows Tualatin's emissions break down by sector.

### LOCAL VS. IMPORTED EMISSIONS

**Local emissions** come from activities that take place within City limits, like heating and cooling buildings, cooking food, driving cars, disposing of waste, industrial processes like manufacturing, and leaked refrigerants from appliances that help to keep people and food cool.

**Imported emissions** come from things that are made outside of the city's geographic boundary but benefit the people within the geographic boundary who use those items or services. This includes things like the production of food and goods, and air travel.

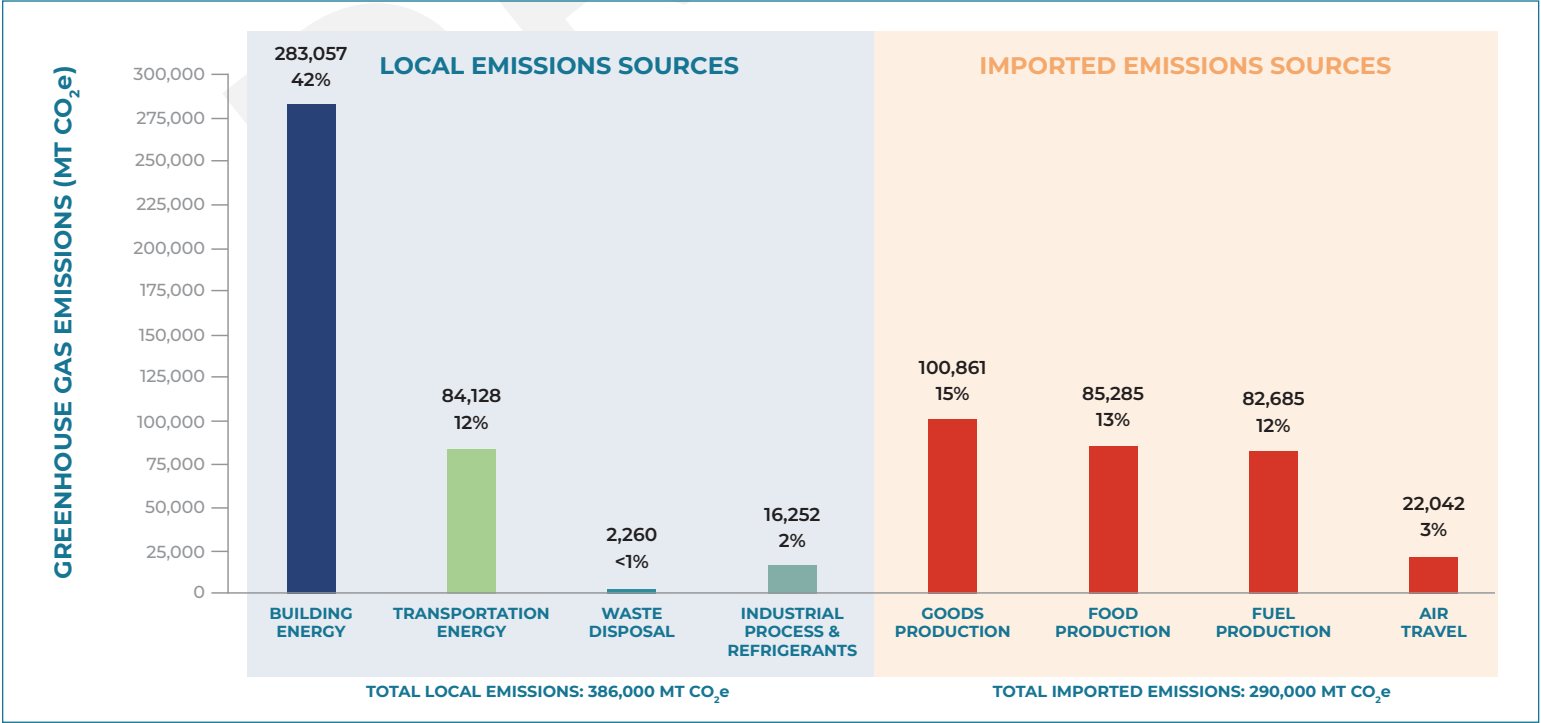


FIGURE 25: Tualatin's emissions sources

Emissions forecast

Local emissions in Tualatin are expected to decrease over time, primarily thanks to strong climate regulations from the State of Oregon in the stationary energy sector, which includes electricity generation and natural gas use. While emissions are estimated to decrease by 80% in 2050 compared to 2019 local emissions without additional mitigation actions, that is still not enough to hit our target of 100% greenhouse gas emissions mitigation to limit global warming to 1.5°C. The Climate Action Plan includes the additional strategies and actions that provide our best chance at reaching our ambitious goal of net zero by 2050.

Figure 26 shows forecasted emissions by sector (colored wedges) as compared to forecasted growth based on population growth only (solid red line) and the Paris Accord 1.5 degrees Celsius warming goal of net-zero emissions by 2050 (black dotted line). Tualatin will need to take further action to decrease emissions, primarily from transportation, but also from industrial processes and refrigerants, waste processing, and building energy to meet its goal of net zero by 2050.

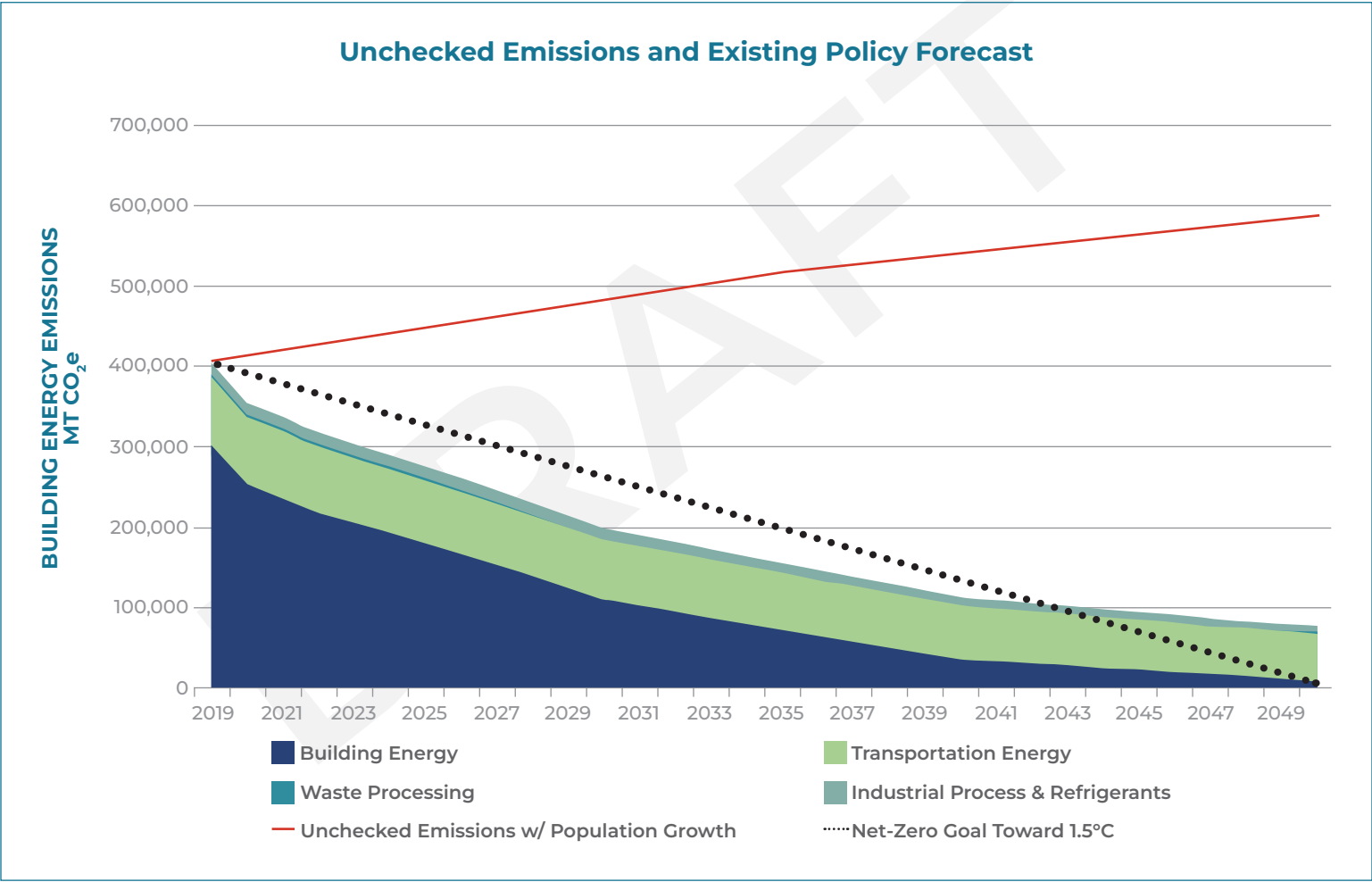


FIGURE 26: Tualatin’s unchecked emissions forecast (solid red line, population growth with no policy interventions) with forecasted emissions based on existing state and federal policy, and a net-zero by 2050 trajectory (black dotted line). This graph tells us that Tualatin will need to take additional action to decrease emissions and meet its goal of net zero by 2050.

# SECTION THREE: STRATEGIES AND ACTIONS

The Reducing Carbon Emissions section includes four focus areas and identifies strategies and actions the Tualatin community could pursue in order to meet its goal of reducing carbon emissions to net zero by 2050.

Some of these strategies were analyzed in terms of their emissions reduction potential (MT CO<sub>2</sub>e) and their cost per MT CO<sub>2</sub>e to help decision makers better understand the impacts and costs of different strategies. These strategies were analyzed because they have proven to be high-impact strategies in other communities taking climate action and/or because the data was available to complete the analysis. This is not to suggest that the strategies that were not analyzed are not important – all strategies and actions that lead to emissions reduction are valuable efforts towards reducing emissions—but with limited resources and time, it is critical to understand where to direct our efforts.



## FOCUS AREA 4 BUILDINGS AND ENERGY

|              |  |            |
|--------------|--|------------|
| STRATEGY 4.1 | Energy efficiency and conservation                                       | 11 Actions |
| STRATEGY 4.2 | Transition to 100% carbon-free electricity supply                        | 4 Actions  |
| STRATEGY 4.3 | Transition to 100% renewable natural gas (RNG) and clean hydrogen supply | 4 Actions  |
| STRATEGY 4.4 | Electrification of space and water heating for new buildings             | 2 Actions  |
| STRATEGY 4.5 | Electrification of space and water heating for existing buildings        | 4 Actions  |
| STRATEGY 4.6 | Voluntary purchase of verified carbon offsets                            | 3 Actions  |



## FOCUS AREA 5 URBAN FORM AND LAND USE

|              |   |           |
|--------------|---|-----------|
| STRATEGY 5.1 | Dense future development resulting in reduced future vehicle miles traveled | 7 Actions |
| STRATEGY 5.2 | Urban/community forestry & carbon sequestration                             | 7 Actions |





## FOCUS AREA 6 TRANSPORTATION – MODES AND FUEL SWITCHING

|                     |  |            |
|---------------------|--|------------|
| <b>STRATEGY 6.1</b> | Fuel switching - Electric vehicles (EVs), renewable diesel, biodiesel, ethanol and other low-emissions fuels | 10 Actions |
| <b>STRATEGY 6.2</b> | Active transportation to reduce car miles and fossil fuel (gasoline) use                                     | 10 Actions |
| <b>STRATEGY 6.3</b> | Transit transportation to reduce car miles and fossil fuel (gasoline) use                                    | 4 Actions  |
| <b>STRATEGY 6.4</b> | Remote work options to reduce car miles and fossil fuel (gasoline) use                                       | 2 Actions  |



## FOCUS AREA 7 CONSUMPTION – FOOD AND GOODS

|                     |  |           |
|---------------------|--|-----------|
| <b>STRATEGY 7.1</b> | Landfill diversion of organic materials (composting) | 4 Actions |
| <b>STRATEGY 7.2</b> | Reduce emissions from food                           | 4 Actions |
| <b>STRATEGY 7.3</b> | Reduce emissions from road materials                 | 2 Actions |
| <b>STRATEGY 7.4</b> | Reduce consumption of new materials                  | 5 Actions |
| <b>STRATEGY 7.5</b> | Responsible waste management                         | 4 Actions |
| <b>STRATEGY 7.6</b> | Reduce emissions from landscaping                    | 1 Actions |
| <b>STRATEGY 7.7</b> | Refrigerants Management (AIM Act)                    | 1 Actions |



## FOCUS AREA 4: BUILDINGS AND ENERGY

### Background

Carbon emissions from the buildings and energy sector come from the combustion of natural gas and from electricity generated from fossil fuels to heat water and power buildings. Building energy use by residential, commercial, and industrial buildings and facilities represents a large source (283,057 MT CO<sub>2</sub>e, or 42%) of community emissions. Small quantities of combusted propane and other fuels are also included. Additionally, a fraction of natural gas is lost due to leaks during local distribution; natural gas (aka methane) is also a greenhouse gas, and is 25 times more potent than CO<sub>2</sub>.

Electricity use in commercial buildings makes up the largest portion of carbon emissions from the buildings and energy sector. However, electricity use in residential and industrial buildings and natural gas use in all buildings also contribute to Tualatin's building emissions (Figure 27).

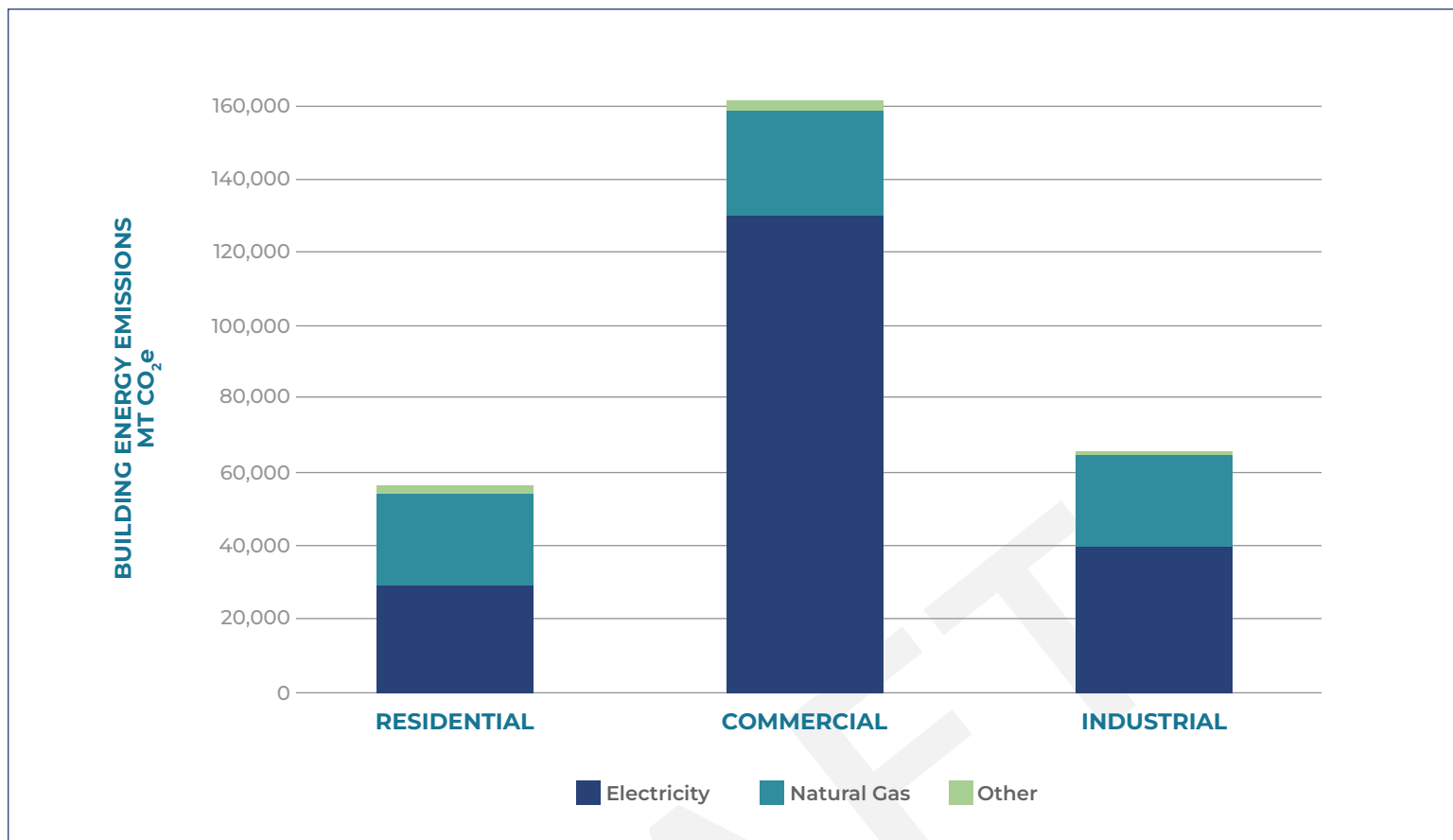


FIGURE 27: Building energy by type and energy source.


## Strategies & actions

Tualatin has identified the following strategies and actions to reduce carbon emissions from the building and energy sector. Combined, these strategies could help Tualatin reduce its carbon footprint by about 9.6 million MT CO<sub>2</sub>e, or by 78%.



## Strategy 4.1 // Energy efficiency and conservation

The energy efficiency and conservation strategy is estimated to avoid 1,530,000 MT CO<sub>2</sub>e. It is a cost neutral strategy since up-front investments in energy efficiency and conservation tend to result in energy savings over time.

| STRATEGY | GHG BENEFIT (MT CO <sub>2</sub> e AVOIDED)  | COST PER MT CO <sub>2</sub> e REDUCED |
|----------|---|---------------------------------------|
| 4.1      | <br>LOW MED HIGH | \$ cost neutral<br>(-\$10 to \$10/MT) |

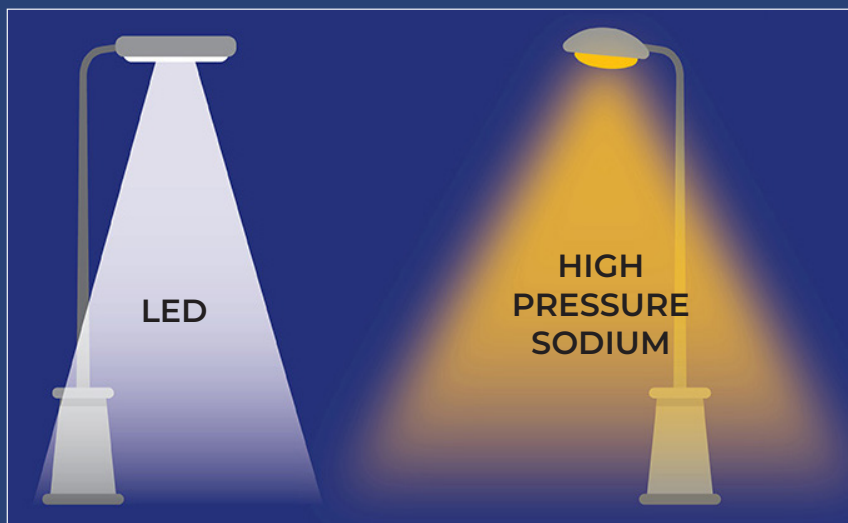
Energy efficiency and conservation refer to practices that reduce the amount of energy needed to perform a specific task or function. Energy efficiency refers to using less energy to perform the same task or produce the same result, while conservation involves reducing overall energy use by avoiding unnecessary energy consumption. Energy efficiency and conservation are important because they help to reduce greenhouse gas emissions by reducing the amount of energy needed – especially if it is fossil energy. In addition to reducing emissions, energy efficiency and conservation can also help to save money and improve air quality.

As Tualatin continues to experience more extreme weather, energy efficiency measures can provide the added benefit of helping people stay comfortable indoors by using less energy to heat or cool buildings.




The Energy Trust of Oregon estimates that 71% of residential customers, 49% of commercial customers, and 62% of industrial customers in Tualatin have participated in an energy efficiency program that has resulted in savings.

### TUALATIN'S LED STREETLIGHT CONVERSION PROGRAM




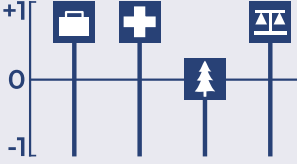



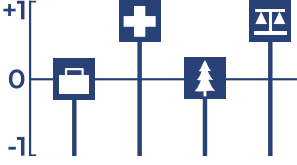

The City of Tualatin is upgrading its streetlights to more energy-efficient, dark sky friendly lights. The project, in coordination with Portland General Electric (PGE), is converting all of the City's streetlights from High-Pressure Sodium (HPS) to Light Emitting Diode (LED) lights. The project began in late 2019 and has resulted in a 58% reduction in average monthly street light energy use and associated costs, saving the city thousands of dollars by significantly reducing its energy use.



#### Key

|   |   |   |                               |   |
|---|---|---|-------------------------------|---|
|  |  |  |                               |   |
| Low (0-399,999 MTCO <sub>2</sub> e)   | Medium (400,000-1,799,999 MTCO <sub>2</sub> e)                                      | High (1,800,000-8,000,000 MTCO <sub>2</sub> e)  |                               |   |
| \$\$\$<br>significant<br>savings (>\$100/MT)  | \$\$<br>savings<br>(\$10-100/MT)  | \$<br>cost neutral<br>(-\$10 to \$10/MT)  | \$\$<br>cost<br>(\$10-100/MT) | \$\$\$<br>significant cost<br>(>\$100/MT) |



| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|---|--|---|---|---|---|
| <b>4.1.1 Upgrade building envelopes, including roofs, walls, windows, doors, and foundations, to improve barriers between exterior and internal environments in buildings and increase efficiency.</b> Examples of building envelope upgrades could include adding insulation, installing draft protection for doors and windows, or installing white or green roofs.   | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development Department</li> <li>• Energy Trust of Oregon (ETO)</li> <li>• Community Action</li> </ul> <b>PROGRAMS</b> <ul style="list-style-type: none"> <li>• ETO Residential Incentives program</li> <li>• ETO Oregon Cash Incentives for businesses program</li> <li>• ETO Strategic Energy Management program</li> </ul> |  | <br><br>• Environmental |  |   |
| <b>4.1.2 Incentivize builders, consumers, and contractors to build to the Oregon Building Codes Division's "Built Energy Smart" residential and commercial reach codes.</b> State Executive Order 20-04 directs state agencies to reduce emissions by at least 45 percent below 1990 emissions levels by 2035 and at least 80 percent below 1990 levels by 2050. As a result, the Oregon Building Codes Division updated the residential and commercial reach codes to provide guidelines on improving energy efficiency, upgrading building envelopes, and supporting electrification. | <b>STAKEHOLDER</b> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development Department</li> </ul> <b>POLICY DOCUMENTS</b> <ul style="list-style-type: none"> <li>• Municipal code</li> <li>• Development code</li> </ul>  |  | <br><br>• Environmental |  |  |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH &amp; SAFETY






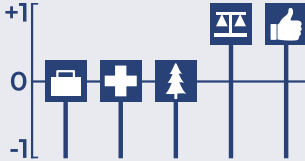




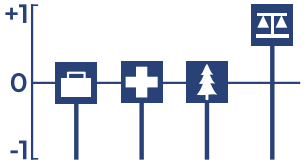









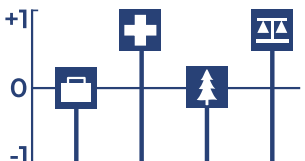

ECOSYSTEM &amp; WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY


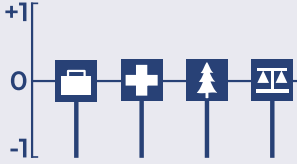


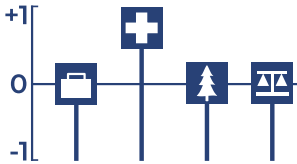

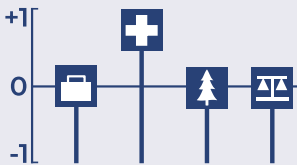



COMMUNITY ACCEPTANCE

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|--|---|---|---|---|---|
| <b>4.1.3 Replace high-pressure sodium (HPS) lightbulbs with light-emitting diode (LED) bulbs.</b> LED bulbs last longer and are significantly more energy efficient than HPS bulbs.  | <b>STAKEHOLDER</b><br>• Energy Trust of Oregon (ETO)<br><br><b>PROGRAMS</b><br>• ETO Lighting Incentives for residents<br>• ETO Business Lighting trade ally program for businesses |    | <br><br>• Environmental                                   |    |    |
| <b>4.1.4 Replace appliances and electronics with certified energy efficient appliances and electronics, such as EnergyStar-certified appliances.</b>   | <b>STAKEHOLDER</b><br>• Energy Trust of Oregon (ETO)<br><br><b>PROGRAMS</b><br>• ETO DIY Resources + Cash Incentives for residents<br>• ETO Oregon Cash Incentives for businesses   |    | <br><br>• Environmental                                   |    |    |
| <b>4.1.5 Require home energy scores to be completed at point of sale for homes.</b>  | <b>STAKEHOLDERS</b><br>• Energy Trust of Oregon (ETO)   |    | <br><br>• Connected, Informed, Engaged<br>• Environmental |    |    |
| <b>4.1.6 Partner with the Community Energy Project to make the Home Energy Score program available for free to lower income home sellers in Tualatin.</b> This program offers free home energy scores to home sellers at or below 80% median income. | <b>STAKEHOLDER</b><br>• Community Energy Project<br><br><b>PROGRAM</b><br>• Home Energy Score Program   |  | <br><br>• Environmental                               |  |  |

## Key



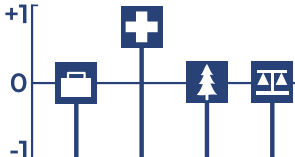


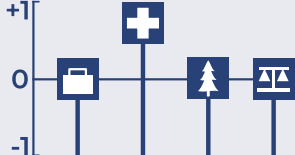
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|---|---|---|--|--|--|---|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START<br> 0-5 YRS<br> 6-10 YRS<br> 10+ YRS |  YES, POLICY DECISION<br> ALIGNMENT WITH COUNCIL VISION (0-7) |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |   |   |

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|--|--|---|---|---|---|
| <b>4.1.7 Establish citywide water conservation program.</b> This program could include incentives for reducing indoor and outdoor water use and community education. Lower water use results in less energy used to pump water throughout the system.  | <b>STAKEHOLDER</b><br>• City of Tualatin Public Works and Finance Departments  |  | <div> <div>M</div> <div>A</div> <div>S</div> <div>&gt;&gt;&gt;</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>• Environmental</div>                     |  |  |
| <b>4.1.8 Enroll in the Strategic Energy Management (SEM) program.</b> SEM provides the tools and education to start saving energy today and continue saving over time. SEM participants learn how their businesses use energy and identify where waste is happening. Program participants have the opportunity to share best practices with a cohort of peers, learn to increase employee engagement and monitor the progress of their energy savings work.    | <b>STAKEHOLDER</b><br>• Energy Trust of Oregon (ETO)<br><br><b>PROGRAM</b><br>• Strategic Energy Management program                                    |  | <div> <div>M</div> <div>A</div> <div>S</div> <div>&gt;&gt;&gt;</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>• Environmental</div>                     |  |   |
| <b>4.1.9 Advocate that the State adopt stronger building codes to require upgraded building envelopes, energy efficiency measures, and other factors needed to support electrification.</b> Oregon Department Of Energy will work with the Building Codes Division to adopt building efficiency goals for 2030 for new residential and commercial construction. Municipalities are required to adopt the Oregon Structural Specialty Code (OSSC) at a minimum. | <b>STAKEHOLDERS</b><br>• City of Tualatin Community Development Department<br>• Oregon Department of Energy (ODOE)<br>• Oregon Building Codes Division |  | <div> <div>M</div> <div>A</div> <div>S</div> <div>&gt;&gt;&gt;</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>• Environmental<br/>• Neighborhoods</div> |  |  |

## Key

Key

|  |  |  |   |   |   |  |  |
|--|--|--|---|---|---|--|--|
| <div>M</div> MITIGATION ACTIONS  | <div>A</div> ADAPTATION ACTIONS  | <div>S</div> SEQUESTRATION ACTIONS   | <div></div> IMPLEMENT             | <div></div> CONVENE              | <div></div> SUPPORT/ADVOCATE | <div></div> QUICK START | <div></div> YES, POLICY DECISION                |
| <div></div> JOB        | <div></div> HEALTH & SAFETY | <div></div> ECOSYSTEM & WILDLIFE HEALTH | <div></div> OPPORTUNITY FOR EQUITY | <div></div> COMMUNITY ACCEPTANCE | <div></div> 0-5 YRS          | <div></div> 6-10 YRS    | <div></div> ALIGNMENT WITH COUNCIL VISION (0-7) |
| <div></div> 10+ YRS |  |  |   |   |   |  |  |

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION |
|---|--|---|---|---|-----------------|
| <p><b>4.1.10 Complete a voluntary home energy assessment or obtain a Home Energy Score to identify ways to improve the energy efficiency, comfort, and health and safety of your home.</b><br/>Home Energy Score systems help homeowners, homebuyers, and renters better understand a home's energy use, and how even small improvements can make a big difference in energy savings.</p> | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• Energy Trust of Oregon (ETO)</li> </ul> <p><b>PROGRAM</b></p> <ul style="list-style-type: none"> <li>• Home Assessment program</li> </ul>  |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <p>• Environmental</p> |  |                 |
| <p><b>4.1.11 Install smart heating, ventilation, and air conditioning (HVAC) controls, such as smart thermostats, in buildings to optimize energy efficiency.</b></p>   | <p><b>STAKEHOLDER</b></p> <ul style="list-style-type: none"> <li>• Energy Trust of Oregon (ETO)</li> </ul> <p><b>PROGRAMS</b></p> <ul style="list-style-type: none"> <li>• ETO Residential Incentives</li> <li>• PGE Smart Thermostat Program and Rebates</li> </ul> |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <p>• Environmental</p> |  |                 |

## Key

Key


|   |   |   |   |   |  |   |   |
|---|---|---|---|---|--|---|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT              |  CONVENE |  SUPPORT/ADVOCATE     |  QUICK START |  YES, POLICY DECISION                |
|   |   |   |   |   |  |  0-5 YRS     |   |
|   |   |   |   |   |  |  6-10 YRS    |   |
|   |   |   |   |   |  |  10+ YRS     |  ALIGNMENT WITH COUNCIL VISION (0-7) |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |   |  COMMUNITY ACCEPTANCE |   |   |





## Strategy 4.2 // Transition to 100% carbon-free electricity supply

The transition to 100% carbon-free electricity supply strategy is the most impactful from an emissions reduction standpoint. It is estimated to avoid 7,881,000 MT CO<sub>2</sub>e. This strategy is predicted to result in a cost of \$10-35/MT CO<sub>2</sub>e reduced because this strategy relies on investment into increasing renewable energy generation from energy sources like wind and solar.

| STRATEGY | GHG BENEFIT (MT CO <sub>2</sub> e AVOIDED)  | COST PER MT CO <sub>2</sub> e REDUCED |
|----------|---|---------------------------------------|
| 4.2      | <br>LOW MED HIGH | <b>\$\$</b> cost<br>(\$10-100/MT)     |

Even though the State of Oregon's Climate Protection Act requires that Portland General Electric (PGE) decrease its emissions to zero by 2040, the Tualatin community can still take meaningful, immediate action to reduce its largest source of emissions: electricity. Residents and businesses in Tualatin can help to support carbon-free energy projects that would not otherwise have funding to get built by purchasing renewable energy credits (RECs). Portland General Electric offers two programs for its customers to purchase RECs and support renewable energy generation in the Pacific Northwest.




- [The Green Future Choice Renewable Power program](#) is available to households and small businesses that choose to enroll for an additional \$7-12 per month
- [The Green Future Enterprise program](#) is available to large commercial and industrial business customers who choose to enroll

### WHAT ARE RENEWABLE ENERGY CREDITS (RECS)?

With the purchase of renewable energy credits, you will not have electricity from a specific generation facility delivered directly to your home, but the amount of electricity you consume will be replaced in the Northwest power grid by renewable resources.

Portland General Electric (PGE) offers renewable energy credits through its Green Future Choice program. This program allows PGE customers to purchase 100% renewable energy that is validated by a third party for \$7-12 extra per month.

#### Key

|   |   |   |
|---|---|---|
|  |  |  |
| Low (0-399,999 MTCO <sub>2</sub> e)   | Medium (400,000-1,799,999 MTCO <sub>2</sub> e)                                      | High (1,800,000-8,000,000 MTCO <sub>2</sub> e)  |
| <b>\$\$\$</b><br>significant<br>savings (>\$100/MT)                                 | <b>\$\$</b><br>savings<br>(\$10-100/MT)   | <b>\$</b><br>cost neutral<br>(-\$10 to \$10/MT)                                       |
|   |   | <b>\$\$</b><br>cost<br>(\$10-100/MT)  |
|   |   | <b>\$\$\$</b><br>significant cost<br>(>\$100/MT)                                      |

# Actions

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE | CHARACTERISTICS  | CO-BENEFITS | POLICY DECISION |
|---|--|-----------|--|-------------|-----------------|
| <b>4.2.1 Participate in the SolSmart program.</b><br>SolSmart is a free program that provides technical assistance to local governments to reduce barriers to installing solar in their communities. The City can earn bronze, silver, or gold designation by meeting a set of criteria.                            | <b>STAKEHOLDER</b><br>• City of Tualatin Community Development Department<br><br><b>PROGRAM</b><br>• SolSmart  |           | <b>M A S</b> >>><br><br>• Neighborhoods<br>• Environmental | <br>        |                 |
| <b>4.2.2 Enroll in PGE's Green Future Choice or Green Future Enterprise Renewable Power program(s)</b> to match 100% of electricity use with renewable energy and help build more renewable energy projects in Oregon.  | <b>STAKEHOLDER</b><br>• Portland General Electric (PGE)<br><br><b>PROGRAMS</b><br>• Green Future Choice (for individual and small business customers)<br>• Green Future Enterprise (for commercial/industrial customers) |           | <b>M A S</b> * >>><br><br>• Environmental                  | <br>        |                 |
| <b>4.2.3 Install rooftop solar.</b> Solar panels typically provide cost savings over time, reduce emissions, and increase grid resiliency. Rebate programs exist to help property owners offset the upfront costs of installing rooftop solar. Request a free quote through Energy Trust of Oregon's Solar Program. | <b>STAKEHOLDERS</b><br>• Oregon Department of Energy (ODOE)<br><br><b>PROGRAM</b><br>• Oregon Solar and Storage Rebate Program   |           | <b>M A S</b> >>><br><br>• Environmental                    | <br>        |                 |

## Key



MITIGATION ACTIONS



ADAPTATION ACTIONS



SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH & SAFETY






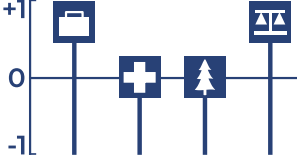
ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION |
|---|---|---|--|---|-----------------|
| <p><b>4.2.4 Enroll in the Oregon Community Solar Program.</b> The Oregon Community Solar Program gives thousands of Oregonians new opportunities to go solar without needing to own a home, have a sunny roof, or make upfront payments. Community Energy Project connects income qualified customers to the program.</p> | <p><b>STAKEHOLDER</b></p> <ul style="list-style-type: none"> <li>• Community Energy Project</li> </ul> <p><b>PROGRAM</b></p> <ul style="list-style-type: none"> <li>• Oregon Community Solar program</li> </ul> |  | <p><b>M A S</b> </p> <p> • Environmental</p> |  |                 |


**Key**

|   |   |   |  |  |  |   |   |
|---|---|---|--|--|--|---|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START<br> 0-5 YRS<br> 6-10 YRS<br> 10+ YRS |  YES, POLICY DECISION<br> ALIGNMENT WITH COUNCIL VISION (0-7) |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |   |   |



## Strategy 4.3 // Transition to 100% renewable natural gas (RNG) and clean hydrogen supply

The transition to 100% renewable natural gas (RNG) and clean hydrogen supply strategy is estimated to avoid 1,704,750 MT CO<sub>2</sub>e. This strategy is estimated to cost \$15-75/MT CO<sub>2</sub>e reduced, in part because supplies of renewable natural gas and clean hydrogen are still limited.

| STRATEGY | GHG BENEFIT (MT CO <sub>2</sub> e AVOIDED)  | COST PER MT CO <sub>2</sub> e REDUCED |
|----------|---|---------------------------------------|
| 4.3      | <br>LOW MED HIGH | <b>\$\$</b> cost<br>(\$10-100/MT)     |

Unlike standard natural gas, which is gathered by drilling and hydraulic fracturing (or “fracking”), renewable natural gas is a carbon-neutral resource produced from local, organic materials like food, dairy, forestry waste, wastewater, or landfills. As these materials decompose, they produce methane. That methane can be captured, conditioned to pipeline quality, and delivered in the existing pipeline system to homes and businesses where it can be used in existing appliances and equipment. This process closes the loop on waste and provides a renewable energy option for the natural gas system, in the same way that wind and solar are used to generate renewable electricity. This gas is currently available in limited quantities, but should be encouraged for use as it becomes more accessible.

Hydrogen fuel holds promise as a climate solution due to its potential to provide clean energy in various sectors. Hydrogen can be produced through a variety of methods, as reflected by the hydrogen “colors” shown in Figure 28. When produced using renewable sources like wind, nuclear, or solar power through a process called electrolysis, hydrogen generates zero greenhouse gas emissions. Green, yellow, and pink hydrogen are produced from renewable sources. The hydrogen can then be used as a versatile energy carrier for applications such as fuel cell vehicles, industrial processes, and energy storage. This can help to reduce reliance on fossil fuels and mitigate climate change by decreasing carbon emissions across multiple sectors of the economy.

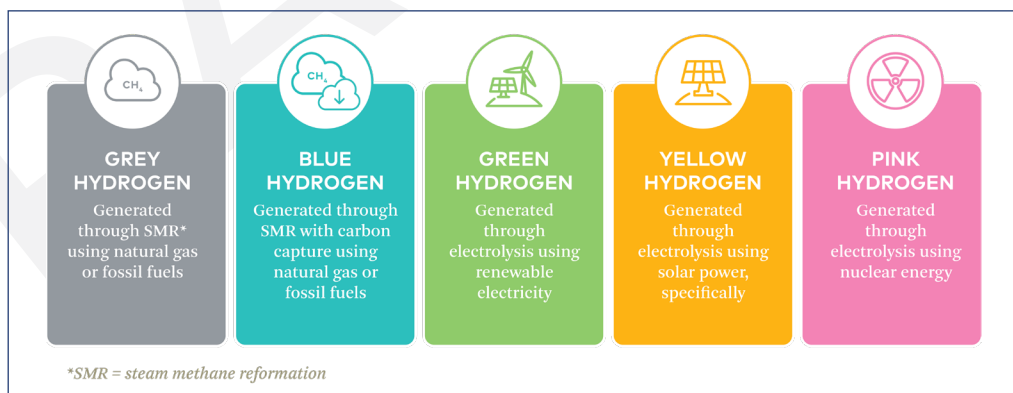







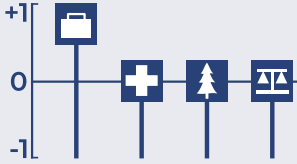


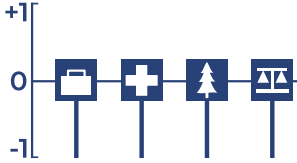
FIGURE 28: Green, yellow, and pink hydrogen are climate-friendly options produced from renewable resources like wind, solar, and nuclear power. Grey and blue hydrogen are less climate-friendly options as they are produced using fossil fuels.

### Key

|  |   |   |
|--|---|---|
| <br>Low (0-399,999 MTCO <sub>2</sub> e) | <br>Medium (400,000-1,799,999 MTCO <sub>2</sub> e) | <br>High (1,800,000-8,000,000 MTCO <sub>2</sub> e) |
| <b>\$\$\$</b><br>significant savings (>\$100/MT)   | <b>\$</b><br>cost neutral (-\$10 to \$10/MT)  | <b>\$\$\$</b><br>significant cost (>\$100/MT)   |



# Actions

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS  | POLICY DECISION |
|---|--|---|--|--|-----------------|
| <b>4.3.1 Purchase renewable natural gas (RNG) directly from Northwest Natural if available.</b> Senate Bill 98 (SB 98) passed the Oregon legislature in 2019. SB 98 allows for RNG to be distributed system-wide. As of spring 2023, 2-3% of Northwest Natural's natural gas supply comes from RNG sources and SB 98 allows Northwest Natural to increase their purchase of RNG sources by 5% every 5 years. Northwest Natural filed with the Public Utility Commission, and is awaiting a docket date for a RNG tariff that would allow customers to opt-in to purchase additional RNG to cover all or a portion of their usage. | <b>STAKEHOLDER</b><br>• Northwest Natural<br><br><b>PROGRAM</b><br>• Northwest Natural is developing a program |  | <b>M A S</b> >>><br><br>• Environmental |   |                 |
| <b>4.3.2 Advocate for state and federal level financial and political support to increase the number of on-site hydrogen electrolyzers or thermal mass-based resistance boiler retrofits at sites that have large, industrial heat loads.</b> Electrolysis of hydrogen is a promising option for carbon-free hydrogen production from renewable and nuclear resources. Electrolysis is the process of using electricity to split water into hydrogen and oxygen.  | <b>STAKEHOLDER</b><br>• City of Tualatin City Manager's Office, Economic Development                           |  | <b>M A S</b> >>><br><br>• Environmental |  |                 |

## Key



MITIGATION ACTIONS



ADAPTATION ACTIONS



SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH & SAFETY







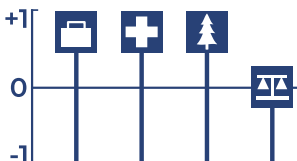
ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION |
|---|--|---|---|---|-----------------|
| <p><b>4.3.3 Advocate for increased production of renewable natural gas (RNG).</b> Existing supplies of RNG are limited. Advocating for increased supply of RNG will help Tualatin offset its emissions from natural gas use.</p>  | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin City Manager's Office</li> <li>• Northwest Natural</li> </ul> |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <p>• Environmental</p> |  |                 |
| <p><b>4.3.4 Advocate for policies to ensure that production, transportation, storage, and use of clean hydrogen is done safely.</b> Clean hydrogen has the potential to reduce emissions in hard-to-decarbonize sectors, increase the reliability of renewable energy, foster innovation, create jobs, and contribute to a sustainable and resilient energy future.</p> | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin City Manager's Office</li> <li>• Northwest Natural</li> </ul> |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <p>• Environmental</p> |  |                 |

M

MITIGATION ACTIONS

A

ADAPTATION ACTIONS

S

SEQUESTRATION ACTIONS

IMPLEMENT

CONVENE

SUPPORT/ADVOCATE

QUICK START

YES, POLICY DECISION

JOB

HEALTH & SAFETY

ECOSYSTEM & WILDLIFE HEALTH

OPPORTUNITY FOR EQUITY

COMMUNITY ACCEPTANCE

0-5 YRS

6-10 YRS


10+ YRS

ALIGNMENT WITH COUNCIL VISION (0-7)



## Strategy 4.4 // Electrification of space and water heating for new buildings

The electrification of space and water heating for new buildings strategy is estimated to be relatively low, avoiding 76,700 MT CO<sub>2</sub>e. This is in part because much of Tualatin is already built out, with minimal space available for new development in 2023. However, this strategy would likely result in cost savings of \$50/MT CO<sub>2</sub>e reduced since it is cheaper to electrify space and water heating from the outset than to retrofit existing systems.

| STRATEGY | GHG BENEFIT (MT CO <sub>2</sub> e AVOIDED)  | COST PER MT CO <sub>2</sub> e REDUCED |
|----------|---|---------------------------------------|
| 4.4      | <br>LOW MED HIGH | \$\$ savings<br>(\$10-100/MT)         |

Electrification refers to the process of replacing non-electric power sources with electricity as the primary source of energy. It involves transitioning from traditional fuel-based systems, such as coal, oil, and gas, to electric power for various applications, including transportation, heating, and industrial processes. By embracing electrification, societies can reduce greenhouse gas emissions, improve energy efficiency, and foster sustainable development.

For new builds, electric appliances are a significant cost saver compared to natural gas heating and separate air conditioning. Electric heat pumps are all-in-one, energy efficient climate control units that are capable of both heating and cooling buildings and can be powered from renewable electricity. As our peak energy demand slowly shifts from a winter and heat demanding load to a summer and cooling demanding load, heat pumps manage the transition without needing to be replaced.

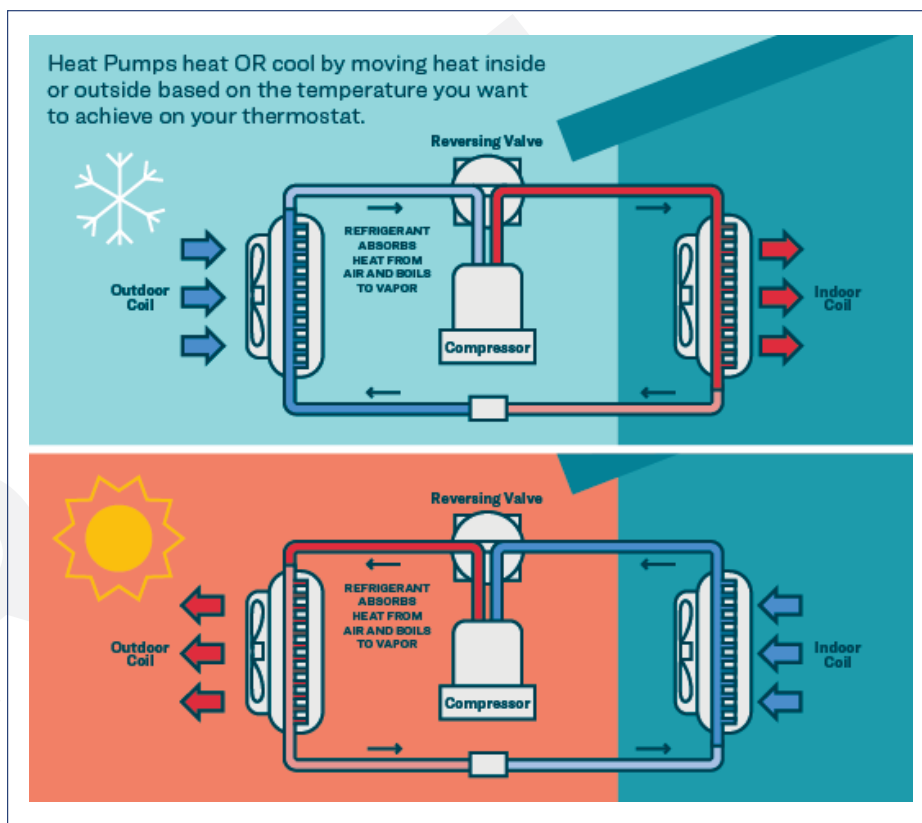






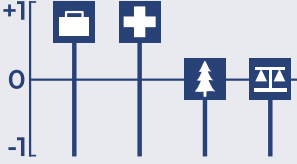



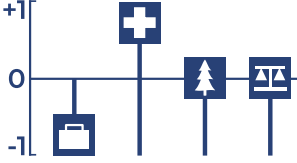



FIGURE 29: Heat pumps are an energy efficient way to heat or cool buildings. Image from the Sierra Club.

### Key

|   |   |   |                            |  |
|---|---|---|----------------------------|--|
|  |  |  |                            |  |
| Low (0-399,999 MTCO <sub>2</sub> e)   | Medium (400,000-1,799,999 MTCO <sub>2</sub> e)                                      | High (1,800,000-8,000,000 MTCO <sub>2</sub> e)  |                            |  |
| \$\$\$<br>significant savings (>\$100/MT)   | \$\$<br>savings (\$10-100/MT)   | \$<br>cost neutral (-\$10 to \$10/MT)   | \$\$<br>cost (\$10-100/MT) | \$\$\$<br>significant cost (>\$100/MT) |

# Actions

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE  | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|--|--|--|---|---|---|
| <b>4.4.1 Require electric water heaters and electric heat pumps in new buildings.</b><br>Electric water heaters and heat pumps are more efficient than gas-powered water heaters and furnaces and can be powered by renewable energy sources instead of fossil fuels.  | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development Department</li> <li>• Energy Trust of Oregon (ETO)</li> <li>• Oregon Department of Energy (ODOE)</li> </ul> <b>PROGRAMS</b> <ul style="list-style-type: none"> <li>• ETO residential and commercial water heater incentives</li> <li>• ODOE Rental Home Heat Pump program</li> </ul> | <br> | <b>M A S</b> >>><br><br>• Neighborhoods<br>• Environmental |  |  |
| <b>4.4.2 Ban natural gas hookups in new single family and commercial buildings.</b> This action only impacts new buildings. Potential benefits of this action include reducing carbon emissions, increasing the energy efficiency of buildings, promoting clean energy sources, and reducing the indoor air quality hazards associated with natural gas stoves. Potential drawbacks of this action include concerns about electrical grid capacity, short-term energy affordability, and reducing energy choice. | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development Department</li> <li>• Northwest Natural</li> </ul>   |   | <b>M A S</b> >>><br><br>• Neighborhoods<br>• Environmental |  |  |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH &amp; SAFETY



ECOSYSTEM &amp; WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY




COMMUNITY ACCEPTANCE





## Strategy 4.5 // Electrification of space and water heating for existing buildings

The electrification of space and water heating for existing buildings strategy is estimated to result in a medium emissions reduction benefit at 708,350 MT CO<sub>2</sub>e. This strategy is estimated to cost up to \$50/MT CO<sub>2</sub>e, due to the fact that it is typically more expensive to retrofit existing systems than it is to electrify from the outset.


| STRATEGY | GHG BENEFIT (MT CO <sub>2</sub> e AVOIDED)  | COST PER MT CO <sub>2</sub> e REDUCED |
|----------|---|---------------------------------------|
| 4.5      | <br>LOW MED HIGH | \$\$ cost<br>(\$10-100/MT)            |


Electrification for existing buildings may be cost prohibitive in the short term. However, substantial savings are expected in the longer-term as equipment prices decrease, natural gas supply costs increase, and additional financial incentives become available through the Oregon Department of Energy (the [Community Heat Pump Deployment Program](#) and the [Oregon Rental Home Heat Pump Program](#)) and the IRS (the [Energy Efficient Home Improvement Credit](#) and the [Residential Clean Energy Property Credit](#)). This is especially likely given the additional need for air conditioning due to hotter summers in the future.




### Key

Key







Low (0-399,999 MTCO<sub>2</sub>e)

Medium (400,000-1,799,999 MTCO<sub>2</sub>e)

High (1,800,000-8,000,000 MTCO<sub>2</sub>e)



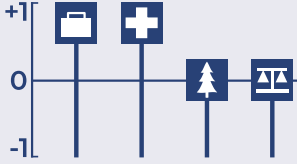



\$\$\$  
significant  
savings (>\$100/MT)

\$\$  
savings  
(\$10-100/MT)

\$  
cost neutral  
(-\$10 to \$10/MT)

\$\$  
cost  
(\$10-100/MT)

\$\$\$  
significant cost  
(>\$100/MT)

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION |
|--|---|---|---|---|-----------------|
| <b>4.5.1 Replace existing gas furnaces with heat pumps to heat and cool homes and buildings.</b> Financial incentives may be available through the Oregon Department of Energy's Community Heat Pump Deployment Program and Oregon Rental Home Heat Pump Program, and through the IRS's Energy Efficient Home Improvement Credit and Residential Clean Energy Property Credit. | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• Northwest Natural</li> <li>• Oregon Department of Energy (ODOE)</li> </ul> <b>PROGRAMS</b> <ul style="list-style-type: none"> <li>• ODOE Community Heat Pump Deployment Program</li> <li>• ODOE Rental Home Heat Pump program</li> </ul>   |  |  |  |                 |
| <b>4.5.2 Replace existing gas water heaters with electric water heaters.</b> Water heating accounts for 20% of the average home's energy use. An energy efficient water heater can save hundreds of dollars per year in energy costs.  | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• Northwest Natural</li> <li>• Oregon Department of Energy (ODOE)</li> <li>• Energy Trust of Oregon (ETO)</li> </ul> <b>PROGRAMS</b> <ul style="list-style-type: none"> <li>• ODOE Community Heat Pump Deployment Program</li> <li>• IRS Energy Efficient Home Improvement Credit</li> <li>• IRS Residential Clean Energy Property Credit</li> </ul> |  |  |  |                 |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH &amp; SAFETY





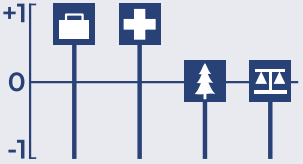



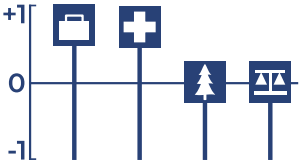

ECOSYSTEM &amp; WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|---|---|---|---|---|---|
| <p><b>4.5.3 Require replacing gas furnaces with heat pumps when they fail.</b> Heat pumps provide both heating and cooling capabilities, are highly energy-efficient, and are more environmentally-friendly option compared to fossil fuel-based furnaces.</p>  | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development Department</li> <li>• Northwest Natural</li> <li>• Energy Trust of Oregon (ETO)</li> <li>• Oregon Department of Energy (ODOE)</li> </ul> <p><b>PROGRAMS</b></p> <ul style="list-style-type: none"> <li>• ETO Heating Solutions Incentives</li> <li>• ODOE Rental Home Heat Pump program</li> </ul> |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <p>• Environmental</p> |  |  |
| <p><b>4.5.4 Require replacing gas water heaters with electric water heaters when they fail.</b> Heat pump water heaters are highly energy-efficient, can deliver significant energy savings, offer both heating and cooling capabilities, and result in less carbon emissions compared to gas water heaters as the electricity grid continues to decarbonize.</p> | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development Department</li> <li>• Northwest Natural</li> <li>• Energy Trust of Oregon (ETO)</li> </ul> <p><b>PROGRAM</b></p> <ul style="list-style-type: none"> <li>• ETO Water Heater Incentives</li> </ul>   |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <p>• Environmental</p> |  |  |

## Key

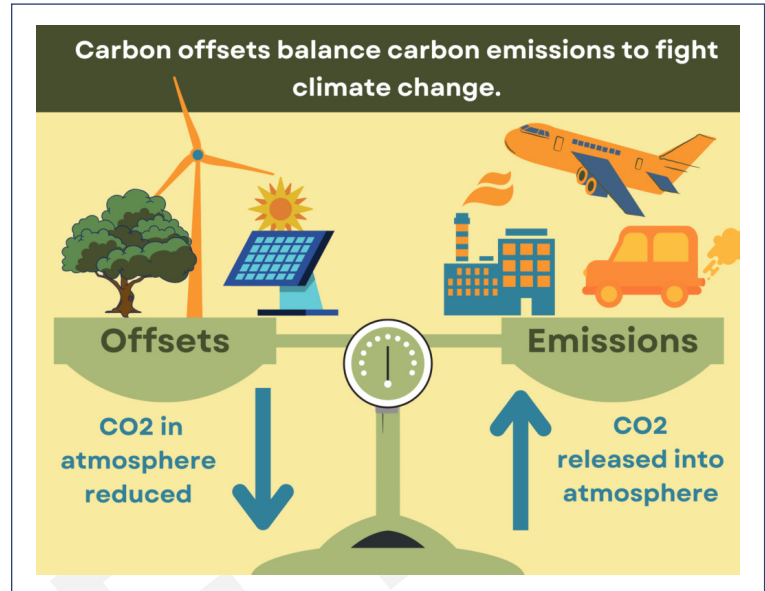
|                             |                             |                                |                        |                      |                  |   |   |
|-----------------------------|-----------------------------|--------------------------------|------------------------|----------------------|------------------|---|---|
| <b>M</b> MITIGATION ACTIONS | <b>A</b> ADAPTATION ACTIONS | <b>S</b> SEQUESTRATION ACTIONS | IMPLEMENT              | CONVENE              | SUPPORT/ADVOCATE | QUICK START<br>0-5 YRS<br>6-10 YRS<br>10+ YRS | YES, POLICY DECISION<br>ALIGNMENT WITH COUNCIL VISION (0-7) |
| JOBS                        | HEALTH & SAFETY             | ECOSYSTEM & WILDLIFE HEALTH    | OPPORTUNITY FOR EQUITY | COMMUNITY ACCEPTANCE |                  |   |   |



## Strategy 4.6



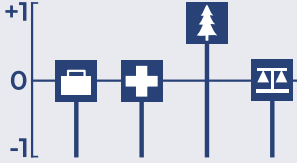


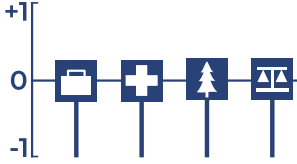


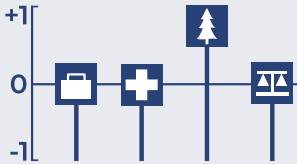
## Voluntary purchase of verified carbon offsets

Not all activities have an available decarbonization option at the pace required to reach science-based emissions reduction targets. Some activities face technological limitations, and others may be cost-prohibitive. For those activities that cannot be decarbonized or entirely avoided in the near term (like air travel), the purchase of carbon offsets can help to reach decarbonization goals. With sound vetting, carbon offsets can be an important tool to decrease global carbon emissions while providing useful co-benefits such as job programs, poverty alleviation, and habitat conservation.





# Actions

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE  | CHARACTERISTICS  | CO-BENEFITS  | POLICY DECISION |
|---|--|--|--|--|-----------------|
| <b>4.6.1 Enroll in Northwest Natural's Smart Energy program to offset emissions from natural gas use in homes and commercial and industrial buildings that use natural gas.</b> Carbon offsets are financial instruments that represent the reduction, avoidance, or removal of greenhouse gas emissions from one source to compensate for emissions occurring elsewhere. | <b>STAKEHOLDERS</b><br>• Northwest Natural<br><br><b>PROGRAM</b><br>• Northwest Natural's Smart Energy program |   | <br>• Environmental                                   |   |                 |
| <b>4.6.2 Educate the community about high-quality, reliable carbon offsets.</b> It is important to identify and promote high-quality and reliable offset options because carbon offsets can be difficult to accurately measure and verify, run the risk of being double-counted, and may have negative social and environmental impacts.                                  | <b>STAKEHOLDERS</b><br>• City Communications Team  |   | <br>• Connected, Informed, Engaged<br>• Environmental |   |                 |
| <b>4.6.3 Purchase verified carbon offsets for unavoidable emissions, such as air travel and industrial processes.</b> Carbon offsets can help to balance out unavoidable emissions by removing carbon dioxide from the atmosphere.  |  |  | <br>• Environmental                                  |  |                 |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH & SAFETY



ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE



## FOCUS AREA 5: URBAN FORM AND LAND USE

### Background

Urban form refers to the physical structure of a city, including its layout, building density, transportation networks, and public spaces. Land use refers to the way in which a piece of land is used, including residential, commercial, industrial, and agricultural uses. Together, urban form and land use shape the built environment of a city and influence its social, economic, and environmental outcomes. The relationship between urban form and land use determines the accessibility, livability, and sustainability of a city, and is a key consideration in urban planning and design.

Changes to Tualatin's development code that affect urban form and land use can help to create a more climate-friendly Tualatin by increasing density, making alternative transportation modes more accessible, and allowing mixed-use development so that residents can access goods and services closer to home.

### Strategies & actions

Tualatin has identified the following strategies and actions focused on decreasing carbon emissions by addressing urban form and land use in Tualatin.






## Strategy 5.1

## Dense future development resulting in reduced future vehicle miles traveled

The dense future development resulting in reduced vehicle miles traveled strategy is estimated to result in a relatively low emissions reduction benefit at 33,100 MT CO<sub>2</sub>e. Cost savings of \$500/MT CO<sub>2</sub>e reduced are associated with this strategy because fewer vehicle miles traveled should result in savings on gasoline and car maintenance.

| STRATEGY | GHG BENEFIT (MT CO <sub>2</sub> e AVOIDED)  | COST PER MT CO <sub>2</sub> e REDUCED |
|----------|---|---------------------------------------|
| 5.1      | <br>LOW MED HIGH | <b>\$\$ savings</b><br>(\$10-100/MT)  |

Increased population density can reduce vehicle miles traveled (VMT) by fostering shorter commute distances. In denser areas, people often live closer to work, schools, and amenities, reducing the need for long car journeys. Additionally, improved public transportation and infrastructure for walking and biking in densely populated regions encourage alternative modes of travel, further diminishing VMT. This synergy of proximity and accessible transportation options can lead to a more sustainable and less car-dependent urban environment.

In addition to the climate benefits associated with reducing vehicle miles traveled, there are several benefits of increased density in cities. These benefits include efficient use of land and resources, smaller environmental impacts in terms of lower carbon emissions, less air pollution, and less damage to ecosystems, better public health outcomes as community members rely more heavily on active transportation instead of cars, and greater social cohesion, resiliency, and mental health outcomes.



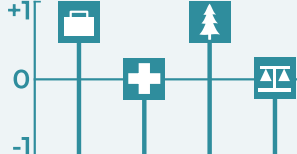







### Key

Key

<

# Actions

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|---|---|---|--|---|---|
| <b>5.1.1 Reduce barriers to compact urban development in the downtown/town center(s), transit corridors.</b><br>This could include identifying and reducing regulatory barriers, flexible uses within industrial and commercial zones, reducing financial obstacles, restructuring System Development Charges (SDCs) for smaller additional incentives, offering flexible land use codes, and ensuring the transportation system can support planned densities.   | <b>STAKEHOLDERS</b><br>• City of Tualatin Community Development and Public Works Departments                  |  | <b>M A S</b> >>><br><br>• Economy<br>• Gathering Places<br>• Transportation<br>• Neighborhoods<br>• Environmental |  |  |
| <b>5.1.2 Expand housing variety and choice by incentivizing and/or prioritizing the building of smaller, clustered, and attached housing, accessory dwelling units (ADUs), and other multifamily housing.</b> Actions includes strategies like providing flexibility in land use, removing land use code and permitting process barriers, supporting affordable housing developments, and offering new incentives like eliminating or reducing SDCs and attached housing loans. Increased housing variety may help reduce the number of residents who commute from out of town (currently 93%) to work in Tualatin. | <b>STAKEHOLDERS</b><br>• City of Tualatin Community Development, Public Works, Finance, and Parks Departments |  | <b>M A S</b> >>><br><br>• Economy<br>• Gathering Places<br>• Transportation<br>• Neighborhoods<br>• Environmental |  |  |

IN PROGRESS

## Key



MITIGATION ACTIONS



ADAPTATION ACTIONS



SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



JOBS



HEALTH & SAFETY



ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE



QUICK START



0-5 YRS



6-10 YRS



10+ YRS
























YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS                                   | CITY ROLE  | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|---|---|--|--|---|---|
| <b>5.1.3 Build walkable neighborhoods where residents can meet most of their daily needs without the use of a car.</b> This includes identifying opportunity areas to apply flexible zoning practices to enable nonconforming land uses, improving transportation infrastructure to promote active transit, pursuing transit-orientated development, increasing access to parks and open space, and providing incentives for mixed-use development.   | <b>STAKEHOLDERS</b><br>• City of Tualatin Community Development and Parks Departments | <br> | <b>M A S</b> >>><br><br>• Economy<br>• Gathering Places<br>• Transportation<br>• Neighborhoods<br>• Environmental |  +1<br> 0<br> +1<br> 0  |  |
| <b>5.1.4 Identify opportunities for increased density.</b> Identify areas in town that would support higher density, including community support and political will to densify, barriers to densification, and geographic opportunities that could support density.   | <b>STAKEHOLDER</b><br>• City of Tualatin Community Development Department             |   | <b>M A S</b> >>><br><br>• Inclusive Community<br>• Neighborhoods<br>• Environmental                               |  0<br> 0<br> 0<br> 0    |   |
| <b>5.1.5 Increase dense development in areas identified in action 5.1.4.</b> To accomplish this, reduce barriers and provide incentives to encourage more high density development near downtown, transit, and other areas identified in 5.1.4. This could include removing or reducing parking minimums, reviewing current parking use, acquiring property for development, and financial incentives. This action should also align with and support housing types and densities identified in the Housing Needs Analysis. | <b>STAKEHOLDER</b><br>• City of Tualatin Community Development Department             |   | <b>M A S</b> >>><br><br>• Inclusive Community<br>• Neighborhoods<br>• Environmental                               |  +1<br> 0<br> +1<br> +1 |  |

## Key



MITIGATION ACTIONS



ADAPTATION ACTIONS



SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH & SAFETY





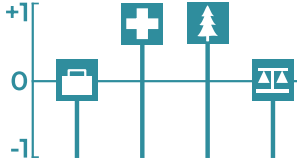





ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|--|--|---|--|---|---|
| <p><b>5.1.6 Develop a decision matrix to consider alternatives to roadway widening to ease traffic congestion.</b> Road widening is not always the best solution to reducing traffic congestion. Reducing traffic congestion will require a multi-pronged approach including things like investing in bicycle and pedestrian infrastructure and public transit or supporting more complimentary land use types that result in shorter travel distances. These alternatives and their likely outcomes and climate impact should be evaluated.</p>   | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development and Public Works Departments</li> </ul> <p><b>PLANNING/POLICY DOCUMENT</b></p> <ul style="list-style-type: none"> <li>• Transportation System Plan</li> </ul> |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Environmental</li> </ul> |  |  |
| <p><b>5.1.7 Reduce traffic speeds in neighborhoods, the downtown and Bridgeport areas, and in other high bike/pedestrian traffic areas to increase safety.</b> Reduced vehicle speeds decrease the likelihood of a pedestrians severe injury or death. Lower speeds also make streets more welcoming to non-car users, helping increase alternative modes of transportation by being designed to be and feel safe. Measures such as restriping streets, reducing speed limits, improved street design and streetscaping, road diets, and other traffic calming measures are ways to accomplish this. Programs such as Vision Zero are excellent tools to help advance this action.</p> | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development and Public Works Departments</li> </ul>   |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Environmental</li> </ul> |  |  |


## Key

|   |   |   |  |  |  |   |   |
|---|---|---|--|--|--|---|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START<br> 0-5 YRS<br> 6-10 YRS<br> 10+ YRS |  YES, POLICY DECISION<br> ALIGNMENT WITH COUNCIL VISION (0-7) |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |   |   |

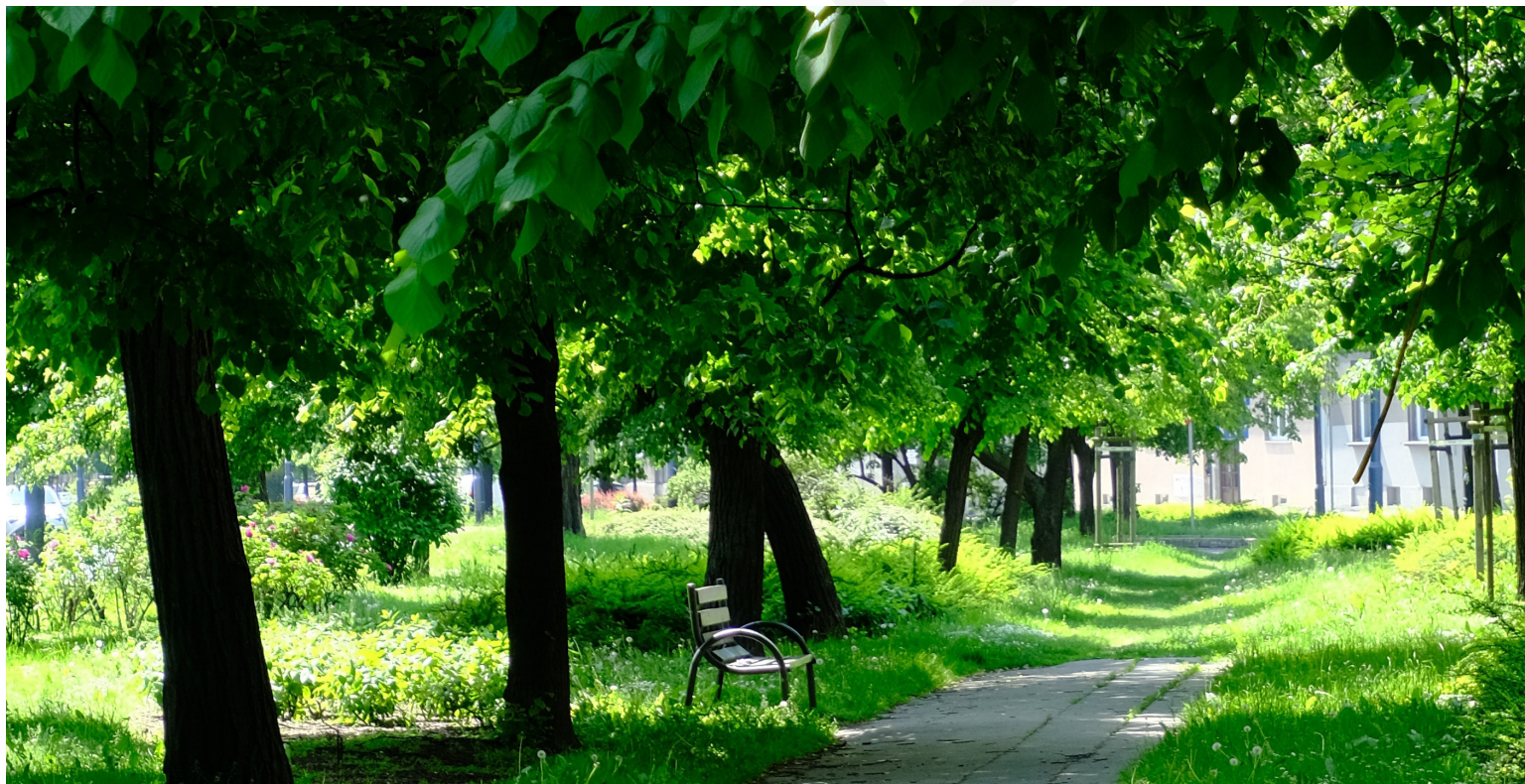


## Strategy 5.2 // Urban/community forestry & carbon sequestration

The urban/community forestry & carbon sequestration strategy is estimated to have a relatively low emissions reduction benefit at 171,700 MT CO<sub>2</sub>. However, there are additional adaptation benefits from shade and cooling that are not captured in this number. This strategy is estimated to cost \$15-100/MT CO<sub>2</sub>e reduced since it can be costly to plant and maintain trees.


| STRATEGY | GHG BENEFIT (MT CO <sub>2</sub> e AVOIDED)  | COST PER MT CO <sub>2</sub> e REDUCED |
|----------|---|---------------------------------------|
| 5.2      | <br>LOW MED HIGH | \$\$ cost<br>(\$10-100/MT)            |

Given that Tualatin is a relatively small municipality, the opportunity for large-scale carbon sequestration is low. While trees and plants do help to sequester carbon, maintaining existing trees, and planting new ones, provides an abundance of community benefits by removing climate pollution from the atmosphere and providing shade to provide natural cooling and reduce energy needs. The City of Tualatin manages trees in the planter strip and maintains [list of approved street tree species](#) for different width strips and proximity to powerlines.




### Key

Key




Low (0-399,999 MTCO<sub>2</sub>e)

\$\$\$  
significant  
savings (>\$100/MT)



Medium (400,000-1,799,999 MTCO<sub>2</sub>e)

\$\$  
savings  
(\$10-100/MT)












High (1,800,000-8,000,000 MTCO<sub>2</sub>e)

\$  
cost neutral  
(-\$10 to \$10/MT)

\$\$  
cost  
(\$10-100/MT)

\$\$\$  
significant cost  
(>\$100/MT)

# Actions

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE  | CHARACTERISTICS   | CO-BENEFITS  | POLICY DECISION |
|---|---|--|---|--|-----------------|
| <b>5.2.1 Increase canopy cover in response to tree canopy study from action 1.1.3 to equitably increase shade in Tualatin.</b><br>While there is limited opportunity for carbon sequestration in Tualatin, trees do pull carbon dioxide out of the air and provide shade, an important adaptation benefit.  | <b>STAKEHOLDERS</b><br>• City of Tualatin Parks and Public Works Departments  |   | <b>M A S</b> >>><br><br>• Gathering Places<br>• Transportation<br>• Environmental                |   |                 |
| <b>5.2.2 Update street tree list with climate adapted and/or drought resistant tree options.</b> Consider including large shrubs to increase biodiversity and reduce impacts on infrastructure. The street tree list was last updated in 2019. Revisiting the list every 5 years can help the City be responsive to changing climate conditions.  | <b>STAKEHOLDERS</b><br>• City of Tualatin Parks and Public Works Departments<br><br><b>PROGRAM</b><br>• Sidewalk/Street Tree program  |   | <b>M A S</b> >>><br><br>• Environmental  |   |                 |
| <b>5.2.3 Continue to partner with Friends of Trees to plant trees in Tualatin.</b> The City of Tualatin has partnered with Friends of Trees for 25 years and currently offers three tree planting events per year. These events focus on stream shading. The City could explore options to partner with Friends of Trees to plant street trees and/or trees in stormwater treatment facilities. | <b>STAKEHOLDERS</b><br>• City of Tualatin Volunteer Services staff and Parks Department<br>• Friends of Trees<br><br><b>PROGRAMS</b><br>• Friends of Trees volunteer program<br>• City of Tualatin Volunteer Services |  | <b>M A S</b> >>><br><br>• Connected, Informed, Engaged<br>• Gathering Places<br>• Environmental |  |                 |

IN PROGRESS

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START



0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH & SAFETY



ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE





| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|---|--|---|---|---|---|
| <p><b>5.2.7 Encourage tree preservation during development.</b> Evaluate establishment and enforcement of replanting requirements. Provide guidance to ensure that the right trees are planted in the right places.</p> | <p><b>STAKEHOLDER</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development Department</li> </ul> <p><b>POLICY DOCUMENTS</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Development Code</li> </ul> |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Neighborhoods</li> <li>• Environmental</li> </ul> |  |  |

**Key**

M MITIGATION ACTIONS

A ADAPTATION ACTIONS

S SEQUESTRATION ACTIONS

IMPLEMENTS

CONVENE

SUPPORT/ADVOCATE

JOBS

HEALTH & SAFETY

ECOSYSTEM & WILDLIFE HEALTH

OPPORTUNITY FOR EQUITY

COMMUNITY ACCEPTANCE

QUICK START

0-5 YRS

6-10 YRS

10+ YRS

YES, POLICY DECISION

ALIGNMENT WITH COUNCIL VISION (0-7)





## FOCUS AREA 6: TRANSPORTATION – MODES & FUEL SWITCHING

### Background

Transportation energy, particularly on-road vehicle transportation of passengers and freight, also represents a large portion of community carbon emissions (84,128 MT CO<sub>2</sub>e, or 12%). Transportation emissions are generated at the tailpipe by combustion of gasoline, diesel, other liquid and gas fuels, or from non-renewable electricity generation for electric vehicles.

The majority of Tualatin's transportation emissions come from passenger cars. Air travel, freight, and commercial vehicles also contribute significantly to Tualatin's transportation-related emissions (Figure 30).

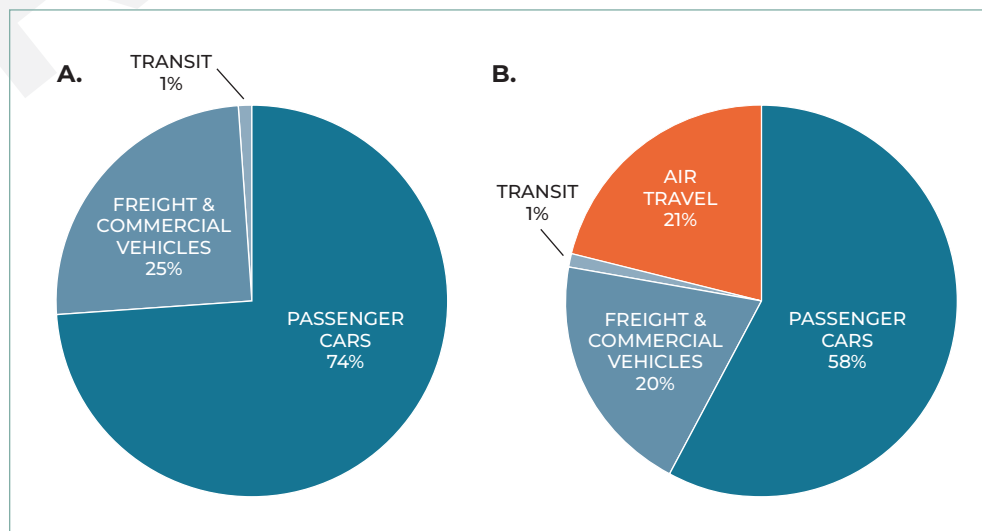


FIGURE 30: Tualatin's transportation emissions breakdown: A: excluding air travel, B: including air travel.



## Strategies & actions

Tualatin has identified the following strategies and actions to reduce carbon emissions from the transportation sector. Together, these strategies can help Tualatin reduce its carbon footprint by nearly 120,000 MT CO<sub>2</sub>e in a single year, or 20% of the emissions reductions needed to meet the goal of net zero in 2050. Between now and 2050, this is expected to add up to 1.7 million MT CO<sub>2</sub>e.



### Strategy 6.1 // Fuel switching - Electric vehicles (EVs), renewable diesel, biodiesel, ethanol, and other low-emissions fuels

The fuel switching strategy is estimated to result in a medium emissions reduction benefit at 2,184,685 MT CO<sub>2</sub>e. This strategy is likely to result in cost savings or be cost-neutral over time because, while there are upfront costs to purchase EVs and install charging infrastructure, savings in fuel and maintenance costs even out over time. Additionally, renewable diesel costs roughly the same as fossil fuel-based diesel due to rules under Oregon's Clean Fuel Program.

| STRATEGY | GHG BENEFIT (MT CO <sub>2</sub> e AVOIDED)  | COST PER MT CO <sub>2</sub> e REDUCED |
|----------|---|---------------------------------------|
| 6.1      | <br>LOW MED HIGH | \$\$ savings (\$10-100/MT)            |




Increasing adoption of electric vehicles or another low-greenhouse gas fossil gasoline substitute could help reduce Tualatin's carbon emissions by about 1.6 million MT CO<sub>2</sub>e by 2050, about 12% of the emissions reductions needed to meet Tualatin's goal of net zero by 2050.

As of late 2022, the Oregon Department of Environmental Quality's [Advanced Clean Cars II rulemaking](#) prohibits the sale of new gasoline powered passenger vehicles after 2035 and requires 10% sales of EV's each year stepped from 2025-2035. This, along with recent federal legislation and pledges by car manufacturers, is predicted to lower prices and increase supply of electric vehicles across the spectrum of automotive consumers. Prices for electric vehicles vary across models, but in general, new EVs can be bought at roughly similar price to new conventional cars.




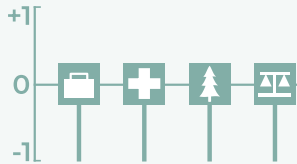




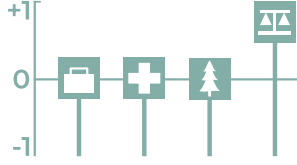

EVs shift the ongoing cost burden from gasoline to electricity. A [recent study](#) analyzed the cost burden for EVs versus gasoline cars for each US census tract. The study found that on average, EV owners in Oregon would pay significantly less for their EV fueling than for a conventional car's gasoline. The study noted a decrease of between 50% and 85% in fueling costs for EV owners in Oregon.

EVs have drawbacks such as limited driving range on a single charge, longer recharging times compared to traditional vehicles, and variable charging infrastructure availability. Environmental concerns include the environmental impacts of battery production, including habitat disruption and resource depletion, as well as challenges related to battery disposal and recycling. Additionally, EVs' environmental benefits can be reduced if they rely on electricity from fossil fuels instead of renewable energy sources.

#### Key

|   |   |   |
|---|---|---|
|  |  |  |
| Low (0-399,999 MTCO <sub>2</sub> e)   | Medium (400,000-1,799,999 MTCO <sub>2</sub> e)                                      | High (1,800,000-8,000,000 MTCO <sub>2</sub> e)  |
| \$\$\$ significant savings (>\$100/MT)  | \$\$ savings (\$10-100/MT)  | \$ cost neutral (-\$10 to \$10/MT)  |
|   |   | \$\$ cost (\$10-100/MT)   |
|   |   | \$\$\$ significant cost (>\$100/MT)   |



| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS  | POLICY DECISION   |
|---|---|---|--|--|---|
| <b>6.1.1 Establish parking and charging infrastructure requirements for electric vehicles (EVs) at new developments.</b> Oregon Senate Bill 1044 sets zero emission vehicle (ZEV) targets for the state of Oregon. Under SB 1044, at least 90% of new vehicles sold annually will be EVs by 2035. Establishing EV parking and infrastructure requirements for new developments will make EV charging more available now while paving the way for the near future when EVs become more common. | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development Department</li> <li>• Oregon Department of Land Conservation and Development</li> </ul> <b>PROGRAMS</b> <ul style="list-style-type: none"> <li>• City municipal code update</li> </ul> <b>POLICY DOCUMENTS</b> <ul style="list-style-type: none"> <li>• City of Tualatin Municipal Code</li> <li>• Climate Friendly and Equitable Communities rulemaking</li> <li>• DLCD - Climate Friendly and Equitable Communities rulemaking</li> </ul> |  |   <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Neighborhoods</li> <li>• Environmental</li> </ul>                                 |   |  |
| <b>6.1.2 Promote programs to help fund installation of EV chargers at new and existing affordable housing and multifamily complexes.</b> Prioritize multifamily housing and workplaces.   | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• City of Tualatin Finance Department and City Manager's Office</li> <li>• Portland General Electric (PGE)</li> </ul> <b>PROGRAMS</b> <ul style="list-style-type: none"> <li>• PGE Transportation Matching Fund Program</li> <li>• PGE Drive Change Fund</li> </ul>  |  |   <ul style="list-style-type: none"> <li>• Inclusive Community</li> <li>• Transportation</li> <li>• Neighborhoods</li> <li>• Environmental</li> </ul> |  |  |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH &amp; SAFETY





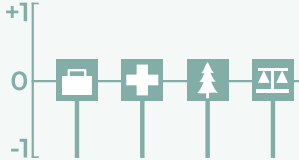




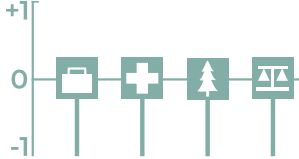




ECOSYSTEM &amp; WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



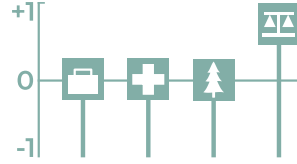






COMMUNITY ACCEPTANCE

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE  | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|---|---|--|--|---|---|
| <b>6.1.3 Develop policies and priorities around installation of publicly accessible charging stations in the right-of-way,</b> including electric vehicle charging. Perform a study to determine needs and preferred locations for charging infrastructure.   | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>City of Tualatin Public Works and Community Development Departments, and the City Manager's Office</li> </ul> <b>PLANNING DOCUMENTS</b> <ul style="list-style-type: none"> <li>Transportation System Plan (TSP)</li> </ul> |   | <b>M A S</b> >>>  <ul style="list-style-type: none"> <li>Transportation</li> <li>Neighborhoods</li> <li>Environmental</li> </ul>                |  |  |
| <b>6.1.4 Increase the number of events promoting electric vehicles.</b> For example, 'EV Rodeos' can help increase community members' familiarity and comfortability with EVs.  | <b>STAKEHOLDER</b> <ul style="list-style-type: none"> <li>Portland General Electric (PGE)</li> <li>Forth Mobility</li> </ul>  | <br> | <b>M A S</b> >>>  <ul style="list-style-type: none"> <li>Connected, Informed, Engaged</li> <li>Transportation</li> <li>Environmental</li> </ul> |  |   |
| <b>6.1.5 Set targets for community electric vehicle (EV) adoption to encourage community usage of electric vehicles.</b> In 2019, Oregon Senate Bill 1044 outlined new Zero Emission Vehicle (ZEV) adoption targets through 2035. Tualatin will set targets to support the wider statewide EV adoption goals and periodically report on progress. |   |   | <b>M A S</b> >>>  <ul style="list-style-type: none"> <li>Connected, Informed, Engaged</li> <li>Transportation</li> <li>Environmental</li> </ul> |  |  |



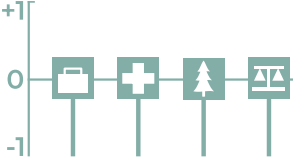





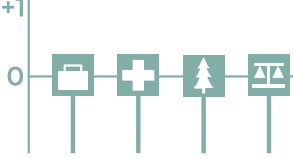

## Key

|   |   |   |  |  |  |   |   |
|---|---|---|--|--|--|---|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START<br> 0-5 YRS<br> 6-10 YRS<br> 10+ YRS |  YES, POLICY DECISION<br> ALIGNMENT WITH COUNCIL VISION (0-7) |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |   |   |

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|--|--|---|--|---|---|
| <p><b>6.1.6 Conduct an electric car share pilot program at low income or high equity needs residential areas in Tualatin.</b> EV car share pilot programs can help increase community members' familiarity and comfortability with EVs while providing a low-cost, low emissions way for community members to get around town.</p>   |  |  |  <ul style="list-style-type: none"> <li>• Inclusive Community</li> <li>• Transportation</li> <li>• Environmental</li> </ul> |  |  |
| <p><b>6.1.7 Advocate to ODOT, Metro, and/or other regional partners to bring corridor chargers to Tualatin.</b> EV corridor charging involves installing charging stations along highways to create a network for long-distance travel, reducing range anxiety and providing convenient charging infrastructure for EVs on major routes. It aims to facilitate intercity and interstate travel by allowing EV drivers to charge their vehicles at regular intervals during long trips.</p> | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development and Economic Development Departments</li> <li>• Oregon Department of Transportation (ODOT)</li> </ul> <p><b>PROGRAM</b></p> <ul style="list-style-type: none"> <li>• ODOT's state National Electric Vehicle Infrastructure (NEVI) plan</li> </ul> |  |  <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Environmental</li> </ul>                                |  |   |

## Key

|                             |                             |                                |                        |                      |                  |   |   |
|-----------------------------|-----------------------------|--------------------------------|------------------------|----------------------|------------------|---|---|
| <b>M</b> MITIGATION ACTIONS | <b>A</b> ADAPTATION ACTIONS | <b>S</b> SEQUESTRATION ACTIONS | IMPLEMENT              | CONVENE              | SUPPORT/ADVOCATE |  <ul style="list-style-type: none"> <li>QUICK START</li> <li>0-5 YRS</li> <li>6-10 YRS</li> <li>10+ YRS</li> </ul> |  YES, POLICY DECISION<br><br> ALIGNMENT WITH COUNCIL VISION (0-7) |
| JOBS                        | HEALTH & SAFETY             | ECOSYSTEM & WILDLIFE HEALTH    | OPPORTUNITY FOR EQUITY | COMMUNITY ACCEPTANCE |                  |   |   |

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE  | CHARACTERISTICS  | CO-BENEFITS  | POLICY DECISION  |
|--|---|--|--|--|--|
| <p><b>6.1.8 Install publicly-accessible community EV chargers in Tualatin.</b> Community charging focuses on installing charging infrastructure in local areas like residential neighborhoods and commercial districts, typically in parking lots, shopping centers, or other public spaces, to provide convenient charging options for EV owners who primarily use their vehicles for daily commuting or short-distance travel within the community. As of June 2023, the City of Tualatin is partnering with Forth Mobility to pursue a Charging and Fueling Infrastructure (CFI) grant.</p> | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Community Development and Economic Development Departments</li> <li>• US Department of Transportation (US DOT)</li> <li>• Oregon Department of Transportation (ODOT)</li> <li>• Forth Mobility</li> </ul> <p><b>PROGRAM</b></p> <ul style="list-style-type: none"> <li>• US DOT's Charging and Fueling Infrastructure (CFI) grant program</li> </ul> |   | <p><b>M A S</b> &gt;&gt;&gt;</p>  <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Environmental</li> </ul>   |   |  |
| <p><b>6.1.9 Provide community education around the benefits of R99 diesel.</b> Identify and prioritize reaching out to employers with large vehicle fleets in Tualatin.</p>  |   |   | <p><b>M A S</b> * &gt;&gt;&gt;</p>  <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Environmental</li> </ul> |   |  |
| <p><b>6.1.10 Require gas stations within City limits to transition to R99 diesel.</b> See Chapter 16.60 of the City of Portland's code for a local example of a similar policy.</p>  | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• Gas stations located in Tualatin</li> </ul>   |  | <p><b>M A S</b> &gt;&gt;&gt;</p>  <ul style="list-style-type: none"> <li>• Environmental</li> </ul>                           |  |  |

## Key

|   |   |   |  |  |  |   |   |
|---|---|---|--|--|--|---|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT             |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START<br> 0-5 YRS<br> 6-10 YRS<br> 10+ YRS |  YES, POLICY DECISION<br> ALIGNMENT WITH COUNCIL VISION (0-7) |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |   |   |





## Strategy 6.2

## Active transportation to reduce car miles and fossil fuel (gasoline) use

Active transportation, including walking, biking, and rolling, can help to reduce carbon emissions by reducing the number of cars on the road. Research suggests that use of active transportation modes is dependent on individual factors like demographics and medical conditions, social factors like coworker or spouse beliefs and behaviors or community support for bicyclists and pedestrians, and physical factors like bicycle lanes or the speed and volume of traffic along a route. Offering safe and enjoyable routes for pedestrians and cyclists can help to make active transportation options more appealing. Fewer cars on the road also improves air quality and can result in positive health outcomes due to increased physical activity, safety, social connections, and more time spent outside.



### MICROMOBILITY IN TUALATIN



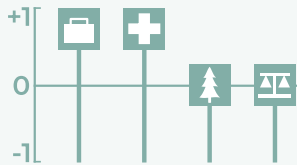



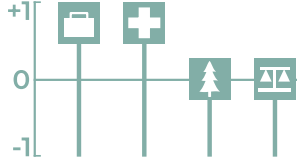

Micromobility refers to transportation using lightweight vehicles such as bicycles or scooters, and electric micromobility refers to things like electric bicycles (e-bikes) or scooters (e-scooters). Typically, micromobility options can be borrowed as part of a self-service rental program in which people rent vehicles for short-term use within a town or city.

Tualatin's e-scooter pilot program kicked off in August 2022 and became permanent a year later. As of September 2023, over 3,000 community members have used the scooters to make over 14,900 trips totaling over 17,000 miles and saving over 14,900 pounds of carbon dioxide. That's equivalent to taking 3,315 gasoline-powered cars off the road for one year!



FIGURE 31: Heat map showing Lime scooter rides in Tualatin.

# Actions

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|--|--|---|---|---|---|
| <b>6.2.1 Update the Transportation System Plan (TSP) to increase the use of active transportation options,</b> including any human-powered transportation such as walking, cycling, or using non-motorized modes of transportation. Embed active transportation modes throughout the entire plan and focus on making walking or rolling an easy and accessible option to move throughout the City.   | <b>STAKEHOLDERS</b><br>• City of Tualatin Community Development Department<br><br><b>POLICY DOCUMENT</b><br>• Transportation System Plan |  |  <ul style="list-style-type: none"> <li>• Economy</li> <li>• Transportation</li> <li>• Neighborhoods</li> <li>• Environmental</li> </ul> |  |  |
| <b>6.2.2 Update the Transportation System Plan (TSP) to increase the use of electric micromobility options</b> such as e-bikes, e-scooters, and electric skateboards. Embed electric micromobility modes throughout the plan and focus on making these options a viable option to move throughout the City. Electric micromobility modes offer many of the same benefits as active transportation but are worthy of independent consideration given charging needs, potential safety concerns and conflicts with non-motorized active transit users. | <b>STAKEHOLDER</b><br>• City of Tualatin Community Development Department<br><br><b>POLICY DOCUMENT</b><br>• Transportation System Plan  |  |  <ul style="list-style-type: none"> <li>• Economy</li> <li>• Transportation</li> <li>• Neighborhoods</li> <li>• Environmental</li> </ul> |  |  |

## Key

M

MITIGATION ACTIONS

A

ADAPTATION ACTIONS

S

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH & SAFETY




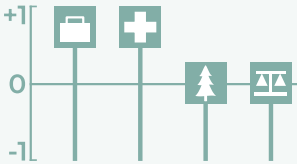

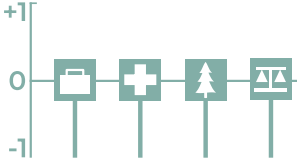


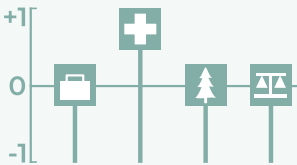
ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE  | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION |
|--|--|--|--|---|-----------------|
| <b>6.2.3</b> Prioritize building and completing transportation projects that enhance bicycle, pedestrian, and transit access in Tualatin included in the updated Transportation System Plan.   | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>City of Tualatin Community Development and Public Works Departments</li> </ul> <b>POLICY DOCUMENT</b> <ul style="list-style-type: none"> <li>Transportation System Plan</li> </ul>  |   | <div> <div>M</div> <div>A</div> <div>S</div> <div>&gt;&gt;&gt;</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <ul style="list-style-type: none"> <li>Economy</li> <li>Transportation</li> <li>Neighborhoods</li> <li>Environmental</li> </ul> |  |                 |
| <b>6.2.4</b> Promote transportation options programs like Get There Oregon to help commuters and employers shift commute habits and work practices. Get There Connect allows users to compare commute options, find a carpool, participate in challenges, and track statistics like reduced carbon emissions, money saved, and more. | <b>STAKEHOLDER</b> <ul style="list-style-type: none"> <li>Oregon Department of Transportation (ODOT)</li> </ul> <b>PROGRAM</b> <ul style="list-style-type: none"> <li>Get There Oregon</li> </ul>  |   | <div> <div>M</div> <div>A</div> <div>S</div> <div>&gt;&gt;&gt;</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <ul style="list-style-type: none"> <li>Transportation</li> <li>Environmental</li> </ul>   |  |                 |
| <b>6.2.5</b> Provide education and support programs to encourage the use of active transportation.   | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>Oregon Department of Transportation (ODOT)</li> <li>Tigard Tualatin School District (TTSD)</li> </ul> <b>PROGRAMS</b> <ul style="list-style-type: none"> <li>ODOT's Get There Oregon program</li> <li>TTSD's Safe Routes to School program</li> <li>Safe Routes to Parks</li> </ul> | <br> | <div> <div>M</div> <div>A</div> <div>S</div> <div>&gt;&gt;&gt;</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <ul style="list-style-type: none"> <li>Connected, Informed, Engaged</li> <li>Transportation</li> <li>Environmental</li> </ul>   |  |                 |

## Key

M

MITIGATION ACTIONS

A

ADAPTATION ACTIONS

S

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH & SAFETY



ECOSYSTEM & WILDLIFE HEALTH





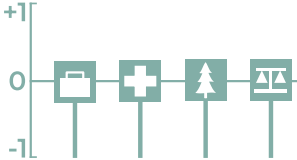




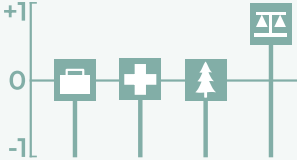





OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE





| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE  | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|--|---|--|--|---|---|
| <b>6.2.8 Explore public electric micromobility charging options.</b> Perform a study to determine needs and preferred locations for charging infrastructure.   | <b>STAKEHOLDER</b><br>• City of Tualatin Public Works Department  |   | <div>MAS</div> <div>  </div> <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Environmental</li> </ul>                                |  |  |
| <b>6.2.9 Provide financial incentives for electric micromobility options like e-bikes and/or e-scooters, especially for low-income people and people with disabilities.</b>  | <b>STAKEHOLDER</b><br>• Portland General Electric (PGE)<br><br><b>POTENTIAL PROGRAM</b><br>• PGE Drive Change Fund  | <br> | <div>MAS</div> <div>  </div> <ul style="list-style-type: none"> <li>• Inclusive Community</li> <li>• Transportation</li> <li>• Environmental</li> </ul> |  |  |
| <b>6.2.10 Increase Safe Routes to School programming for Tualatin schools by partnering with TTSD's Safe Routes to School coordinator.</b> Prioritize schools in higher equity need and/or high traffic areas in Tualatin. | <b>STAKEHOLDERS</b><br>• City of Tualatin Community Development Department<br>• Tigard-Tualatin School School District (TTSD)<br><br><b>PROGRAM</b><br>• TTSD's Safe Routes to School program |   | <div>MAS</div> <div>  </div> <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Neighborhoods</li> <li>• Environmental</li> </ul>       |  |  |

## Key

**M** MITIGATION ACTIONS

**A** ADAPTATION ACTIONS

**S** SEQUESTRATION ACTIONS

 IMPLEMENT

 CONVENE

 SUPPORT/ADVOCATE

 JOBS

 HEALTH & SAFETY

 ECOSYSTEM & WILDLIFE HEALTH

 OPPORTUNITY FOR EQUITY

 COMMUNITY ACCEPTANCE

 QUICK START  
 0-5 YRS  
 6-10 YRS  
 10+ YRS

 YES, POLICY DECISION

 ALIGNMENT WITH COUNCIL VISION (0-7)



## Strategy 6.3

## Transit transportation to reduce car miles and fossil fuel (gasoline) use

Transit transportation through Ride Connection and TriMet bus and WES services can help to reduce carbon emissions by reducing the number of cars on the road.

Tualatin currently lacks frequent and reliable transit service that connects community members to the places where they live, work, and have fun. Many transit stops in Tualatin are unsheltered, making travel by transit less appealing during times of extreme weather. Additionally, many community members indicated that taking transit feels unsafe to them. Increasing efforts to ensure safety on transit service is an important step to increasing ridership.

### WHAT WE HEARD

Stakeholders, particularly large employers, shared that transit service in Tualatin is underutilized by employees because it does not take them where they need to go, it does not run frequently enough to be considered reliable, and/or the hours of transit operation do not match up with employee commuting hours.



# Actions

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE | CHARACTERISTICS | CO-BENEFITS | POLICY DECISION |
|---|---|-----------|-----------------|-------------|-----------------|
| <b>6.3.1 Advocate for increased transit service coverage, frequency, and safety.</b> Robust and reliable transit service can increase the appeal of taking transit over driving and create greater mobility for the entire community.           | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• City of Tualatin City Manager's Office, Community Development Department</li> <li>• TriMet</li> <li>• Ride Connection</li> </ul>   |           | <b>M A S</b>    |             |                 |
| <b>6.3.2 Educate employers about opportunities to supply employees with transit passes or incentives.</b> TriMet offers flexible transportation programs like the Universal Annual Pass Program, Annual Pass Program, and Monthly Pass Program. | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• City of Tualatin Economic Development</li> <li>• TriMet</li> </ul> <b>PROGRAMS</b> <ul style="list-style-type: none"> <li>• TriMet Universal Annual Pass program</li> <li>• TriMet Annual Pass program</li> <li>• TriMet Monthly Pass program</li> </ul> |           | <b>M A S</b>    |             |                 |

## Key

M

MITIGATION ACTIONS

A

ADAPTATION ACTIONS

S

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH & SAFETY









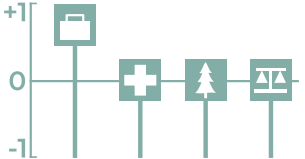

ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE  | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|---|--|--|--|---|---|
| <b>6.3.3 Convene large businesses in Tualatin to lobby TriMet</b> to expand transit service to destinations with large employee populations.  | <b>STAKEHOLDERS</b><br>• Large employers in Tualatin<br>• TriMet<br>• Chamber of Commerce          |   | <div> <div>MAS</div> <div>  </div> </div> • Economy<br>• Transportation<br>• Environmental  |  |   |
| <b>6.3.4 Increase micromobility access through programs like the e-scooter program in Tualatin.</b> Micromobility options like e-scooters and e-bikes help to support low-carbon transportation, particularly for first and last-mile travel. | <b>STAKEHOLDER</b><br>• City of Tualatin Public Works<br><br><b>PROGRAM</b><br>• E-Scooter program | <br> | <div> <div>MAS*</div> <div>  </div> </div> • Economy<br>• Transportation<br>• Environmental |  |  |

## Key

Key

|  |  |  |   |   |   |   |   |
|--|--|--|---|---|---|---|---|
| <div>M</div> <div>MITIGATION ACTIONS</div> | <div>A</div> <div>ADAPTATION ACTIONS</div> | <div>S</div> <div>SEQUESTRATION ACTIONS</div>          | <div></div> <div>IMPLEMENT</div>              | <div></div> <div>CONVENE</div>              | <div></div> <div>SUPPORT/ADVOCATE</div> | <div><div><div>* &gt;&gt;&gt;</div><div>&gt;&gt;&gt;</div><div>&gt;&gt;&gt;</div><div>&gt;&gt;&gt;</div></div><div>QUICK START</div><div>0-5 YRS</div><div>6-10 YRS</div><div>10+ YRS</div></div> | <div><div></div><div>YES, POLICY DECISION</div></div> <div><div><div></div><div></div><div></div></div><div>ALIGNMENT WITH COUNCIL VISION (0-7)</div></div> |
| <div></div> <div>JOBS</div>                | <div></div> <div>HEALTH &amp; SAFETY</div> | <div></div> <div>ECOSYSTEM &amp; WILDLIFE HEALTH</div> | <div></div> <div>OPPORTUNITY FOR EQUITY</div> | <div></div> <div>COMMUNITY ACCEPTANCE</div> |   |   |   |










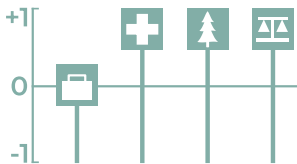


## Strategy 6.4 // Remote work options to reduce car miles and fossil fuel (gasoline) use

Remote work can significantly reduce car miles and emissions by allowing employees to work from home when feasible. This reduces the need for daily commutes, leading to fewer cars on the road and decreased traffic congestion. This lowers the overall carbon footprint associated with transportation, benefiting both the environment and air quality.



# Actions

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION |
|--|---|---|--|---|-----------------|
| <b>6.4.1 When possible and appropriate, provide remote work options to employees.</b> Reducing commuter trips results in fewer emissions and contributes to improved air quality.  |   |   | <div>M A S</div>  <ul style="list-style-type: none"> <li>• Inclusive Community</li> <li>• Economy</li> <li>• Transportation</li> <li>• Environmental</li> </ul>   |  |                 |
| <b>6.4.2 Provide virtual meeting options.</b> Reducing travel for meetings results in fewer emissions and contributes to improved air quality. Providing virtual meeting options also increases access for people who are unable to join meetings in person. |   |   | <div>M A S</div>  <ul style="list-style-type: none"> <li>• Inclusive Community</li> <li>• Connected, Informed, Engaged</li> <li>• Economy</li> <li>• Transportation</li> <li>• Environmental</li> </ul> |  |                 |

**Key**

M




 MITIGATION ACTIONS
 






A





 ADAPTATION ACTIONS
 



S

 SEQUESTRATION ACTIONS

 IMPLEMENT
  CONVENE
  SUPPORT/ADVOCATE

 JOBS
  HEALTH & SAFETY
  ECOSYSTEM & WILDLIFE HEALTH
  OPPORTUNITY FOR EQUITY
  COMMUNITY ACCEPTANCE

 QUICK START
  0-5 YRS
  6-10 YRS
  10+ YRS

 YES, POLICY DECISION
  ALIGNMENT WITH COUNCIL VISION (0-7)





## FOCUS AREA 7: CONSUMPTION – FOOD & GOODS

### Background

Consumption-based emissions are generated outside of the community during the production of goods, food, fuels, and service products consumed by residents, like air travel. Consumption-based emissions presented here are estimated (see Appendix 2 for more information) and therefore the results have a greater level of uncertainty compared to other sources of emissions.

Goods, like household goods, clothing, and electronics, make up 100,861 MT CO<sub>2</sub>e (or 15%) of Tualatin's emissions. Food and beverage production accounts for 85,258 MT CO<sub>2</sub>e (13%) of Tualatin's emissions. It is worth noting that some foods produce more carbon emissions than others. For example, within the meat category, beef and lamb contribute significantly more to climate change than chicken or fish.

Producing the fuels that people consume also result in carbon emissions. In Tualatin, upstream fuel production, including the production of electricity, natural gas, and transportation fuels, accounts for 82,658 MT CO<sub>2</sub>e (12% of Tualatin's carbon emissions). Air travel accounts for 22,042 MT CO<sub>2</sub>e, or 3% of Tualatin's overall emissions.

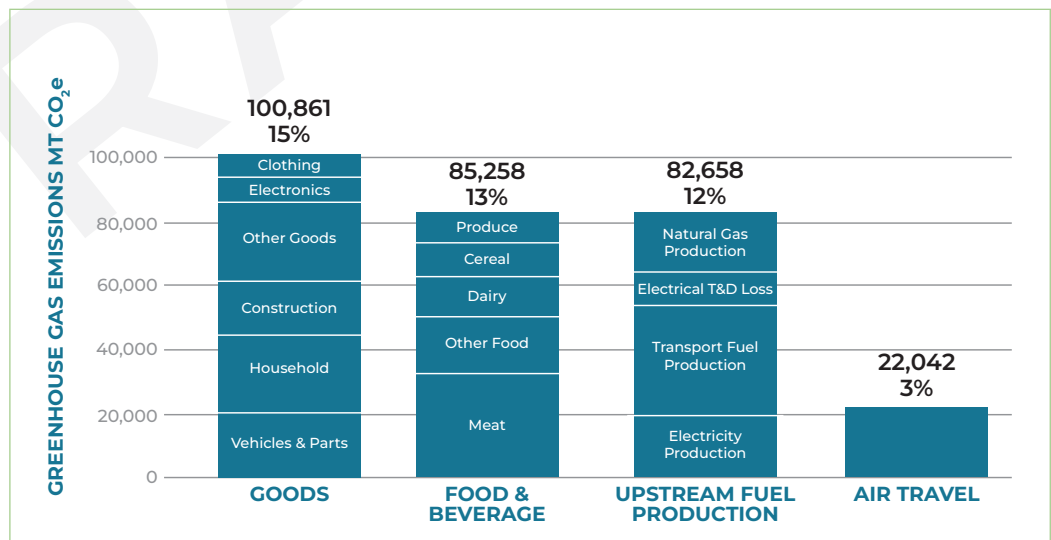


FIGURE 32: Breakdown of Tualatin's consumption-based emissions.

## Strategies & actions

Tualatin has identified the following strategies and actions to reduce carbon emissions from the consumption of food and goods in Tualatin. According to the Oregon Department of Environmental Quality, “Since the late 1980s, recycling and composting have captivated the public’s attention as a solution to environmental problems associated with solid waste. But the State of Oregon and many other organizations recognize that there’s an even higher priority than recycling and composting: waste prevention. In fact, Oregon law defines waste prevention as the number one priority method for managing solid waste in Oregon.

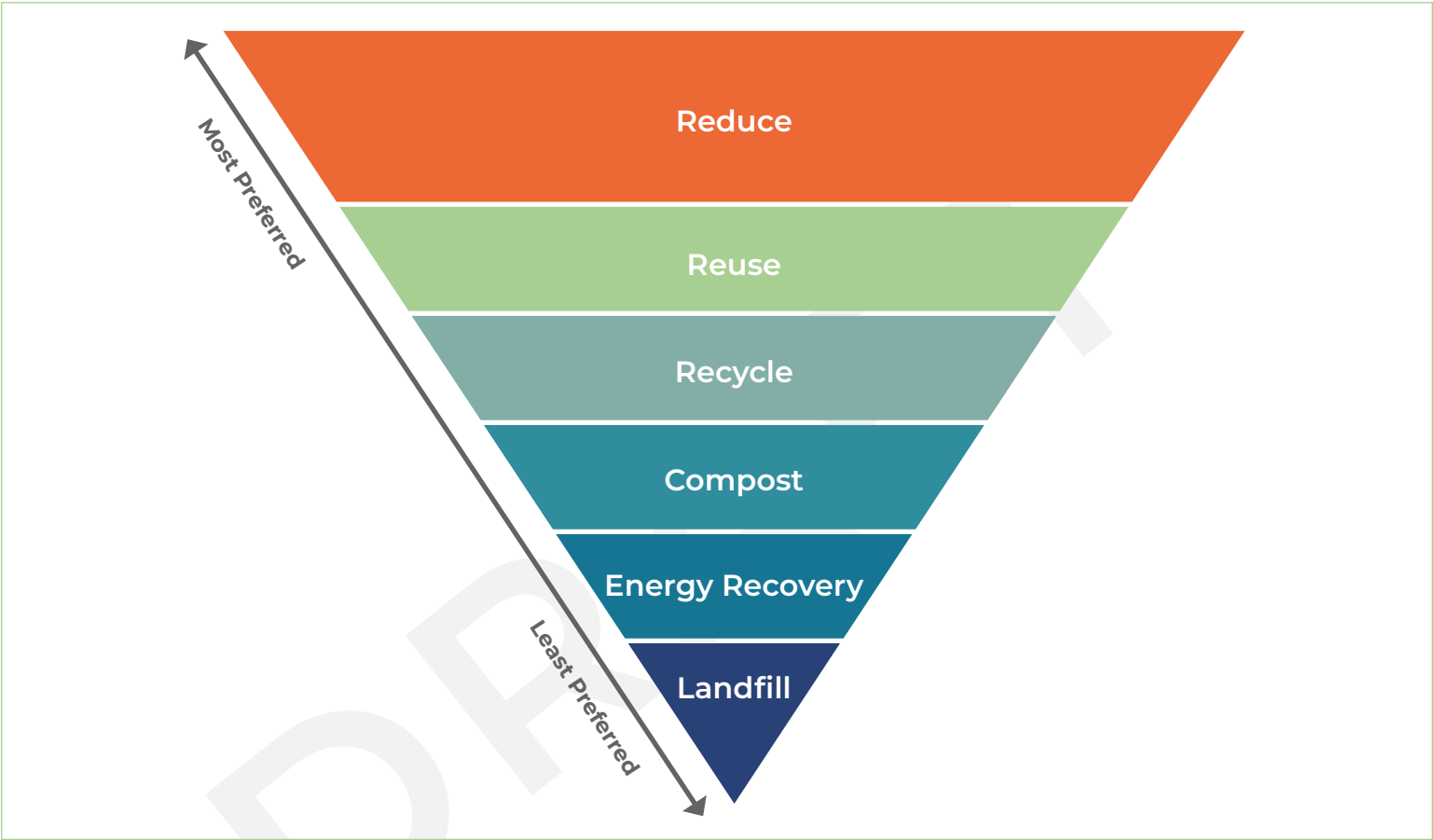


FIGURE 33: Materials management pyramid from Oregon DEQ.





## Strategy 7.1

## Landfill diversion of organic materials (composting)

The landfill diversion of organic materials (composting) strategy is estimated to have a low emissions reduction benefit at 21,140 MT CO<sub>2</sub>e. There are far more emissions associated with producing food than there are with disposing of kitchen scraps, the most impactful way to reduce landfill emissions is to reduce unnecessary consumption. This strategy is categorized as cost neutral.

| STRATEGY | GHG BENEFIT (MT CO <sub>2</sub> e AVOIDED)  | COST PER MT CO <sub>2</sub> e REDUCED |
|----------|---|---------------------------------------|
| 7.1      |  | \$ cost neutral<br>(-\$10 to \$10/MT) |
|          | LOW MED HIGH  |                                       |




In communities across the state, the local waste utility picks up kitchen scraps along with the yard waste in the curbside bin. These scraps are then composted along with the yard waste. The inclusion of kitchen scraps in the yard waste bin decreases the need for landfill-bound garbage collection, allowing some customers to downsize their garbage collection bins, possibly saving money over all.

Tualatin will offer a curbside composting (also known as residential organics) pilot program so residents can put food waste into yard debris bins. The pilot program will run from July 1, 2023 to December 2023. After that, the City Council will decide whether or not to add this additional service into the regular garbage rates.



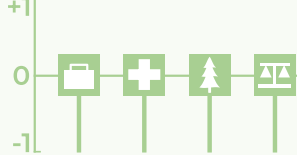



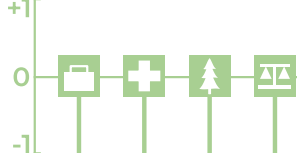

Increasing the rate of landfill diversion of organic materials (composting) could help reduce Tualatin's carbon emissions by about 21,000 MT CO<sub>2</sub>e by 2050, representing about 0.002% of the emissions reductions needed to meet Tualatin's goal of net zero by 2050.



### Key

|   |   |   |
|---|---|---|
|  |  |  |
| Low (0-399,999 MTCO <sub>2</sub> e)   | Medium (400,000-1,799,999 MTCO <sub>2</sub> e)                                      | High (1,800,000-8,000,000 MTCO <sub>2</sub> e)  |
| \$\$\$<br>significant savings (>\$100/MT)   | \$\$<br>savings (\$10-100/MT)   | \$<br>cost neutral (-\$10 to \$10/MT)   |
|   |   | \$\$\$<br>significant cost (>\$100/MT)  |

# Actions

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|--|---|---|--|---|---|
| <b>7.1.1 Require curbside composting at multifamily housing sites.</b> The City of Tualatin is conducting a residential organics (curbside composting) pilot program with Republic Services from July to December 2023. Tualatin residents who live in in single-family, duplex, triplex, or fourplex homes will be able to include food scraps in their green yard debris curbside carts.   | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• City of Tualatin Public Works Department</li> <li>• Republic Services</li> </ul> <b>PROGRAM</b> <ul style="list-style-type: none"> <li>• Residential Organics (Curbside Composting) pilot program</li> </ul> |  | <b>M A S</b> >>><br><br>• Environmental                                     |  |  |
| <b>7.1.2 Educate community members about best practices for curbside composting to support the curbside composting programs.</b> The City of Tualatin is conducting a residential organics (curbside composting) pilot program with Republic Services from July to December 2023. Tualatin residents who live in in single-family, duplex, triplex, or fourplex homes will be able to include food scraps in their green yard debris curbside carts. | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• City of Tualatin Public Works Department</li> <li>• Republic Services</li> </ul> <b>PROGRAM</b> <ul style="list-style-type: none"> <li>• Residential Organics (Curbside Composting) pilot program</li> </ul> |  | <b>M A S</b> * >>><br><br>• Connected, Informed, Engaged<br>• Environmental |  |  |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH &amp; SAFETY





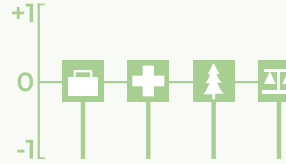




ECOSYSTEM &amp; WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|---|---|---|---|---|---|
| <div>IN PROGRESS</div> <p><b>7.1.3 Support Washington County's commercial and industrial composting program.</b> Currently, the City supports the program by sharing information and assisting with compliance, if needed. In 2019, the City adopted Ordinance 1420-19 to reinforce the goals of the program.</p> | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Public Works Department</li> <li>• Washington County</li> <li>• Republic Services</li> </ul> <p><b>PROGRAM</b></p> <ul style="list-style-type: none"> <li>• Commercial Compost Collection program</li> </ul> |  | <p>M A S</p>  <p>• Environmental</p> |  |   |
| <p><b>7.1.4 Work with Republic Services to incentivize reduced food waste.</b> Look to Eugene's "Love Food Not Waste" program as a model.</p>   | <p><b>STAKEHOLDERS</b></p> <ul style="list-style-type: none"> <li>• City of Tualatin Public Works Department</li> <li>• Republic Services</li> </ul>  |  | <p>M A S</p>  <p>• Environmental</p> |  |  |

## Key

|   |   |   |   |  |  |   |   |
|---|---|---|---|--|--|---|---|
| <b>M</b> MITIGATION ACTIONS   | <b>A</b> ADAPTATION ACTIONS   | <b>S</b> SEQUESTRATION ACTIONS  |  IMPLEMENT              |  CONVENE              |  SUPPORT/ADVOCATE |  QUICK START<br> 0-5 YRS<br> 6-10 YRS<br> 10+ YRS |  YES, POLICY DECISION<br> ALIGNMENT WITH COUNCIL VISION (0-7) |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE |  |   |   |





## Strategy 7.2

## Reduce emissions from food







Producing food produces emissions, but not all foods are produced equally. Reducing emissions from food will require changes in dietary choices, as well as reducing food waste. Some foods, like meat and dairy, result in more emissions than others, like produce and cereals. For example, beef and lamb products are particularly high in emissions compared to other protein sources. The choices we make about what foods to buy and how much food to buy matter.

It is estimated that about 40% of all food in the United States is wasted. Growing and raising food sources is a resource-intensive process that requires inputs like water, fertilizer, labor, use of tools and machinery, and ultimately transportation to deliver food products from where they are grown or processed to where they will be bought and sold. All of these inputs result in some carbon emissions and contribute to climate change.





# Actions

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION |
|--|---|---|--|---|-----------------|
| <b>7.2.1 Participate in annual Food Waste Prevention Week educational campaign.</b> This campaign aims to educate and inspire real cultural change around food waste in order to help families save money, reduce the negative impact of food waste on the environment, and address hunger in our communities. Oregon DEQ convenes a group of sponsors and partners to coordinate this campaign each spring. | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• City of Tualatin Public Works Department</li> <li>• Oregon Department of Environmental Quality (ODEQ)</li> </ul> <b>PROGRAM</b> <ul style="list-style-type: none"> <li>• ODEQ's Don't Let Good Food Go Bad campaign</li> </ul> |  | <b>M A S</b> >>>  <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> <li>• Environmental</li> </ul> |  |                 |
| <b>7.2.2 Provide education about climate impacts related to food consumption.</b> Food consumption has significant climate impacts. The production and transportation of food contribute to greenhouse gas emissions, deforestation, and water scarcity. Shifting towards sustainable and plant-based diets can help reduce these climate impacts and promote a more environmentally friendly food system.   | <b>STAKEHOLDER</b> <ul style="list-style-type: none"> <li>• City of Tualatin Public Works Department</li> </ul>   |  | <b>M A S</b> >>>  <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> <li>• Environmental</li> </ul> |  |                 |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH &amp; SAFETY





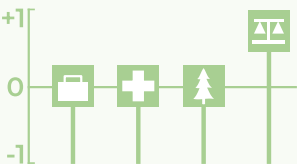

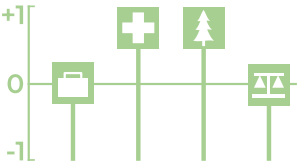
ECOSYSTEM &amp; WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS | CITY ROLE  | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION |
|--|---|--|--|---|-----------------|
| <b>7.2.3 Reduce food waste from food processors.</b> Edible food waste can be donated to food banks. Inedible food waste like food scraps can be turned into compost, animal feed, etc.        |   | <br> | <div> <div>M</div> <div>A</div> <div>S</div> <div>&gt;&gt;</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>           • Inclusive Community<br/>           • Environmental         </div> |  |                 |
| <b>7.2.4 Buy locally-sourced food.</b> Locally-produced food travels fewer miles from the farm to your table, reducing emissions from transporting food (also known as “food miles traveled”). |   |   | <div> <div>M</div> <div>A</div> <div>S</div> <div>&gt;*</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>           • Environmental         </div>   |  |                 |

## Key

|   |   |   |  |  |   |  |  |
|---|---|---|--|--|---|--|--|
| <div>M</div> MITIGATION ACTIONS   | <div>A</div> ADAPTATION ACTIONS   | <div>S</div> SEQUESTRATION ACTIONS  | <br>IMPLEMENT          | <br>CONVENE           | <br>SUPPORT/ADVOCATE | <div>*&gt;&gt;</div> QUICK START   |  YES, POLICY DECISION |
|  JOBS |  HEALTH & SAFETY |  ECOSYSTEM & WILDLIFE HEALTH |  OPPORTUNITY FOR EQUITY |  COMMUNITY ACCEPTANCE | <div>&gt;&gt;&gt;</div> 10+ YRS   | <br>ALIGNMENT WITH COUNCIL VISION (0-7) |  |



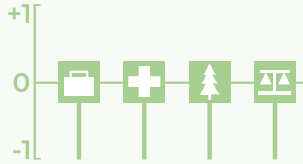



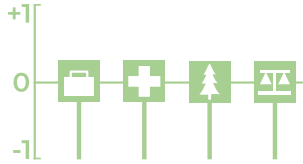



## Strategy 7.3 // Road materials management

Road construction can result in a lot of carbon emissions. There are low-emission concrete and asphalt mixes available on the market to use in road construction. Additionally, Environmental Product Declarations (EPDs) and other certifications provide credible environmental performance data for a variety of products on the market. There are also opportunities to increase the reuse and recycling of materials following the demolition of roads and other public infrastructure.



# Actions

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION   |
|---|--|---|--|---|---|
| <b>7.3.1 Update Public Works construction code to require low emission concrete and asphalt materials.</b> These could include warm mix asphalt (WMA), supplementary cementitious materials (SCMs) for portland cement, etc   | <b>STAKEHOLDERS</b><br>• City of Tualatin Public Works and Community Development Departments |  | <br>• Environmental |  |  |
| <b>7.3.2 Determine the most effective policy and program pathway(s) to require construction and demolition waste materials to be sorted for reusable or recyclable materials.</b> Sorting materials out for reuse and recycling can help to reduce demand for raw materials. This helps to reduce the carbon intensity of construction materials. | <b>STAKEHOLDER</b><br>• City of Tualatin Public Works Department<br>• Republic Services      |  | <br>• Environmental |  |  |

## Key

**M** MITIGATION ACTIONS

**A** ADAPTATION ACTIONS

**S** SEQUESTRATION ACTIONS

 IMPLEMENT

 CONVENE

 SUPPORT/ADVOCATE

 JOBS

 HEALTH & SAFETY

 ECOSYSTEM & WILDLIFE HEALTH

 OPPORTUNITY FOR EQUITY

 COMMUNITY ACCEPTANCE

 QUICK START  
 0-5 YRS  
 6-10 YRS  
 10+ YRS

 YES, POLICY DECISION

 ALIGNMENT WITH COUNCIL VISION (0-7)





## Strategy 7.4 // Reduce consumption of new materials

According to DEQ's materials management pyramid, reducing consumption, particularly of new materials, is the most preferred way to reduce waste. Reducing consumption of new materials can be achieved through prioritizing the repair of broken items instead of buying new and sharing materials with family, friends, and neighbors.

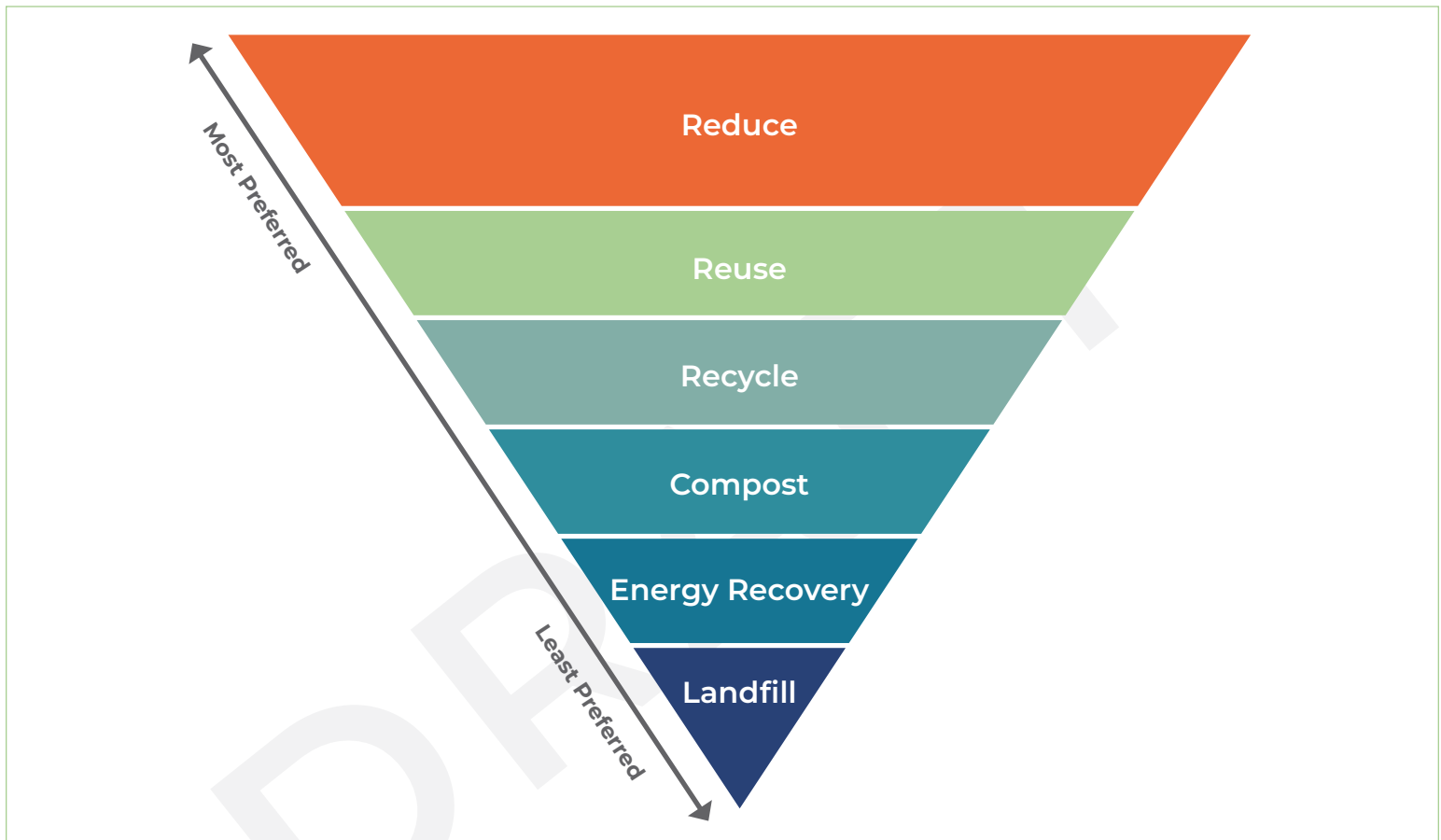



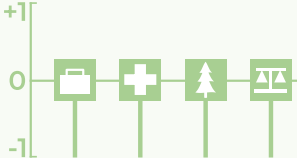






FIGURE 34: Materials management pyramid from Oregon DEQ.

# Actions

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS   | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION |
|--|---|---|--|---|-----------------|
| <b>7.4.1 Host and promote Repair Fairs to help consumers repair goods and instruct participants how to make their own repairs.</b> Repair Fairs help consumers avoid purchasing more goods. Repair services are available for a variety of products, including small appliances such as lamps and toasters, tools, clothing and textiles, small electronics, home and garden tools, furniture, and toys. | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• City of Tualatin Public Library</li> <li>• Washington County Health &amp; Human Services (HHS)</li> </ul>                      |  | <b>M A S</b> <br><br>• Connected, Informed, Engaged<br>• Environmental |  |                 |
| <b>7.4.2 Expand Library of Things offerings to increase community access to minimal-use items (such as power tools, home appliances, entertainment, etc.).</b> Communicate about Library of Things offerings to increase public awareness of this resource. Consider expanding to a “tool library” model to increase access to useful tools.   | <b>STAKEHOLDER</b> <ul style="list-style-type: none"> <li>• City of Tualatin Public Library</li> </ul> <b>PROGRAM</b> <ul style="list-style-type: none"> <li>• Library of Things</li> </ul> |  | <b>M A S</b> <br><br>• Environmental                                   |  |                 |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



JOBS



HEALTH &amp; SAFETY



ECOSYSTEM &amp; WILDLIFE HEALTH








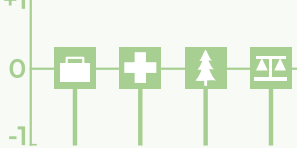



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE



ALIGNMENT WITH COUNCIL VISION (0-7)

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION |
|--|---|---|--|---|-----------------|
| <b>7.4.3 Join Tualatin's "Buy Nothing" group on Facebook.</b> The Buy Nothing project aims to "empower each of us to keep even more items in use, while we build strong communities and sustainable livelihoods for the makers, fixers, and others who transform old into new, over and over again." | <b>PROGRAM</b><br>• Buy Nothing Tualatin            |  | <div> <div>MAS</div> <div>  </div> </div> <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> <li>• Environmental</li> </ul> |  |                 |
| <b>7.4.4 Conduct an educational campaign to increase awareness about the impacts of consumer choices on emissions.</b> Consumer goods can have large or small carbon footprints depending on where and how they are made, and what they are made out of.   |   |  | <div> <div>MAS</div> <div>  </div> </div> <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> <li>• Environmental</li> </ul> |  |                 |
| <b>7.4.5 Create a directory of repair services near Tualatin.</b> Repairing broken items instead of buying new can help community members save money and reduce their emissions from new goods.  |   |  | <div> <div>MAS</div> <div>  </div> </div> <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> <li>• Environmental</li> </ul> |  |                 |

## Key

M

MITIGATION ACTIONS

A

ADAPTATION ACTIONS

S

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH & SAFETY



ECOSYSTEM & WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE



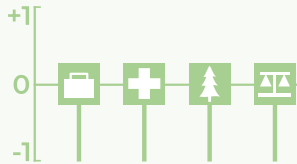


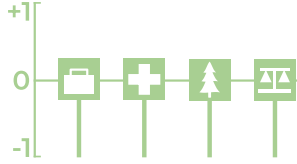


## Strategy 7.5 // Responsible waste management

Does this go in the trash, the recycling, or the compost bin? The responsible waste management strategy seeks to empower community members to understand how to manage waste appropriately to reduce their environmental impact.





| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS  | CITY ROLE   | CHARACTERISTICS  | CO-BENEFITS   | POLICY DECISION |
|--|--|---|--|---|-----------------|
| <b>7.5.1 Develop a simple and comprehensive waste and consumption public educational campaign touching on topics such as recycling, food waste, and low-impact consumption practices.</b> Simplifying the information into a one-stop-shop for waste prevention and management can help community members think about the life cycle of the goods they buy and empower them to make informed consumer decisions. | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• Washington County Solid Waste &amp; Recycling</li> <li>• Metro</li> </ul>   |  | <b>M A S</b> >>>  <ul style="list-style-type: none"> <li>• Connected, Informed, Engaged</li> <li>• Environmental</li> </ul> |  |                 |
| <b>7.5.2 Educate students about recycling and composting best practices.</b> If students learn about how to recycle and compost and school, they are more likely to share that information with their families and practice those habits at home.  | <b>STAKEHOLDERS</b> <ul style="list-style-type: none"> <li>• Tigard-Tualatin School District (TTSD)</li> <li>• Metro</li> </ul> <b>PROGRAM</b> <ul style="list-style-type: none"> <li>• Metro resource conservation and recycling education classroom presentations</li> </ul> |  | <b>M A S</b> >>>  <ul style="list-style-type: none"> <li>• Environmental</li> </ul>   |  |                 |

## Key

**M**

MITIGATION ACTIONS

**A**

ADAPTATION ACTIONS

**S**

SEQUESTRATION ACTIONS



IMPLEMENT



CONVENE



SUPPORT/ADVOCATE



QUICK START

0-5 YRS



6-10 YRS



10+ YRS



YES, POLICY DECISION



ALIGNMENT WITH COUNCIL VISION (0-7)



JOBS



HEALTH &amp; SAFETY



ECOSYSTEM &amp; WILDLIFE HEALTH



OPPORTUNITY FOR EQUITY



COMMUNITY ACCEPTANCE








## Strategy 7.6 // Reduce emissions from landscaping

Gas-powered landscaping tools, like mowers and leaf blowers, are sources of carbon emissions. Switching to electric or battery-powered tools can reduce emissions and have the added bonus of operating more quietly than their gas-powered counterparts.



## Actions

| ACTION   | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS | CITY ROLE   | CHARACTERISTICS   | CO-BENEFITS   | POLICY DECISION   |
|--|---|---|---|---|---|
| <p><b>7.6.1 Ban small-motor, gasoline-powered landscaping equipment, like leaf blowers, lawn mowers, etc.</b> According to the Environmental Protection Agency, gasoline-powered lawn and garden equipment accounts for a major portion of nonroad gasoline emissions. They also emit pollutants that are harmful to human health.</p> |   |  | <div> <div>M</div> <div>A</div> <div>S</div> <div>»»</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>• Environmental</div> |  |  |

### Key

The diagram illustrates the alignment of various actions with the Council Vision (0-7). It is organized into two rows of icons, each with a corresponding label and a timeline indicator.

**Top Row:**

- MITIGATION ACTIONS** (Icon: M)
- ADAPTATION ACTIONS** (Icon: A)
- SEQUESTRATION ACTIONS** (Icon: S)
- IMPLEMENT** (Icon: Gear with lightbulb)
- CONVENE** (Icon: Gear with people)
- SUPPORT/ADVOCATE** (Icon: Gear with hand)
- QUICK START** (Icon: Arrow with asterisk)
- YES, POLICY DECISION** (Icon: Checklist with checkmark)

**Bottom Row:**

- JOBS** (Icon: Briefcase)
- HEALTH & SAFETY** (Icon: Plus sign)
- ECOSYSTEM & WILDLIFE HEALTH** (Icon: Tree)
- OPPORTUNITY FOR EQUITY** (Icon: Scales)
- COMMUNITY ACCEPTANCE** (Icon: Thumbs up)
- 0-5 YRS** (Icon: Arrow)
- 6-10 YRS** (Icon: Arrow)
- 10+ YRS** (Icon: Arrow)
- ALIGNMENT WITH COUNCIL VISION (0-7)** (Icon: Camera lens)





## Strategy 7.7 // Refrigerants Management (AIM Act)

The refrigerants management strategy is estimated to have a relatively low emissions reduction benefit at 323,800 MT CO<sub>2</sub>e. It is categorized as cost neutral and refrigerants will be regulated by the EPA.

| STRATEGY | GHG BENEFIT (MT CO <sub>2</sub> e AVOIDED) | COST PER MT CO <sub>2</sub> e REDUCED |
|----------|--|---------------------------------------|
| 7.7      | <br>LOW MED HIGH                           | \$ cost neutral<br>(-\$10 to \$10/MT) |

Refrigerants are extremely potent greenhouse gases that are used in appliances, like refrigerators, and systems, like air conditioning, that we use every day. The American Innovation and Manufacturing (AIM) Act was enacted by Congress on December 27, 2020 to reduce emissions from refrigerants. The AIM Act directs EPA to address hydrofluorocarbons (HFCs) by phasing down production and consumption, maximizing reclamation and minimizing releases from equipment, and facilitating the transition to next-generation technologies through sector-based restrictions.

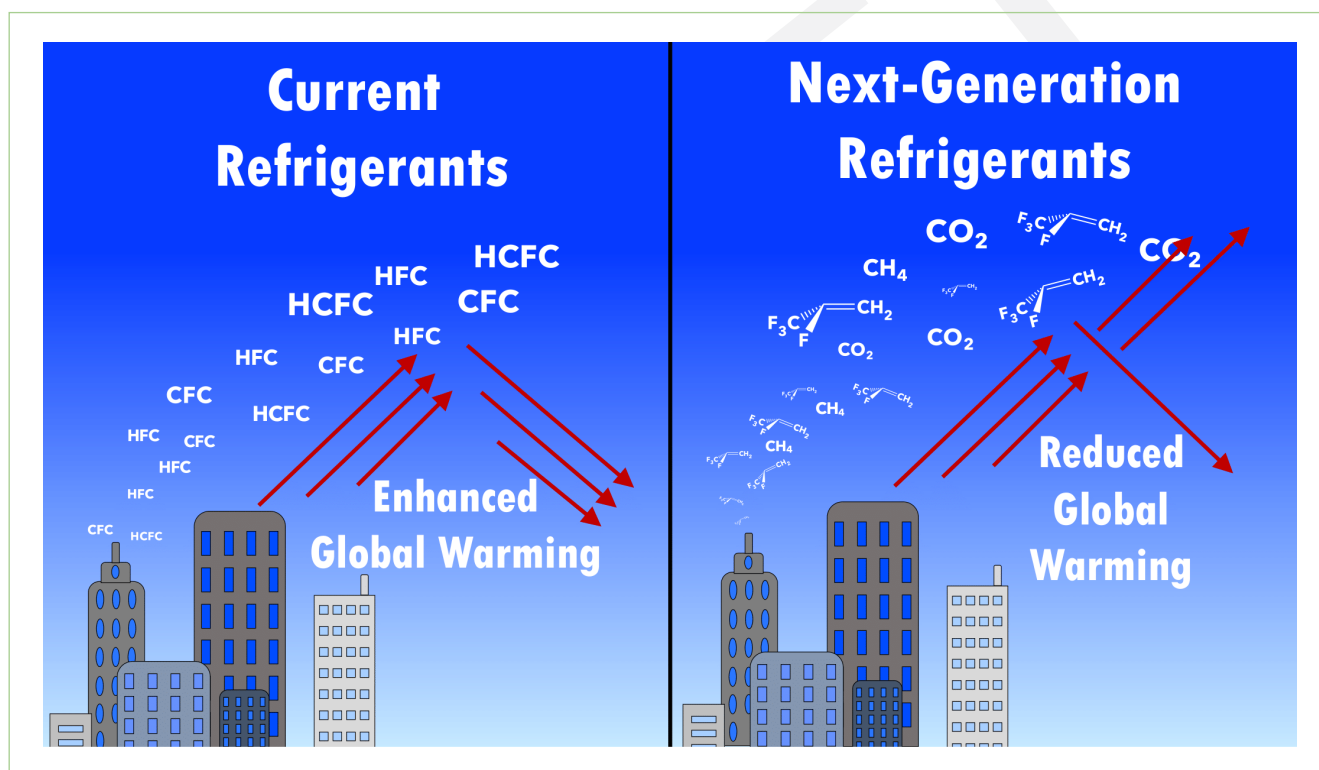





FIGURE 35: Current refrigerants are made up of greenhouse gases, like HFCs, that are highly effective at trapping heat in the atmosphere. Next-generation refrigerants will be engineered to trap less heat, contributing less to global warming.

### Key

Key

|   |   |   |                            |  |
|---|---|---|----------------------------|--|
|  |  |  |                            |  |
| Low (0-399,999 MTCO <sub>2</sub> e)   | Medium (400,000-1,799,999 MTCO <sub>2</sub> e)                                      | High (1,800,000-8,000,000 MTCO <sub>2</sub> e)  |                            |  |
| \$\$\$<br>significant savings (>\$100/MT)   | \$\$<br>savings (\$10-100/MT)   | \$<br>cost neutral (-\$10 to \$10/MT)   | \$\$<br>cost (\$10-100/MT) | \$\$\$<br>significant cost (>\$100/MT) |

# Actions

| ACTION  | STAKEHOLDERS, PROGRAMS, & PLANNING/POLICY DOCUMENTS        | CITY ROLE | CHARACTERISTICS  | CO-BENEFITS | POLICY DECISION |
|---|--|-----------|--|-------------|-----------------|
| <b>7.7.1 Incentivize smaller supermarkets and restaurants to upgrade their refrigeration systems as low-carbon refrigerants become standard and high-carbon refrigerants are phased out.</b> The American Innovation and Manufacturing (AIM) Act authorizes the Environmental Protection Agency to address carbon emissions from refrigerants by phasing down their production and consumption, maximizing reclamation and minimizing releases from equipment, and facilitating the transition to next-generation technologies through sector-based restrictions. | <b>STAKEHOLDER</b><br>• Small supermarkets and restaurants |           | <div> <div>M</div> <div>A</div> <div>S</div> <div>&gt;&gt;&gt;</div> </div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>           • Economy<br/>           • Environmental         </div> |             |                 |

## Key

|                             |                             |                                |                        |                      |                  |   |   |
|-----------------------------|-----------------------------|--------------------------------|------------------------|----------------------|------------------|---|---|
| <b>M</b> MITIGATION ACTIONS | <b>A</b> ADAPTATION ACTIONS | <b>S</b> SEQUESTRATION ACTIONS | IMPLEMENT              | CONVENE              | SUPPORT/ADVOCATE | QUICK START<br>0-5 YRS<br>6-10 YRS<br>10+ YRS | YES, POLICY DECISION<br>ALIGNMENT WITH COUNCIL VISION (0-7) |
| JOBS                        | HEALTH & SAFETY             | ECOSYSTEM & WILDLIFE HEALTH    | OPPORTUNITY FOR EQUITY | COMMUNITY ACCEPTANCE |                  |   |   |





SECTION 4

# NEXT STEPS



# ONGOING CLIMATE ACTION EFFORTS

We know that achieving our goal of net zero carbon emissions by 2050 won't be easy and we can't do it alone. We also know that it's not too late to take action to ensure that our community is a healthy and thriving place to live now and for generations to come. The community Climate Action Plan was created to provide a comprehensive framework to reduce carbon emissions and prepare the Tualatin community for the local impacts of climate change that we have already begun to experience.

To achieve Tualatin's climate goals, the city aims to prioritize actions that enhance equity, provide benefits to the community, and build on partnerships with other agencies, community organizations, and the business community. Climate mitigation and resilience work is already happening, and will continue, at multiple levels, including at the local, state, and federal levels.

## Community

No individual action, city effort, or statewide program will ultimately be the sole reason for success in reducing carbon emissions and adapting to a changing global climate. However, the cumulative actions that we take together can, and will, make a difference for Tualatin residents, Oregonians, Americans, and people around the globe.

Community engagement doesn't stop with the adoption of this plan. The City will continue to engage with community members as we move towards implementing the actions in this plan to ensure that the community has a voice in how change is made. Additionally, our What You Can Do factsheets provide information on how you can begin to reduce your carbon footprint today.

## Locally

The energy and water utilities that serve the Tualatin community, parks and government agencies, transportation and waste service providers, as well as housing and sustainability professionals have all been important partners developing the climate action plan and will play key roles in its implementation.

Many of our partners are working towards their own climate goals. Two key utility providers in Tualatin have established carbon pollution reduction targets. PGE's goal is to achieve "at least an 80% reduction in greenhouse gas emissions from power served to customers" by 2030 and "zero greenhouse gas emissions from power served to customers" by 2040. Under Portland's Climate Emergency Declaration, the City of Portland aims to "achieve a 50% reduction in carbon emissions from 1990 levels by 2030, and reach net-zero carbon emissions before 2050."

We look forward to building on these relationships and making change together.

## Regionally

Tualatin is a member of the Partners for a Sustainable Washington County Community and USDN Cascadia Network groups. These groups share best practices and collaborate on regionally-applicable projects. The City is also partnering with Metro on the development of a regional climate action plan funded by the EPA's Climate Pollution Reduction Grant (CPRG).



## Statewide

In 2007, Oregon legislators adopted a policy to achieve a goal of reducing Oregon's climate pollution by 75% by 2050. As of 2020, the state was not on track to meet this goal.

In 2021, the Environmental Quality Commission adopted rules which establish a new [Climate Protection Program](#) to reduce greenhouse gas emissions and address the effects of climate change. This rulemaking established a new program to set limits on greenhouse gas emissions from significant sources in Oregon, including large stationary sources (like buildings), transportation fuels, and other liquid and gaseous fuels; defined regulatory applicability and program requirements; and prioritized equity by promoting benefits and alleviating burdens for environmental justice and impacted communities.

The Land Conservation and Development Commission launched the [Climate-Friendly and Equitable Communities \(CFEC\) rulemaking](#) in September 2020 to address emissions from transportation. The Commission adopted rules to implement the CFEC program in July 2022 and later amended the program with temporary rules in April 2023. CFEC rules require the eight most populated communities in Oregon (including the Portland Metro Region) to change their local transportation and land use plans to do more to ensure Oregonians have more safe, comfortable ways to get around, and don't have to drive long distances just to meet their daily needs.

In April 2023, the Oregon Global Warming Commission published a [Roadmap to 2030](#) to guide climate action at the state level. The roadmap includes six overarching strategies for maintaining and increasing Oregon's climate action ambition.

## Federally

Tualatin is a member of the Urban Sustainability Directors Network (USDN), an organization that focuses on creating equitable, resilient, and sustainable communities by advancing the field of local government sustainability and equipping practitioners across the U.S. to be catalysts of transformative change.

The City is a member of the Climate Mayors Network, a group of over 500 cities across the U.S. who have committed to emissions reduction and upholding the Paris Climate Agreement through significant climate action and policy.

There is an abundance of federal funding opportunities for climate pollution reduction projects through the Infrastructure Investment and Jobs Act (IIJA, also known as the Bipartisan Infrastructure Law) of 2021 and the Inflation Reduction Act (IRA) of 2022. The City is partnering with Forth Mobility and other nearby municipalities to pursue \$15 million in funding for electric vehicle charging and fueling infrastructure. This funding is one of many opportunities made available through the IIJA.

# PUTTING THE PLAN INTO ACTION

## What's next?

Creating a Climate Action Plan is a meaningful first step towards addressing climate change in Tualatin. Implementation of the actions in this plan can begin once the plan is adopted by the City Council. However, we will only achieve our ambitious goal if we invest time, energy, and resources in taking action. Here are 7 actions the City could implement in the next 5 years to help Tualatin institutionalize climate action and achieve its climate goals.

## Actions

| ACTION  |
|---|
| <b>Create a climate action staff advisory group to select priorities and projects, increase buy-in, and move actions included in the plan forward.</b> This could be modeled after the Neighborhood Transportation Safety Program group, and/or could be a continuation of the existing Climate Action Plan Steering Committee.   |
| <b>Develop a climate action engagement strategy to be used during plan implementation.</b> Engagement efforts should focus on information sharing, gathering feedback on the implementation of specific actions, and celebrating the climate action work already being completed by community members.  |
| <b>Hire a professional facilitator (consultant) to facilitate climate action-focused project ideation workshops to better prepare for federal funding dollars.</b>  |
| <b>Fund one (1) full time employee to manage implementation of the Climate Action Plan.</b> Implementation of the CAP will require ongoing stakeholder coordination, project management, identifying and obtaining external funding (Climate & Sustainability Analyst).   |
| <b>Add a 'Climate Impacts' section to all staff reports for City Council and the Planning Commission.</b> Similar to the 'Financial Implications' section on the existing staff report template, including a dedicated section will require staff and elected officials to consider how a given recommendation impacts Tualatin's climate goals.  |
| <b>Include 'Climate Impacts' as a scoring criteria in Requests for Proposals (RFPs) for City projects.</b> Including climate impacts as a scoring criteria could be a good tool to help staff differentiate between proposing firms.  |
| <b>Increase communication and education around climate change for community members and City staff.</b> This action acknowledges that it is important to keep the conversation about climate going after the plan is adopted. Focus on highlighting 'climate wins' that are taking place in the community to inspire action, and provide information on actions that folks can take at the individual or household level. |

Completion of the community Climate Action Plan is just the start. The City is also considering undertaking an operational climate action plan to address emissions from City operations, as well as a Sustainability Plan to address broader issues that impact the environment. Together, we can create a more resilient and thriving Tualatin.

DRAFT

# APPENDICES

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# APPENDIX 1: CLIMATE 101 - FUTURE PHYSICAL CONDITIONS TECHNICAL READER



# Future Physical Conditions and Climate 101 – Technical Reader

June 2022



Report produced by Good Company  
for the City of Tualatin



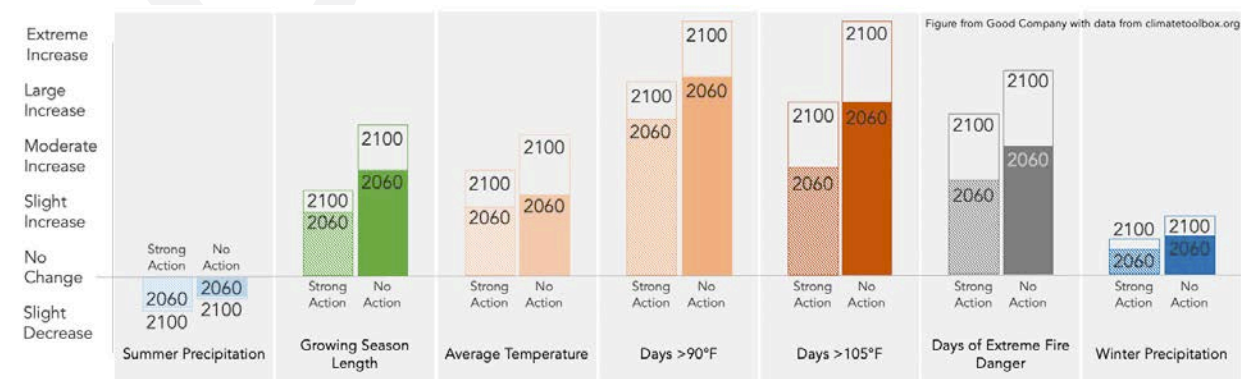
# Future Physical Conditions – How Will Climate Change Affect Tualatin?

The intention of this document is to help the people of Tualatin understand the local impacts of climate change and the impact that our actions (or inactions) can have to ensure that Tualatin can continue to be a prosperous, just, and beautiful place to live. Where possible, we share what the differences in future physical conditions will be if we and the rest of the world take action to reduce emissions (Strong Climate Action scenario) compared to if we do not take action (No Climate Action scenario). Figure 1 shows a summary of the expected changes from 2060 to 2100 with and without climate action. Tualatin acknowledges that climate change will impact historically underserved communities first and worst, and is committed to devoting resources to engage with, listen to, and better serve these communities moving forward.

## Snapshot: It's Going to Get Hotter with More Intense Rain Events

Figure 1 compares the scale of change in key factors by mid-century and by the end of the century under strong climate action and no climate action scenarios. In both scenarios, we will feel the impacts of climate change and will need to adapt but if we act quickly, we can avoid the worst of the impacts.

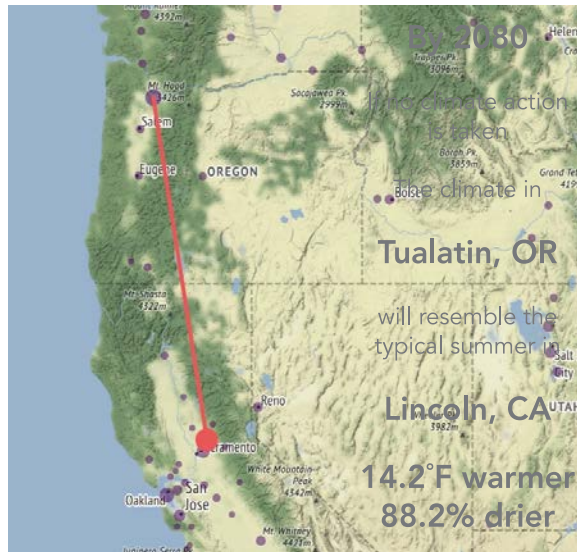
**Figure 1: Climate change depending on global climate action** (Good Company figure, Climate Toolbox data)



By the end of the century, without climate action, Tualatin is likely to *experience a summer climate much like California's Sacramento Valley*<sup>1</sup>. (Figure 2) The number of days over 90 degrees every summer are expected to increase dramatically: *from a historical average of 6 to nearly 60 by the end of the century*. In contrast, if we take strong climate action, *we can constrain the number of hot days to under 30*.

In terms of water, Tualatin will have *mostly unchanged total rainfall with an increase in big storm events ("atmospheric rivers") resulting in more rainfall over shorter periods of time*. The Tualatin River watershed is in the coast range and does not rely on snowpack for year-round flow and so flow through Tualatin will remain largely unchanged. The Willamette River, on the other hand, relies on disappearing winter snows for its summer flow and will experience drastically decreased flows in the summer.

**Figure 2: Tualatin will be like Central California**



## Wet Season

### Precipitation

Overall rainfall quantities will remain nearly unchanged for Tualatin. The most noticeable change will be an increase in “atmospheric rivers”, weather systems that bring large storms with heavy precipitation. Maybe Oregonians will finally start carrying umbrellas.

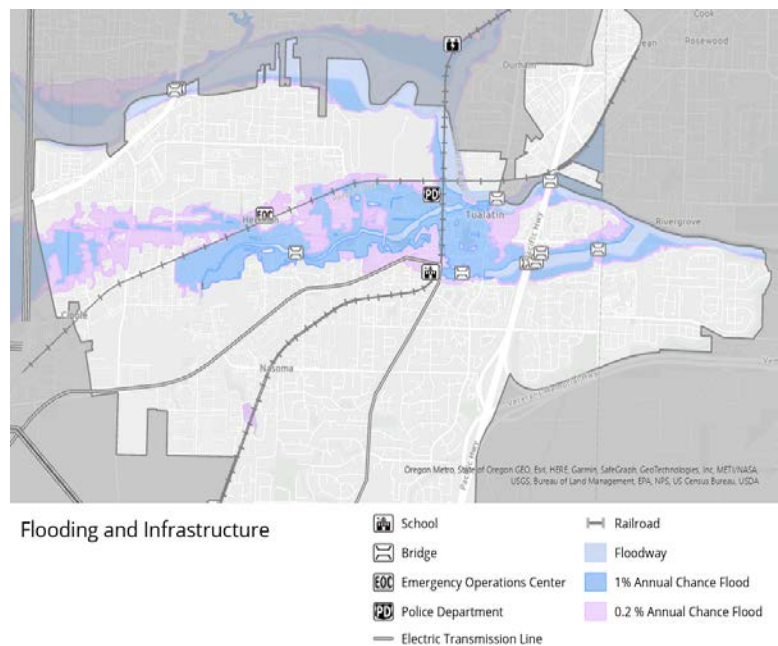
### Flooding

Flooding is extremely location-specific and dependent on the local topography. Figure 3 shows the current flood map for Tualatin. The darker blue areas show where historically there has been a 1% chance of a flood occurring in a year (1 in 100 chance). This is sometimes known as the hundred-year flood. The pink area shows where there has been a 0.2% chance of flooding in a given year (known as a 500 year flood). As of the time this

<sup>1</sup> From University of Maryland Center for Environmental Science. <https://fitzlab.shinyapps.io/cityapp/>

document was written (spring 2022) FEMA had not yet released the most recent flood maps, so this map only reflects historical conditions. In the future, however, increased severity of rain events is likely to increase the likelihood and severity of flooding. The increased chance means the blue area may come to represent a 2-5% chance per year (50 to 20 year flood), and the pink areas may expect flooding every hundred instead of five-hundred years. In short, larger flooding events are becoming increasingly likely.

**Figure 3: Current Flood Map**

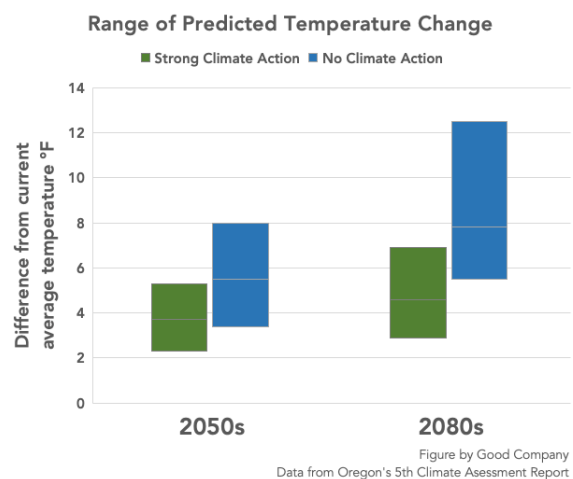


## Dry Season

### Heat

As mentioned before, an increase in average temperatures is expected whether we take action on climate or not, but we can avoid the worst of it (Figure 4). While rising temperatures create risk for plants and animals (including humans), higher temperatures will expand the growing season, creating an opportunity for agriculture. Under a strong climate action scenario, *Tualatin can expect an increase in growing season from 239 days a year to 289 days a year. Under a “no change” scenario, the growing season will be nearly the whole year at 330 days.* This change in growing season presents an opportunity for agricultural production as an increase in growing season can lead to an increase in production with appropriate crop choices. Increased

**Figure 4: Expected range of temperature change by mid and late century**





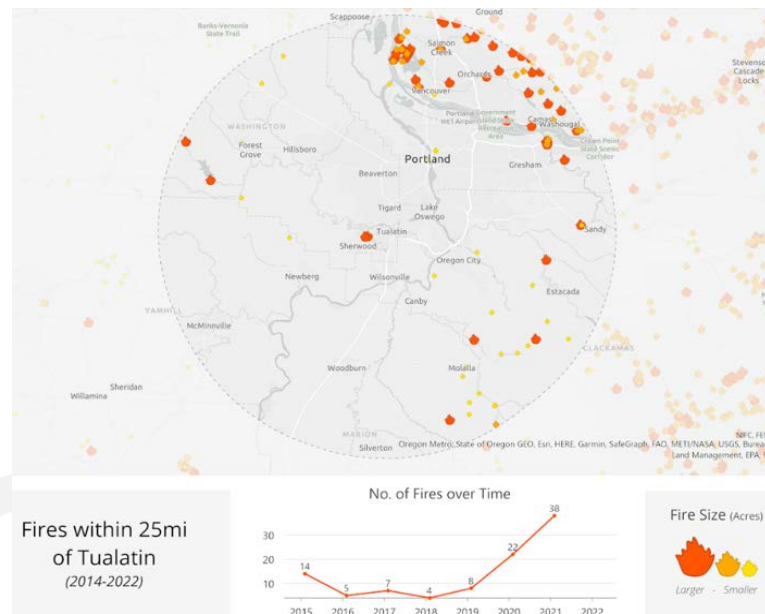
heat and decreased snow will likely lead to drought, and so increasing water storage in the Willamette basin will be critical to utilizing the expanded growing season.

## Fire

The fire pattern of the forests of the Coast Range to the west of Tualatin is characterized by infrequent, high severity fires. The combination of dense Douglas fir regrowth after logging combined with an increase in summer

heat is likely to intensify the fires, leading to more severe fires that will leave mostly-dead forest and increase burned areas. We are already seeing the devastating effects, as shown in Figure 5, with fires around Tualatin increasing steadily in the last few years. Without climate action, the current average of 10 days of extreme fire danger will double to 20 by the end of the century. Strong climate action can decrease the number of extreme fire danger days to 17.

**Figure 5: Recent fire conditions around Tualatin**



## Air Pollution

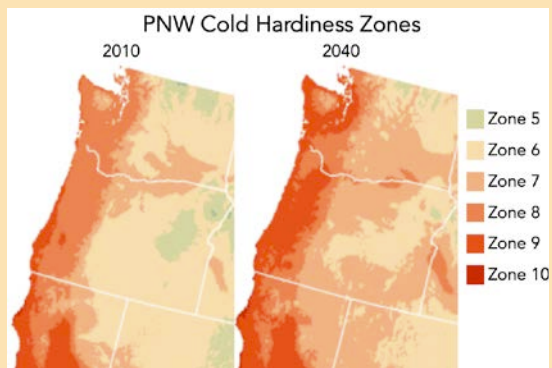
Pollen levels are expected to increase with the increase in growing season, worsening seasonal allergies. Ozone levels are also expected to climb as temperatures increase, worsening asthma, emphysema, and other respiratory disorders. Wildfire smoke is expected to increase with wildfires, not just in nearby forests, but across the West. Smoke can cause and exacerbate numerous health conditions including acute respiratory disorders like asthma, but also cardiovascular disease.

## Year-Round

### Plant and Animal Ranges Change

**Figure 6**

**Make lemonade?** The USDA defines cold hardiness zones to tell gardeners which plants will be able to survive the winter. Tualatin's zone will shift from 8b to 9a (Chico, CA) under strong climate action and to 9b (Napa, CA) under no climate action. This means more citrus trees and passion fruit but fewer apples and pears.

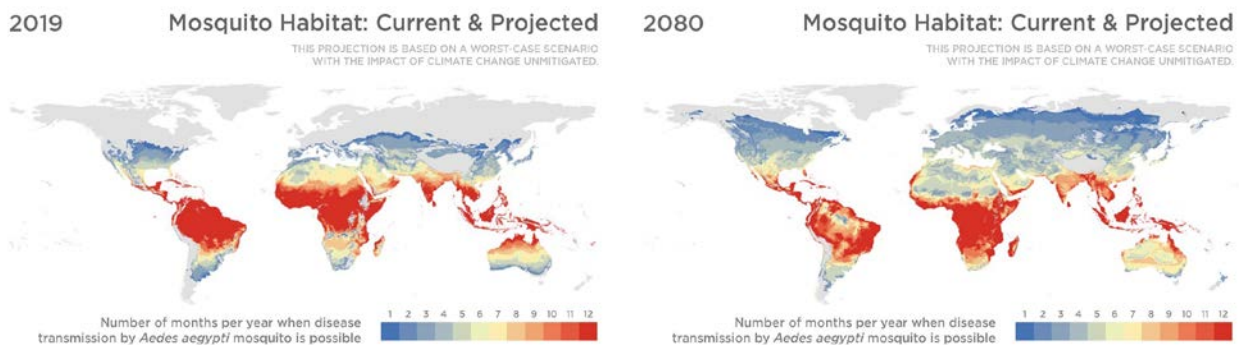


The ability of plants and animals to survive is affected by a combination of water availability and temperature. Changing either of those factors will result in a change in which plants and animals that can live around Tualatin. Although living things have some capacity to adapt to changes in their environment, the rate of climate change generally exceeds the rate of adaptation observed in the wild or in fossil records.

Many of the species that currently inhabit our forests and streams will not be able to survive in the changing conditions. For example, native trout and salmon are expected to decrease

by 60%. Other plants and animals, on the other hand, may thrive under the new conditions. warming waters are also expected to increase the frequency of harmful algal blooms. In addition, changing conditions can also change

**Figure 7: Expanding malaria mosquito habitat**

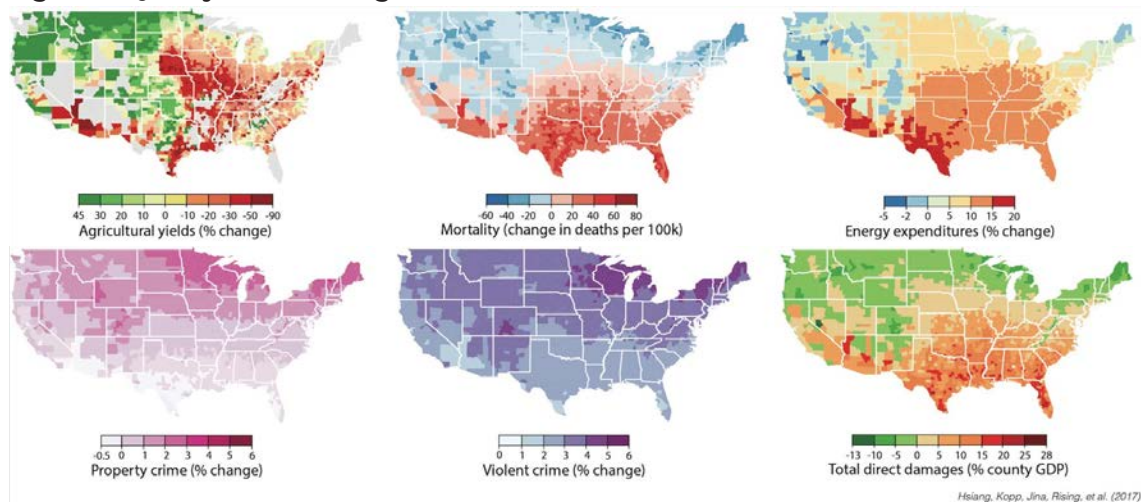


the range of diseases. The range of the mosquito that carries malaria is predicted to shift all the way up to Alaska without climate action (Figure 76<sup>2</sup>).

## Increasing Population

The United States will experience changes across an array of sectors. Overall, the Pacific Northwest will remain one of the best places to live in the country. Figure 8<sup>3</sup> shows decreasing affordability and comfort in the southern and midwestern states and more moderate changes in the northwest. This will likely lead to people moving to more comfortable conditions in the northern states. As other parts of the country suffer through droughts, hurricanes, and intolerable heat waves, it is likely that the increasing population trend in the Willamette Valley will continue, resulting in higher demand for homes and resources in our area.

**Figure 8: Quality of Life Changes Across the U.S.**



<sup>2</sup> Figure adapted from Ryan, S.J. et al, 2019. Global expansion and redistribution of Aedes-borne virus transmission risk with climate change. PLOS Negl Trop Dis. 13(3): e0007213

<sup>3</sup> Figure adapted from *Estimating economic damage from climate change in the United States*, Hsiang et al, Science 2017

## Health Effects

The Oregon Health authority put together a comprehensive assessment of how climate change will affect Oregonians' health<sup>4</sup>. We can expect many of the above-mentioned effects along with an increase in heat-related conditions, such as heat exhaustion and infectious diseases such as West Nile, Lyme, and fungal diseases. Furthermore, heat affects human health through increased stress and has been linked to increased violence<sup>5</sup> in some populations. Pregnant people, people who work outdoors, the elderly, and people without access to air conditioning are at particularly increased risk for heat stroke and other heat related conditions.

| Climate-related drivers of health: environmental hazards                               | Stress factors: inequities in social, physical environment, cultural, and economic supports   |
|--|---|
| Heat   | Systemic inequities in policies   |
| Infectious disease vectors   |   |
| Wildfire   | Inequities and unequal investment in social determinants of health (e.g., housing, education, income, wealth, transportation access, food security, income security, access to health care) |
| Air quality (e.g., pollen, wildfire smoke, smog, ozone)                                |   |
| Storms, floods, landslides   |   |
| Sea level rise   | Capacity and adaptive capacity of infrastructure, institutions, and systems to support human health (e.g., culturally specific services, surge capacity of hospitals)                       |
| Drought, water insecurity  |   |
| Effects on human health  |   |
| Hazard-related acute conditions (e.g., heat stroke, asthma attack)                     |   |
| Hazard-related chronic conditions (e.g., heart disease, diabetes, respiratory illness) |   |
| Infectious diseases (e.g., Lyme disease)   |   |
| Mental health conditions   |   |
| Adverse pregnancy outcomes   |   |

<sup>4</sup> Table from OHA Climate assessment report

<sup>5</sup> "The Causal Effect of Heat on Violence: Social Implication of Unmitigated Heat Among the Incarcerated" Anita Mukherjee and Nicholas J Saunders, National Bureau of Economic Research Working Paper 2021

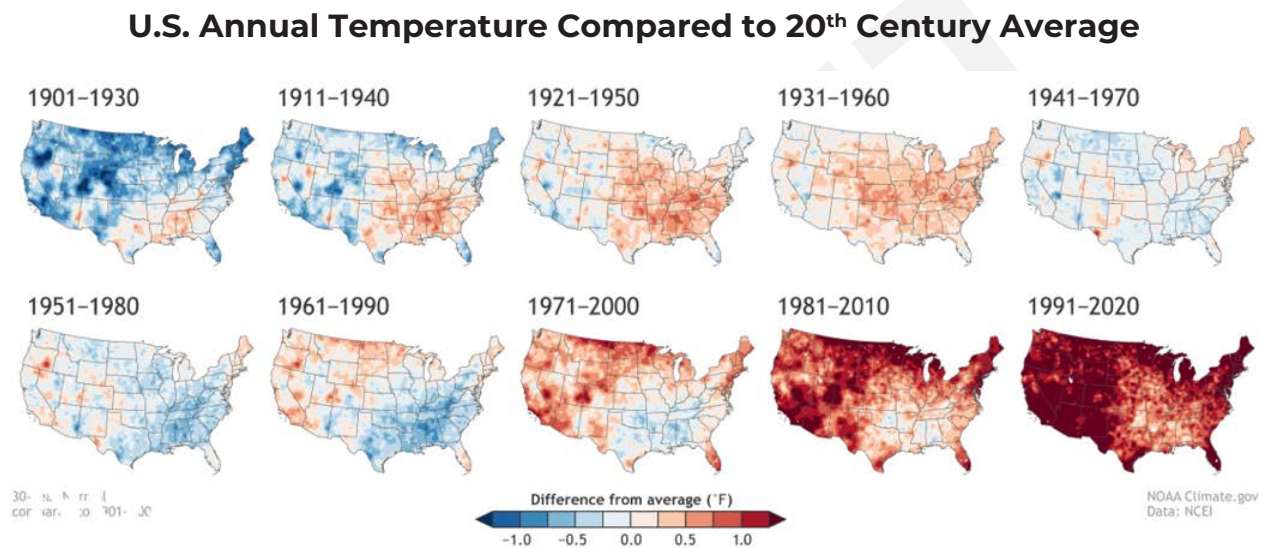


# Climate 101

## How Do We Know Climate Change Is Actually Happening?

The average temperature has unmistakably been going up over the last century, way beyond what we have seen before. This is supported by a wide range of evidence from melting glaciers<sup>6</sup> and polar ice caps<sup>7</sup> to earlier bird migrations<sup>8</sup>.

**Figure 9: Increasing temperatures across the U.S.**



**What is a Greenhouse Gas (GHG)?** Greenhouse gasses are any of a number of gasses that trap heat in the atmosphere, causing the greenhouse effect. Some are naturally produced: we breathe out carbon dioxide (CO<sub>2</sub>) and cow burps contain methane (CH<sub>4</sub>). These can also be released through human activity: burning wood or coal releases CO<sub>2</sub> and decomposition in landfills releases CH<sub>4</sub>. Burning fossil fuels such as coal and natural gas accounts for 85% of the human caused CO<sub>2</sub> emissions. Some GHGs are synthetic: hydroflourocarbons and other fluoridated gasses are used in industrial processes and refrigerants. CO<sub>2</sub> makes up most of the GHGs in the atmosphere but CH<sub>4</sub> and the synthetic gasses have a much greater ability to trap heat. Higher concentrations of these gasses in the atmosphere leads to more heat trapped on earth.

<sup>6</sup> <https://www.climate.gov/news-features/understanding-climate/climate-change-glacier-mass-balance>

<sup>7</sup> <https://e360.yale.edu/digest/theres-been-a-six-fold-increase-in-polar-ice-cap-melting-since-the-1990s>

<sup>8</sup> <https://www.scientificamerican.com/article/millions-of-birds-are-migrating-earlier-because-of-warming/>

## What is Causing Climate Change?

Climate change is caused by increased carbon dioxide (CO<sub>2</sub>) and other greenhouse gas emissions since the industrial revolution<sup>9</sup>. When coal, oil, or gas are burned, they release into the atmosphere CO<sub>2</sub> that has been trapped underground for millions of years – increasing the concentration of carbon in the atmosphere far beyond the natural balance. The massive increase in the use of fossil fuels since the industrial revolution (Figure 10<sup>10</sup>) has increased the concentration quickly.

Dramatically more people on earth (Figure 11<sup>11</sup>) and more people burning fossil fuels is filling our atmosphere rapidly and causing the change in climate to occur. When you add widespread burning of fossil fuels to the carbon cycle, plants cannot reabsorb the amount of carbon generated quickly enough. Increased concentrations of CO<sub>2</sub> and other greenhouse gases increase the earth's temperature via the greenhouse effect. In Figure 12 you can see how tightly correlated global temperature change and the

Figure 10: Increasing use of fossil fuels

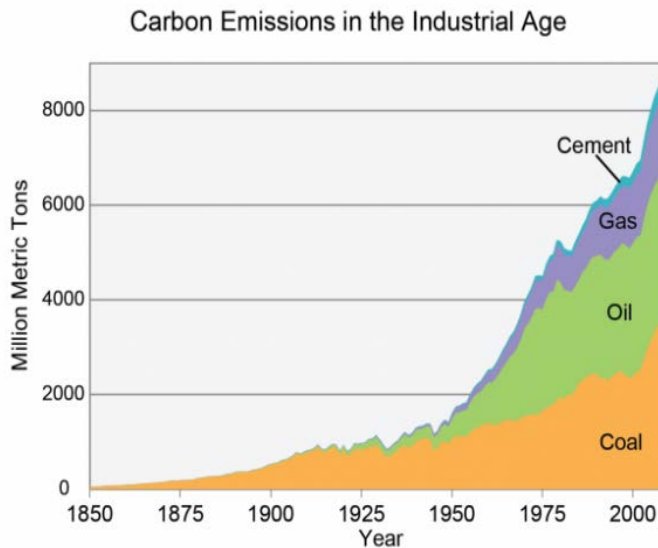
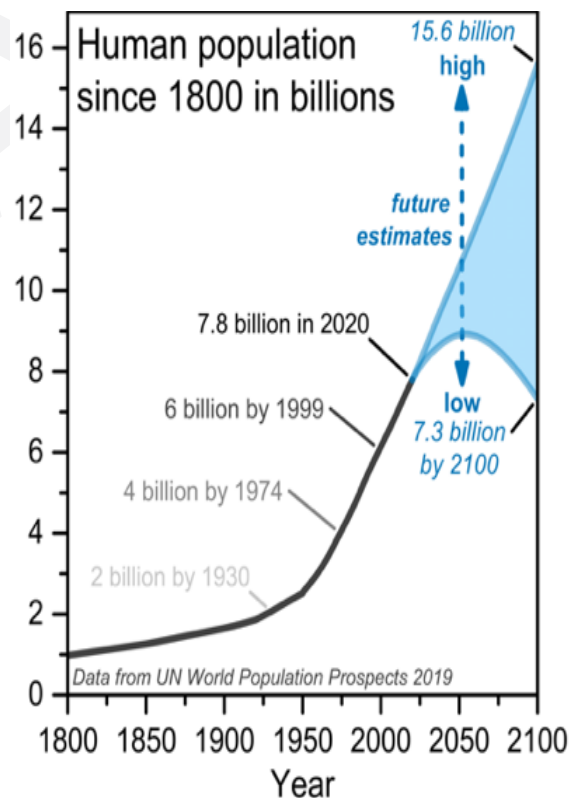


Figure 11: Increasing human population



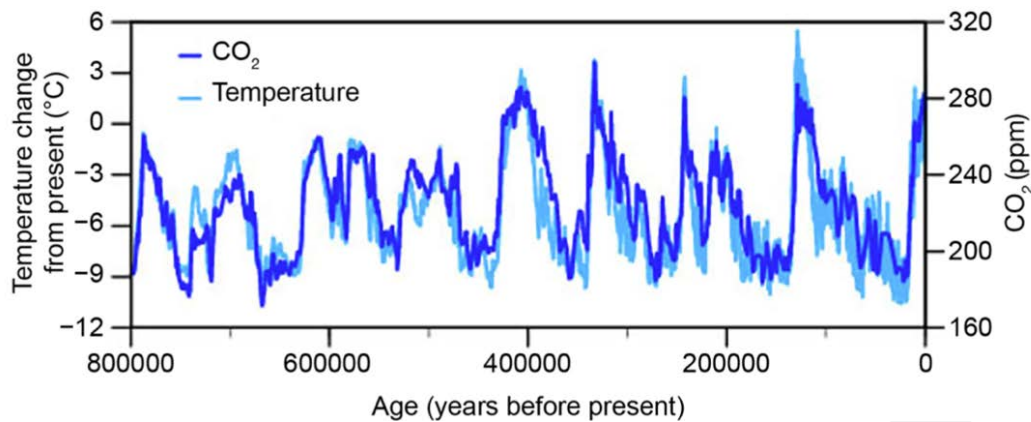
<sup>9</sup> <https://www.globalchange.gov/browse/multimedia/carbon-emissions-industrial-age>

<sup>10</sup> Figure from NOAA, Temperature Change and Carbon Dioxide Change

<sup>11</sup> Figure from Wikimedia Commons

concentration of carbon in the atmosphere have been through history.

**Figure 12:** CO<sub>2</sub> and temperature are tightly linked

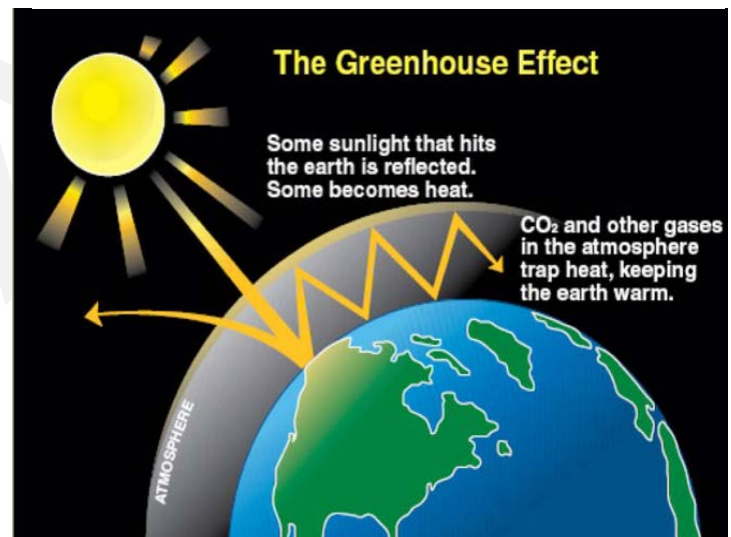


## How Does the Greenhouse Effect Work?

The atmosphere is a thin layer that extends about 7 miles off the surface of earth. The atmosphere allows light from the sun to pass through it, but it bounces heat around, a little like a clear blanket. Light from the sun is converted to heat on earth and some of that heat is trapped by the atmosphere.

The more CO<sub>2</sub> (and other greenhouse gases) in the atmosphere, the more heat is prevented from escaping the earth and the hotter things get.<sup>12</sup> It should be noted that this is not the same as the Ozone layer, which filters out ultraviolet light, but does not interact with heat in the same way.

**Figure 13:** The greenhouse gas effect



<sup>12</sup> Greenhouse effect figure created by Aaman Kler

## Haven't CO<sub>2</sub> and Temperature and Always Bounced Around? What Makes Now Different?

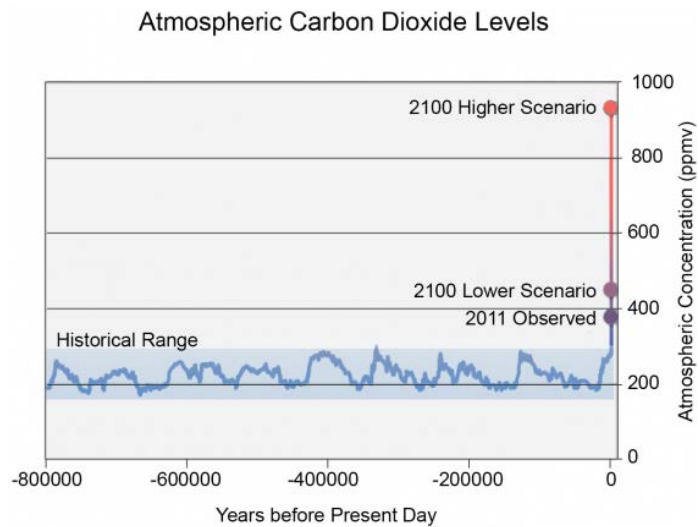
CO<sub>2</sub> has gone up and down over the course of human history, but it has never been nearly as high as it is right now (Figure 10<sup>13</sup>). For all of previous human history, CO<sub>2</sub> levels were dramatically lower than they are now, hovering between 200 and 300 parts per million. *In the last 70 years, the concentration of carbon dioxide in the earth's atmosphere increased to 415 parts per million, it has not*

*been this high since 4 million years ago, millions of years before modern humans<sup>14</sup>! Back then, the earth's temperature was an average of 7 degrees higher than now, sea levels were 80 feet higher (this would inundate most of the east coast of the US) and forests stretched all the way to the poles.<sup>15,16</sup> It was a very different earth.*

As for temperature, yes, things were much hotter (and colder) at other times, but our current temperatures are hotter than they have been for the last thousand years. In fact, temperatures haven't been this high since more than 100 thousand years ago, when humans were just moving out of Africa.

Not only are global temperatures higher than any time during the history of civilization, but they are going up fast and the full effects of increased greenhouse gasses will continue to unfold for centuries. Without climate action, our children and grandchildren will inhabit a much hotter and more hostile world.

Figure 14: Skyrocketing atmospheric CO<sub>2</sub>



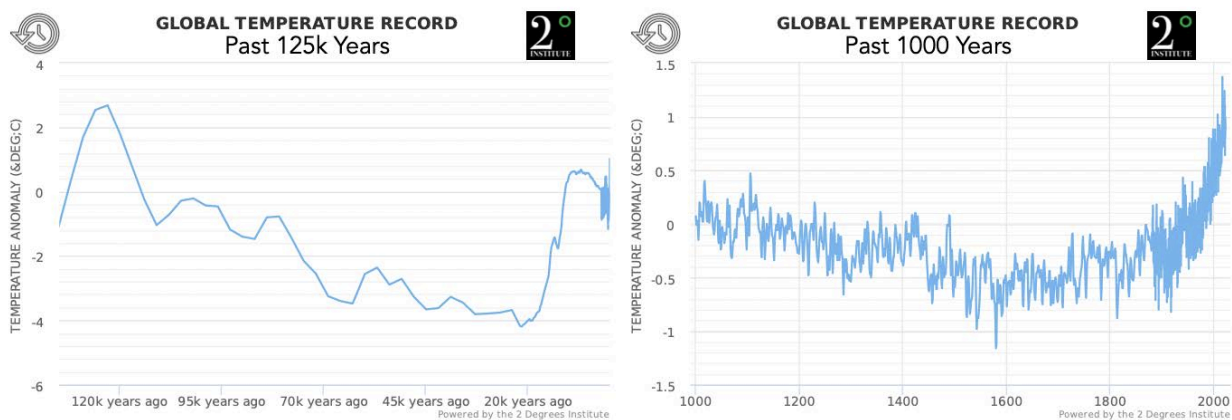
<sup>13</sup> Figure from ClimateChange.gov, Appendix 3: Climate Science Supplement of the nca3 report

<sup>14</sup> <https://theconversation.com/climate-explained-what-the-world-was-like-the-last-time-carbon-dioxide-levels-were-at-400ppm-141784>

<sup>15</sup> <https://www.theguardian.com/science/2019/apr/03/south-pole-tree-fossils-indicate-impact-of-climate-change>

<sup>16</sup> <https://www.axios.com/earth-carbon-dioxide-levels-human-history-03dc4dc7-660a-44a9-b85c-d8777c4be8c8.html>



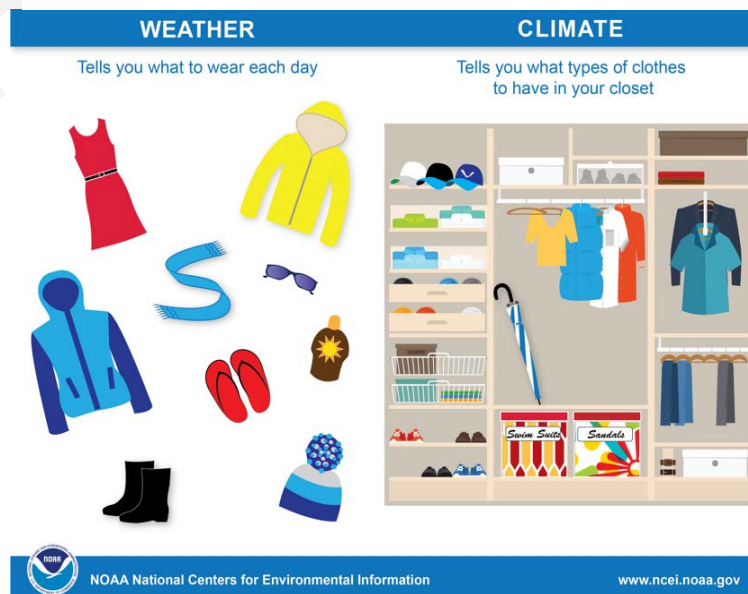
**Figure 15: Historical temperature records**

## How Could People Possibly Affect the Big, Huge Atmosphere So Fast?

The atmosphere is actually not that large compared to the size of the earth! It is only a thin layer. If the earth were a basketball, the atmosphere would be like a piece of cling film wrapped around it. Not so much, huh?

## What is the Difference Between Climate and Weather?

Climate is the general pattern: in Tualatin's climate, we get rain in winter and sun in summer. People in another climate might experience snow in winter and thunderstorms in the summer. *Climate is affected by long-term factors* like latitude and distance from an ocean, while *weather changes day to day and affected by short term factors* like air pressure and wind.

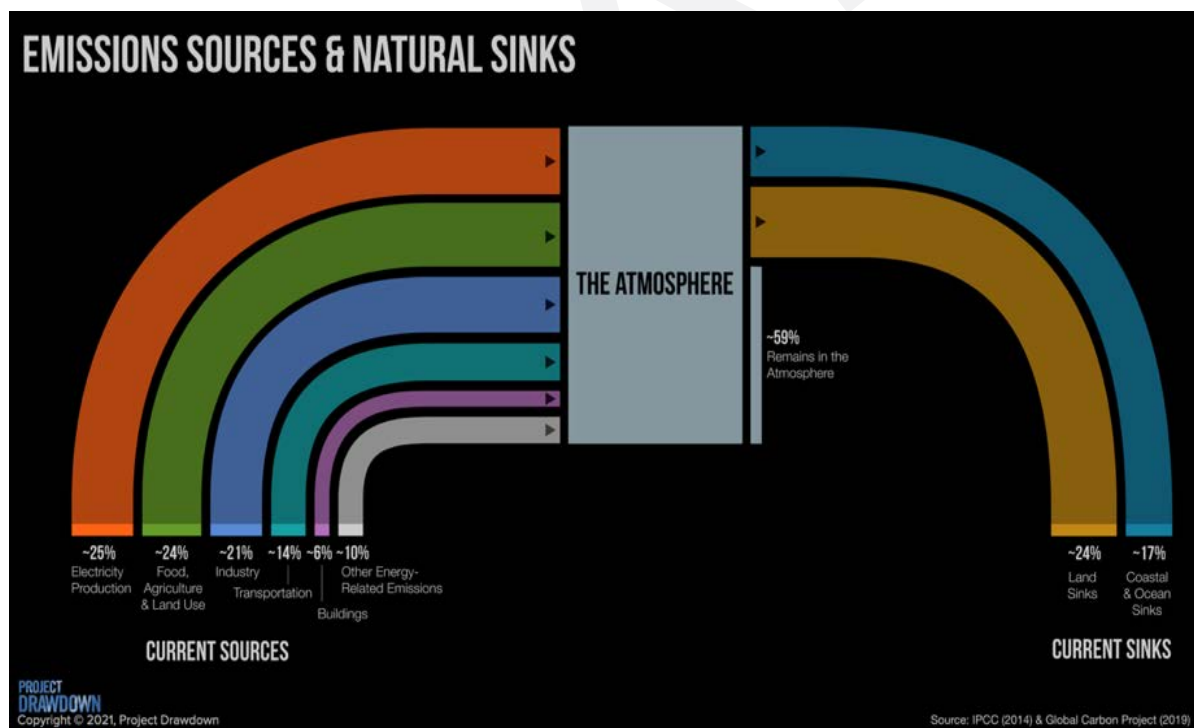
**Figure 16: Climate vs weather**

## Doesn't the Earth Regulate Itself? Shouldn't the Plants Pull in the CO<sub>2</sub> and Bring Everything Back Into Balance?

Ideally yes, but our actions have added too much CO<sub>2</sub> for the earth to reabsorb. The earth is a complex system. There are some processes that decrease the amount of CO<sub>2</sub> (these are referred to as “sequestration”)– the oceans can consume some of it, and so can the plants.

Theoretically, oceans, forests, and all vegetation on earth can absorb about 40% of all greenhouse gas emissions we are currently putting into the atmosphere. But increasing temperatures can also decrease the supply of water, making it more difficult for plants to grow. There are other feedback loops: melting snow turns white ice into dark rocks or water, absorbing heat instead of reflecting light; and melting permafrost means that a whole lot of frozen dead plants start to decay and release even more CO<sub>2</sub>. We must reduce our emissions first before the natural systems can keep up.

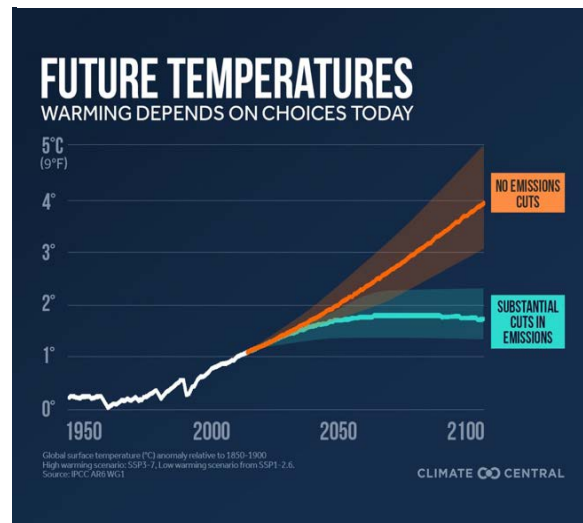
Figure 17: Earth's emissions sources vs sinks



## Is It Hopeless?

No! By switching to carbon-free electricity and fuels and employing strategies such as carbon sequestration to draw down the greenhouse gases in the atmosphere, we can avoid the worst effects of climate change. If we act now, we can improve our quality of life now, and preserve our future.

**Figure 18:** Climate action can lead to a better future



# APPENDIX 2: CITY OF TUALATIN COMMUNITY GREENHOUSE GAS INVENTORY





# City of Tualatin Community Greenhouse Gas Inventory



## Acknowledgements

### Project team

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Nic Westendorf, Deputy Public Works Director, City of Tualatin

*Special thank you to Oregon Department of Transportation, Oregon Department of Environmental Quality, and Portland General Electric, Northwest Natural, Constellation, and Calpine Energy for providing necessary data for this inventory.*

### Consulting team



Good Company, a sustainability consulting firm based in Eugene, OR conducted the analysis for the City of Tualatin. Beth Miller, Claudia Denton, and Aaron Toney of Good Company provided data gathering assistance to City staff and facilitated the use of Good Company's Carbon Calculator for Communities (G3C – Community), a proprietary GHG inventory tool, to conduct analysis. They are the primary authors of this report.

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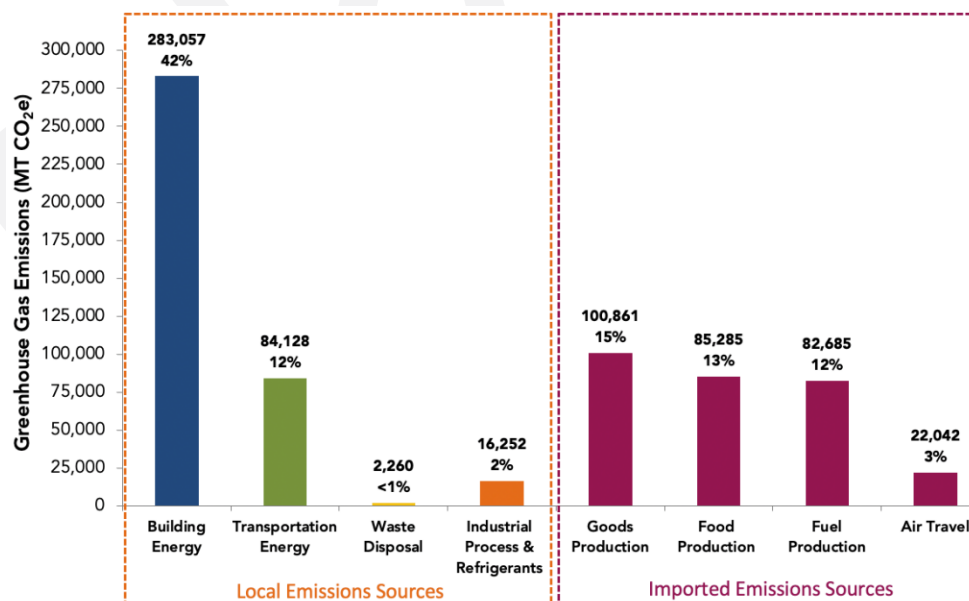
## Executive Summary

The City of Tualatin completed a Community Greenhouse Gas (GHG) Inventory to better understand sources of GHG emissions (i.e., climate pollution) to inform development of a community climate action plan (CAP). The inventory follows internationally recognized community GHG inventory protocols and accounts for all significant sources of GHG emissions driven by activities taking place within the City of Tualatin's geographic boundary. Beyond protocol requirements, the inventory also measures consumption-based emissions from imported goods and food, air travel, and the purchase of carbon offsets.

### Summary of Findings

- During 2019, with a population of **27,135**, all emissions combined (local and imported emissions) totaled **nearly 677,000 MT CO<sub>2</sub>e**, or an average of **25 MT CO<sub>2</sub>e** per resident.
- Of this, local emissions totaled nearly **386,000 Metric Tons of carbon dioxide equivalent (MT CO<sub>2</sub>e)**, or an average of **14 MT CO<sub>2</sub>e** per resident.
  - The largest sectors were **energy use by buildings** (primarily electricity and natural gas use, 73%) and **transportation** (primarily gasoline combustion, 22%). **Industrial processes and refrigerants** accounted for 4% and **waste disposal** accounted for 1% of local emissions.
  - Commercial electricity made up **45%** of building and **33%** of local emissions.
- Imported emissions from household consumption and production of fuel and energy sold in Tualatin totaled **over 290,000 MT CO<sub>2</sub>e** and include upstream emissions from production of goods (35%), food (29%), fuel production (28%), and air travel (8%).

Figure 1: City of Tualatin's 2019 GHG Emissions





## Introduction

Human activity in the form of consumption of fossil fuels is the primary cause of global warming and changes in climate that have occurred over the past few decades and accelerated in recent years.<sup>1</sup> The best available evidence indicates that human-caused greenhouse gas (GHG) emissions must be reduced significantly by 2030 to avoid “severe, pervasive and irreversible impacts for people and ecosystems.”<sup>1</sup> We are already observing physical changes to Oregon’s climate, including hotter temperatures, drought, wildfire smoke, and less mountain snow<sup>2</sup>. Understanding the areas of greatest risk gives us the opportunity to act, rather than react, to these changing conditions and helps us be as resilient as possible. The most common international goal to mitigate the worst climate impacts aligns with the Paris Climate Accord, which seeks to limit global average temperature increases to 1.5°C (2.7°F) relative to temperatures at the start of the Industrial Revolution. As of 2018, we’ve already passed the halfway point: average temperatures have increased by more than 1°C (1.8°F) since the Industrial Revolution and are on track to increase to 1.5°C (2.7°F) by 2040<sup>1</sup>.

It is with this understanding and urgency that The City of Tualatin commissioned this community greenhouse gas (GHG) inventory and chose a target of 1.5°C in alignment with the Paris Climate Accord. The City of Tualatin’s 2019 Community GHG Inventory includes the following emissions sources:

**Building Energy** use by residential, commercial, and industrial buildings and facilities represents a large source of community emissions. These emissions come from combustion of natural gas and from electricity generated from fossil fuels to heat water and power buildings. Small quantities of combusted propane and other fuels are also included. Additionally, a fraction of natural gas is lost during local distribution, releasing methane, a potent greenhouse gas pollutant.

**Transportation** energy, particularly on-road vehicle transportation of passengers and freight, also represents a large fraction of community emissions. Transportation emissions are generated at the tailpipe by combustion of gasoline, diesel, other liquid and gas fuels, or from electricity generation for electric vehicles.

**Waste** disposal in landfills and **wastewater** treatment produces methane, of which a fraction leaks out to the atmosphere, having a negative climate impact.

**Industrial Process & Refrigerants** Refrigerant emissions come from transportation and building cooling systems. Refrigerants are powerful global warming gases. Therefore, relatively small losses have a large climate impact. Known, significant industrial process emissions are also included here. These emissions are not from the energy used in a factory, for example, but from the other processes involved in manufacturing. In inventory protocol, this is referred to as Industrial Process and Product Use.

<sup>1</sup> Intergovernmental Panel on Climate (2014). Assessment Report 5 Synthesis Report: Climate Change 2014. <http://www.ipcc.ch/report/ar5/syr/>

<sup>2</sup> Mote, P.W., J. Abatzoglou, K.D. Dello, K. Hegewisch, and D.E. Rupp, 2019: Fourth Oregon Climate Assessment Report. Oregon Climate Change Research Institute. [ocri.net/ocar4](http://ocri.net/ocar4).

**Agriculture, Forestry, & Land Use** generate emissions from agricultural activity (e.g., animal waste and agricultural inputs) and community land use change (e.g., development of forest or grasslands). *These emissions are not a significant factor for Tualatin.*

**Consumption-based Emissions** are generated outside of the community during the production of goods, food, fuels, and service products consumed by residents. Note: *Consumption-based emissions presented in this inventory are **estimated (see Appendix D for more information)** and therefore the results have a greater level of uncertainty compared to other sources of emissions.*

## What's Included? (Boundaries & Methodology)

### Protocol and Inventory Boundaries

This community inventory follows [Greenhouse Gas Protocol's](#) Global Protocol for Community-Scale Greenhouse Gas Emissions (GPC).<sup>3</sup> The GPC focuses on accounting for sector-based emissions, which can be thought of as local sources of emissions. This inventory also includes an estimate of the emissions embodied in local consumption of consumer goods, construction materials, and food, to inform community climate action planning. Consumption of consumer goods is a large emissions source, but it is often excluded from inventories.

The first step in any GHG inventory is setting the inventory boundary. The boundary includes defining the geographic area, time span, emissions sources and gases covered in the inventory. The greenhouse gas inventory presented in this report is based on data from calendar year 2019 for the City of Tualatin's city limits. 2019 was used as the baseline year because it was the last "normal" year before the COVID-19 pandemic occurred. However, available data was collected for years 2018-2021 in order to assess trends over a short time period. This inventory considers all seven recognized greenhouse gases – carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF<sub>6</sub>), and nitrogen trifluoride (NF<sub>3</sub>). All gases are reported in terms of carbon dioxide equivalent (CO<sub>2</sub>e), or the amount of carbon dioxide it would take to create the same warming effect.

### Scopes

As described above, GHG emissions are often organized by sector (e.g., buildings, transportation, waste, etc.). Another way to organize them is by their origin location, either within a community or outside – these are referred to as *scopes*. Scope categories, as outlined in **Table 1** and **Figure 2** (next page) distinguish between those emissions that occur within the geographic boundaries (Scope 1) from those that occur outside the boundaries, but that are driven by activity from within the geographic boundary (Scope 2 and Scope 3). Emissions sectors and sub-sectors included in the GPC are shown in **Table 2** (page 9). These are compared to emissions included in the 2019 community inventory by scope category.

<sup>3</sup> GPC has become the recommended or required standard for international reporting to CDP's Cities Survey and the Global Covenant of Mayors for Climate & Energy. The GPC may be downloaded at <https://ghgprotocol.org/greenhouse-gas-protocol-accounting-reporting-standard-cities>.

Table 1: Scope descriptions

|         |  |   |
|---------|--|---|
| Scope 1 | GHG emissions from sources located within the geographic boundary.   | E.g., Burning of fossil fuels to heat homes or power cars |
| Scope 2 | GHG emissions occurring as a consequence of the use of grid-supplied electricity within the geographic boundary.     | E.g., Emissions from coal and natural gas power plants    |
| Scope 3 | All other GHG emissions that occur outside the boundary as a result of activities taking places within the boundary. | E.g., Production of fuels, goods, and food                |

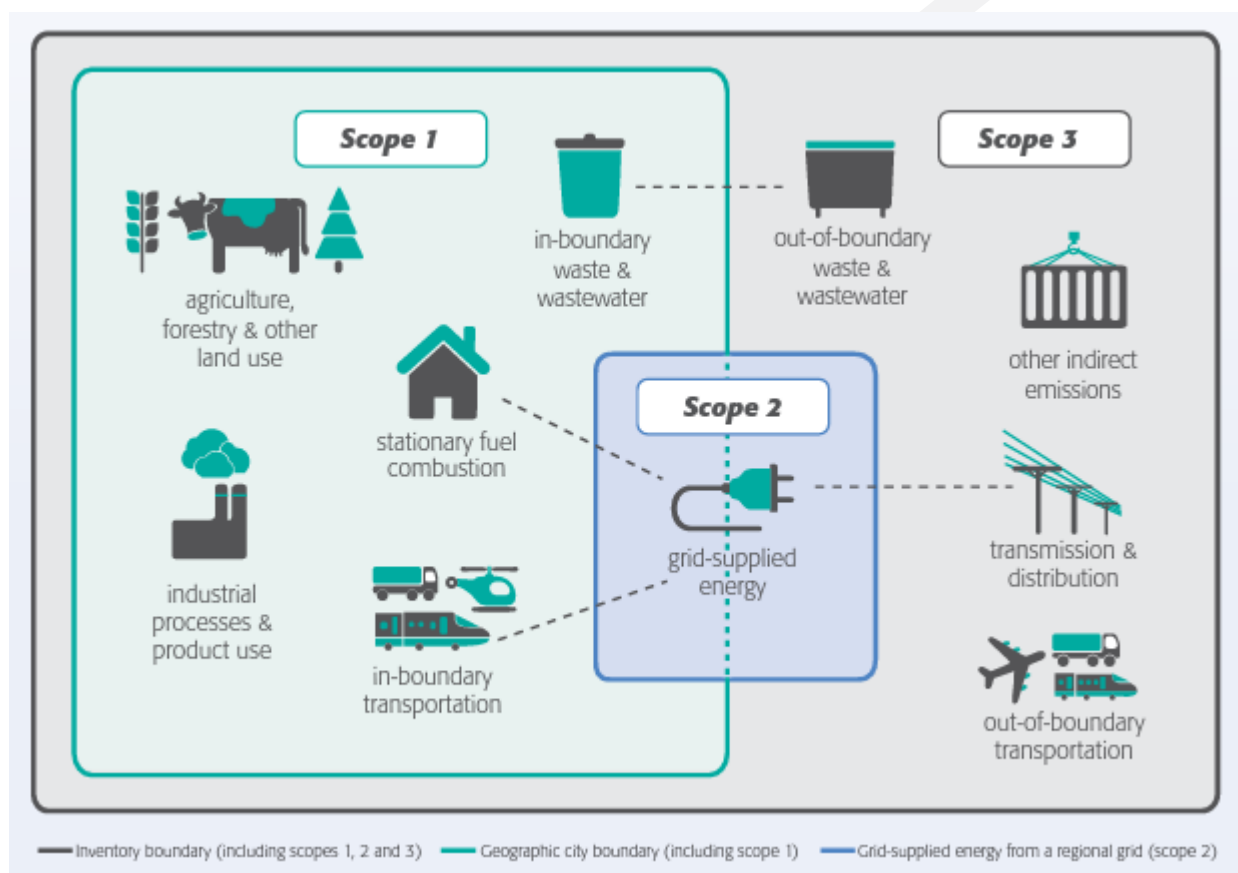
Figure 2: A graphical illustration of scopes<sup>4</sup><sup>4</sup> Global Protocol for Community-Scale Greenhouse Gas Inventories

Table 2: Crosswalk of Emission and Scope Categories.

| Emissions Sector / Sub-Sector   | Included in Inventory | Scope 1 | Scope 2 | Scope 3 |
|---|-----------------------|---------|---------|---------|
| <b>Stationary Energy (Buildings)</b>  |                       |         |         |         |
| Residential Buildings   | •                     | ✓       | ✓       |         |
| Commercial Buildings and Facilities   | •                     | ✓       | ✓       |         |
| Industrial Facilities   | •                     | ✓       | ✓       |         |
| Energy Generation Supplied to the Grid  | NE                    |         |         |         |
| Agriculture, Forestry, and Fishing  | NO                    |         |         |         |
| Fugitive Emissions from Natural Gas Systems   | •                     | ✓       |         |         |
| Fugitive Emissions from Coal Production   | NO                    |         |         |         |
| <b>Transportation</b>   |                       |         |         |         |
| On-Road Passenger and Commercial Vehicles   | •                     | ✓       | ✓       | ✓       |
| On-Road Freight Vehicles  | •                     | ✓       |         | ✓       |
| On-Road Transit Vehicles  | •                     | ✓       | ✓       | ✓       |
| Off-Road Vehicles and Equipment   | •                     | ✓       |         | ✓       |
| Aviation  | NO                    |         |         |         |
| Waterborn Navigation  | NE                    |         |         |         |
| <b>Waste &amp; Wastewater</b>   |                       |         |         |         |
| Solid Waste   | •                     |         |         | ✓       |
| Wastewater Treatment  | •                     |         |         | ✓       |
| Biological Treatment of Waste   | •                     |         |         | ✓       |
| Incineration of Waste   | NO                    |         |         |         |
| <b>Industrial Process and Product Use</b>   |                       |         |         |         |
| Product Use (refrigerants)  | •                     | ✓       |         |         |
| Industrial Processes  | •                     | ✓       |         |         |
| <b>Agriculture, Forestry, and Land Use</b>  |                       |         |         |         |
| Livestock   | NO                    |         |         |         |
| Land  | NO                    |         |         |         |
| Other Agriculture   | NO                    |         |         |         |
| <b>Other Scope 3 Emissions Sources</b>  |                       |         |         |         |
| Household Consumption   | •                     |         |         | ✓       |
| Air Travel  | •                     |         |         | ✓       |
| Upstream Energy Production  | •                     |         |         | ✓       |
| <b>Negative Emissions (Sequestration &amp; Offsets)</b>   |                       |         |         |         |
| Purchased carbon offsets  | •                     | ✓       |         |         |
| NE = Emissions occur but are not reported or estimated - see justification in exclusions<br>NO = Activity or process does not occur within boundary |                       |         |         |         |



## Inventory Results

### Local Emissions

The Tualatin community generated nearly **386,000 MT CO<sub>2</sub>e** of local emissions – about **14.2 MT CO<sub>2</sub>e** per resident. **This is less than the U.S. average of 15.2 MT CO<sub>2</sub>e per person and considerably greater than global average of 4.5 MT CO<sub>2</sub>e per person (Figure 3).**<sup>5</sup> Protocols refer to local emissions as sector-based emissions. Those emissions are generated close to home and are most often under the community's direct control. **This quantity of GHGs is equivalent to the carbon sequestered by over 457,000 acres of average U.S. forest<sup>6</sup> - a land area about 85 times the size of Tualatin.**

Tualatin's local emissions are shown on the left side of **Figure 4** and come primarily from Building Energy, such as electricity use and combustion of natural gas by buildings and other facilities (**blue segments**) and transportation sources, mainly gasoline and diesel combustion in vehicles (**green segment**). Emissions from Industrial Process & Refrigerants include federally reported special industrial emissions and

#### Definition: MT CO<sub>2</sub>e

Metric Tons of carbon dioxide equivalent – a unit of measure. Most greenhouse gases are more potent in warming the atmosphere than carbon dioxide. To calculate and compare emissions easily, all gases are calculated and combined into a carbon dioxide equivalent, typically measured in metric tons.

Figure 3: Comparison of per person emissions

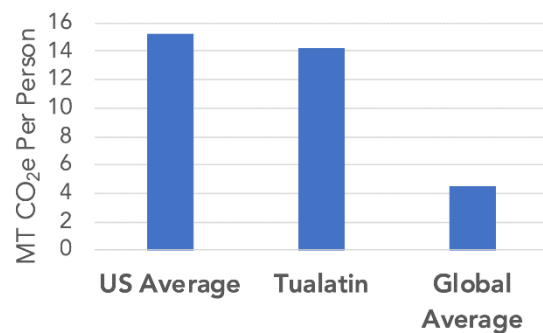
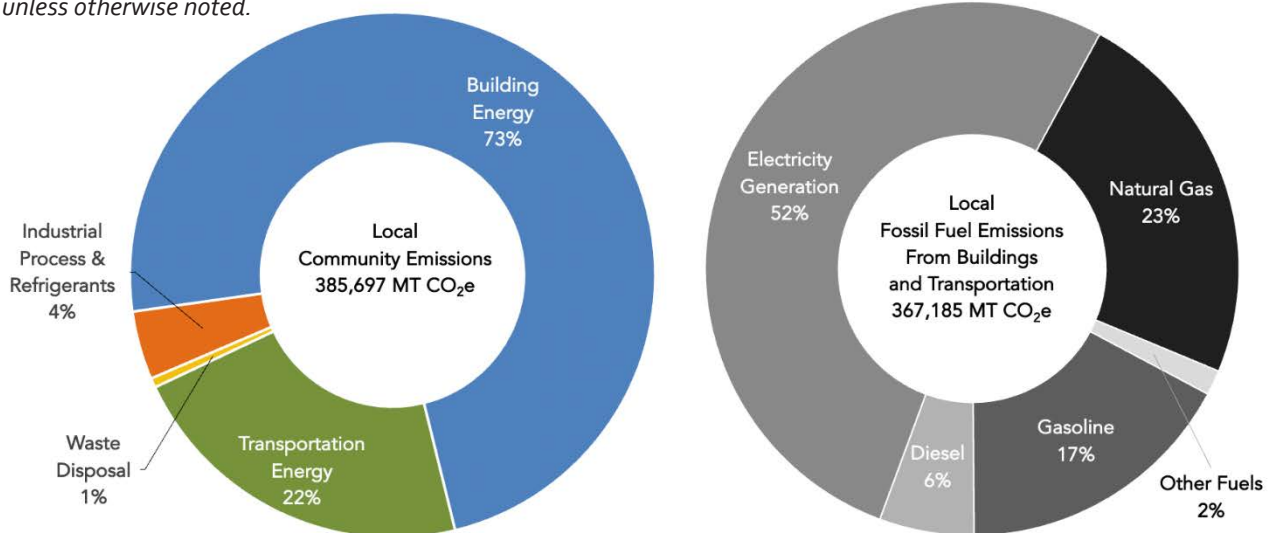


Figure 4: 2019 Local Community Emissions and Fossil Fuel Details, which come from building and transportation energy. *Note: All figures present market-based accounting for electricity emissions unless otherwise noted.*



<sup>5</sup> Data from World Bank. For details visit <https://data.worldbank.org/indicator/EN.ATM.CO2E.PC>

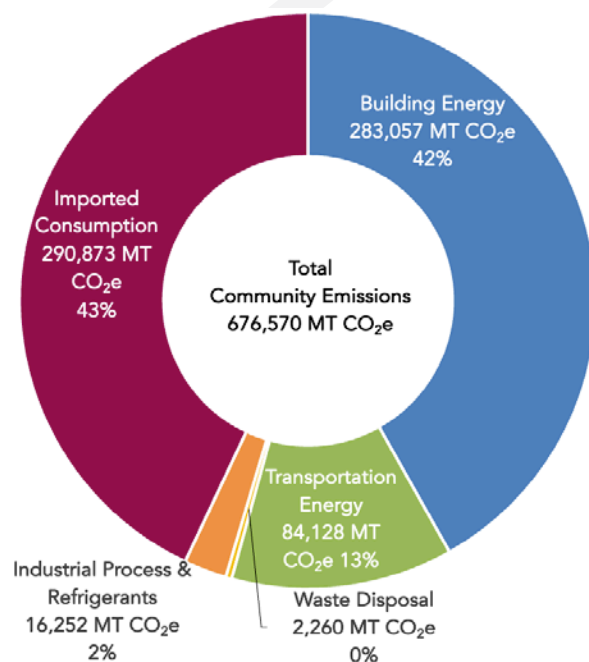
<sup>6</sup> US EPA GHG Equivalencies Calculator <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

refrigerant gas loss from buildings and vehicles (**orange**). Waste emissions include landfill disposal of community solid waste and wastewater treatment (**yellow**). In Tualatin, there are no calculated emissions from Agriculture, Forestry, and Land Use. The right side of Error! Reference source not found. details fossil fuel use. Note that all emissions from **buildings** and **transportation** are from **fossil fuels (95% of total)**; **waste** and **industrial process and refrigerants** are non-fossil fuel emissions. Although all building energy emissions are from fossil fuels, that does not mean that all building electricity is from fossil fuel sources. Electricity generated from zero carbon sources, such as hydropower, does not contribute to the city's emissions.

## Imported Emissions

In addition to accounting for local emissions, the inventory also estimates **imported (consumption-based) emissions**, which are generated outside of Tualatin to produce and provide the imported **goods, food, services, air travel**, and **production and transport of fuels** consumed by local households. Imported emissions total **about 290,000 MT CO<sub>2</sub>e** in addition to sources of local emissions. **This quantity of GHGs is equivalent to the carbon sequestered by nearly 343,000 acres of average U.S. forest<sup>7</sup>, an area 3.7 times the size of the City of Portland.** Figure 5 compares the scale of local, sector-based emissions to imported emissions from household consumption, while

Figure 5: 2019 Community Local + Imported Emissions



**Figure 6** on the following page shows another comparison

Within **goods**, the largest purchasing categories include **vehicles & parts, appliances, and construction materials**. Within **food**, the largest emissions are from the **production of meats**, particularly **beef** and **lamb** products.

Upstream emissions from **fuel production** (gasoline, diesel, electricity, and natural gas) and **air travel** from flights taken by residents (regardless of airport location) are also significant sources of consumption-based emissions. For more details on these emissions, see Error! Reference source not found. and the related section on page 15.

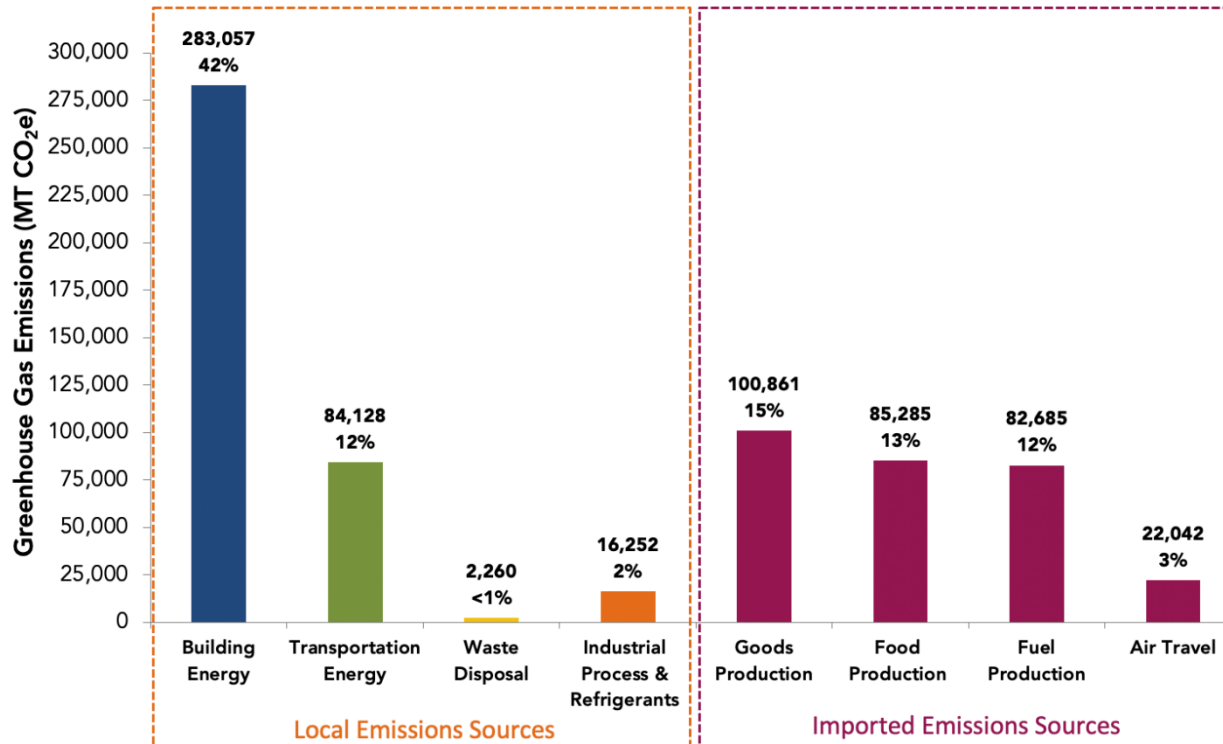
## Total emissions

**Local and imported emissions combine for a total nearly 677,000 MT CO<sub>2</sub>e, or 25 MT CO<sub>2</sub>e per resident.** This quantity of GHGs is roughly equivalent to the carbon sequestered by 800

<sup>7</sup> US EPA GHG Equivalencies Calculator <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

thousand acres of average U.S. forest, an area roughly 4.4 times the size of Crater Lake National Park<sup>8</sup>. There are net **negative emissions** sources as well, from voluntary purchase of **carbon offsets** from Northwest Natural Gas customers (**over 640 MT CO<sub>2</sub>e**). Note that the net benefit from Portland General Electric (PGE) customers' purchase of Renewable Energy Credits is already accounted for in the building energy sector (market-based accounting) and reduced emissions by **over 12,000 MT CO<sub>2</sub>e**.

Figure 6: Tualatin's emissions sources and offsets



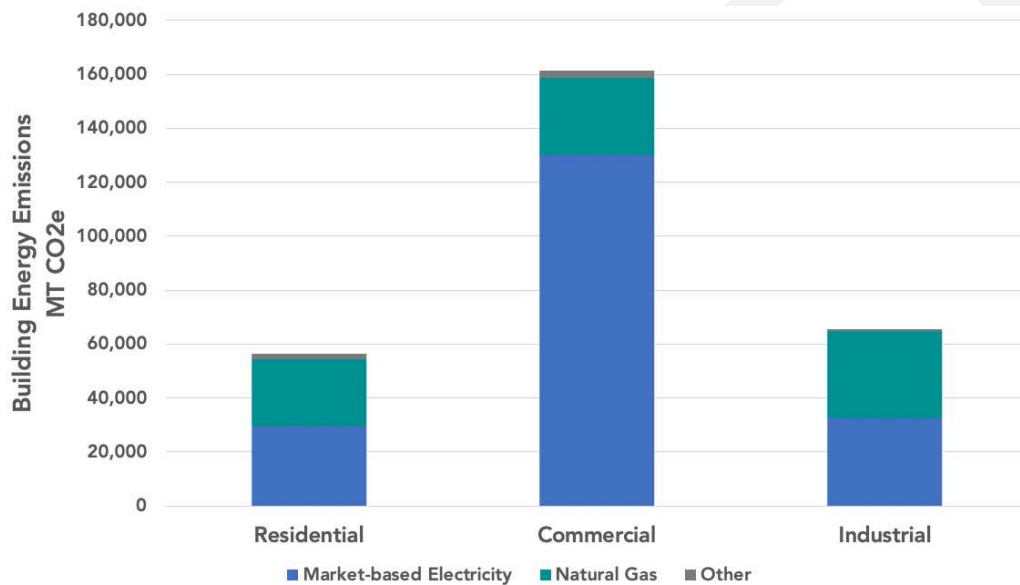
<sup>8</sup> National Park Foundation <https://www.nationalparks.org/connect/explore-parks/crater-lake-national-park>

## Inventory Highlights

### Building Energy

Energy used in buildings is Tualatin's largest source of local GHG emissions accounting for **73%** of local emissions. These emissions come from a mix of electricity, natural gas use, and other stationary combusted fuels and come to over **283,000 MT CO<sub>2</sub>e**.<sup>9</sup> See Appendix D: Summary of Data and Emissions Factors on page 31 for more information on building energy data sources and reporting accuracy. Tualatin's commercial and industrial uses (**227,000 MT CO<sub>2</sub>e**) have more than four times the impact of residential uses (**56,000 MT CO<sub>2</sub>e**), over half from commercial electricity use. By energy type, electricity had the largest impact (68% of total building emissions); followed by natural gas (30%); and other fuels (2%). **Figure 7** shows emissions by sub-sector and energy type. Fugitive natural gas escaping from local distribution systems was reported by Northwest Natural and accounts for 0.3% of total building emissions (not visible in the graphic due to small scale). Emissions from electricity usage for wastewater processing are included in the Industrial category and make up 3.5% of those emissions.

Figure 7: Building Energy Usage by Type and Energy Source



The City of Tualatin has installed solar panels that generated nearly 12,000 kWh of electricity to supplement city usage. This solar energy displaced roughly 5 MT CO<sub>2</sub>e.

Portland General Electric (PGE) supplies electricity to the Tualatin community. Each electric utility has its own specific emissions factor (MT CO<sub>2</sub>e emitted per kilowatt-hour [kWh] of electricity) which is dependent on the utility's power generation supply contracts. In 2019, PGE's emissions factor was 0.42 MT CO<sub>2</sub>e per megawatt-hour, a 17% decrease since 2010, meaning that the carbon intensity of electricity

<sup>9</sup> All emissions estimates use market-based accounting for electricity unless otherwise noted. Market-based electric accounting totals **283,057 MT CO<sub>2</sub>e**, while location-based accounting totals **249,866 MT CO<sub>2</sub>e**. See Appendix C page Electricity for information about market-based vs. location-based accounting.

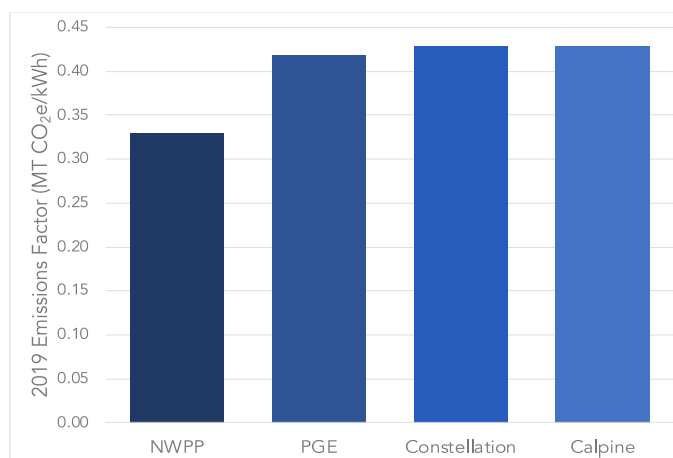


generation decreased over time. The market-based electricity accounting method uses utility-specific factors and accounts for voluntary community participation in utility-sponsored green power programs.

**In 2019, PGE's residential and businesses customers in Tualatin purchased renewable energy in the form of Renewable Energy Credits (RECs) equal to about 6% of demand, which decreased market-based electricity accounting emissions by 12,015 MT CO<sub>2</sub>e.**

Large users may also choose to buy power from other utilities, which will have different emissions factors. In Tualatin, there are two outside utilities with contracts within the city, Calpine and Constellation energy. Figure 8 contrasts the emissions factors for the region (NWPP) with those for PGE, Constellation, and Calpine.

Figure 8: Electricity Emissions Factors

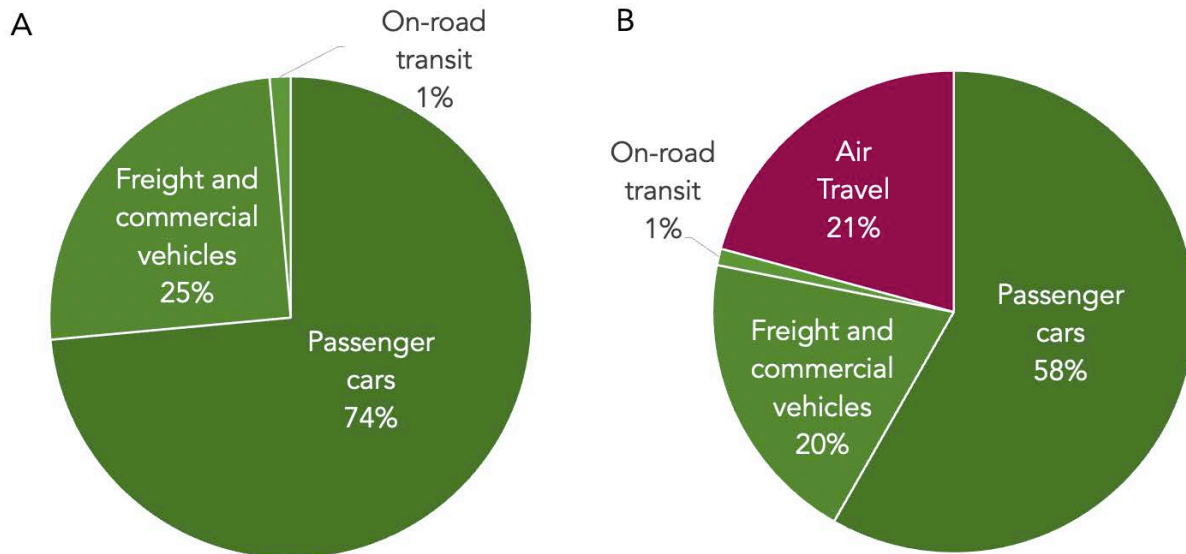


## Transportation

Transportation emissions are the second largest source of local emissions for Tualatin, totaling over **84,000 MT CO<sub>2</sub>e**. See Appendix D: Summary of Data and Emissions Factors on page 31 for more information on transportation emissions data sources and reporting accuracy. On-road passenger vehicles were the leading source of local transportation emissions and are responsible for **74%** of local transportation emissions. These emissions originate from fossil gasoline sales, primarily used by private use cars and trucks, but may include a small percentage of non-road uses such as small boats. This category also includes the small amount of electricity used by electric vehicles (**<1%**). The next largest category is fossil diesel sales, primarily used by freight and commercial vehicles at **25%**; the majority of these emissions are expected to be from on-road vehicles but may also include non-road equipment. Additionally, emissions from TriMet's public transit services were estimated to be **1%**. There were no known offroad fuel sales, although some of the fuel sales probably went to offroad uses (such as gasoline powered lawnmowers). See **Figure 9**.

Tualatin does not have an airport within the geographic boundary so there are no local air travel emissions, but many residents do travel by airplane, and air travel is part of the community's **consumption-based emissions**. As is shown in **Figure 9**, emissions from air travel (**magenta**) are a significant source of emissions in addition to local transportation emissions (**green**). Consumption-based air travel emissions are estimated at just over **22,000 MT CO<sub>2</sub>e**. See Appendix D: Summary of Data and Emissions Factors on page 31 for more information on air travel data sources and reporting accuracy.

Figure 9: Transportation emissions breakdown. A: Tualatin's transportation emissions excluding air travel, B: Tualatin's transportation emissions including air travel

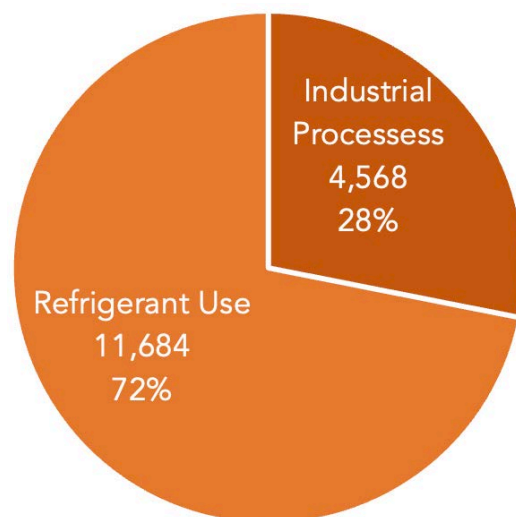


### Industrial Process and Refrigerants

Industrial Process and Refrigerant (IPR) emissions are the third largest source of emissions. IPR emissions are fugitive emissions; unintentional emissions, leaks, or discharges of gases and vapors from pressurized equipment or facilities. They come from specialized industrial uses or refrigeration systems – CFCs, HFCs, PFCs, SF<sub>6</sub>, and NF<sub>3</sub> – and have a large climate impact, up to 23,500 times the Global Warming Potential of an equivalent weight of CO<sub>2</sub> depending on the gas.

**Fugitive loss of refrigerants from residential and commercial buildings and vehicle air conditioning and refrigeration equipment are the largest proportion of Tualatin's IPR emissions.** These sources are estimated for Tualatin using state per capita data, downscaling from emissions reported in the State of Oregon's 2015 GHG Inventory, and are estimated at about **12,000 MT CO<sub>2</sub>e**. Within the State of Oregon, sources of residential, commercial, and transportation refrigerant emissions (in DEQ's inventory as High Global Warming Potential gases) have grown by 21% since 2009<sup>10</sup>.

Figure 10: IPR Emissions



Industrial process emissions (excluding energy use) were identified for one facility within Tualatin using the Oregon Department of Environmental Quality reported greenhouse gas emissions for facilities with

<sup>10</sup> Oregon Greenhouse Gas Sector-Based Inventory <https://www.oregon.gov/deq/aq/programs/Pages/GHG-Inventory.aspx>

air quality permits<sup>11</sup>. These emissions total close to **5,000 MT CO<sub>2</sub>e**<sup>12</sup> for 2019. See Appendix D on page 31 for more information on industrial process and refrigerants data sources and reporting accuracy.

### Solid Waste & Wastewater

Solid Waste and Wastewater emissions total less than **2,500 MT CO<sub>2</sub>e** – less than 1% of local emissions. Tualatin haulers send landfilled waste to Arlington Landfill (Eastern Oregon), Wasco Landfill (Eastern Oregon), and Coffin Butte landfill (Western Oregon). These landfill emissions are estimated to total roughly **1,600 MT CO<sub>2</sub>e**.

Wastewater is processed by Clean Water Services and is included in the analysis. A negligible number of septic systems are located in the city. Total wastewater process emissions, not including septic, are estimated to total **about 675 MT CO<sub>2</sub>e**. See Appendix D on page 31 for more information on data sources and reporting accuracy related to solid waste and wastewater treatment.

### Imported Emissions

#### Emissions from Consumption of Imported Goods, Food, Fuel, and Air Travel

Tualatin's inventory goes beyond GPC protocol requirements to highlight the known large sources of **imported emissions** from consumption activities. These emissions are considered Other Scope 3 in GPC protocol. This means the community has less control over management of these emissions as compared to sources of local emissions. These consumption-based emissions will be in another community's local accounting. That said – these emissions are included in the inventory because they are large, they are caused by local demand, it follows State of Oregon inventory practices, and because opportunities exist to reduce these emissions locally by reducing consumption. These emissions were estimated at nearly **290,000 MT CO<sub>2</sub>e** and make up **43% of total emissions (Figure 11)**. See Appendix D on page 31 for more information on sources and reporting accuracy for imported emissions, including goods, food, services, and upstream fuel production.

<sup>11</sup> Available at <https://www.oregon.gov/deq/eq/programs/Pages/GHG-Emissions.aspx>

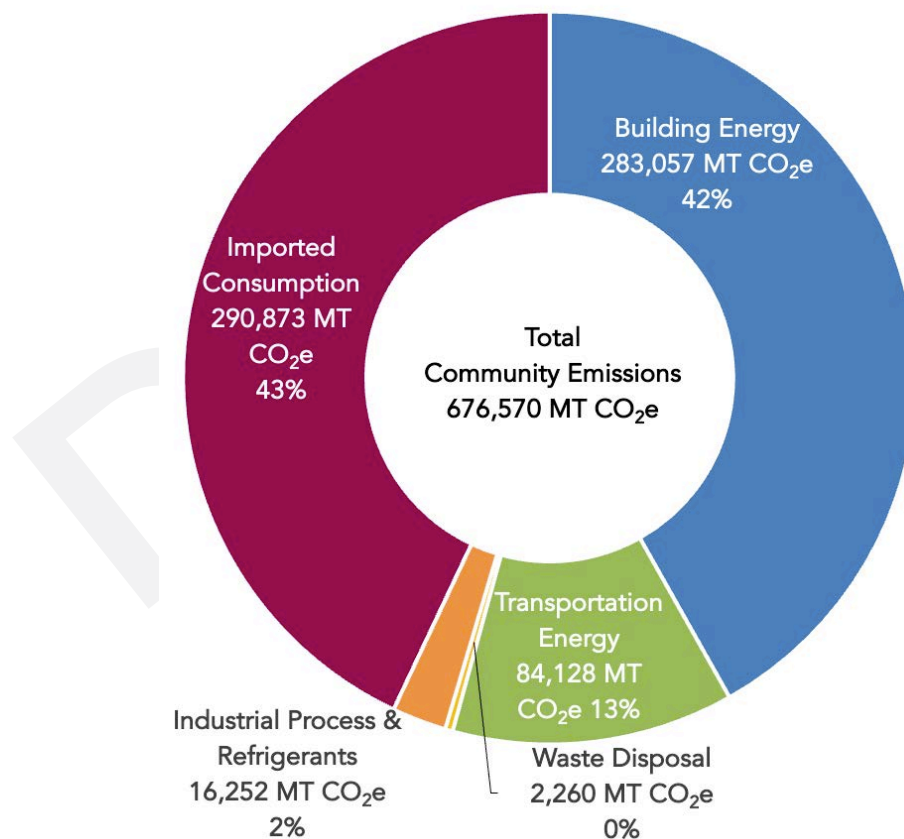
<sup>12</sup> These facilities are monitored by EPA's FLIGHT and/or Oregon DEQ due to the significant climate impacts. EPA's FLIGHT database values will vary from this analysis, as the online tool uses IPCC AR<sub>4</sub> GWP values, and this GHG Inventory uses updated IPCC AR<sub>5</sub> GWP values in line with the most recent science. Oregon DEQ also reports AR<sub>4</sub> GWP values, but individual gas data was not available to convert into AR<sub>5</sub> GWP value totals. Applicable Industrial Process emissions data for Microchip Technologies and ON Semiconductor was calculated from EPA FLIGHT. Applicable Industrial Process emissions data for Owens Corning Corp. was requested from Oregon DEQ. Building energy was excluded.

Consumption of imported **goods** is the largest source for Tualatin's imported emissions at **35% of imported emissions**. The largest contributors to this category **include building materials, vehicle parts, and furnishings and supplies**. The next largest category is **food** and beverage, where largest emissions are from **meat**, specifically **beef** and **lamb** products. Upstream **fuel production**, specifically gasoline production, is another large source, which goes hand-in-hand with passenger transportation being a large local emissions source. **Air travel** is also a significant source of Tualatin consumption-based emissions. Note that these air travel emissions are from air travel trips taken by residents regardless of airport location and are not based on Portland airport fuel use alone.

### Category Descriptions

- **Goods:** Emissions from extraction, manufacture, and transportation of raw materials into final products such as building materials, automobile, furniture, clothing, and other goods.
- **Food & Beverage:** Emissions from agriculture (energy for irrigation, production of fertilizers, methane emissions from livestock, etc.), transportation of raw materials, and finished products emissions. Categories include produce, cereals, dairy, meat, and other foods.

Figure 11: 2019 Community Local + Imported Emissions



- **Upstream Fuel Production:** Process and energy emissions from the extraction and production of usable fuel products (e.g., electricity from household outlets, gasoline pumped into cars, natural gas combusted by furnaces, etc.). These upstream emissions are considered at the



community-scale for electricity, natural gas, gasoline, and diesel (not available for propane and fuel oil). These emissions are separate from those that are generated when the fuel is used in your car or house.

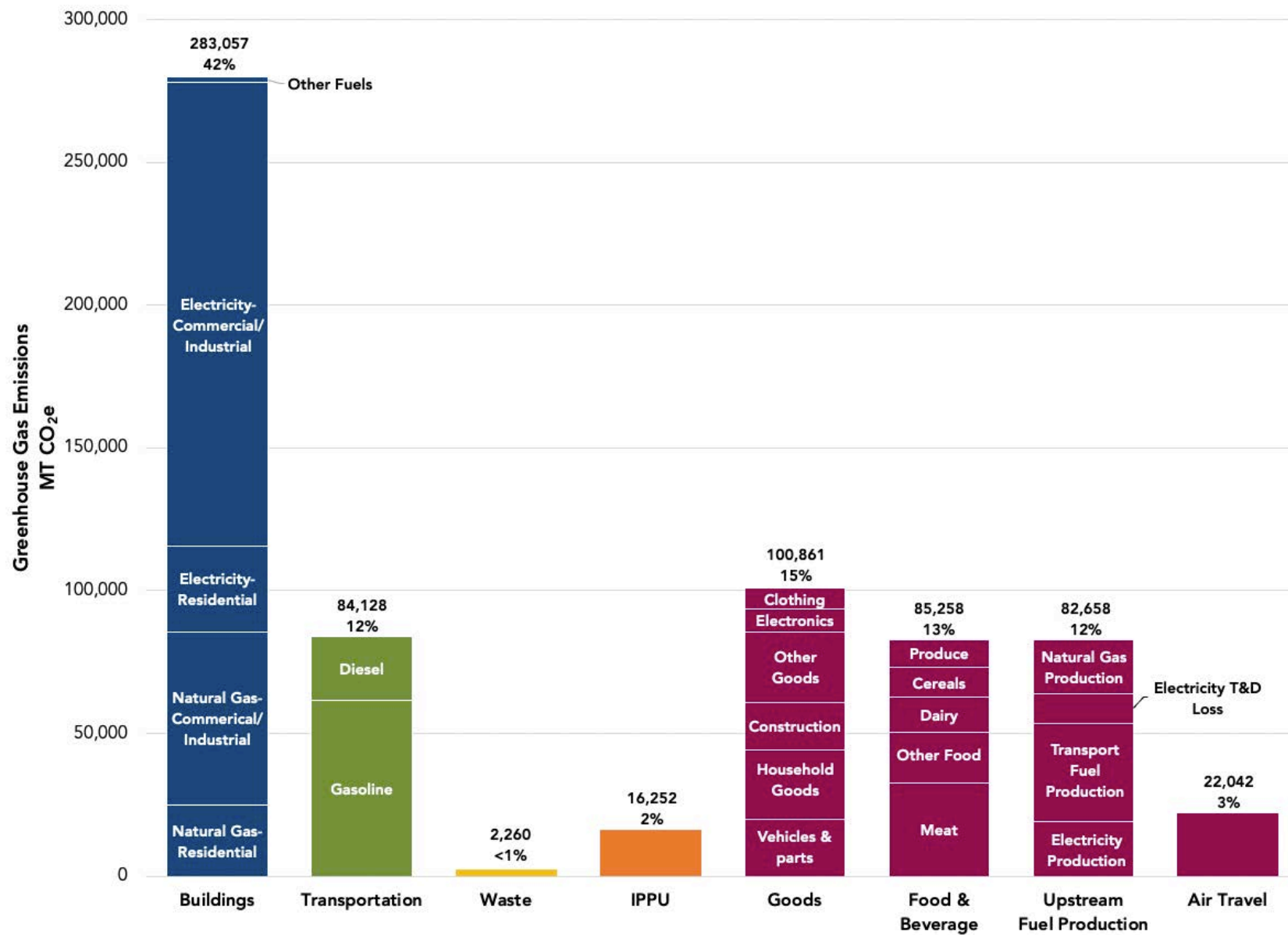
- **Air Travel:** Emissions associated with air travel by the community (regardless of the airport's location).

**Figure 12** on the following page gives a full categorical breakdown of all emissions

## Negative Emissions

Negative emissions are from carbon offsets purchased by natural gas consumers. Less than 1% of the natural gas used in Tualatin is offset by community members who participate in Northwest Natural's Smart Energy Offsets program (**664 MT CO<sub>2</sub>e**). This program allows customers to purchase carbon offsets from The Climate Trust on their bill to offset emissions from their natural gas use. See Appendix D on page 31 for more information on carbon offset data sources and reporting accuracy.

Figure 12: Full breakdown of emissions categories

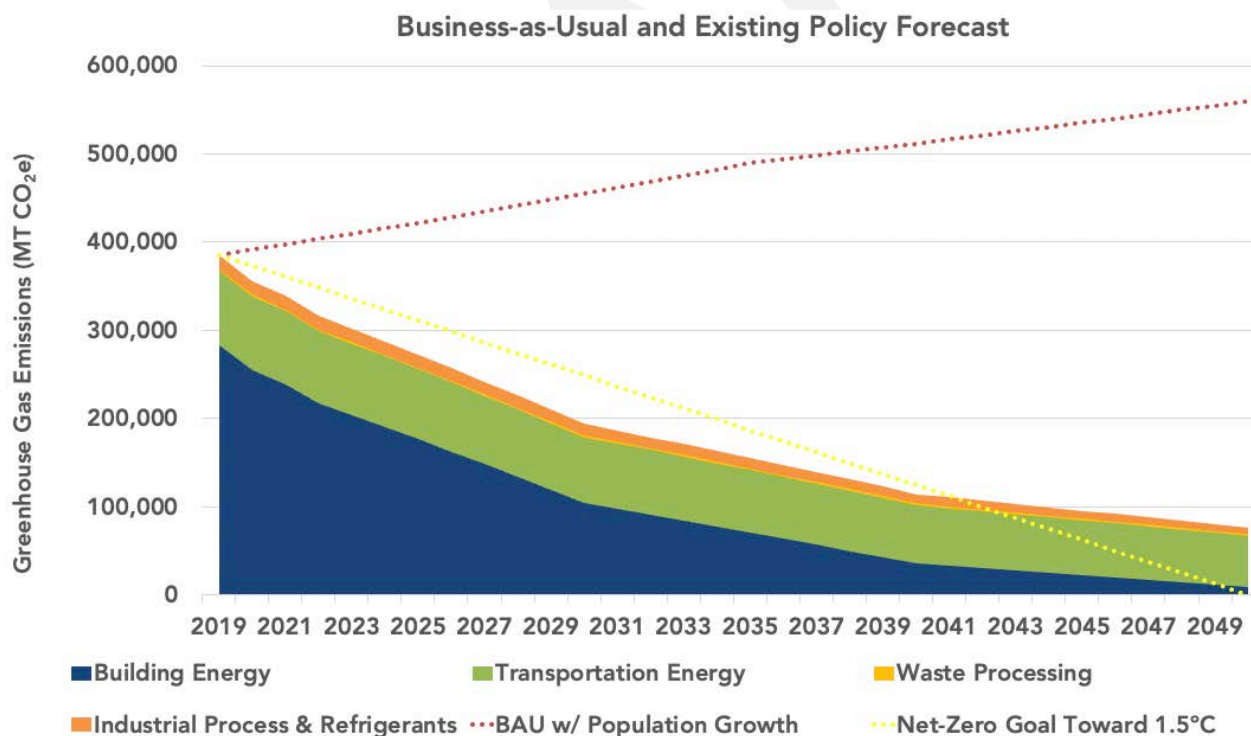


## Local Emissions Forecast & the Paris Accord Climate Goal

Local emissions in Tualatin are expected to decrease over time, primarily thanks to strong climate action from the State of Oregon in the stationary energy sector. The Oregon Clean Energy Targets, Oregon Climate Protection Program, as well as specific data from PGE and Northwest Natural, were reviewed for modeling stationary energy emissions reductions and are expected to reduce emissions from electricity, natural gas, and other stationary fuels by 97% in 2050. Additionally, state and federal policy impacting transportation, refrigerants, and waste emissions are included here. **While emissions are estimated to decrease by 80% in 2050 compared to 2019 local emissions without additional mitigation actions, that is still not enough to hit our target of 100% GHG emissions mitigation to limit global warming to 1.5°C.**

**Additional goals and actions beyond current projections and legislation will be modeled as part of the community Climate Action Plan to help meet our target.** Figure 11 shows forecasted emissions by sector (colored wedges) are compared to forecasted growth based on population growth only (dotted red line) and the Paris Accord 1.5°C warming goal of net-zero emissions by 2050 (yellow dotted line).

Figure 13: Tualatin's Business-as-Usual Forecast (red, population growth with no policy interventions) with Forecasted Emissions Based on Existing State and Federal Policy, and a Net-Zero by 2050 Trajectory (yellow dotted line)



Thanks to the existing state and federal policies impacting GHG emissions, Tualatin can expect a reduction of 80% of local emissions in 2050 compared to 2019, with only about 77,000 MT CO<sub>2</sub>e remaining, primarily from the transportation sector. For Tualatin, this is primarily from E10 gasoline sales. While policy can be difficult to detail and implement, there are approaches available to reducing

transportation GHG emissions. *More details on community climate action planning and mitigation will be detailed in the upcoming community Climate Action Plan.*

Note that imported emissions are not included in this forecast. Primarily, this is because changes in imported emissions are very challenging to track, and data is limited. Additionally, policy options are limited as the sources of emissions are local to other communities. Local emissions are more commonly used for community goal setting.

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## Appendix A: More Detailed Data

Table 3: Detailed Emissions Breakdown

| Emissions Sector / Sub-Sector<br>All emissions reported in MT CO <sub>2</sub> e | 2019 Emissions |                | Per capita   |                |
|---|----------------|----------------|--------------|----------------|
|   | Market-based*  | Location-based | Market-based | Location-based |
| <b>Stationary Energy</b>  | <b>283,057</b> | <b>249,862</b> | <b>0.7</b>   | <b>0.7</b>     |
| Residential Buildings   |                |                |              |                |
| Electricity   | 29,490         | 32,118         | 0.1          | 0.1            |
| Natural Gas   | 24,721         |                | 0.1          |                |
| Other Fuels   | 2,009          |                | 0.01         |                |
| Commercial Buildings and Industrial Facilities                                  |                |                |              |                |
| Electricity   | 161,311        | 125,730        | 0.4          | 0.3            |
| Natural Gas   | 60,935         |                | 0.2          |                |
| Other Fuels   | 2,757          |                | 0.01         |                |
| Fugitive Emissions from Natural Gas Systems                                     | 726            |                | 0.0          |                |
| Wastewater Treatment Energy   | 1,108          | 865            | 0.0          | 0.0            |
| <b>Transportation</b>   | <b>84,128</b>  | <b>84,074</b>  | <b>0.2</b>   | <b>0.2</b>     |
| Gasoline  | 61,629         |                | 0.2          |                |
| Diesel  | 21,068         |                | 0.1          |                |
| On-Road Transit Vehicles  | 1,180          |                | 0.0          |                |
| Electric Vehicles   | 251            | 196            | 0.0          |                |
| <b>Waste</b>  | <b>2,917</b>   |                | <b>0.01</b>  |                |
| Solid Waste Landfill and Compost  | 2,242          |                | 0.01         |                |
| Wastewater Treatment & Septic Systems   | 675            |                | 0.00         |                |
| <b>Industrial Process and Product Use</b>                                       | <b>16,252</b>  |                | <b>0.04</b>  |                |
| Refrigerants  | 11,684         |                | 0.03         |                |
| Industrial Process  | 4,568          |                | 0.01         |                |
| <b>Consumption-based &amp; Upstream Emissions</b>                               | <b>290,873</b> | <b>285,248</b> | <b>0.8</b>   | <b>0.8</b>     |
| Household Consumption   |                |                |              |                |
| Goods   | 100,861        |                | 0.3          |                |
| Food  | 85,285         |                | 0.2          |                |
| Upstream Energy Production  | 82,685         | 77,059         | 0.2          | 0.2            |
| Air Travel  | 22,042         |                | 0.1          |                |
| <b>Negative Emissions ( Sequestration &amp; Offsets)</b>                        | <b>-677</b>    |                | <b>0.0</b>   |                |
| Purchased Offsets   | -677           |                | 0.0          |                |
| Local Emissions   | 386,355        | 353,104        | 1.0          | 0.9            |
| Local + Consumption   | 677,228        | 638,352        | 1.8          | 1.7            |

\*For an explanation of market vs location-based accounting see Appendix C: Electricity.

Table 4: Available data over multiple years

| Available Emissions Data by Sector<br>(MT CO <sub>2</sub> e / year) | 2018    | 2019    | 2020    | 2021    |
|---|---------|---------|---------|---------|
| <b>Building Energy</b>  |         |         |         |         |
| Electricity (Market-Based)  | No Data | 191,909 | 169,193 | 153,445 |
| Natural Gas   | 81,314  | 85,655  | 80,702  | 74,402  |
| Other Fuels *   | 4,942   | 4,767   | 4,587   | 4,587   |
| <b>Transportation</b>   |         |         |         |         |
| Gasoline (E10)  | 66,886  | 62,809  | 63,002  | 82,319  |
| Diesel (B5)   | 18,533  | 21,068  | 21,725  | 27,382  |
| Electric Vehicles (Market-Based)                                    | 153     | 251     | 331     | 607     |
| <b>Waste</b>  |         |         |         |         |
| Landfilled Solid Waste  | 849     | 2,242   | 1,098   | 1,418   |
| Wastewater Treatment Process  | 742     | 675     | 683     | 695     |
| <b>Process &amp; Fugitive Emissions</b>                             |         |         |         |         |
| Refrigerant Loss **   | 11,684  | 11,684  | 11,684  | 11,684  |
| Manufacturing   | 7,366   | 4,568   | 5,003   | No Data |
| Fugitive Natural Gas  | 689     | 726     | 684     | 631     |

\* Last available data is from 2019, used as proxy for 2020 and 2021 with population adjustments.

\*\* Data estimated from statewide averages and scaled down for population.

## Appendix B: Glossary of Terms

### GHG

Short for greenhouse gases. Emission of greenhouse gases are the cause of current climate change. An inventory of GHGs measures gases in units of carbon dioxide equivalents (CO<sub>2</sub>e). A GHG inventory is also known as a carbon footprint.

### GHGP/GPC/Protocol

This type of inventory follows a set protocol, the GHG Protocol (GHGP) standard for cities and communities known as Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC). This protocol determines what is included within a set boundary and categorizes emissions by sector. See Sector-based inventory for more information.

### GWP

Short for global warming potential. This refers to the potency of emissions to trap heat in the atmosphere. Carbon dioxide has a GWP of 1, and other GHG gases are more potent and expressed as a multiple of carbon dioxide. For example, methane has a GWP of 28, meaning one molecule has 28 times the effect of one molecule of carbon dioxide (IPCC AR5 values).

### Imported, Consumption-based Emissions (Other Scope 3)

Emissions from consumption of imported goods and services, also known as Other Scope 3 Emissions per GPC protocol, include emissions from upstream fuel production and household consumption, such as food, household goods, and air travel.

### IPCC AR5

The United Nations Intergovernmental Panel on Climate Change (IPCC) releases Assessment Reports every six to seven years providing an overview of the state of knowledge concerning climate change science. The fifth report, AR5, is the most recent version released in 2014. The 6<sup>th</sup> assessment is due to be released shortly after the production of the report.

### KWh

Short for kilowatt hour. Kilowatt hours are a standard unit for electricity consumption, and a measure of electrical energy equivalent to a power consumption of 1,000 watts for 1 hour. For example, a 50-inch LED TV uses about 0.016 kWh per hour. It would take roughly 62.5 hours for this TV to use 1 kWh of energy<sup>13</sup>.

### Sector-based Greenhouse Gas Inventory (Local Emissions)

This refers to preparing an inventory that is broken down by various sectors of the community that have common GHG characteristics. In this report, sector-based emissions are also known as **local emissions**. This type of inventory follows a set protocol (GPC) determining what is included in each sector. Mainly,

<sup>13</sup> Electricity Plans: <https://electricityplans.com/kwh-kilowatt-hour-can-power/#:~:text=Here%20are%20some%20of%20the,around%202.3%20kWh%20per%20hour>

sector-based emissions include emissions from building energy and vehicles along with local sources of GHGs from waste, uncontrolled loss of industrial and refrigerant gases, and agriculture. Note that emissions from household consumption of goods and services are not included in sector-based inventories. Standard sectors include:

- **Building Energy:** emissions from energy used or produced in a fixed location, e.g., electricity, natural gas, propane, and fuel oil. The GPC term is stationary energy.
- **Transportation:** emissions from vehicles and mobile equipment.
- **Waste:** landfilled waste emissions and wastewater treatment emissions.
- **Process Emissions & Product Use:** refrigerants and other fugitive gases from industrial processes.
- **Agriculture, Forestry & Land Use:** emissions from agriculture (e.g., animal waste and agricultural inputs) and community land use change (e.g., development of forest or grasslands).

### Location-based Electricity Emissions Accounting

Refers to GHG intensity of the regional electricity grid, representing the average impacts of electricity use and efficiency efforts across the region. Contrast with Market-based Electricity Emissions Accounting.

### Market-based Electricity Emissions Accounting

Refers to the GHG intensity of electricity contracts with local utilities. Contrast with Location-based Electricity Emissions Accounting.

### MT

Short for Metric Ton (~2,200 lbs.). This is a common unit by international standards.

### MT CO<sub>2</sub>e

Metric Tons of carbon dioxide equivalent – a unit of measure. Most greenhouse gases are more potent in warming the atmosphere than carbon dioxide. To calculate and compare emissions easily, all gases are calculated and combined into a carbon dioxide equivalent, typically measured in metric tons.

### Scope (as in Scope 1, Scope 2, Scope 3)

Scopes are one method to define the source of emissions. Scope categories distinguish between emissions that occur within a geographic boundary (scope 1), from electricity generation serving the community (scope 2), and emissions that occur outside the boundary, but that are driven by activity within the boundary (scope 3).

### Therm

Common reporting unit of natural gas that represents 100,000 British thermal units. A therm is roughly equivalent to 100 cubic feet of natural gas.



## Appendix C: Methodology & Protocols

### Protocols and Tools

This inventory follows [Global Protocol for Community-Scale Greenhouse Gas Emissions](#) Inventories by Greenhouse Gas Protocol (GHGP). This inventory also follows GHGP's [Scope 2 Guidance](#) for location-based and market-based electricity accounting emissions and ICLEI's [US Community Protocol](#) for guidance on calculation of consumption-based emissions (i.e., other Scope 3 as defined by GPC protocol).

Good Company's carbon calculator tool *G3C – Community* was used for emissions calculations. Emissions are documented in the Inventory Audit Trail. G3C – Community is an Excel-based calculator that documents all activity data; emissions factors; and emissions calculations used in the inventory. The audit trail catalogs all data, calculation, and resource files used to complete the inventory. These resources are highly detailed and will allow for those conducting future inventories to fully understand and replicate the methods used in this inventory.

GHG emissions presented in this report are represented in metric tons of carbon dioxide equivalent (MT CO<sub>2</sub>e). The gases considered in the analysis are consistent with protocol and include carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), Chlorofluorocarbons (CFCs), and perfluorocarbons (PFCs) per the Kyoto Protocol (Sulfur Hexafluoride, SF<sub>6</sub>, was not applicable). All GHG calculations use 100-year global warming potentials (GWP) as defined in the International Panel on Climate Change's 5th Assessment Report (IPCC AR5).

### Data Collection

Good Company worked with Tualatin's staff to collect the data required to calculate emissions. Tualatin's staff, along with other local and regional government staff and private entities that serve the community, graciously provided time, data, and expertise. Data and emissions factors are described in Appendix D: Summary of Data and Emissions Factors.

### Inventory Exclusions

Table 5: Summary of Inventory Exclusions

| NE = Emissions occur but are not reported or estimated<br>IE = Included Elsewhere as part of another data set where a split is not available<br>NO = Activity or process does not occur within boundary |       |   |
|---|-------|---|
| Emissions Sector / Sub-Sector   | Key   | Justification for Exclusion   |
| <b>Building energy:</b><br>Potable Water Treatment and Delivery Energy  | IE/NE | Tualatin is served mainly from the City of Portland through the Bull Run and groundwater systems. This water is gravity fed, and any additional local pumping is included in building energy. Treatment energy is not included because it occurs outside the city boundary. |
| <b>Building energy:</b><br>Energy Generation Supplied to the Grid   | NO    | No significant activity identified within Tualatin's geographic boundary. Some local community solar is likely but expected to be insignificant, with the exception of the solar generation by the city mentioned in the report.  |
| <b>Building energy:</b><br>Agriculture, Forestry, and Fishing   | NO    | No activity identified within Tualatin's geographic boundary.   |

|  |       |  |
|--|-------|--|
| <b>Building energy:</b><br>Fugitive emissions from Coal Production | NO    | No activity identified within Tualatin's geographic boundary.  |
| <b>Transportation:</b><br>Rail                                     | NE/IE | A short strip of freight rail track is located inside Tualatin. The emissions associated with this are expected to be insignificant and because there are no freight stops within the community, this can be excluded by protocol.<br>A short section of TriMet light rail is located inside Tualatin. The community's share of transit emissions, including the WES rail, are included in on-road transit emissions.  |
| <b>Transportation:</b><br>Aviation                                 | NO    | Aviation emissions within the GPC are specific to air travel that is confined to the Community's geographic boundary; no such activity identified within Tualatin's geographic boundary.<br>That said – the community's air travel emissions for flights that extend beyond the community's boundaries are estimated and included as an Other Scope 3 emissions source. These emissions represent an estimate of air travel emissions by community residents for transboundary trips outside of the community's geographic boundary. |
| <b>Transportation:</b><br>Waterborne navigation                    | NO    | There are no marinas along the Tualatin River where it borders the city. Any fuel use for small craft (such as fishing boats) is expected to be insignificant and likely to be included in transportation fuel sales.  |
| <b>Agriculture, Forestry, and Land Use</b>                         | NO/NE | No livestock activity or industrial-scale agriculture activity identified within Tualatin's geographic boundary. Land Use change emissions from development is not expected to be significant, but data was not available.   |

## Electricity

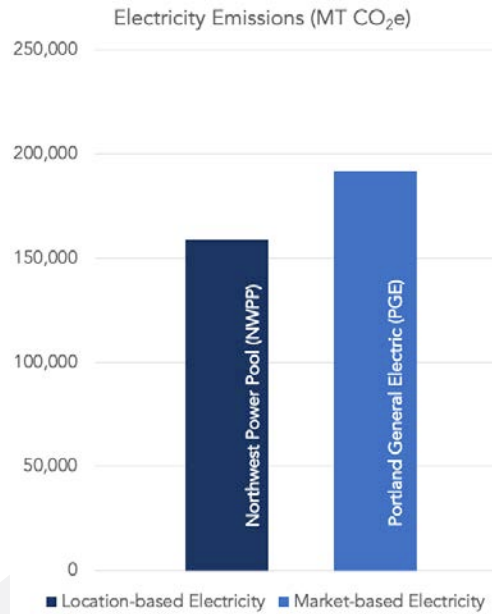
Activity data was collected from Portland General Electric (PGE). Data was collected directly from the utility, including percentage of RECs purchased. A split for commercial and industrial uses was not available.

The Community Inventory Protocol (GPC) requires that communities report electricity emissions using two accounting methods: location-based and market-based.<sup>14</sup> **Market-based accounting** is based on the GHG intensity of electricity contracts with local utilities and is used in most of the figures presented in this report as the GPC protocols recommended methodology to track progress towards goals over time. **Location-based electricity accounting emissions** are calculated using the regional electricity grid's (Northwest Power Pool, NWPP) GHG intensity and represent the average impacts of electricity use and efficiency efforts.

<sup>14</sup> For details visit [http://www.ghgprotocol.org/scope\\_2\\_guidance](http://www.ghgprotocol.org/scope_2_guidance).

- Location-based method** (or regional grid) multiplies an organization's electricity use by the average emissions intensity of a specific regional electricity grid that is published by the Environmental Protection Agency (eGRID 2019). Note that over time there may be differences in emissions results for inventory years due to the use of an updated eGRID emissions factor (typically released every 1-2 years). Location-based electricity accounting offers a means of assessing the average impacts of electricity use on the regional electricity grid.
- Market-based method** (or utility-specific) represents emissions specific to the utility and takes into account community purchase of renewable energy certificates. Market-based electricity accounting is commonly used for target and goal tracking and is useful to assess and manage GHGs associated with electricity generation and supply. It also highlights benefits for energy efficiency actions, particularly in communities served by utilities with very low GHG electricity. That is, the less electricity used in the community, the more low-GHG electricity there is available for export to communities with more GHG intensive electricity sources.

Figure 14: Electricity emissions using both accounting methods



## Appendix D: Summary of Data and Emissions Factors

| Emissions Category  | Category Description  |
|---|---|
| Building Energy (Stationary Energy in GPC Protocol)   |   |
| Residential Energy  | <i>These categories include direct emissions from natural gas, fuel oil, and propane combustion by the residential, commercial, and industrial sub-sectors within the geographic boundary. Also includes the emissions from grid electricity used by the same sub-sectors for the same geographic boundary.</i> |
| Commercial Energy   |   |
| Industrial Energy   |   |
| Electricity and natural gas data provided by Portland General Electric, Northwest Natural Gas, Calpine, and Constellation Energy. Electricity and gas data included information on retail sales and participation in renewable electricity and carbon offset programs. Residential and commercial fuel oil and propane use was estimated using state-level per capita 2019 fuel usage data downscaled by Tualatin’s 2019 population. Emissions factors for natural gas, fuel oil, and propane are from U.S. EPA’s emissions factors hub and The Climate Registry’s 2018 Default Emissions Factors and are considered highly accurate. Location-based electricity emissions factors are taken from EPA eGRID 2019 data for the Northwest Power Pool (NWPP) sub-region. Market-based electricity accounting emissions factors for electric utilities are taken from Oregon Department of Environmental Quality’s report titled, <i>2010 – 2019 Greenhouse Gas Emissions from Electricity Use</i> . Available online at <a href="https://www.oregon.gov/deq/aq/programs/Pages/GHG-Emissions.aspx">https://www.oregon.gov/deq/aq/programs/Pages/GHG-Emissions.aspx</a> . Utility data is considered highly accurate; non-utility data (e.g., fuel oil and propane) is considered to have medium accuracy. |   |
| Fugitive Natural Gas System Emissions   | <i>Fugitive loss of natural gas from the local product distribution system.</i>   |
| Northwest Natural Gas reported a 0.12% system leakage rate. Note that the NWN reported rate is less than half of the protocol default proxy value of 0.3%. This data is considered highly accurate.   |   |
| Transportation  |   |
| On-Road Energy  | <i>Direct emissions from gasoline and diesel for passenger &amp; freight transportation.</i>  |
| Fuel sales data for gasoline, diesel, propane, and compressed natural gas (CNG) was provided by the ODOT Fuels Tax Group. It quantifies the total volume of fuel sold within city borders. This data is considered highly accurate. This is following the Fuel sales methodology from the GPC. It has the advantage of being inexpensive to collect and easy to compare across years.   |   |
| Transit   | <i>Direct emissions from gasoline and diesel (on-road) and electricity (light rail) for passenger transit transportation.</i>   |
| Emissions data was collected from TriMet Transit District’s Operational GHG inventory. These emissions were estimated and downscaled by Tualatin’s population to TriMet’s service territory. Data   |   |



|   |   |
|---|---|
| received from TriMet is considered highly accurate; however, the estimate based on population is considered moderately accurate.  |   |
| <b>Rail - Passenger &amp; Freight</b>   | <i>Direct emissions from gasoline and diesel for passenger and freight transportation within the geographic boundary.</i> |
| <p>WES emissions are included in transit emissions. No Amtrak or other passenger rail activity occurring in the boundary.</p> <p>A short strip of freight rail track is located inside Tualatin. Data was not available, and emissions are expected to be insignificant. Furthermore, most transportation emissions are based on fuel sale data, of which no fuel is sold for rail uses.</p>  |   |
| <b>Off-Road</b>   | <i>Direct emissions from gasoline and diesel for off-road vehicles such as construction equipment, etc.</i>               |
| Fuel sales data for dyed diesel and biodiesel was provided by the ODOT Fuels Tax Group. This data is considered highly accurate, although there were no reported dyed fuel sales in 2019.   |   |
| <b>Waste</b>  |   |
| <b>Landfill Solid Waste</b>   | <i>Fugitive methane emissions from mixed solid waste generated in the community regardless of disposal location.</i>      |
| Tualatin has multiple destination landfills. For waste landfilled at Coffin Butte, Wasco, and Arlington landfills, EPA reported 2019 emissions were downscaled based on reported short tons from Tualatin customers. This methodology follows IPCC's first order decay model and is designated by EPA as EE-6 calculations. This activity data is considered highly accurate.   |   |
| <b>Wastewater Treatment Process Emissions</b>   | <i>Fugitive nitrous oxide emissions from discharge of treated effluent (wastewater).</i>                                  |
| <p>Wastewater treatment plant process emissions for biogas combustion and effluent discharge are calculated using data provided by Clean Water Services staff. For biogas combustion data included square cubic feet per day of biogas and the percent methane in the biogas.</p> <p>For Nitrogen effluent discharge, data was not available and was estimated using ICLEI U.S. Community GHG Protocol methodology and service population. Emissions calculations for nitrification / denitrification are based on service population.</p> <p>This activity data is considered medium-to-highly accurate.</p> |   |
| <b>Septic Systems</b>   | <i>Direct emissions from the combustion of biosolids (wastewater).</i>  |
| Septic fugitive emissions were not estimated for this report and are expected to be minimal.  |   |
| <b>Industrial Process &amp; Refrigerants (Industrial Process &amp; Product Use in GPC protocol)</b>   |   |

|   |   |
|---|---|
| <b>Refrigerants (Product Use in GPC protocol)</b>   | <i>Fugitive loss of refrigerants and other high GWP gases from building and vehicle air conditioning systems.</i>   |
| <p>Fugitive refrigerant loss and other non-industrial high GWP gas emissions are estimated using Oregon state-level data attributed to the community on a per capita basis. Activity data for state-level fugitive emissions from refrigerants, aerosols, and fire suppression systems is reported in the Oregon Department of Environmental Quality's (ODEQ's) Oregon Greenhouse Gas Inventory (as High Global Warming Potential [HGWP] sources) in quantities of CO<sub>2</sub>e. Data used is from Oregon's GHG inventory includes HGWPs for the residential &amp; commercial and transportation sub-sector (industrial emissions calculated separately, see Industrial Processes below). High GWP gas emissions are estimated from State of Oregon totals and therefore are considered as having mid-level accuracy.</p>  |   |
| <b>Industrial Processes</b>   | <i>Fugitive loss of industrial high GWP gases from industrial processes. Stationary building emissions (fuel combustion, etc.) are not included and are part of Building Emissions.</i> |
| <p>Three applicable facilities inside the boundary were identified by the EPA FLIGHT tool and/or Oregon DEQ's air quality monitoring reports. These industrial facilities are required to report significant air quality and/or climate emissions. Only one of these had non-energy emissions.</p> <p>EPA reports include specific gases and quantities with clear separation of building energy emissions. Pre-calculated values used IPCC AR<sub>4</sub> GWP values and were re-calculated to reflect more accurate IPCC AR<sub>5</sub> GWP values. Building energy emissions were excluded to avoid double counting.</p> <p>Oregon DEQ reports total emissions in CO<sub>2</sub>e and do not list specific high GWP gases or quantities, nor a split between Industrial Process and building energy emissions. Oregon DEQ was contacted with a request for an Industrial Process split which was provided. Emissions were reported using AR<sub>4</sub> GWP values and were not possible to re-calculate using AR<sub>5</sub> values. Other DEQ reported facilities either emitted biogenic emissions or 100% building energy emissions and were not included.</p> <p>This data is considered highly accurate.</p> |   |
| <b>Imported Emissions</b>   |   |
| <b>Goods</b>  | <i>Upstream energy and process emissions raw material extraction, manufacturing, and out-of-state transportation of goods.</i>  |
| <b>Food</b>   | <i>Upstream energy and process emissions from the growing, processing and transportation of foods.</i>  |
| <b>Services</b>   | <i>Upstream energy emissions from air travel by community members from all airports regardless of location.</i>   |
| <p>Accurate data on quantities and suppliers for the goods and food consumed by community households is not readily available. Therefore, the State of Oregon's 2015 consumption-based emissions inventory (CBEI) was used to estimate these sources of emissions. State of Oregon CBEI results were downscaled for Tualatin using US Census Bureau data on households' income and number of households within various income brackets. Note that ODEQ conducts the Oregon CBEI every 5 years and therefore this</p>  |   |

methodology may not be used to estimate emissions on an annual basis. Emissions estimates were therefore adjusted for inflation and nationwide trends in spending between 2015 and 2019. Spending trends were taken from the Bureau of Labor Statistics.

Air travel is based on U.S. Census Data and Oregon's version of the UC Berkeley Household Cool Climate Calculator. Given the inventory year and that data is estimated from a large and complicated economic model, this activity data is considered as having mid-to-low accuracy.

#### **Upstream Fuel Production**

*Upstream energy and process emission from the production and distribution of natural gas, gasoline, diesel, and electricity consumed either directly or indirectly by the Community.*

Data for gasoline, diesel, natural gas, and electricity use is same as previously described. Lifecycle emissions factors for the various fuel types are provided by Oregon Department of Environmental Quality's Clean Fuels program carbon intensity scores. Upstream fuel and energy emissions are calculated as the difference between direct tailpipe emissions (reported under Transportation) and total lifecycle emissions. Activity data for electricity and natural gas is considered highly accurate while transportation fuel use is considered moderately accurate because the precise feedstocks for biofuels sold within the community is not readily available. Upstream emissions can vary significantly for biofuels depending on feedstocks and therefore calculated emissions are considered moderately accurate. Upstream emissions factors are for regulatory purposes and are therefore considered highly accurate.

#### **Negative Emissions**

##### **Purchased Carbon Offsets**

*Community purchase of verified carbon offsets.*

Carbon offsets purchased by Northwest Natural Gas account holders' participation in NWN's Clear Energy program were provided by the utility as therm-equivalents and MT CO<sub>2</sub>e. This activity data is considered highly accurate.

# APPENDIX 3: PUBLIC INVOLVEMENT & COMMUNICATIONS PLAN



# Tualatin Climate Action Plan

## Public Involvement Plan

### Public Involvement Goals

- **Devote energy, scope, and budget to engage diverse communities and those who historically have been left out of public planning, such as communities of color and low income people.** We will create a welcoming and culturally relevant engagement program, and explicitly reach out to and prioritize feedback from those who are first and worst impacted by climate change.
- **Grow the relationships between the city and key stakeholders from underrepresented communities** to strengthen the results of this outreach and build trust with community members.
- **Be clear and transparent about decision-making at every step.** We will communicate complete, accurate, understandable, and timely information to the public and partners throughout the project. Community members will know their role in shaping the plan and will be able to understand how important decisions are made.
- **Listen to the public and follow-up.** We will practice active listening to better understand the lived experiences of community members, and we will follow-up with how we incorporated (or didn't incorporate) what they shared into the Climate Action Plan. Listening to understand, not respond, and following up with the public, will help create community ownership of the plan and help people "see" themselves in it.
- **Create accessible outreach materials and opportunities.** We will meet people where they are, in their preferred language, and when it is convenient for them.
- **Be flexible.** We know it will take time to build relationships and build community awareness and understanding of climate change and the Climate Action Plan. We will be flexible and respond to community needs.

### Public Involvement Schedule

#### Phase 1: Build awareness and understanding (Spring – Summer 2022)

**Goals:** Introduce the project to the public, build relationships with hard-to-reach populations, and develop community awareness and understanding of climate change and what a Climate Action Plan is.

| Activity  | Purpose   | Status                    | Key Takeaways   |
|---|---|---------------------------|---|
| <b>Community Meetings and Events</b><br><br>Ongoing | Share information about the project at English-language and Spanish-language community events and meetings. | Phase 1 Outreach Complete | <b>Top concerns:</b> Wildfires and smoke, drought, protecting the ecosystem and the river, and extreme weather.<br><br><b>Want to learn more about:</b> What actions will have the most impact, how we can work together, protecting animals, bioswales and rain gardens, how to drive less and improve access to bicycling, and what other cities are doing about climate change |

|   |  |                           |   |
|---|--|---------------------------|---|
| <b>Diverse Stakeholder Engagement</b><br><br>Ongoing                    | Build relationships with communities of color, low-income people, and others who have historically been left out of public planning who we will engage and involve throughout the project. | Phase 1 Outreach Complete | <b>Presentation to Tualatinos:</b><br>Discussed the importance of educating people, especially children, about how to take care of the environment; interest in how builders create environmentally friendly buildings; desire to learn more about how to help.       |
| <b>Project Website</b><br><br>Launch Spring 2022<br><br>Ongoing updates | Share information about the project. The website will be updated regularly and will provide opportunities for community input that align with project milestones.                          | Launched                  | <b>Comment form feedback:</b> A Climate Action Plan matters because it lays out steps to address climate change and shows the community's commitment to future generations. People are concerned about the impacts of climate change, especially to animals and pets. |
| <b>Project Factsheets and Graphics</b>                                  | Provide information about the project and opportunities for community engagement.  | Complete                  | Check out the factsheet <a href="#">here!</a>   |

## Phase 2: Gather feedback on draft adaptation and mitigation actions (Fall - Winter 2022)

**Goals:** Continue developing relationships with diverse communities, share initial adaptation and mitigation strategies with community members, and provide opportunities for engagement and feedback.

| PI Activity  | Purpose   | Status                    | Key Takeaways   |
|--|---|---------------------------|---|
| <b>Diverse Stakeholder Engagement</b><br><br>Ongoing | Build relationships with diverse stakeholders to engage and involve throughout the project. | Phase 2 Outreach Complete | <ul style="list-style-type: none"> <li>• People were concerned about water availability, future water scarcity, and air quality during fire smoke events.</li> <li>• Access to a place with clean air and cooler temperatures (and ACs) in the summer is important. The cost of running ACs is a concern.</li> <li>• Many would like to learn more about climate change and what actions have an impact. Additionally, how can communities work together?</li> <li>• Health during extreme weather conditions was a worry - especially for those who work outside and may not be able to support their</li> </ul> |

|  |   |          |   |
|--|---|----------|---|
|  |   |          | <p>families if it is too dangerous to work.</p> <ul style="list-style-type: none"> <li>• Businesses are worried about their bottom line when reducing their work hours due to extreme weather or fire smoke events.</li> </ul>  |
| <b>Online Open House #1</b><br>Fall 2022           | <p>Provide project overview and update, present initial adaptation strategies and mitigation actions, and gather feedback from community members.</p> <p>Open houses to be developed in English and Spanish.</p>  | Complete | <ul style="list-style-type: none"> <li>• During extreme weather events, people are most concerned about <b>power outages, the cost to cool or heat their homes or businesses, dangerous driving or bicycling conditions</b> during heavy rain or winter storms, and air quality during wildfires.</li> <li>• People need help - <b>financial assistance or more information</b> - to prepare for and take care of themselves during extreme events, and to reduce their emissions (i.e., putting solar panels on their home, buying a new electric or hybrid car, etc.).</li> </ul>   |
| <b>Interactive Workshops</b><br>Mid-Late Fall 2022 | <p>In these 2 hour workshops, participants will learn about the project and discuss the needs of impacted groups. Our goal will be to determine what support stakeholders need and help them understand the CAP and the initial draft adaptation and mitigation actions and strategies.</p> | Complete | <ul style="list-style-type: none"> <li>• <b>Access to information is key during, and in preparation for, extreme weather situations.</b> Information should be specific, easy to understand, and provided in Spanish and English.</li> <li>• <b>Everyone is worried about power outages.</b> Students are especially worried if school has to go online during winter storms.</li> <li>• Homeowners and small businesses would benefit from <b>education and information about what to do first</b> (i.e., install a heat pump, go solar, install smart irrigation, etc.).</li> <li>• Small business owners are concerned about <b>how climate change will impact their bottom line</b> (i.e., the financial impacts to their business), which directly affects their ability to support their families.</li> </ul> |

|   |  |                           |   |
|---|--|---------------------------|---|
| <b>Community Meetings and Events</b><br><br>Ongoing | Share information about the project at English-language and Spanish-language community events and meetings.  | Phase 2 Outreach Complete | <b><i>Attended Tualatinos and Latino Business Networking meetings, the Tigard Farmers Market, and a Chamber of Commerce networking event.</i></b> <ul style="list-style-type: none"> <li>Many business owners are concerned about how climate change will affect employees and their families, especially people who work outside (i.e., construction, agriculture, and landscaping).</li> <li>Access to information in Spanish through trusted sources is important.</li> <li>Many asked about resources for small businesses and information about what businesses can do.</li> <li>People were excited the City was creating a CAP. One person mentioned that they would like to install a heat pump, but it is cost prohibitive.</li> </ul> |
| <b>Website updates</b><br><br>Ongoing, monthly      | Share information about the project. The website will be updated regularly and will provide opportunities for community input that aligns with project milestones. | Ongoing                   |   |

### Phase 3: Share draft Climate Action Plan (Winter – Spring 2023)

**Goals:** Continue developing relationships with diverse communities; share draft Climate Action Plan with community members and provide opportunities for engagement and feedback.

| Activity   | Purpose  | Status  | Key Takeaways |
|--|--|---------|---------------|
| <b>Diverse Stakeholder Engagement</b><br><br>Ongoing | Build relationships with diverse stakeholders to engage and involve throughout the project.<br><br>Facilitate hand-off of relationships to the City of Tualatin for sustained relationships. | Ongoing |               |
| <b>Community Meetings and Events</b><br><br>Ongoing  | Share information about the project at English-language and Spanish-language community events and meetings.  | Ongoing |               |



|   |  |          |
|---|--|----------|
| <b>Online Open House #2</b><br><br>Late Spring – Early Summer 2023    | Share draft Climate Action Plan and gather feedback from the public.<br><br>Open houses to be developed in English and Spanish.                                    | Upcoming |
| <b>Local Business Outreach</b><br><br>Late Spring – Early Summer 2023 | Share information about the draft Climate Action Plan with local businesses, gather feedback and understand concerns.  | Upcoming |
| <b>Website updates</b><br><br>Ongoing, monthly                        | Share information about the project. The website will be updated regularly and will provide opportunities for community input that aligns with project milestones. | Ongoing  |

# APPENDIX 4: STAKEHOLDER WORKSHOPS SUMMARY

# Stakeholder Workshops Summary

## Background

The project team engaged stakeholders from state and local agencies, the energy utilities that serve Tualatin, non-profits, and businesses to gather feedback and inform the development of the Climate Action Plan. The project team convened seven workshops, one meeting per focus area. Three workshops focused on climate adaptation, with deep dives into natural systems, resources, and infrastructure, human health and safety, and economic shifts. Four workshops focused on reducing greenhouse gas emissions, with deep dives into buildings and energy, urban form and land use, transportation, and consumption.

## Adaptation workshops

In June 2022, 22 individuals from 11 organizations participated in stakeholder workshops focused on adapting to climate change.

The purpose of the adaptation-themed workshops was to share information and solicit input on the following topics:

- The current and future impacts of climate change in Tualatin
- The role(s) that your business or organization can play in ensuring successful adaptation to a changing climate
- What information and/or help do you need to start adapting to the changing conditions?
- How can the City of Tualatin help you move forward?

## Natural Systems

### Participants

| Name            | Title                               | Organization                           |
|-----------------|-------------------------------------|--|
| Rich Mueller    | Parks & Rec Manager                 | City of Tualatin                       |
| Carol Murdock   | Water Resource Program Manager      | Clean Water Services                   |
| Scott Wagner    | Nature & Trails Specialist          | Tualatin Valley Parks & Rec            |
| Jonathan Taylor | Economic Development Manager        | City of Tualatin                       |
| Paris Edwards   | Climate Specialist                  | ODOT                                   |
| Rachel Sykes    | Public Works Director               | City of Tualatin                       |
| Bert Olheiser   | Street/Storm/Sewer Division Manager | City of Tualatin                       |
| Nic Westendorf  | Deputy Public Works Director        | City of Tualatin                       |
| Maddie Cheek    | Management Analyst                  | City of Tualatin                       |
| Terrance Leahy  | Water Division Manager              | City of Tualatin                       |
| Josh Proudfoot  | Director, Climate and ESG           | Good Company, a division of Parametrix |
| Beth Miller     | Scientist                           | Good Company, a division of Parametrix |

### Key takeaways

The natural systems, resources, and infrastructure discussion focused on the following impacts:

- **Trees** – It is important to consider changing climate conditions when selecting and replanting trees to maintain existing canopy cover and increase canopy cover in areas that need it.
- **Water** – The Bull Run watershed, Tualatin’s primary drinking water source, faces threats from climate change. Threats include algae blooms due to excessive heat and reduced tree cover due to excessive heat and fire conditions, which could exacerbate heat and reduce shading, negatively impacting the ecosystem and water quality.
- **Heat** - Maintenance staff out working in the heat will need additional support, protective measures, and creative solutions to deal with hotter temperatures. Infrastructure will need to be designed to withstand the future temperature ranges.
- **Fire** – The threat of wildfire in Tualatin is minimal, but some outlying neighborhoods may be in danger. The City could benefit from investing in Firewise outreach to increased preparedness. Partner agencies in the region (Tualatin Valley Parks and Recreation District and Clean Water Services) have already completed fire resiliency studies. These could be a good resource for the City of Tualatin to use.
- **Flooding** – Tualatin's downtown area is in serious flood danger. Need to increase stormwater retention and design parks and other areas so that they are able to serve as stormwater retention in the event of a serious flooding event.

## Health & safety (People)

### Participants

| Name                 | Title  | Organization                                  |
|----------------------|--|---|
| Sarah Allison        | Sustainability Analyst                             | Clackamas County Sustainability & Solid Waste |
| Greg Pickering       | Interim Police Chief                               | City of Tualatin                              |
| Armando Jimenez      | Public Health Programs Manager                     | Clackamas County Public Health                |
| Tom Bozicevic        | Technical Specialist                               | OSHA  |
| Julie Ludemann       | Parks & Recreation Supervisor                      | City of Tualatin                              |
| Troy Gagliano        | Local Govt Affairs                                 | PGE   |
| Tangerine Behere     | Service Planner                                    | Tualatin Ride Connect                         |
| Betsy Rodriguez-Ruef | Community Engagement Coordinator                   | City of Tualatin                              |
| Ally Parzych         | Director of Development and Community Partnerships | Vision Action Network                         |
| Jonathan Taylor      | Economic Development Manager                       | City of Tualatin                              |
| Josh Proudfoot       | Director, Climate and ESG                          | Good Company, a division of Parametrix        |
| Beth Miller          | Scientist  | Good Company, a division of Parametrix        |
| Nic Westendorf       | Deputy Public Works Director                       | City of Tualatin                              |
| Maddie Cheek         | Management Analyst                                 | City of Tualatin                              |

### Key takeaways

The health and safety (people) discussion focused on the following themes:



- **Social cohesion** – Relationships between people are crucial to building resilient communities. Outreach to marginalized communities will require lots of work to build and improve trust. Building relationships with neighboring communities can help to improve social cohesion and use resources more efficiently.
- **Shelter** – More public refuge in parks, at transit stops and centers, and in buildings is needed to keep people safe during heat and smoke events in particular.
- **Health** – There are very real physical and mental health impacts from climate change. Development of a household resiliency kit to help people prepare for likely Tualatin climate hazards could help to increase preparedness.

## Economic Shifts

### Participants

| Name            | Title  | Organization                           |
|-----------------|--|--|
| Matt Kaiser     | Senior Policy Analyst, Legislative Coordinator | OSHA                                   |
| Anneleah Jaxen  | CEO  | Tualatin Chamber of Commerce           |
| Jonathan Taylor | Economic Development Manager                   | City of Tualatin                       |
| Liz Miller      | Sustainability Manager                         | Pacific Foods                          |
| Nic Westendorf  | Deputy Public Works Director                   | City of Tualatin                       |
| Maddie Cheek    | Management Analyst                             | City of Tualatin                       |
| Josh Proudfoot  | Director, Climate and ESG                      | Good Company, a division of Parametrix |
| Beth Miller     | Scientist                                      | Good Company, a division of Parametrix |

### Key takeaways

The economic shifts discussion focused on the following themes:

- **Difficult conditions for businesses** – Many businesses are fighting for survival following the COVID-19 pandemic and recent economic conditions. This makes it challenging to look to the future and prioritize climate action at the moment.
- **Need for information and resources** – The City of Tualatin needs to develop a long-term, ongoing outreach plan to engage more businesses to provide education about coming conditions, training on new OSHA rules pertaining to heat, fire, and smoke.

## Mitigation workshops

In October 2022, 31 individuals from 14 organizations participated in stakeholder workshops focused on reducing carbon emissions.

The goals of the mitigation-themed stakeholder workshops were to share information and solicit input on the following topics:

- Climate science basics (Climate 101)
- The current and future impacts of climate change in Tualatin (Future physical conditions)
- Tualatin's community carbon footprint and best practices and barriers to reducing emissions

- The role(s) that organizations and businesses can play in decreasing carbon emissions in the community
- The role(s) that the City of Tualatin can play to support organizations and businesses in decreasing carbon emissions in the community

## Buildings and energy

### Participants

| Name              | Title   | Organization                           |
|-------------------|---|--|
| Roger Kainu       | Energy Analyst                                  | Oregon Department of Energy            |
| Hannah Cruz       | Senior Stakeholder Relations and Policy Manager | Energy Trust of Oregon                 |
| Troy Gagliano     | Manager, Local Government Affairs               | PGE                                    |
| Nina Carlson      | Government Affairs Representative               | Northwest Natural                      |
| Jonathan Taylor   | Economic Development Director                   | City of Tualatin                       |
| Jerianne Thompson | Library Director, DEI Officer                   | City of Tualatin                       |
| Jacob Buchanan    | Operations Manager                              | CenterCal   Bridgeport Village         |
| Josh Proudfoot    | Director, Climate and ESG                       | Good Company, a division of Parametrix |
| Beth Miller       | Scientist                                       | Good Company, a division of Parametrix |
| Nic Westendorf    | Deputy Public Works Director                    | City of Tualatin                       |
| Maddie Cheek      | Management Analyst                              | City of Tualatin                       |

### Key takeaways

Themes from the buildings and energy stakeholder workshop included:

- **Education and information sharing** – The City can play a big role to help with education and amplification of existing programming (e.g. from Northwest Natural, PGE, Energy Trust of Oregon).
- **Barriers to action** – Cost seems to be the biggest barrier for folks to reduce greenhouse gas emissions right now.
- **Relationship building and partnerships** – Ongoing relationships between city and commercial/industrial actors needed to ensure they feel supported and have education and resources needed to tackle GHG mitigation.
- **Policy makers have a role to play** – Policy changes can and must play a role in speeding this up
- **A “one-size-fits-all” approach won’t work** – Different folks have different needs; there can’t be a one-size-fits-all approach to solutions or communications. Messaging and targeted different groups’ unique needs must be responsive to this.

## Urban form and land use

### Participants

| Name        | Title          | Organization     |
|-------------|----------------|------------------|
| Erin Engman | Senior Planner | City of Tualatin |

|                   |  |  |
|-------------------|--|--|
| Mike McCarthy     | City Engineer                            | City of Tualatin                       |
| Steve Koper       | Assistant Community Development Director | City of Tualatin                       |
| Steve Kelley      | Senior Planner                           | Washington County                      |
| Jerianne Thompson | Library Director, DEI Officer            | City of Tualatin                       |
| Jonathan Taylor   | Economic Development Director            | City of Tualatin                       |
| Anouksha Gardner  | Strategic Partnership Manager            | The Street Trust                       |
| Josh Proudfoot    | Director, Climate and ESG                | Good Company, a division of Parametrix |
| Beth Miller       | Scientist                                | Good Company, a division of Parametrix |
| Nic Westendorf    | Deputy Public Works Director             | City of Tualatin                       |
| Maddie Cheek      | Management Analyst                       | City of Tualatin                       |

## Key takeaways

Themes from the urban form and land use workshop included:

- **There are many chicken and egg situations when it comes to urban form and land use** – At some point the infrastructure must be established in order to get people to use it, but this requires political will. Decision makers need to accept that some things might not be utilized right away, but options do need to be provided.
- **Identifying information gaps** – There are a handful of unknowns/information gaps that the City could benefit from better understanding (e.g. the types of trees the City should be planting moving forward given changing climate conditions, which may result in a revised tree species list)
- **Policy changes are needed** – Code updates are needed to make some of these best practices materialize in reality.
- **There are unmet funding needs** – These needs can prevent best practices from being adopted currently (E.g. Funding to incentivize blended development and mixed use neighborhoods, or transit incentives)
- **Equity must be considered and prioritized** – To ensure that changes to code and distribution of funding and other resources is equitable.

## Transportation – modes and fuel switching

### Participants

| Name              | Title   | Organization     |
|-------------------|---|------------------|
| Basil Christopher | Bicycle and Pedestrian Coordinator  | ODOT             |
| Juliae Riva       | Clean Fuels Program Grants Coordinator,<br>Transportation Electrification | PGE              |
| Troy Gagliano     | Manager, Local Government Affairs   | PGE              |
| Tangerine Behere  |   | Ride Connection  |
| Brett Hoffman     | Building Maintenance Technician   | City of Tualatin |
| Mike McCarthy     | City Engineer   | City of Tualatin |

|                |                              |  |
|----------------|------------------------------|--|
| Josh Proudfoot | Director, Climate and ESG    | Good Company, a division of Parametrix |
| Beth Miller    | Scientist                    | Good Company, a division of Parametrix |
| Nic Westendorf | Deputy Public Works Director | City of Tualatin                       |
| Maddie Cheek   | Management Analyst           | City of Tualatin                       |

### Key takeaways

The transportation – modes and fuel switching stakeholder discussion focused on the following topics:

- **Communication and education** – Amplify, promote, or educate folks on existing programs and options to switch transportation modes and/or fuels.
- **There is a desire for the City of Tualatin to lead by example** – By reducing or offsetting transportation-related emissions (e.g. the City should electrify its own fleet and share that story with the public (this work is in progress as of spring 2023), adopt a city policy that requires carbon offsets to be purchased for any business-related flights).
- **Partnership is key** – The City must partner with local transit agencies and major employers in Tualatin others to reduce barriers to low-carbon transit.
- **Incentives are important** – Consider creating policies that incentivize public transportation and make use of alternative transportation modes more appealing to residents and workers in Tualatin. It is important to lead with solutions/better alternatives instead of taking convenience and ease away from folks with no backup plan. Equity issues embedded in this as well.

### Consumption – food and goods

#### Participants

| Name               | Title                                   | Organization                               |
|--------------------|---|--|
| Travis Comfort     | Municipal Contract Administrator        | Republic Services                          |
| Elaine Blatt       | Senior Policy and Program Analyst       | Oregon Department of Environmental Quality |
| Ricardo Palazuelos | Bilingual Community Outreach Specialist | Washington County                          |
| Carolina Martins   | Sustainability Specialist               | Washington County                          |
| Liz Miller         | Sustainability Manager                  | Campbells                                  |
| Lindsay Marshall   | Management Analyst                      | City of Tualatin                           |
| Josh Proudfoot     | Director, Climate and ESG               | Good Company, a division of Parametrix     |
| Beth Miller        | Scientist                               | Good Company, a division of Parametrix     |
| Nic Westendorf     | Deputy Public Works Director            | City of Tualatin                           |
| Maddie Cheek       | Management Analyst                      | City of Tualatin                           |

### Key takeaways

The consumption – food and goods stakeholder workshop focused on the following themes:



- **Building trust is key to enable borrow/sharing at a large scale to work** – trustworthy programs, groups, and/or venues must be established. Folks also need to trust that they'll be able to borrow what they need when they need it to deter them from buying new.
- **A one-sized-fits-all approach will not work** – Must tailor messaging to be culturally appropriate, goal-specific, and it must be communicated through the right channels to reach the right folks.
- **More venues are needed where folks can borrow, share, buy used/durable items, and/or drop off unwanted items that are still in good shape.** “One stop shop” for disposal has worked for other places – reduces barriers to sorting and time spent trying to get items to the right places.
- **Education and communications** –The City of Tualatin can play a huge role in educating the public (E.g. what local repair shop options exist, meal planning and food storage).
- **Right message, right place, right time** – It is important to communicate and educate about these issues as people come into contact with them (e.g. flyers about food waste reduction at grocery stores and restaurants).
- **Consistency and coordination** – Consistent messaging and collective efforts needed to ensure that folks are receiving the same messages consistently in many places.

# APPENDIX 5: FALL 2022 OUTREACH SUMMARY

# TUALATIN CLIMATE ACTION PLAN

## FALL 2022 OUTREACH SUMMARY

The City of Tualatin conducted public outreach between September and November 2022 to share information about the development of the City's first Climate Action Plan (CAP) and to solicit feedback that will inform the CAP. In this phase of outreach, the City of Tualatin shared information about what Tualatin's climate is projected to be like by the end of the century and how community members can help reduce their impact on climate change. The City also solicited feedback about what help people need from the City to cope with the impacts of climate change and reduce their greenhouse gas emissions.

**Over 250 people** were engaged through this phase of outreach. Opportunities for engagement, as well as highlights from the feedback received, are summarized below.

### Opportunities for engagement

- **1 Online Open House** offered in Spanish and English with a total of 69 responses (67 in English, 2 in Spanish); available from September 24 – November 13, 2022.
- **3 in-person workshops** with a total of 45 participants. Spanish interpretation was available at all workshops.
  - Households and Interest Groups: 17 total participants (12 English, 5 Spanish)
  - Youth: 21 total participants (20 English, 1 Spanish)
  - Small Businesses: 7 total participants (4 English, 3 Spanish)
- **2 In-person tabling events (Tigard Farmers Market and Tualatin Public Library)** with approximately 165 people engaged.
- **4 Latino Business Network meetings** attended where information about the workshops and online open house was shared.

### How engagement opportunities were promoted:

- Mailers sent to all addresses within Tualatin advertising the online open house.
- Social media posts to the City's Facebook page and Instagram account.
- An article in the local newspaper, Tualatin Life, promoting the online open house.
- Posts on the project website.
- Canvassing to local businesses.
- Tualatin Chamber of Commerce networking event.
- Emails sent to interested parties on the stakeholder list.



- Personalized emails to businesses and community groups in Tualatin.
- Promotion in the Tualatin Chamber of Commerce weekly newsletter.
- Phone calls to Spanish-speaking community members about workshops and online open house.
- Flyers promoting the open house in the Tualatin Public Library and local businesses.
- A-frame signs placed at Tualatin Community Park, Atfalati Park, the Lake of the Commons, and the entrance to the Tualatin River Greenway Trail promoting the online open house

## Public Feedback Key Themes

Overall, participants expressed interest in reducing their greenhouse gas emissions and a desire for the City to do more to address climate change. Participants would like the City to **provide more information and opportunities** to learn more about how to reduce their emissions and how to prepare for extreme weather events, as well as **financial help or incentives** to off-set the costs of reducing their greenhouse gas emissions (i.e., installing solar panels or a heat pump) and adapting to climate change (i.e., weatherizing home and businesses and/or repairing damage), which can be cost prohibitive. Key themes are summarized below:

- **Access to information** is key during, and in preparation for, extreme weather situations. Information should be specific, easy to understand, and provided in Spanish and English. Participants expressed interest in a City-hosted “resource hub” as a one-stop landing place for information related to climate adaptation, emergency preparedness, and extreme weather.
- Everyone is worried about **power outages**. Students are especially worried about them if school has to go online during winter storms.
- **Hazardous road or sidewalk conditions** can make it unsafe to walk, bicycle, or drive to work or school during extreme weather.
- People need **resources to stay warm and safe** – at home or on the way to work or school.
- A City **incentivization or “green” certification program for small businesses** could be a way to encourage businesses to reduce their greenhouse gas emissions.
- Homeowners and small businesses would benefit from **education and information about what to do first** (i.e., install a heat pump, go solar, install smart irrigation, etc.).
- There was overall interest in a **public Climate Action Fair** to learn about resources, gather needed supplies and ways to be proactive, and learn how to reduce greenhouse gas emissions.
- Small business owners are concerned about **how climate change will impact their bottom line (i.e., the financial impacts to their business)**, which directly affects their ability to support their families. There was also concern about extreme weather, which typically leads to a decrease in customers.
- The **City can act as conduit between community members and large entities** (like utility companies) to help Tualatin adapt to climate change and reduce greenhouse gas emissions.



- Spanish-speaking participants emphasized that they would like to **actively fight climate change**, rather than reacting to its effects. They raised the concern that while individual actions to reduce climate change should be encouraged, **institutional level changes and programs are needed to make real progress**.
- Many people want to make a difference, but they need **resources and support**, and they **want to feel that they are a part of a community working together**. Spanish-speaking participants were especially **interested in how community members can work together to make a positive impact** on the environment, society, and the economy (with an emphasis on the workforce). It was especially **important for these efforts to be community focused**, possibly channeled through a school or church group.
- **Youth participants expressed interest in implementing mitigation activities**, such as reforestation and recycling.

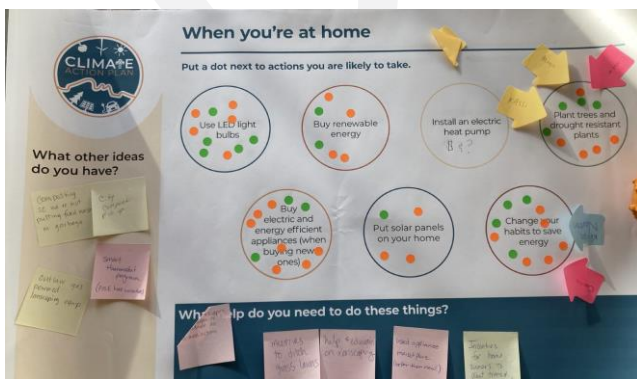
The workshop activities and online open house questions were both organized around “tools for adaptation” (how to deal with climate change impacts) and “actions for mitigation” (how to reduce your impact on the environment) and followed a similar line of questioning. The following summarizes the feedback from online and in-person participation around these themes.

## Mitigation: Actions people can take to help slow climate change

Participants were asked how they would be willing to help reduce their greenhouse gas emissions and contribution to climate change by making changes at home, when traveling, and when buying things. During the in-person workshops participants were asked to put a dot by the actions they thought they could complete. Online participants selected the actions in each category they were likely to take.



### When you're at home or your business



Poster from Households and Interest Groups workshop.

Participants expressed eagerness to make adjustments to their daily lives to mitigate climate change. The most frequently marked options in this category were to **use LED light bulbs, change your habits to save energy, and buying more energy efficient appliances**.

- **Top for Households:** Use LED light bulbs, change your habits to save energy, buy energy efficient appliances, and plant trees. For Spanish-speaking participants, using LED light bulbs and planting trees and drought resistant plants were top choices.
- **Top for Youth:** For both English and Spanish participants, use LED light bulbs, change your habits to save energy, heat or cool your space using clothes, shade, or fans, reduce food waste, and plant trees.
- **Top for Small Business:** Install an electric heat pump or solar panels, and buying renewable energy. For Spanish-speaking participants, installing solar panels was the top choice.
- **Top for online open house:** Use LED lightbulbs, buy energy efficient appliances, and change your habits.

## When you buy things

At the workshops, most of the actions in this category had a similar number of dots and check marks, and all had been selected by nearly half of all participants in that group (except in the Small Business group). **Recycling was a very popular option, as was eating more plants, and buying fewer new things. Buying local and buying more used or durable items** were both the top selections in the Small Business group.

- **Top for Households:** Fairly even distribution across all choices, with eat more plants slightly higher. For Spanish-speaking participants, recycling, eating more plants, and meal planning were top choices.
- **Top for Youth:** For both English and Spanish participants, there was a fairly even distribution across all choices, with recycling slightly higher.
- **Top for Small Business:** Even distribution across buying few new things, more used or durable items, repairing broken items, and buying energy efficient appliances. For Spanish-speaking participants, buying local and adapting sustainable purchasing policies were top choices.
- **Top online open house:** Recycling was the most popular option, followed by buying fewer new things and repairing broken items.

## When you travel / Getting to and traveling for work

Responses to the “when you travel” category were less consistent than the other two. In the Youth workshop, **most participants were willing to carpool or walk, bike, roll, or skateboard when possible**, but only a few marked the other options. **Youth participants were also hesitant about using public transit** due to not feeling safe, routes and schedules being inconvenient, or not having parental permission.

- **Top for Households:** Walk, bike, roll, or skateboard when possible, buy an electric or hybrid car, carpool, and take public transit. For Spanish-speaking participants, carpooling and taking public transit were top choices.

- **Top for Youth:** For both English and Spanish participants, carpool, and walk, bike, roll or skateboard were top choices.
- **Top for Small Business:** Working remotely (selected by all participants), coordinate carpooling, and electrifying the business vehicle fleet. For Spanish-speaking participants, working remotely was the top choice.
- **Top online open house:** Walk, bike, roll, or skateboard when possible, and buy an electric or hybrid car.

## What help people need from the City to mitigate climate change

The City asked participants what help they needed to reduce their greenhouse gas emissions. The most common suggestions revolved around **education** or **providing financial incentives and/or assistance**.

Many participants highlighted that **many of the options are cost prohibitive and that finding the funds to complete these actions is an equity issue**. Any support the City could provide in stipends, incentives, or discounts towards actions would be helpful. An online commenter also brought up that many of these actions are impossible if you rent your home.

**Many participants would be willing to take transit, walk, or bike if transit service and active transportation infrastructure were improved.** Many felt that public transit is often not safe nor convenient, and dedicated paths for biking or walking are needed to encourage both.

## Adaptation: How a changing climate impacts people

Changing climate patterns mean that Tualatin is seeing (and will continue to see) **more hot days per year, more wildfires and smoke, more severe rain and flooding, and more severe storms in the winter**. In this round of outreach, the City sought to understand what the community needs to deal with these severe weather conditions.



During the in-person workshops, participants discussed how they cope with each extreme weather event and what help they need from the City to stay safe. Online participants were able to choose between a list of concerns about each climate impact and asked to select the top five things that made it hard to deal with each impact.

## Key themes across all extreme weather scenarios

Across all four extreme weather scenarios, **needing to stay home (indoors) or not being able to get to work or school**, were the biggest concerns for workshop participants. People were particularly concerned about the **potential loss of income and feelings of isolation and depression** (especially for older community members). In the online open house, **loss of electricity** was the top concern in all but the Wildfires and Smoke category, where the top concern was **difficulty breathing or dangerous air quality**.

Below is a summary of the highlights from the feedback received:

- **Loss of work and income was a top concern, especially for Spanish-speaking participants.** Farmworkers were specifically mentioned as bearing this burden as they may not only have to work in unsafe conditions but may also have to forgo work (and thus income to support their families) if weather conditions make it unsafe to work.
- Inclement weather can make it hard or **unsafe for employees to get to work and/or work outside**. This was especially important to Spanish-speaking participants in the Small Businesses workshop.
- **Amplified negative impacts for certain populations** (particularly in terms of financial burden, risk of death, and safety). These included: People living in poverty, people with fixed incomes, hourly wage earners (may have to miss work and not get a paycheck during severe weather situations), farmworkers, and those without shelter or housing.
- **Damage caused by flooding or storms, and the resulting repairs** is a further financial concern, especially for those with limited resources. Many people also noted that they do not know what to expect during these types of events, and **more information is needed during and in preparation for them** (i.e., creating an emergency kit, plan for evacuation or reunification, etc.)
- **Transportation to school was a key issue at the Youth workshop.** Many participants walk to school, which extreme weather conditions can make difficult or even impossible. Participants suggested **adding bus routes to pick up students who live within a mile of school during inclement weather events** (as they are not served by school buses). Alternatively, **better service from public transportation** (i.e., more frequent service, more stops, or better stop shelters) would be useful.
- Youth workshop participants were very concerned about the **wellbeing of those most vulnerable to extreme weather** and what they need to cope and survive. Participants were eager to help each other and **create community systems of support**. Several participants were interested in working with the City to implement portions of the final CAP, which could include creating systems for mutual aid and care.
- Many participants expressed concern about **increased cost of electricity during peak times during the day**. Spanish-speaking workshop participants noted that excessive heat requires more use of energy to prevent food spoilage and create a safe working environment.



## What help people need from the City to adapt to a changing climate

The City asked participants what help they needed to cope with the impacts of climate change. The most common suggestions revolved around **financial assistance, information sharing, and improving or expanding City services**. Below is a summary of the key suggestions and requests:

### Provide financial assistance

- Provide access to supplies and money needed to **cope with and prepare for extreme weather**. This included air conditioners, generators, air filters or masks.
- Help people pay **electricity bills**, business and home **repairs** (after damage), and **rent** (especially important if people are not able to go to work). Spanish-speaking workshop participants suggested creating **programs to help businesses who are forced to reduce or close due to wildfire smoke**.
- Provide **blankets and warm coats**.
- **Support for low-income people** who may not be able to make expensive repairs or prepare/recover from extreme weather events.

### Improve and expand City services, ordinances, and infrastructure:

- Quickly **restore services** during and after weather events (i.e., clearing roads, restoring power, etc.).
- Help accessing **alternative power sources**, such as generator, during power outages. This was especially important to Spanish-speaking participants in the Small Businesses workshop.
- **Change City zoning ordinances** to limit development in flood plains.
- Provide a **safe place to go** during extreme weather (especially important for people who can't afford or do not have heating and cooling).
- Provide **places to charge phones and devices** during a power outage.
- Provide **extra transit and school bus routes** when it is too dangerous to walk outside.
- Plant more **trees** to provide shade and mitigate climate change.
- Create **regulations that protect employees and distribute information** about how to access safety equipment (such as masks).

### Provide more information:

- **Opportunities to learn** about how to prepare an emergency kit, create an evacuation plan, prepare your home or business for disasters, what to do during an emergency, etc.
- How to **landscape with drought resistant** plants to reduce water use.
- Which **energy-saving improvements** (installing solar, heat pumps, pervious pavement/etc.) should people do first and how.
- **Stormwater management** for your home, business, and neighborhood.
- How to **reduce natural gas use** in a business.



- Information about **how business owners can protect their employees** during extreme weather events, which was especially important to Spanish-speaking workshop participants.

### Create and leverage communication channels:

- Need for **emergency communications** so that people can help each other during emergencies, know where to go to access (i.e., food, water, etc.), and get updates.
- **Youth participants suggested using school communications**, Instagram and Facebook, signs in stores, mail, text flash alerts to communicate with them and the community.
- **Spanish business owners mentioned that radio is a useful tool for their community** as they often have the radio playing in the background.
- **Religious institutions or other community leaders** were suggested by Spanish-speakers as a good way to distribute information. Finding a trusted leader to share information with the Latino/a community is especially important as some community members may mistrust the government.

## Additional feedback

In the online open house, participants had the opportunity to participate in an **interactive map**.

Top comments revolved around a development in the southern Tualatin, where people were **concerned about trees being cut down**.

Related, people suggested that the City create **clearer permitting and rules around how people remove and plant trees**.

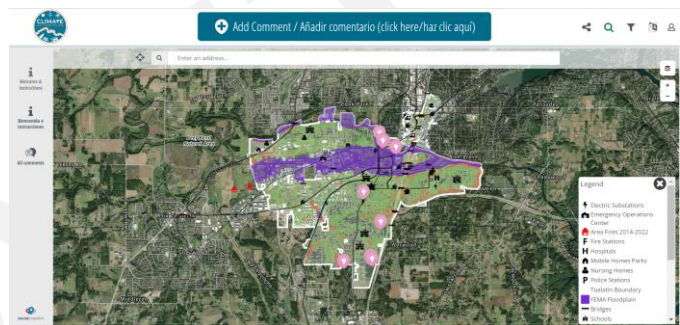
There were also location suggestions of where to place **water filling stations, ebike charging stations, and shade structures** (mostly near Tualatin Community Park).

Participants noted that many solutions to extreme weather (e.g., using AC, needing more electricity to control the temperature indoors, driving instead of walking because of heat/ice, buying more items to protect from weather), also contribute to climate change. Participants also suggested that City staff coordinate with other nearby cities and entities.

Spanish-speaking participants expressed **interest in learning about the root causes of climate change** and suggested a workshop focused on the topic. This was similar to a suggestion made by Youth workshop participants, who were interested in sharing information about climate change with their parents and guardians.

## Who we heard from

**Online Open House:** Of the 74% of all respondents to the open house who shared their demographic data, the majority identified as white. The second largest racial or ethnic identity selected was Latino/a



or Hispanic (12%). About half of participants were between the ages of 25 to 64 and just over a third of all participants indicated that they were 65 years of age or older. About a third of participants had a household income between \$40,000 to \$99,999, a little over a quarter had a household income of \$100,000 or above, and 20% indicated an income of less than \$40,000. Most participants (38%) hold a postgraduate degree, 26% have a 2-year degree, and another 26% have a 4-year college degree.

**Workshops:** Of the 44 total workshop participants, 21 were 18 years old or younger and approximately nine (9) were either bilingual in Spanish and English, or predominately spoke Spanish.

## What's Next?

The City of Tualatin will use the information gathered during this phase of outreach to inform the development of the draft Climate Action Plan, which will be shared with the public in a second online open house in Spring 2023.

DRAFT



## **CITY OF TUALATIN Staff Report**

**TO:** Honorable Mayor and Members of the City Council

**THROUGH:** Sherilyn Lombos, City Manager

**FROM:** Rachel Sykes, Public Works Director  
Nic Westendorf, Deputy Public Works Director

**DATE:** October 9, 2023

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**SUBJECT:**

City of Portland Wholesale Water Contract – Background and Overview of Key Provisions

**EXECUTIVE SUMMARY:**

The City of Tualatin has purchased water through wholesale water contracts with the City of Portland since 1979. The current contract, in place since 2006, is set to expire in June 2026. In 2015, Tualatin City Council made the decision to negotiate a new, 30-year contract with the City of Portland. Staff have been working with Portland and other wholesale customers over the past several years to review, discuss, and negotiate new and updated terms to the wholesale water contract.

At this time, Staff is ready to present an informational overview of the contract for Council. This presentation will include a refresh on the background and timeline leading to this point in contract development, an overview of the guiding principles that have been established as foundations of contract negotiations, and a discussion about Tualatin's desired outcomes. In addition, staff will provide an overview of key provisions within the contract, as they relate to desired outcomes we are seeking to achieve.

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**ATTACHMENTS:**

- PowerPoint Presentation



# **Wholesale Water Contract with City of Portland**

October 9th, 2023 | City Council Meeting



# Introduction

- **Brief Background**
- **Contract Timeline – how did we get here?**
- **Approach to a New Contract , Guiding Principles**
- **Key Outcomes and Components**
- **Questions and Feedback**





# Background – Water in Tualatin

- Tualatin has purchased water from Portland since 1979
- Flows from Bull Run nearly 60 miles to Tualatin
- Water purchase cost budgeted at \$3,328,000 for FY 23/24



# How Did We Get Here?

- **2006:** current contract with Portland is executed
- **2015:** Tualatin City Council decides to pursue new contract with Portland
- **2016:** three large wholesalers notify non-renewal
- **2020:** wholesale group hires FCS, rate consultant, to guide new contract development
- **2020-present:** contract development and negotiation in process
- **2026:** current contract set to expire



# New Contract - Guiding Principles

|  |                       |
|--|-----------------------|
| Flexible                                 | Promotes Mutual Trust |
| Not Predetermined                        | Fair                  |
| Aligns Risk                              | Avoids Gaming         |
| Cost-of-Service Based                    | Sustainable           |
| Promotes Reliability                     | Predictable           |
| Promotes Sustainable<br>Natural Resource | Simple                |



# Tualatin's Approach

- **Active participation from the start – collaboration and partnership**
- **What are Tualatin's desired outcomes?**
- **Technical expertise acquired:**
  - **Josh Soper – Beery, Elsner and Hammond**
  - **Harold Smith - Raftelis**
  - **Jeff Fuchs – Consor Engineering**



# Desired Outcomes and Key Components

- **Paying for the Water we Use**
  - Elimination of guaranteed minimum purchase quantity (GMPQ)
- **Fairness, Non-Gaming**
  - Interruptible water provision eliminated
- **Stable, Predictable Rates**
  - Cost pool consolidation
  - Washington County Supply Line





# Desired Outcomes and Key Components

- **Exit of Three Large Wholesalers**
  - Costs don't go away because they're leaving
  - Surplus Capacity
- **Continued Partnership, Regional Water Provision**
  - Diversification of source is not penalized
  - Coordinated approach to emergencies
  - Resale of water permitted
  - Working Water Manager's Group (WWMG)



# Next Steps

- **A few outstanding items being worked through at a staff level between Tualatin and Portland**
- **Legal review and negotiation in early phases**
- **Return to Council for ultimate review and recommendation once 'final' draft is achieved**
- **Goal of approval in 2024**



# Feedback and Questions





## CITY OF TUALATIN Staff Report

**TO:** Honorable Mayor and Members of the City Council  
**THROUGH:** Sherilyn Lombos, City Manager  
**FROM:** Nicole Morris, Deputy City Recorder  
**DATE:** October 9, 2023

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**SUBJECT:**  
Allocation of Funds to Outside Agencies for FY 2023-24

**RECOMMENDATION:**  
It is recommended Council provide direction on the allocation of funds.

**EXECUTIVE SUMMARY:**  
The City of Tualatin opened the grant process on August 1, 2023. A letter of invitation was emailed to all organizations that received funding in FY22/23 or that expressed an interest in participating this year; in addition, information on submitting applications was available on the City's website. The deadline for receiving applications was Friday, September 1, 2023. The FY 23/24 budget set aside \$40,000 for outside agency grants.

Staff will return with a formal resolution at the October 23, 2023 Council meeting implementing the Council's direction on the allocation of funds.

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**ATTACHMENTS:**

- Past Years Request/Disbursements
- Applications

# Outside Agency Grant Award Selection

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DEPUTY CITY RECORDER NICOLE MORRIS



# Agenda

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- Program Updates
- Application Review
- Grant Awards

# Program Updates

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## Purpose

Giving back to the community is a core value for the Tualatin City Council. One of the ways they achieve this is by actively supporting agencies that address social needs and contribute to the enrichment, improvement, and enhancement of life in Tualatin.

The Outside Agency Grant Program provides financial support to charitable non-profit agencies that align with the [City Council's 2030 Vision](#) to be:

- An **INCLUSIVE COMMUNITY** that promotes equity, diversity, and access in creating a meaningful quality of life for everyone
- A **CONNECTED, INFORMED**, and civically **ENGAGED** community that embraces our City's diversity
- A thriving and diversified **ECONOMY** that includes living wage jobs, increased tourism, and sustained financial stability for the whole city
- Safe, vibrant, and accessible **GATHERING PLACES** throughout the city that build and celebrate our whole community
- An efficient, accessible, innovative, sustainable, and connected **TRANSPORTATION SYSTEM** that effectively and safely meets the needs of our entire community
- Safe, desirable, welcoming, and sustainable **NEIGHBORHOODS** with housing that is available for all
- An **ENVIRONMENTALLY** active, sustainable, responsible, and forward-thinking community that values and protects our natural resources, inhabitants, and habitat

By channeling financial resources into these areas, Tualatin believes we can make a lasting and positive impact on the lives of all Tualatin residents. Together with our community partners, we are committed to building a stronger, more inclusive, and sustainable future for Tualatin.

# Program Updates

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## Application Updates

### ➤ New Application Question

- How does your request align with the City Council's 2030 Vision

### ➤ Guidance of Funding

- The funding for the entire program for FY 2023-24 is \$40,000, which will be disbursed to multiple agencies. Funding has typically not exceeded more than \$5,000 to one agency.

### ➤ Final Spending Questionnaire

- What value did the grant award provide to the community of Tualatin?
- Please describe how previous grant funds were used.
- How did the funds help the purpose of your organization

### ➤ Highlight of Grant Partners

- If funds are awarded to your agency, you will be given the opportunity to make a 10 minute presentation to the City Council to promote your program in the community.

# FY 23-24 Grant Process

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- Grant Period was August 1-September 1, 2023
- Received 18 applications
- Requested funding \$95,070

# Grant Requests

| OUTSIDE AGENCIES REQUESTS & DISBURSEMENTS 2020/21 TO 2023/24 |           |          |           |          |           |          |          |          |
|--|-----------|----------|-----------|----------|-----------|----------|----------|----------|
|  | 2020/21   |          | 2021/22   |          | 2022/23   |          | 2023/24  |          |
| City Donation Amount   | \$40,000  |          | \$40,000  |          | \$40,000  |          | \$0      |          |
| Total Requested (from agencies)                              | \$84,173  |          | \$75,365  |          | \$124,170 |          | \$95,070 |          |
|  | REQUEST   | RECEIVED | REQUEST   | RECEIVED | REQUEST   | RECEIVED | REQUEST  | RECEIVED |
| Borland Free Clinic  | \$ 2,000  | \$ 1,000 | \$ 2,579  | \$ 2,250 | \$ 2,250  | \$ 2,250 | \$ 5,000 |          |
| Columbia Land Trust  | \$ 6,423  | \$ 1,500 | \$ 7,286  | \$ 3,000 | \$ 5,920  | \$ 2,500 | \$ 6,970 |          |
| Community Action Organization                                | \$ 9,000  | \$ 2,500 | \$ 10,000 | \$ 2,000 | \$ 40,000 | \$ 1,500 | \$ 5,000 |          |
| Domestic Violence Resource Center                            | \$ 5,000  | \$ 2,000 | \$ 5,000  | \$ 2,000 | \$ 5,000  | \$ 2,000 | \$ 5,000 |          |
| Family Justice Center of Washington County                   | \$ 6,000  | \$ 4,500 | \$ 5,500  | \$ 4,500 | \$ 10,000 | \$ 4,500 | \$ 5,000 |          |
| Family Promise of Tualatin Valley                            | \$ 5,000  | \$ 3,500 | \$ 7,500  | \$ 5,250 | \$ 7,500  | \$ 5,250 | \$ 7,500 |          |
| Good Neighbor Center   | \$ 5,000  | \$ 4,500 | \$ 7,500  | \$ 4,500 | \$ 7,500  | \$ 4,500 | \$ 7,500 |          |
| Love INC- Tigard, Tualatin, and Sherwood                     | \$ 5,000  | \$ -     | \$ 5,000  | \$ 1,000 | \$ 5,000  | \$ 1,000 | \$ 5,000 |          |
| Meals on Wheels People                                       | \$ 1,000  | \$ 1,000 | \$ 1,000  | \$ 1,000 | \$ 1,000  | \$ 1,000 | \$ 5,000 |          |
| MITCH Charter School   |           |          |           |          |           |          | \$ 6,600 |          |
| Neighbors Nourishing Communities                             | \$ 2,500  | \$ 2,500 | \$ 5,000  | \$ 2,500 | \$ 15,000 | \$ 2,500 | \$ 2,500 |          |
| Oregon Community Warehouse                                   | \$ 5,000  | \$ 3,000 | \$ 5,000  | \$ 3,000 | \$ 5,000  | \$ 3,000 | \$ 5,000 |          |
| Rebuilding Together Washington County, Inc.                  | \$ 1,750  | \$ -     |           |          | \$ 2,000  | \$ -     | \$ 5,000 |          |
| Sexual Assault Resource Center                               | \$ 3,500  | \$ 2,000 | \$ 6,500  | \$ 2,000 | \$ 4,500  | \$ 2,000 | \$ 4,500 |          |
| The Foundation for Tigard Tualatin Schools                   | \$ 10,000 | \$ 2,000 |           |          |           |          | \$ 5,000 |          |
| Tualatin High School MEChA                                   | \$ 5,000  | \$ 2,000 |           |          |           |          |          |          |
| Tualatin High School HOSA Chapter                            |           |          |           |          | \$ 3,500  | \$ 1,000 |          |          |
| Tigard-Tualatin Family Resource Center                       | \$ 4,000  | \$ 4,000 | \$ 4,500  | \$ 4,000 | \$ 5,000  | \$ 4,000 | \$ 7,000 |          |
| Tualatin Food Pantry   | \$ 3,000  | \$ 3,000 | \$ 3,000  | \$ 3,000 | \$ 5,000  | \$ 3,000 | \$ 5,000 |          |
| With Love  | \$ 5,000  | \$ 1,000 |           |          |           |          | \$ 2,500 |          |



# Next Steps

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- Resolution of final grant awards will be on the consent agenda at the next meeting.
- Grant awardees will be notified of awards
- Contracts signed
- Funds issued
- Offer grant partners opportunity to share at Council meeting

# Council Award Discussion

| OUTSIDE AGENCIES REQUESTS & DISBURSEMENTS 2020/21 TO 2023/24 |           |          |           |          |           |          |          |          |
|--|-----------|----------|-----------|----------|-----------|----------|----------|----------|
|  | 2020/21   |          | 2021/22   |          | 2022/23   |          | 2023/24  |          |
| City Donation Amount   | \$40,000  |          | \$40,000  |          | \$40,000  |          | \$0      |          |
| Total Requested (from agencies)                              | \$84,173  |          | \$75,365  |          | \$124,170 |          | \$95,070 |          |
|  | REQUEST   | RECEIVED | REQUEST   | RECEIVED | REQUEST   | RECEIVED | REQUEST  | RECEIVED |
| Borland Free Clinic  | \$ 2,000  | \$ 1,000 | \$ 2,579  | \$ 2,250 | \$ 2,250  | \$ 2,250 | \$ 5,000 |          |
| Columbia Land Trust  | \$ 6,423  | \$ 1,500 | \$ 7,286  | \$ 3,000 | \$ 5,920  | \$ 2,500 | \$ 6,970 |          |
| Community Action Organization                                | \$ 9,000  | \$ 2,500 | \$ 10,000 | \$ 2,000 | \$ 40,000 | \$ 1,500 | \$ 5,000 |          |
| Domestic Violence Resource Center                            | \$ 5,000  | \$ 2,000 | \$ 5,000  | \$ 2,000 | \$ 5,000  | \$ 2,000 | \$ 5,000 |          |
| Family Justice Center of Washington County                   | \$ 6,000  | \$ 4,500 | \$ 5,500  | \$ 4,500 | \$ 10,000 | \$ 4,500 | \$ 5,000 |          |
| Family Promise of Tualatin Valley                            | \$ 5,000  | \$ 3,500 | \$ 7,500  | \$ 5,250 | \$ 7,500  | \$ 5,250 | \$ 7,500 |          |
| Good Neighbor Center   | \$ 5,000  | \$ 4,500 | \$ 7,500  | \$ 4,500 | \$ 7,500  | \$ 4,500 | \$ 7,500 |          |
| Love INC- Tigard, Tualatin, and Sherwood                     | \$ 5,000  | \$ -     | \$ 5,000  | \$ 1,000 | \$ 5,000  | \$ 1,000 | \$ 5,000 |          |
| Meals on Wheels People                                       | \$ 1,000  | \$ 1,000 | \$ 1,000  | \$ 1,000 | \$ 1,000  | \$ 1,000 | \$ 5,000 |          |
| MITCH Charter School   |           |          |           |          |           |          | \$ 6,600 |          |
| Neighbors Nourishing Communities                             | \$ 2,500  | \$ 2,500 | \$ 5,000  | \$ 2,500 | \$ 15,000 | \$ 2,500 | \$ 2,500 |          |
| Oregon Community Warehouse                                   | \$ 5,000  | \$ 3,000 | \$ 5,000  | \$ 3,000 | \$ 5,000  | \$ 3,000 | \$ 5,000 |          |
| Rebuilding Together Washington County, Inc.                  | \$ 1,750  | \$ -     |           |          | \$ 2,000  | \$ -     | \$ 5,000 |          |
| Sexual Assault Resource Center                               | \$ 3,500  | \$ 2,000 | \$ 6,500  | \$ 2,000 | \$ 4,500  | \$ 2,000 | \$ 4,500 |          |
| The Foundation for Tigard Tualatin Schools                   | \$ 10,000 | \$ 2,000 |           |          |           |          | \$ 5,000 |          |
| Tualatin High School MEChA                                   | \$ 5,000  | \$ 2,000 |           |          |           |          |          |          |
| Tualatin High School HOSA Chapter                            |           |          |           |          | \$ 3,500  | \$ 1,000 |          |          |
| Tigard-Tualatin Family Resource Center                       | \$ 4,000  | \$ 4,000 | \$ 4,500  | \$ 4,000 | \$ 5,000  | \$ 4,000 | \$ 7,000 |          |
| Tualatin Food Pantry   | \$ 3,000  | \$ 3,000 | \$ 3,000  | \$ 3,000 | \$ 5,000  | \$ 3,000 | \$ 5,000 |          |
| With Love  | \$ 5,000  | \$ 1,000 |           |          |           |          | \$ 2,500 |          |

| OUTSIDE AGENCIES REQUESTS & DISBURSEMENTS 2020/21 TO 2023/24 |                 |          |                 |          |                  |          |                 |          |
|--|-----------------|----------|-----------------|----------|------------------|----------|-----------------|----------|
|  | 2020/21         |          | 2021/22         |          | 2022/23          |          | 2023/24         |          |
| <b>City Donation Amount</b>                                  | <b>\$40,000</b> |          | <b>\$40,000</b> |          | <b>\$40,000</b>  |          | <b>\$0</b>      |          |
| <b>Total Requested (from agencies)</b>                       | <b>\$84,173</b> |          | <b>\$75,365</b> |          | <b>\$124,170</b> |          | <b>\$95,070</b> |          |
|  | REQUEST         | RECEIVED | REQUEST         | RECEIVED | REQUEST          | RECEIVED | REQUEST         | RECEIVED |
| Borland Free Clinic  | \$2,000         | \$1,000  | \$2,579         | \$2,250  | \$2,250          | \$2,250  | \$5,000         |          |
| Columbia Land Trust  | \$6,423         | \$1,500  | \$7,286         | \$3,000  | \$5,920          | \$2,500  | \$6,970         |          |
| Community Action Organization                                | \$9,000         | \$2,500  | \$10,000        | \$2,000  | \$40,000         | \$1,500  | \$5,000         |          |
| Domestic Violence Resource Center                            | \$5,000         | \$2,000  | \$5,000         | \$2,000  | \$5,000          | \$2,000  | \$5,000         |          |
| Family Justice Center of Washington County                   | \$ 6,000        | \$4,500  | \$ 5,500        | \$4,500  | \$10,000         | \$4,500  | \$ 5,000        |          |
| Family Promise of Tualatin Valley                            | \$ 5,000        | \$3,500  | \$ 7,500        | \$5,250  | \$ 7,500         | \$5,250  | \$ 7,500        |          |
| Good Neighbor Center   | \$ 5,000        | \$4,500  | \$ 7,500        | \$4,500  | \$ 7,500         | \$4,500  | \$ 7,500        |          |
| Love INC- Tigard, Tualatin, and Sherwood                     | \$ 5,000        | \$0      | \$ 5,000        | \$1,000  | \$ 5,000         | \$1,000  | \$ 5,000        |          |
| Meals on Wheels People                                       | \$ 1,000        | \$1,000  | \$ 1,000        | \$1,000  | \$ 1,000         | \$1,000  | \$ 5,000        |          |
| MITCH Charter School   |                 |          |                 |          |                  |          | \$ 6,600        |          |
| Neighbors Nourishing Communities                             | \$ 2,500        | \$2,500  | \$ 5,000        | \$2,500  | \$15,000         | \$2,500  | \$ 2,500        |          |
| Oregon Community Warehouse                                   | \$ 5,000        | \$3,000  | \$ 5,000        | \$3,000  | \$ 5,000         | \$3,000  | \$ 5,000        |          |
| Rebuilding Together Washington County, Inc.                  | \$ 1,750        | \$0      |                 |          | \$ 2,000         | \$0      | \$ 5,000        |          |
| Sexual Assault Resource Center                               | \$ 3,500        | \$2,000  | \$ 6,500        | \$2,000  | \$ 4,500         | \$2,000  | \$ 4,500        |          |
| The Foundation for Tigard Tualatin Schools                   | \$10,000        | \$2,000  |                 |          |                  |          | \$ 5,000        |          |
| Tualatin High School MEChA                                   | \$ 5,000        | \$2,000  |                 |          |                  |          |                 |          |
| Tualatin High School HOSA Chapter                            |                 |          |                 |          | \$ 3,500         | \$1,000  |                 |          |
| Tigard-Tualatin Family Resource Center                       | \$ 4,000        | \$4,000  | \$ 4,500        | \$4,000  | \$ 5,000         | \$4,000  | \$ 7,000        |          |
| Tualatin Food Pantry   | \$ 3,000        | \$3,000  | \$ 3,000        | \$3,000  | \$ 5,000         | \$3,000  | \$ 5,000        |          |
| With Love  | \$ 5,000        | \$1,000  |                 |          |                  |          | \$ 2,500        |          |
|  |                 |          |                 |          |                  |          |                 |          |

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #123

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Thu, 08/24/2023 - 6:15pm  
75.145.75.69

### Agency Contact Information

**Agency Name**

Borland Free Clinic

**Address**

3550 SW Borland Road

**City**

Tualatin

**State**

OR

**Zip Code**

97062

**Contact Name**

Jordan Skornik

**Contact Telephone Number**

503-550-7378

**Contact Email Address**

jordanskornik@borlandclinic.org

### Agency Request Information

**Describe your agency's mission**

Borland Free Clinic's mission is to "bring hope and healing to vulnerable people in our community as an expression of Christ's love."

Located in Tualatin, we are a faith-based nonprofit offering free medical care to the uninsured and underinsured of south metro Portland. Currently, there are no free clinics in the Portland area west of Oregon City (Clackamas Community College). And although we are located in Clackamas County, data indicates that a majority of our patients come from Washington County zip codes, and primarily the city of Tualatin.

Our services include urgent care, primary care, chronic disease treatment, physical therapy, pre-diabetes/diabetes education, and women's health care. We provide general medical care via

appointments as well as on a walk-in basis. In addition, we offer specialty care with the help of mobile visits from providers in vision and mammogram care.

### **What is the request for?**

Funding request is for \$ \$5,000

This request is for assistance with our out-of-pocket lab costs. In addition to physical exams and verbal conversation, lab work is a crucial means by which doctors offer diagnoses and treatment for the management of sickness and disease.

For the last couple of years, we have relied almost exclusively on the generosity of Legacy Meridian Park to process advanced labs that we cannot perform ourselves in clinic. Currently, Legacy offers us a \$5,000 in-kind allowance to do this. Thus far, this amount has covered most of our lab costs. However, this year, due to increased volume, we have exhausted this allowance effective June 2023.

Accordingly, we are requesting that the City of Tualatin help us cover our out-of-pocket lab costs for the remainder of 2023.

### **How does your request align with the City Council's 2030 Vision?**

Our work, and this request, align well with the first three priorities of the City Council's 2030 Vision: **AN INCLUSIVE COMMUNITY** that promotes equity, diversity, and access in creating a meaningful quality of life for everyone

- Borland Free Clinic provides equitable access to a meaningful quality of life through health care, and we are doing so in a way that brings dignity to all people in need in our community.

- A **CONNECTED, INFORMED**, and civically **ENGAGED** community that embraces our City's diversity

- Borland Free Clinic provides health care to the underserved, often minority populations, enabling them to engage civically, economically, and culturally to the city.

- A thriving and diversified **ECONOMY** that includes living wage jobs, increased tourism, and sustained financial stability for the whole city

- By enabling its citizens to live healthier lives, Borland Free Clinic contributes to a thriving economy where individuals and businesses can flourish.

### **How many Tualatin residents will be served?**

Our patient data indicates that Tualatin residents constitute the most of any patient population we serve. For example, out of 1,305 total patients served since Borland Free Clinic opened its doors in 2018, 346 of those patients (27%) reside in Tualatin. In 2022 alone, 85 out of 333 patients (26%) were from Tualatin. And thus far in 2023 (as of mid-August), 71 out of 283 patients (25%) were from Tualatin.

Accordingly, and since we anticipate serving more patients in 2023 than in 2022, it is expected that about 85-100 Tualatin residents will be served by the end of this year. Since this grant covers expenses from the second half of 2023, about half of this amount will be directly served by this grant.

### **Who is your target demographic in Tualatin?**

Borland Free Clinic's target demographic is the un- and underinsured, typically low-income, unhoused, and undocumented individuals. As noted, a significant portion of our clients live in Tualatin, where 2010 U.S. Census data shows 1 in 10 persons living in poverty. The clinic fills some of the holes in our healthcare system that weigh heavily on the uninsured, underinsured and those in between insurance coverage. Our patient population consists of homeless



individuals, recent immigrant arrivals, people who do not otherwise qualify for Medicaid (OHP), and Medicare patients who do not have adequate insurance coverage.

## Supporting Documentation

### Submit your organizations budget information

[bfc\\_-\\_2023\\_operating\\_budget.pdf](#) [2]

### Submit your board information

[bfc\\_-\\_board\\_of\\_directors\\_corrected.pdf](#) [3]

### Submit a copy of your 501(c)(3)

[bfc\\_exemption\\_letter\\_may\\_2016\\_3.pdf](#) [4]

### Other informational attachments

[bfc\\_project\\_budget.docx](#) [5]

## Final Spending Questionnaire (must be complete if received funding in prior grant cycle)

### What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?

As stated, about 25% of our patients in 2022 were residents of Tualatin. We estimate that this equates to roughly 85 Tualatin residents received free medical care in 2022.

### Please describe how previous grant funds were used.

Last year's award went toward the appreciation, training, and overall support for our 100+ active volunteers. Appreciation occurs in two primary ways: (1) through ongoing, regular hospitality (i.e., food, drinks, and supplies during clinic); (2) through our annual volunteer appreciation event, which this year was held in June at the house of one of our volunteers. In terms of training, the funds went to support classes for some of our non-Spanish-speaking volunteers to receive Spanish language instruction specific to health care settings.

Last year we were awarded \$2,250. In 2022 our expenses were as follows:

- General Appreciation: \$1,410
- Annual Appreciation Event: \$610
- Language Training: \$230

### How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?

Volunteers make our work possible—period. They are the “lifeblood” of our organization. Therefore, any money used to support them supports our services as well as our clients. For the training portion, these funds help equip our non-Spanish speaking volunteers with linguistic skills to assist in communicating with our Spanish-speaking patients.

Additionally, it is worth noting that of our active volunteers, 14 of them live in Tualatin as well.

**Source URL:** <https://www.tualatinoregon.gov/node/13520/submission/84254>

### Links

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]



## Borland Free Clinic

### 2023 Operating Budget

|                                    | 2023 Budget       |
|------------------------------------|-------------------|
| <b><u>OPERATING INCOME</u></b>     |                   |
| Individual Donations - Total       | \$ 45,000         |
| Total Grants                       | \$ 159,803        |
| Total for Events                   | \$ 140,000        |
| <b>Total Operating Income</b>      | <b>\$ 344,803</b> |
| <b><u>OPERATING EXPENSES</u></b>   |                   |
| Total Administrative Expenses      | \$ 123,386        |
| Total Fundraising Expenses         | \$ 86,859         |
| Total Medical Expenses             | \$ 107,309        |
| Total Volunteer Program Expenses   | \$ 34,508         |
| Total Operating Expense            | \$ 352,062        |
| <b>Net Operating Profit/(Loss)</b> | <b>\$ (7,259)</b> |

## City of Tualatin Outside Agencies Grant Program

### Borland Free Clinic 2023 Grant Application Project Budget

#### Expenses

#### Notes

2023 Total Outsourced Lab Costs: \$13,250

\*based on expenses from Jan-June 2023

**Total: \$13,250**

#### Funding

2023 In-Kind Lab Services (Legacy): \$5,000

Borland Free Clinic: \$3,250

**City of Tualatin: \$5,000**

**Total: \$13,250**



# BORLAND FREE CLINIC

HOPE + HEALTH + COMMUNITY

May 1, 2023

## Borland Free Clinic Board Directory

| Board Member  | Contact Information             | Location        |
|---|---------------------------------|-----------------|
| Mike W. Garrison, Jr.<br><i>President</i><br>Senior Vice President, Chief Labor/Employment<br>Counsel, Providence St. Joseph Health | mike.garrison@borlandclinic.org | West Linn, OR   |
| Don G. Carter<br><i>Vice President, Secretary</i><br>Partner Emeritus, McEwen Gisvold LLP   | doncarter@borlandclinic.org     | West Linn, OR   |
| Shauna Overman<br><i>Treasurer</i><br>Controller, The Oregon Clinic   | shaunaoverman@borlandclinic.org | West Linn, OR   |
| David Bartz, Jr.<br>Chair Emeritus, Schwabe, Williamson & Wyatt   | davidfbartzjr@gmail.com         | Portland, OR    |
| Ted Carlson,<br>Community Volunteer   | tedssnw@gmail.com               | Lake Oswego, OR |
| Faith Carter<br>Community Volunteer   | faithcarter355@gmail.com        | West Linn, OR   |
| Araceli Cruz<br>Assistant Vice President for Student Success and<br>Engagement, Warner Pacific University                           | acruz9@warnerpacific.edu        | Beaverton, OR   |
| John Geffel<br>Community Volunteer  | johngeffel@borlandclinic.org    | Oregon City, OR |
| Sue Neal<br>Executive Director, Battle Ground Health Care   | sue_neal@live.com               | Ridgefield, WA  |
| Cathi Presjak<br>Community Volunteer  | cpresjak@comcast.net            | Tigard, OR      |
| Matthew Presjak<br>Lead Financial Advisor/Managing Principal,<br>Encompass Wealth Advisors  | matt@encompasswa.com            | Tigard, OR      |
| Maria Reyes<br>City Council Member, City of Tualatin<br>Development Director, Oregon Zoo Foundation                                 | reyesmaria213@gmail.com         | Tualatin, OR    |
| Jerry W. Robinson<br>Retired Vice President and Relationship<br>Manager, KeyBank  | jkrobin7@gmail.com              | Portland, OR    |

INTERNAL REVENUE SERVICE  
P. O. BOX 2508  
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

**MAR 21 2016**

Date:

BORLAND FREE CLINIC  
C/O JOHN GEFFEL  
3550 SW BORLAND ROAD  
TUALATIN, OR 97062-6772

Employer Identification Number:  
46-1070038

DLN:  
17053007329016

Contact Person:  
MS. LEE ID# 31208

Contact Telephone Number:  
(877) 829-5500

Accounting Period Ending:  
December 31

Public Charity Status:  
170(b)(1)(A)(vi)

Form 990/990-EZ/990-N Required:  
Yes

Effective Date of Exemption:  
May 15, 2015

Contribution Deductibility:  
Yes

Addendum Applies:  
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

Based on the information you submitted with your application, we approved your request for reinstatement under Revenue Procedure 2014-11. Your effective date of exemption, as listed at the top of this letter, is retroactive to your date of revocation.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to [www.irs.gov/charities](http://www.irs.gov/charities). Enter "4221-PC" in the search bar

Letter 947



BORLAND FREE CLINIC

to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities,  
which describes your recordkeeping, reporting, and disclosure requirements.

Sincerely,

A handwritten signature in dark ink, appearing to read 'J. Cooper', with a stylized flourish at the end.

Jeffrey I. Cooper  
Director, Exempt Organizations  
Rulings and Agreements

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #133

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Fri, 09/01/2023 - 2:01pm  
98.246.223.240

### Agency Contact Information

**Agency Name**

Columbia Land Trust

**Address**

850 Officers Row

**City**

Vancouver

**State**

Washington

**Zip Code**

98661

**Contact Name**

Susie Peterson

**Contact Telephone Number**

503-238-2094

**Contact Email Address**

SPeterson@columbialandtrust.org

### Agency Request Information

**Describe your agency's mission**

The mission of Columbia Land Trust is to conserve and care for the vital lands, waters, and wildlife of the Columbia River region through sound science and strong relationships through stewarding over 50,000 acres along the Columbia River, from Astoria to the Dalles. The mission of Portland Audubon is to inspire people from all walks of life to enjoy, understand, and protect native birds, wildlife, and the natural environment upon which we all depend through work in the Portland Metro region, the coast, Eastern Oregon, and other areas of the state. The Backyard Habitat Certification Program (BHCP) is co-managed by these two organizations, supporting their missions through engaging community members to act as stewardship volunteers within their own urban and suburban neighborhoods and become informed and involved in other conservation initiatives.

BHCP's mission is to provide tools, resources, and recognition for gardening sustainably and

creating wildlife habitat. BHCP provides participants with a framework for on-the-ground habitat enhancement actions within five key focus areas: removing priority invasive weeds, planting native plants, reducing or eliminating pesticide use, practicing wildlife stewardship, and managing stormwater on-site. By engaging thousands of individuals to take action on their property and within their community, there is a direct impact on improving water and air quality, increasing urban tree canopy, and creating wildlife corridors of biodiverse habitat within urban and suburban spaces. This additionally increases equitable access to green spaces, resulting in a positive impact on community members' mental and physical health while increasing community climate resiliency.

### **What is the request for?**

Funding request is for \$6,970

The request will cover the costs of implementing BHCP in the City of Tualatin. BHCP will provide one-on-one education, site-specific guidance, technical assistance, incentives, resources, and recognition to residential lots under 1-acre and community sites of any size. Through this grant, the program will be able to enroll and provide site visits for up to 16 new participants, as well as maintaining ongoing support to the 58 existing participants. It will cover on-the-ground costs such as site visits, follow-up conversations, and outreach; materials such as resource packets, native plant coupons, "in progress" and "certification" signs, and outreach materials; and administrative costs such as managing technicians, staff and volunteers, processing new enrollments, database management, equity and inclusion initiatives, collaborating with local nurseries and businesses to offer discounts to participants, and hosting annual trainings for volunteers and landscape professionals.

### **How does your request align with the City Council's 2030 Vision?**

As our region experiences continued habitat loss and fragmentation, declining native plant and animal species, increased wildlife hazards, and increased temperatures, BHCP recognizes that this is a direct result of colonization, urbanization, and development, among other factors, that is exacerbated by climate change. Of the urban tree canopy and greenspace that remains black, indigenous, and people of color (BIPOC), low-resourced communities, immigrant communities, and disabled residents consistently have the least access while bearing the greatest environmental burdens such as extreme heat events, air and water pollution, and associated human health problems. BHCP strives to empower and enable marginalized communities, foster climate resiliency within communities, and increase equitable access to greenspaces.

Our community-focused model encourages connection and social engagement; resource and information sharing; and mutual inspiration through in-person and virtual interactions, building inclusive community between neighbors and other participants. Additionally, the program works not just with homeowners, but also with renters, businesses, schools, places of worship, and other types of community sites to engage and educate as many individuals and groups as possible. This removes the barrier of home or land ownership and engages people where they hold community forming accessible, green gathering spaces to stay informed and connect on environmental actions. Currently, we have about 500 community sites enrolled in BHCP.

In an attempt to mitigate financial barriers, BHCP also implemented a sliding scale enrollment fee a few years ago where participants can enroll for as little as five dollars or "pay-it-forward" through a larger donation. Our program also provides annual native plant nursery discount fliers to all participants. This not only helps mitigate financial barriers but also supports the green economy. Through the growth of our program, we have seen an influx in nurseries that carry native plants, in part, due to the demand created by BHCP participants. Our Fall 2023 coupon flier contains coupons to 17 local nurseries across our service area including five in Washington County and four in Clackamas County. BHCP additionally provides a publicly available Professional Directory of landscapers and arborists who attend an annual training with BHCP and are committed to environmentally friendly best practices. This directory not only helps participants find professionals who will provide services in line with the program

recommendations but also acts as advertisement and recognition for those professionals.

BHCP also has a strong focus on our partnerships with culturally specific community organizations which help us connect with a more diverse audience, support the work that these organizations already are doing, and receive valuable feedback around the accessibility of our program. When considering outreach events, BHCP first considers the location and audience of the event to ensure we are prioritizing our time and resources to reach historically marginalized communities or directly steward place-based natural resources.

In addition to the lived experience of the majority BIPOC and LGBTQ+ staff members, BHCP's team has implemented monthly Diversity, Equity, and Inclusion (DEI) focused staff meetings and trainings to deepen our team's understanding and skills of DEI-related topics and improve the accessibility of our program. We've worked to increase the cultural competency of our team by hiring staff and contractors that are bi-cultural and bi-lingual and are in the beginning stages of providing additional safety trainings so that BIPOC and LGBTQ+ staff and contractors feel supported while providing services to a wide array of community members. We contract with local non-profits to provide translation services as needed and provide the majority of our materials in Spanish, as well as English.

BHCP is committed to continually learning, seeking out and receiving feedback, and making programmatic changes to increase accessibility and ensure that we are promoting equity and diversity within our program.

#### **How many Tualatin residents will be served?**

Currently, there are over 11,400 enrolled in the program regionally, 58 of which are in Tualatin. In 2024, BHCP will be reaching approximately 1,450 new participants, of which we anticipate 16 being in Tualatin. Combined, BHCP will serve a total of 73 participants in Tualatin.

#### **Who is your target demographic in Tualatin?**

Backyard Habitat works with anyone who is interested in learning best practice land management techniques and creating habitat in their yard or greenspace while maintaining a strong focus on reaching and serving historically marginalized communities. Many of our program participants are homeowners who are looking for help to address noxious weeds, manage stormwater on their properties, and/or want to provide habitat for birds and pollinators. We also have many renters in the program who work with their landlords to participate in the program. In addition, we have about 500 community sites such as schools, multi-family housing buildings, places of worship, community gardens, and businesses in the program. For single-family residences, we serve anyone with a site under 1 acre and community sites (ie. schools, churches, multi-family housing buildings, businesses) of any size. Single-family sites of over 1 acre get referred to their local Soil and Water Conservation District (SWCD) which are better set up to serve larger lots.

BHCP's focus on reaching and serving historically marginalized communities is in recognition of these community's experiences of inequitable access to greenspaces while bearing the greatest environmental burdens of climate change. Since 2014, we have focused outreach in partnership with culturally specific groups and support their implementation of projects they view as priorities within their communities. We look at the intersectional aspects of our work and seek feedback from participants on barriers and needs, while constantly exploring and increasing the support we can provide to participants who struggle with the time, money, or physical ability needed to successfully carry out their habitat projects so that we can increase and support the equitable access to nature and greenspaces and the corresponding benefits and sense of connection that they provide.

## Supporting Documentation

### Submit your organizations budget information

[tualatin\\_2024\\_budget.pdf](#) [2]

### Submit your board information

[clt\\_board\\_roster\\_april\\_2023.pdf](#) [3]

### Submit a copy of your 501(c)(3)

[clt\\_501c3\\_letter.pdf](#) [4]

### Other informational attachments

[bhcp\\_tualatin\\_support\\_gray.pdf](#) [5]

## Final Spending Questionnaire (must be complete if received funding in prior grant cycle)

### What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?

The program expanded into the Clackamas County portion of Tualatin in FY18-19, and into the Washington County portion in FY19-20. This year we will be building off of the success of the five prior years. Each year more residents learn about the program from their neighbors and friends, so the program grows exponentially each year, creating wildlife corridors throughout the City.

This grant allowed us to continue this work in FY 22-23: enrolling 16 new participants into the program and certifying 6 properties within Tualatin. As of today, we have a total of 58 participants in BHCP within Tualatin who received continued follow-up support from the program and will continue to as long as they desire to remain engaged.

### Please describe how previous grant funds were used.

FY 22-23 grant funds covered the costs of implementing BHCP in the City of Tualatin by providing one-on-one education, site-specific guidance, technical assistance, incentives, resources, and recognition to residential lots under 1 acre and community sites of any size. Through this grant the program was able to enroll and provide site visits for 16 new participants, certifying 6 properties, and maintaining ongoing support to the 42 existing participants. It covered on-the-ground costs such as site visits, follow-up conversations, and outreach; materials such as resource packets, native plant coupons, "in progress" and "certification" signs, and outreach materials; and administrative costs such as managing technicians, staff, and volunteers, processing new enrollments, database management, equity and inclusion initiatives, collaborating with local nurseries and businesses to offer discounts to participants, and hosting our annual trainings for volunteers and landscape professionals.

### How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?

This grant helped us maintain and expand our program in Tualatin in FY22-23. It funded the enrollment and implementation of BHCP for 16 new participants, as described above, and the continued support of the 42 existing participants. These funds support conservation and restoration activities on a combined 11 acres. This past year we documented over 250 native plants and trees installed by participants on these acres (data was collected at the time of certification) with much more in-progress work that has yet to be captured. Our program primarily spreads through word of mouth and community member interactions with our yard signs and/or neighbors. This leads to a snowball effect: as new participants enroll, more community members are exposed to the program and its benefits, and seek to enroll, as well.



Through this grant, we have been able to meet the current demand in Tualatin and with continued funding, we hope to be able to grow our program in pace with the community's expanding interest and engagement.

**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84327>

#### Links

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]

[https://www.tualatinoregon.gov/system/files/webform/tualatin\\_2024\\_budget.pdf](https://www.tualatinoregon.gov/system/files/webform/tualatin_2024_budget.pdf) [3]

[https://www.tualatinoregon.gov/system/files/webform/clt\\_board\\_roster\\_april\\_2023.pdf](https://www.tualatinoregon.gov/system/files/webform/clt_board_roster_april_2023.pdf) [4]

[https://www.tualatinoregon.gov/system/files/webform/clt\\_501c3\\_letter.pdf](https://www.tualatinoregon.gov/system/files/webform/clt_501c3_letter.pdf) [5]

[https://www.tualatinoregon.gov/system/files/webform/bhcp\\_tualatin\\_support\\_gray.pdf](https://www.tualatinoregon.gov/system/files/webform/bhcp_tualatin_support_gray.pdf)

## 2024 BACKYARD HABITAT BUDGET FOR CITY OF TUALATIN

September 1, 2023

## SITE VISITS

| Personnel Costs                     | USE            |
|-------------------------------------|----------------|
| Program Management - IMPLEMENTATION | \$1,750        |
| Program Support - IMPLEMENTATION    | \$1,900        |
| <i>Personnel Total</i>              | <i>\$3,650</i> |

|   |                 |
|---|-----------------|
| <b>Professional Services and Technology</b>       |                 |
| Outreach & Technician Training                    | \$125.00        |
| Website & Database Updates and Maintenance        | \$100.00        |
| Hardware, Software and Hosting                    | \$25.00         |
| Diversity Equity and Inclusion Initiatives        | \$100.00        |
| <i>Professional Services and Technology Total</i> | <i>\$350.00</i> |

|   |                 |
|---|-----------------|
| <b>Materials/Travel</b>                                       |                 |
| Mileage reimbursment  | \$5.00          |
| Other Materials: office supplies, volunteer appreciation, etc | \$10.00         |
| Native Plant Discounts flyer                                  | \$80.00         |
| Printing  | \$15.00         |
| <i>Total Materials/Travel</i>                                 | <i>\$110.00</i> |

|                              |             |
|------------------------------|-------------|
| <b>Site Assessment Cost</b>  |             |
| Assessment Cost              | 1550        |
| Site Materials               | 400         |
| <i>Total Assessment Cost</i> | <i>1950</i> |

|                          |                |
|--------------------------|----------------|
| SUB-TOTAL                | \$6,060        |
| 15% Admin Fee / Overhead | \$910          |
| <b>TOTAL</b>             | <b>\$6,970</b> |

**COLUMBIA LAND TRUST**  
Board of Directors Profiles

April 2023

**Lisa Amato-President**

412 NE Royal Ct.  
Portland, OR 97232  
(503) 789-3262  
[lisa@AmatoCraig.com](mailto:lisa@AmatoCraig.com)

*Profession:* Principal, Amato Mediation

*Residence:* Portland, Oregon

**Charlie Bishop**

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*Profession:* Pendleton Woolen Mills

*Residence:* Portland, Oregon

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Commission

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Management

*Residence:* Ethel, Washington

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*Profession:* Lawyer, specializing in conservation  
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*Residence:* Portland, Oregon

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and Continuing Education at Linfield College

*Residence:* Portland, Oregon

**Elaine Harvey**

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*Profession:* Hydro Systems Oversight Coordinator,  
Yakama Nation Fisheries

*Residence:* Goldendale, Washington

**COLUMBIA LAND TRUST**  
Board of Directors Profiles

April 2023

**Barbara Johnson**

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Vancouver, WA 98685  
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[bdjhnsn@gmail.com](mailto:bdjhnsn@gmail.com)

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*Residence:* Vancouver, Washington

**Molly Jones**

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*Residence:* Portland, Oregon

**Laura Planck**

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*Residence:* Tigard, Oregon

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*Profession:* Conservation Director, Friends of the Columbia Gorge

*Residence:* Portland, Oregon

**Steve Shields**

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[steve.constructive@comcast.net](mailto:steve.constructive@comcast.net)

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*Residence:* Corvallis, Oregon

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[timk.spofford@gmail.com](mailto:timk.spofford@gmail.com)

*Profession:* Business Owner and Consultant: In Collaboration

*Residence:* Vancouver, Washington

**Lindsay Thane**

[lthane@schwabe.com](mailto:lthane@schwabe.com)

*Profession:* Natural Resource and Environment Law, Schwabe, Williamson, and Wyatt

*Residence:* Portland, Oregon



IRS Department of the Treasury  
Internal Revenue Service

P.O. Box 2508  
Cincinnati OH 45201

In reply refer to: 0248219411  
July 12, 2012 LTR 4168C E0  
94-3140861 000000 00

00025832

BODC: TE

COLUMBIA LAND TRUST  
% CHERY KEARNEY  
1351 OFFICERS ROW  
VANCOUVER WA 98661-3856

Employer Identification Number: 94-3140861  
Person to Contact: Laura Botkin  
Toll Free Telephone Number: 1-877-829-5500

Dear Taxpayer:

This is in response to your July 02, 2012, request for information regarding your tax-exempt status.

Our records indicate that you were recognized as exempt under section 501(c)(3) of the Internal Revenue Code in a determination letter issued in March 1998.

Our records also indicate that you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Please refer to our website [www.irs.gov/eo](http://www.irs.gov/eo) for information regarding filing requirements. Specifically, section 6033(j) of the Code provides that failure to file an annual information return for three consecutive years results in revocation of tax-exempt status as of the filing due date of the third return for organizations required to file. We will publish a list of organizations whose tax-exempt status was revoked under section 6033(j) of the Code on our website beginning in early 2011.

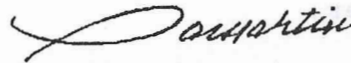


0248219411  
July 12, 2012 LTR 4168C E0  
94-3140861 000000 00  
00025833

COLUMBIA LAND TRUST  
% CHERY KEARNEY  
1351 OFFICERS ROW  
VANCOUVER WA 98661-3856

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely yours,



S. A. Martin, Operations Manager  
Accounts Management Operations

August 15, 2023

**To:** City of Tualatin Outside Agencies Grant Committee

**Re:** Backyard Habitat Certification Program's grant application

Dear Grant Committee,

Thank you in advance for considering the Backyard Habitat Certification Program's application for the City of Tualatin's Outside Agencies Grant Committee. As a Tualatin resident, current chair of TPARK (Tualatin Parks Advisory Committee), past member of the Tualatin Sustainability Network, and proud Backyard Habitat (BHCP) participant, I'm passionate about the work that the program is doing in the City of Tualatin and throughout the region.

My family first enrolled with BHCP in 2019 and was visited by a habitat technician, who provided tips, information, and resources for gardening in ways that would keep toxins out of our waterways, help prevent the spread of invasive weeds, and support pollinators and other wildlife. This initial visit, along with a follow up call and later, a virtual consultation, supported my family as we worked our way towards certification. I spent the next year and a half educating myself and making really wonderful changes to our suburban landscape! In May of 2021 we proudly received our Silver certification and have been enjoying the benefits of being home to a sustainable garden that will benefit people and wildlife alike for, hopefully, many generations.

Sometimes it feels like the impact a small suburban yard can have on the overall health of an ecosystem is too small, or not worth considering. Nothing could be further from the truth, and programs like BHCP are changing this mindset! BHCP helped me and my family understand the impacts of the choices we make in our yards and homes and I have personally seen it have the same impact for others in my neighborhood and elsewhere in our city.

The five elements of BHCP: planting native plants, removing invasive weeds, managing stormwater onsite, reducing or eliminating the use of pesticides, and providing wildlife habitat, are all critical to the health of our ecosystem. They promote biodiversity, which is now seen as one of the most critical elements of human survival. **In short, supporting the BHCP in our city is a direct way to support the current City Council vision of Tualatin as "an environmentally active, sustainable, responsible, and forward-thinking community that values and protects our natural resources, inhabitants, and habitat."**

Thank you again for considering BHCP's application. I urge you to fund their project so that Tualatin residents can enjoy the program's many benefits.

Emma Gray

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #132

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Fri, 09/01/2023 - 1:10pm  
50.34.249.10

### Agency Contact Information

**Agency Name**

Community Action

**Address**

1001 Sw Baseline St

**City**

Hillsboro

**State**

Oregon

**Zip Code**

97124

**Contact Name**

Zoi Coppiano

**Contact Telephone Number**

503-693-3284

**Contact Email Address**

zcoppiano@caowash.org

### Agency Request Information

**Describe your agency's mission**

Community Action leads the way to eliminate conditions of poverty and creates opportunities for individuals and communities to thrive. To this end, Community Action provides an array of services for families in Tualatin and throughout Washington County

**What is the request for?.**

Funding request is for \$5,000.

Community Action has been a dedicated partner in the City of Tualatin for many years, striving to enhance the quality of life for all residents and create a thriving, inclusive community. One of the key services we provide is Emergency Rent Assistance, which plays a vital role in mitigating the risk of eviction for vulnerable families facing financial hardships. The growing housing affordability crisis has made this program even more crucial to safeguarding the stability and well-being of our residents. This request is for our Emergency Rent Assistance Program.

Our proposal is to secure essential funding that will enable us to continue providing Emergency

Rent Assistance to prevent eviction and support Tualatin families in Fiscal Year 2023-2024. Our Emergency Rent past program year (22-23) was marked by unprecedented challenges as the COVID-specific rent assistance funding comes to an end and the end of the eviction moratorium, the need for emergency rent assistance has become particularly pressing to safeguard the stability of Washington County households facing housing insecurity. Despite these difficulties, Community Action remained steadfast in its commitment to supporting our residents, and with the generous funding provided, we were able to extend Emergency Rent Assistance to 2429 households, 149 of those households were from the City of Tualatin, amounting to a total of \$21,259,958.63 from various funding sources. The average rent provided to households in Tualatin was \$8,708.52.

As we all know, for low-income families, a single unexpected financial emergency, such as a job loss, reduced work hours, or an unanticipated medical bill, can lead to the inability to pay rent, putting them at risk of receiving a 10-day eviction notice. We have witnessed firsthand the devastating impact such situations can have on the lives of our residents, leading to housing instability and increased vulnerability.

Community Action Rent Assistance program not only prevents evictions and homelessness for low-income Tualatin households experiencing financial crises by providing a one-time emergency assistance payment equivalent to a full month's rent, but Community Action also acts as an advocate for clients, negotiating with landlords on their behalf to seek reduction or forgiveness of fees or back rent that may have accrued due to the financial crisis. In addition, we take a comprehensive approach to assisting clients by referring them to other services that can help them maintain their housing in the long term. This includes longer-term rental assistance, utility assistance, tenant education classes, energy conservation education, etc.

We firmly believe that the City of Tualatin's support is instrumental in making a difference in the lives of our residents, especially during times of financial crisis. Together we can take significant strides towards achieving the City Council's vision of safe, desirable, welcoming, and sustainable neighborhoods with housing that is accessible to all residents, regardless of their income level

### **How does your request align with the City Council's 2030 Vision?**

The pressing need for affordable housing is evident from the distressing statistic that about 26% of Tualatin's households, earning less than \$41,000, cannot afford a two-bedroom apartment at Washington County's Fair Market Rent (FMR) of \$1,330 without cost-burdening themselves. (Tualatin Housing needs analysis 2019)

Our proposed initiatives reflect our shared commitment to creating safe, desirable, welcoming, and sustainable neighborhoods with housing that is available to all residents as described in the City Council's 2030 Vision for Tualatin. Our funding request for Emergency Rent Assistance and Eviction Prevention Assistance directly contributes to the safety and stability of Tualatin neighborhoods. By preventing evictions and offering financial support during times of crisis, we ensure that vulnerable households can maintain secure housing and reduce the risk of displacement.

With the City's support, we can continue to make a significant impact on the lives of Tualatin residents, working together to create a brighter future for our community.

### **How many Tualatin residents will be served?**

The past three program years these are the total # of households served and the number in blue are the ones in the Tualatin jurisdiction.

2020-2021 total 406 households served, 19 of those in Tualatin 97062

2021-2022 total 2706 households served, 160 of those in Tualatin 97062

2022-2023 total 2429 households served, 149 of those in Tualatin 97062

Our current goal is to be able to serve a minimum of 1,443 household throughout Washington County for the current 2023-2024 program year, the average payment amount per household at the moment is \$8,414.29.

**Who is your target demographic in Tualatin?**

In Tualatin, 10.2% of residents have an income below the poverty line, and the child poverty rate is 13.9%. On a per-household basis, 5.8% of families are below the poverty line in Tualatin. Community Action addresses the needs of vulnerable populations and promotes equity to build a more inclusive and compassionate community. Promoting equity in access to housing programs and support services ensures that all residents have equal opportunities to thrive and succeed. By targeting systemic barriers, such as racial disparities and economic hardships, our programs take concrete steps toward creating a more just and equitable society. It recognizes that certain groups may face disproportionate challenges in accessing housing and support services and works to level the playing field for all members of the community.

In doing so, Community Action helps to break down barriers and overcome obstacles that prevent vulnerable populations from achieving their full potential. Community Action's approach includes hiring bilingual staff, partnering with culturally specific organizations, and offering translation and interpretation services to clients. This demonstrates a commitment to cultural awareness and sensitivity, which is crucial in providing effective support and assistance to diverse communities.

**Supporting Documentation****Submit your organizations budget information**

[cao\\_2023-2024\\_preliminary\\_budget\\_summary.pdf](#) <sup>[2]</sup>

**Submit your board information**

[2023-2024\\_board\\_member\\_list\\_as\\_of\\_august\\_2023.docx](#) <sup>[3]</sup>

**Submit a copy of your 501(c)(3)**

[cao\\_501c3\\_irs\\_determination\\_letter\\_2001.pdf](#) <sup>[4]</sup>

**Other informational attachments****Final Spending Questionnaire (must be complete if received funding in prior grant cycle)****What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

In 2022-2023 CAO served a total of 2429 households Countywide, 149 of those in Tualatin (97062). City of Tualatin funding along with other funding sources were used to support the community at risk of eviction.

**Please describe how previous grant funds were used.**

For the 2020-2021 funding year we were able to serve 19 Tualatin household with \$6,3847.47 giving an average payment of \$3,360.39 per HH.

For the 2021-2022 funding year we were able to serve 160 Tualatin household with \$1,389,946.24 giving an average payment of \$8,687.16 per HH.

For the 2022-2023 funding year we were able to serve 149 Tualatin household with \$1,297,570.04 giving an average payment of \$8,708.52 per HH.

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**



By using the funds to expand services and raise awareness, Community Action is better equipped to address the root causes of poverty and provide comprehensive assistance to those in need. This aligns perfectly with our organization's mission to create opportunities for individuals and communities to thrive, making a positive impact on the well-being and quality of life of residents in Tualatin and Washington County. Overall, the funds have allowed Community Action to reinforce its commitment to serving the community, improving its capacity to support families, and fostering a more inclusive and compassionate environment for all residents.

**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84326>

#### Links

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]  
[https://www.tualatinoregon.gov/system/files/webform/cao\\_2023-2024\\_preliminary\\_budget\\_summary.pdf](https://www.tualatinoregon.gov/system/files/webform/cao_2023-2024_preliminary_budget_summary.pdf) [3]  
[https://www.tualatinoregon.gov/system/files/webform/2023-2024\\_board\\_member\\_list\\_as\\_of\\_august\\_2023.docx](https://www.tualatinoregon.gov/system/files/webform/2023-2024_board_member_list_as_of_august_2023.docx) [4]  
[https://www.tualatinoregon.gov/system/files/webform/cao\\_501c3\\_irs\\_determination\\_letter\\_2001.pdf](https://www.tualatinoregon.gov/system/files/webform/cao_501c3_irs_determination_letter_2001.pdf)



**2023-2024**  
**Approved Preliminary Budget**

***Revenue***

|                      |    |                      |
|----------------------|----|----------------------|
| Housing Stability    | \$ | 19,508,471           |
| Head Start           |    | 15,637,576           |
| Family Stability     |    | 4,393,444            |
| Development          |    | 724,856              |
| Misc                 |    | 88,000               |
| <b>Total Revenue</b> |    | <b>\$ 40,352,347</b> |

***Direct Expenses***

|                              |    |                      |
|------------------------------|----|----------------------|
| Housing Stability            | \$ | 17,561,422           |
| Head Start                   |    | 13,760,085           |
| Family Stability             |    | 3,915,683            |
| Other                        |    | 82,249               |
| Direct Administration        |    | 920,219              |
| <b>Total Direct Expenses</b> |    | <b>\$ 36,239,658</b> |

***Income before Indirect, Development & Unallowable*** **4,112,689**

***Indirect, Development, & Unallowable Expenses***

|   |  |                     |
|---|--|---------------------|
| Indirect Administration                                       |  | 4,240,315           |
| Development   |  | 460,279             |
| Unallowable   |  | 95,150              |
| <b>Total Indirect, Development &amp; Unallowable Expenses</b> |  | <b>\$ 4,795,745</b> |

|                          |           |                  |
|--------------------------|-----------|------------------|
| <b>Net Income/(Loss)</b> | <b>\$</b> | <b>(683,056)</b> |
|--------------------------|-----------|------------------|

*Approved by the Board of Directors June 21, 2023*

*Fiscal Year July 1 2023 - June 30, 2024*



## **2023-2024 BOARD OF DIRECTORS**

### **EXECUTIVE COMMITTEE**

Chair Person: Steve Callaway, Mayor, City of Hillsboro  
Vice Chair: Heather Kemper, Oregon Law Center  
Treasurer: Nancy Ford, Community Representative  
Secretary: Kat Sigurdson, Community Representative  
At-Large: Tania Uluan, Community Representative

### **BOARD MEMBERS**

Bill Miner, Partner, Davis Wright Tremaine LLP  
Courtney Thomas, Community Representative  
Dana Nason, Hillsboro Pediatric Clinic  
Lacey Beaty, Mayor, City of Beaverton  
Lisa Imes, Policy Council Representative  
Pam Treece, Commissioner, Washington County  
Peter Truax, Former Mayor, City of Forest Grove  
Rolanda Garcia, Administrator, Department of Human Services  
Scott Gardner, Sr. Principal Accountant, Portland General Electric  
Vicky Lopez Sanchez, Dean of K-12 & Community Partnerships, Portland Community College

**Internal Revenue Service**

**Department of the Treasury**

**P. O. Box 2508  
Cincinnati, OH 45201**

**Date: May 16, 2001**

**Community Action Organization  
1001 SW Baseline  
Hillsboro, OR 97123**

**Person to Contact:**  
Viola Wahoff 31-07420  
Customer Service Representative  
**Toll Free Telephone Number:**  
8:00 a.m. to 9:30 p.m. EST  
877-829-5500  
**Fax Number:**  
513-263-3756  
**Federal Identification Number:**  
93-0554941

Dear Sir or Madam:

This letter is in response to your request for a copy of your organization's determination letter. This letter will take the place of the copy you requested.

Our records indicate that a determination letter issued in April 1974 granted your organization exemption from federal income tax under section 501(c)(3) of the Internal Revenue Code. That letter is still in effect.

Based on information subsequently submitted, we classified your organization as one that is not a private foundation within the meaning of section 509(a) of the Code because it is an organization described in sections 509(a)(1) and 170(b)(1)(A)(vi).

This classification was based on the assumption that your organization's operations would continue as stated in the application. If your organization's sources of support, or its character, method of operations, or purposes have changed, please let us know so we can consider the effect of the change on the exempt status and foundation status of your organization.

Your organization is required to file Form 990, Return of Organization Exempt from Income Tax, only if its gross receipts each year are normally more than \$25,000. If a return is required, it must be filed by the 15th day of the fifth month after the end of the organization's annual accounting period. The law imposes a penalty of \$20 a day, up to a maximum of \$10,000, when a return is filed late, unless there is reasonable cause for the delay.

All exempt organizations (unless specifically excluded) are liable for taxes under the Federal Insurance Contributions Act (social security taxes) on remuneration of \$100 or more paid to each employee during a calendar year. Your organization is not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Organizations that are not private foundations are not subject to the excise taxes under Chapter 42 of the Code. However, these organizations are not automatically exempt from other federal excise taxes.

Donors may deduct contributions to your organization as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to your organization or for its use are deductible for federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Community Action Organization  
93-0554941

Your organization is not required to file federal income tax returns unless it is subject to the tax on unrelated business income under section 511 of the Code. If your organization is subject to this tax, it must file an income tax return on the Form 990-T, Exempt Organization Business Income Tax Return. In this letter, we are not determining whether any of your organization's present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

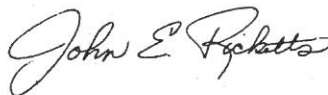
The law requires you to make your organization's annual return available for public inspection without charge for three years after the due date of the return. If your organization had a copy of its application for recognition of exemption on July 15, 1987, it is also required to make available for public inspection a copy of the exemption application, any supporting documents and the exemption letter to any individual who requests such documents in person or in writing. You can charge only a reasonable fee for reproduction and actual postage costs for the copied materials. The law does not require you to provide copies of public inspection documents that are widely available, such as by posting them on the Internet (World Wide Web). You may be liable for a penalty of \$20 a day for each day you do not make these documents available for public inspection (up to a maximum of \$10,000 in the case of an annual return).

Because this letter could help resolve any questions about your organization's exempt status and foundation status, you should keep it with the organization's permanent records.

If you have any questions, please call us at the telephone number shown in the heading of this letter.

This letter affirms your organization's exempt status.

Sincerely,

A handwritten signature in cursive script that reads "John E. Ricketts".

John E. Ricketts, Director, TE/GE  
Customer Account Services



Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #122

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Submission information

Form: [Outside Agency Funding Request Form](#) <sup>[1]</sup>  
Submitted by Visitor (not verified)  
Tue, 08/22/2023 - 4:21pm  
50.78.185.73

Agency Contact Information

**Agency Name**  
Community Warehouse

**Address**  
8380 SW Nyberg St

**City**  
Tualatin

**State**  
Oregon

**Zip Code**  
97062

**Contact Name**  
Sara Rodriguez

**Contact Telephone Number**  
2133085313

**Contact Email Address**  
[sara@communitywarehouse.org](mailto:sara@communitywarehouse.org)

Agency Request Information

**Describe your agency's mission**  
For 22 years, Community Warehouse (CW) has served as the Portland metro area’s only furniture bank, with a mission to provide donated furniture and household items to neighbors seeking the comfort and dignity of a furnished home while overcoming adversity. Our concept is simple: we accept donations of household items from the community and give them to people who need furniture.

CW responds to the gap between housing programs that help people find a place to live and the subsequent need for furnishings that allow people to do more than just camp out in empty rooms. Annually, we serve 5,500+ individuals who visit our furniture banks in Tualatin and NE Portland to pick out beds to sleep in, tables, cookware and dishes for family meals, desks for schoolwork, and other furnishings, turning their empty houses into furnished homes.

CW partners with 160+ local social service agencies who refer their clients: shelters, transitional housing programs, community-based organizations, public agencies, schools, and faith communities. Local partners include: Community Action, Family Promise, and the Tigard-Tualatin Resource Center.

For neighbors who need furniture, CW is their only resource. Furnishing a home is expensive, time-consuming, and typically not part of government or nonprofit housing budgets, so for individuals and families newly in housing, this often means they move in without beds, tables, kitchenware, and other items that make thriving at home possible.

Being able to meet the furniture demands of neighbors transitioning into housing is key to their long-term stability. In a study completed with the Portland housing agency JOIN, we found that housing retention increased by 40% when people transitioning from homelessness received furnishings from Community Warehouse.

Annually, Community Warehouse processes 600+ tons of donated furnishings. By redistributing items already present in our community, we support upstream waste reduction and sustainability, connecting neighbors through meaningful reuse.

### **What is the request for?**

Community Warehouse operates Warehouses in Tualatin and NE Portland, and we manage a fleet of trucks that picks up donated furniture. Annually, at our Tualatin Warehouse, we process 300+ tons of donated furnishings, such as mattresses, tables, chairs, dressers and kitchenware. In Tualatin, items are redistributed to over 3,000 low-income individuals annually who are in need of furniture and other household goods.

Community Warehouse respectfully requests \$5,000 to support Tualatin Warehouse operations (staffing, utility costs, etc.) as staff pick-up/receive and process donations and Tualatin clients come to our Warehouse by appointment to select furniture.

### **How does your request align with the City Council's 2030 Vision?**

An INCLUSIVE COMMUNITY that promotes equity, diversity, and access in creating a meaningful quality of life for everyone

- Community Warehouse serves Tualatin residents most affected by systemic inequity. Through volunteering and furniture donation, Community Warehouse offers a way for every member of our community to engage in the work of providing neighbors with the comfort and dignity of a furnished home.

A thriving and diversified ECONOMY that includes living wage jobs, increased tourism, and sustained financial stability for the whole city

- Our Tualatin Warehouse employs 9 full time employees in living wage jobs and contributes to the financial stability of over 250 Tualatin residents by providing furniture that stabilizes housing and allows them to work towards other financial goals.

An ENVIRONMENTALLY active, sustainable, responsible, and forward-thinking community that values and protects our natural resources, inhabitants, and habitat

- Each year, our Tualatin Warehouse processes and redistributes 300+ tons of bulky furniture (19,000+ items). By redistributing items already present in our community, we support upstream waste reduction and sustainability, connecting neighbors through meaningful reuse and redirecting tons of bulky waste from local landfills.

### **How many Tualatin residents will be served?**

410. 100% of the grant funds will be directed to Tualatin residents served by the Tualatin Warehouse.

**Who is your target demographic in Tualatin?**

Community Warehouse serves Tualatin residents most affected by systemic inequity. All of our clients (100%) are low income. 80% are families with children, 51% are single parent households. In addition, 29% identify as living with a disability.

Approximately 38% of the people we serve identify as White, 22% as Black, 12% as Latino/a/x, 10% as Native American, American Indian or Alaska Native, 11% as Multi-Racial, 4% as Asian, Native Hawaiian/Pacific Islander, and 1% as Middle Eastern/North African.

Community Warehouse serves people who typically are starting over from scratch. A staff member explains who we help: "My clients are low-income population as well as immigrants, non-English speaking, but more specifically women: single moms, women suffering from DV (domestic violence), and some others referred from the school district because their kids qualified for a school program."

CW predominantly works with people referred by one of our 160+ partner agencies: nonprofit and government agencies such as housing programs, community centers, churches, school programs, and hospitals, such as Community Action, Family Promise, and the Tigard-Tualatin Resource Center.

Supporting Documentation

**Submit your organizations budget information**

[2023\\_budget\\_-\\_approved.pdf](#) <sup>[2]</sup>

**Submit your board information**

[cw\\_board\\_of\\_directors\\_exec\\_leadership\\_roster\\_jun\\_2023.pdf](#) <sup>[3]</sup>

**Submit a copy of your 501(c)(3)**

[501c3\\_communitywarehouse.pdf](#) <sup>[4]</sup>

**Other informational attachments**

[2023\\_grant\\_photos\\_quotes.pdf](#) <sup>[5]</sup>

Final Spending Questionnaire (must be complete if received funding in prior grant cycle)

**What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

237 Tualatin residents (including 114 children) received furniture from Community Warehouse in the last year.

**Please describe how previous grant funds were used.**

Last year, we increased the number of Tualatin families served monthly from 85 in 2022 to 117 in 2023 - a 37% increase.

The average market-value cost to furnish a one-bedroom apartment is \$6,000. Community Warehouse is cost-effective, averaging \$1,000 to furnish a home for a family. Social service agencies who bring their clients to us pay \$150 for each appointment, which defers some of the cost of Warehouse operations (staff, mortgage, utilities, supplies, etc.). Ultimately, Community Warehouse must fundraise

the balance (\$850 per family). Each appointment provides a houseful of furniture and essential home goods like dishes, pots and pans and linens.

Last year, Community Warehouse invested \$50,150 towards providing furniture to Tualatin residents. Grant funds from last year were used to subsidize CW's costs – 6% of each family's services.

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

To increase the number of Tualatin families served, we increased inventory (donations) and appointment accessibility.

More inventory to meet client demand -

We put a second donation pick-up truck on the road, doubling donation pick-up appointments.

We decreased our donation pick-up fee from \$80 and now offer a sliding scale fee thanks to grants from Metro and the Marquis Family Foundation who are helping to fund our truck operations.

These efforts have led to a 45% increase in donated items, which is critical to increasing the number of families served and meeting the demand from our community.

Improved accessibility to services -

At Community Warehouse, providing services that offer dignity and autonomy for our clients is as important as the furniture itself. Because of this, our appointments give clients the opportunity to come to the Warehouse to select their own furniture. But not all clients can come to the Warehouse: some may have transportation issues, others may be homebound due to a medical condition. This year, we introduced virtual appointments in addition to our in-person appointments. At these appointments, conducted via a video call, clients work with a Community Warehouse staff member to select their furniture from wherever they are.

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**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84235>

**Links**

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]

[https://www.tualatinoregon.gov/system/files/webform/2023\\_budget\\_-\\_approved.pdf](https://www.tualatinoregon.gov/system/files/webform/2023_budget_-_approved.pdf) [3]

[https://www.tualatinoregon.gov/system/files/webform/cw\\_board\\_of\\_directors\\_exec\\_leadership\\_roster\\_jun\\_2023.pdf](https://www.tualatinoregon.gov/system/files/webform/cw_board_of_directors_exec_leadership_roster_jun_2023.pdf) [4]

[https://www.tualatinoregon.gov/system/files/webform/501c3\\_communitywarehouse.pdf](https://www.tualatinoregon.gov/system/files/webform/501c3_communitywarehouse.pdf) [5]

[https://www.tualatinoregon.gov/system/files/webform/2023\\_grant\\_photos\\_quotes.pdf](https://www.tualatinoregon.gov/system/files/webform/2023_grant_photos_quotes.pdf)

|                            |      |
|----------------------------|------|
| OREGON COMMUNITY WAREHOUSE | 2023 |
| Budget                     |      |

| Revenue:                      | 2023 Budget      |
|-------------------------------|------------------|
| Individual Contributions      | 375,000          |
| Corporate Contributions       | 35,000           |
| Foundation Grants             | 325,000          |
| Government Grants & Contracts | 72,500           |
| Event Income                  | 275,000          |
| In-Kind Contributions         | 1,850,000        |
| Client Fees                   | 602,250          |
| Program Delivery              | 833,925          |
| Pickup & Store Delivery Fees  | 152,160          |
| Estate Store Sales            | 690,000          |
| Rental Revenue                | 22,200           |
| Investment & Interest Income  | 5,000            |
| Gain (Loss) on Asset Disposal | -                |
| Other Revenue                 | 7,500            |
| Release of Restrictions       | -                |
| <b>Total Revenue</b>          | <b>5,245,535</b> |

| Expenses:                           | 2023 Budget      |
|-------------------------------------|------------------|
| Wages                               | 1,426,237        |
| Payroll Taxes                       | 283,622          |
| Employee Benefits                   | 180,633          |
| Retirement Benefits                 | 35,473           |
| Workers' Comp                       | 20,000           |
| Contract Services & Consulting      | 590,000          |
| Bookkeeping Services                | 32,000           |
| Payroll Services                    | 10,000           |
| Legal Services                      | 1,500            |
| Information Technology              | 45,000           |
| Vehicle Operations                  | 80,000           |
| Vehicle Purchase & Leasing          | -                |
| Professional Development & Training | 14,000           |
| Storage Rental                      | 71,500           |
| Office Supplies                     | 15,000           |
| Program Supplies                    | 98,000           |
| Facilities Maintenance              | 50,000           |
| Garbage & Utilities                 | 50,000           |
| Meetings Expense                    | 13,000           |
| Telecommunications                  | 20,000           |
| Printing & Copying                  | 5,500            |
| Postage & Delivery                  | 4,000            |
| Advertising                         | 15,000           |
| Event Expense                       | 70,000           |
| Licenses & Fees                     | 2,500            |
| Bank Charges & Merchant Fees        | 35,000           |
| Insurance                           | 63,200           |
| Dues & Subscriptions                | 27,500           |
| Depreciation & Amortization Expense | 62,000           |
| Interest Expense                    | 58,000           |
| Miscellaneous Expenses              | 5,000            |
| In-Kind Assistance                  | 1,850,000        |
| Client Fee Assistance               | 10,000           |
| Fund Transfers                      | -                |
| <b>Total Expenses</b>               | <b>5,243,665</b> |

|                      |       |
|----------------------|-------|
| Change in Net Assets | 1,870 |
|----------------------|-------|



# BOARD OF DIRECTORS & EXECUTIVE LEADERSHIP



Updated June 2023

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## BOARD:

### **ROZ BABENER**

*Board Chair Emeritus & Founder*  
4155 SW Patrick Place  
Portland, Oregon 97239  
503.329.5588 (c)  
roz755@aol.com

### **ANN KIRBY, MS, MPA, BSN**

*Board President*  
*Board Development Committee Chair*  
Retired, Providence Health & Services  
5205 SE 32nd Ave  
Portland, OR 97202  
503.893.6011(o)  
503.718.1524 (c)  
annette.kirby@providence.org

### **JOHN MIDDLETON**

*Board Vice President*  
*Enterprise Committee member*  
503-544-5562  
jlawmid@gmail.com

### **TARA MCELHANNON**

*Board Secretary*  
*Strategic Planning Committee Chair*  
Sr. Technical Program Manager,  
Amazon Web Services  
16578 S Edenwild Ln  
Oregon City, OR 97045  
503.956.0289 (c)  
tara.e.mcelhannon@gmail.com  
taramcel@amazon.com

### **JORGE MONCAYO**

*Board Treasurer*  
*Finance Committee Chair*  
Director of Business and Financial  
Planning, NW Natural Gas  
Company  
250 SW Taylor St  
Portland OR, 97204  
503.610.7513  
jorge.moncayo@nwnatural.com

### **SHARETTA BUTCHER**

Community Care Director,  
North by Northeast Community  
Health Center  
1734 N Webster St.  
Portland, OR 97217  
503.946.5680  
sbutcher@nxneclinic.org

### **PAIGE CAMPBELL**

President/Partner, Grady  
Britton  
7732 SW Redhawk Court  
Durham, OR 97224  
503.228.4118 (o)  
503.799.1175 (c)  
pager.campbell@gmail.com  
paigec@gradybritton.com

### **BUCK CARRELL**

*Finance Committee member*  
Branch Manager, OnPoint  
Community Credit Union  
22 11th Avenue, Apartment 209  
Portland, OR 97214  
503.525.4777 (o)  
360.990.3091 (c)  
buckcarrell@gmail.com  
buck.carrell@onpointcu.com

### **TAM HIXSON**

Broker, Windermere Realty  
Trust  
220 A Ave., Ste. 200,  
Lake Oswego, OR 97034  
971.361.6557  
tam@windermere.com

### **JESSICA MATHIS**

Regional Organizer,  
Welcome Home Coalition  
1230 SE Morrison St, Apt 404  
Portland, OR 97214  
503.312.5035 (c)  
jessicemathis@gmail.com

### **LAUREN RUSSELL**

Attorney, Dunn Carney LLP  
851 SW 6th Ave, Suite 1500  
Portland, OR 97204  
503.346.5346  
lrussell@dunncarney.com

## EXECUTIVE LEADERSHIP:

### **ANNA KURNIZKI**

Executive Director, Community  
Warehouse  
971.865.5284  
anna@communitywarehouse.org

INTERNAL REVENUE SERVICE  
P. O. BOX 2508  
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date:

**MAY 08 2006**

OREGON COMMUNITY WAREHOUSE INC  
2267 N INTERSTATE  
PORTLAND, OR 97227-0000

Employer Identification Number:  
93-1310582

DLN:  
17053091724026

Contact Person:  
ERIC J BERTELSEN ID# 31323

Contact Telephone Number:  
(877) 829-5500

Public Charity Status:  
170(b)(1)(A)(vi)

Dear Applicant:

Our letter dated June 2001, stated you would be exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code, and you would be treated as a public charity, rather than as a private foundation, during an advance ruling period.

Based on the information you submitted, you are classified as a public charity under the Code section listed in the heading of this letter. Since your exempt status was not under consideration, you continue to be classified as an organization exempt from Federal income tax under section 501(c)(3) of the Code.

Publication 557, Tax-Exempt Status for Your Organization, provides detailed information about your rights and responsibilities as an exempt organization. You may request a copy by calling the toll-free number for forms, (800) 829-3676. Information is also available on our Internet Web Site at [www.irs.gov](http://www.irs.gov).

If you have general questions about exempt organizations, please call our toll-free number shown in the heading.

Please keep this letter in your permanent records.

Sincerely yours,



Lois G. Lerner  
Director, Exempt Organizations  
Rulings and Agreements

## 2023 Warehouse Photos & Testimonials



### Partner Testimonial

*"Community Warehouse is a phenomenal resource for people in need and is the key for many families to make their apartments into furnished homes where they can thrive rather than struggle to pay for the basics. **There is no other program like Community Warehouse where those in need can get furniture – without it, many families would simply go without.**"*

- Tigard-Tualatin Resource Center

### Client Testimonial

*"This is Sarah. I just want to say thank you again! I am settling in. It's like this weird part of my life & self that was destroyed is feeling present again. It has been a while since having the combination of feeling safe in my home & actually having furniture that expresses me & feels sacred. Just thank you so much. It is challenging to articulate all that one loses in dysfunctional abusive situations & equally challenging to communicate the level of impact when those things lost are regained. It's strangely totally life changing - a game changer. There are not enough words, but these are the best I have to utilize in the English language. Thank you."*

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #116

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Wed, 08/09/2023 - 9:52am  
96.89.97.9

### Agency Contact Information

**Agency Name**

Domestic Violence Resource Center (DVRC)

**Address**

PO Box 494

**City**

Hillsboro

**State**

Oregon

**Zip Code**

97123

**Contact Name**

Megan Arbo

**Contact Telephone Number**

5036405352

**Contact Email Address**

meganb@dvrc-or.org

### Agency Request Information

**Describe your agency's mission**

The mission of the Domestic Violence Resource Center is to support and empower survivors and their children who are affected by domestic violence.

All of DVRC's programs are offered confidentially and free of charge.

**What is the request for?**

We are requesting \$5,000 in funds to support our organization wide client assistance program. DVRC offers support for all types of abuse, but we are specifically requesting funding to support survivors who have experienced financial abuse. According to the National Network to End Domestic Violence (NNEDV), financial abuse occurs in 99% of domestic violence cases and is one of the main reasons victims often feel trapped in abusive relationships. At DVRC, we are looking to mitigate this issue by providing survivors with financial support that could make the

difference between staying in or leaving an abusive relationship. In 2022, we were able to provide 248 survivors with financial assistance. This assistance included support with legal bills, rental assistance, bill assistance, and support for basic needs. Fulfilling this request would allow us to continue these efforts and expand support to more domestic violence survivors who are navigating the stresses of leaving a dangerous situation.

**How does your request align with the City Council's 2030 Vision?**

Our request aligns with the City Council's 2030 Vision in multiple ways. This request helps provide for an inclusive community, where all people feel welcome, cared for, and gives survivors of domestic violence the opportunity to create a meaningful quality of life. This request also helps support a thriving economy and helps put survivors on the path of obtaining financial stability. Lastly, this request helps support a safe community by giving survivors options out of abusive situations and gives them the freedom to work towards healthy relationships. Fulfilling this request will help move the Tualatin community towards a safe and positive community for all.

**How many Tualatin residents will be served?**

Due to the nature of our work, DVRC does not require those who use our services to disclose their home address or the city where they live, though some survivors do choose to disclose this information. In 2022, DVRC provided 240 crisis services to survivors of domestic violence who disclosed that they lived in Tualatin. With our main office being located in Beaverton it can be difficult for some clients to travel from the outer reaches of the county, so we work to break down the barriers that arise by offering our services in multiple locations. We continue to house a DVRC Advocate at the Tigard DHS office, make our resources available through the Tualatin Police Department, provide telehealth options for counseling services, and also table outreach events in the Tualatin area.

**Who is your target demographic in Tualatin?**

DVRC is the largest and most comprehensive domestic violence organization in Washington County, Oregon. We provide services to adults, teens, and children who are currently experiencing or have experienced domestic violence. To ensure that every survivor who needs the programs and resources we provide receives them, we offer all of our services free of charge. DVRC is also equipped to offer services in multiple languages to break down the barriers that often arise for survivors who are non-English speaking.

**Supporting Documentation****Submit your organizations budget information**

[23-24\\_dvrc\\_budget\\_summary.pdf](#) <sup>[2]</sup>

**Submit your board information**

[boardlistdvrc23.pdf](#) <sup>[3]</sup>

**Submit a copy of your 501(c)(3)**

[501c3\\_designation.pdf](#) <sup>[4]</sup>

**Other informational attachments**



Final Spending Questionnaire (must be complete if received funding in prior grant cycle)

**What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

We are grateful to have received funding last year. Grant funds allowed DVRC to provide 240 crisis services to survivors of domestic violence who disclosed they resided in Tualatin. These crisis services included safety planning, individual and group counseling, emergency financial assistance, information and referral resources, protective order advocacy, and court accompaniment advocacy.

**Please describe how previous grant funds were used.**

Grant funds were used for operating support for DVRC programs. These programs included Advocacy & Empowerment, Counseling Services, and Housing/Shelter Services. These funds helped us provide domestic violence crisis services to survivors in need.

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

These funds supported our mission of supporting and empowering survivors of domestic violence. Often times survivors who use our services are in need of wraparound support, so receiving funding to support our organization as a whole is imperative to fulfilling our mission.

**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84105>

**Links**

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]  
[https://www.tualatinoregon.gov/system/files/webform/23-24\\_dvrc\\_budget\\_summary.pdf](https://www.tualatinoregon.gov/system/files/webform/23-24_dvrc_budget_summary.pdf) [3]  
<https://www.tualatinoregon.gov/system/files/webform/boardlistdvrc23.pdf> [4]  
[https://www.tualatinoregon.gov/system/files/webform/501c3\\_designation.pdf](https://www.tualatinoregon.gov/system/files/webform/501c3_designation.pdf)



|   |  |  |  |   |                             |  |
|---|--|--|--|---|-----------------------------|--|
| Domestic Violence Resource Center                 |  |  |  |   |                             |  |
| <b>SUMMARY - Budget Fiscal Year Ending 6/2024</b> |  |  |  |   |                             |  |
|   |  |  |  |   |                             |  |
|   |  |  |  |   | <b>2023-2024<br/>budget</b> |  |
|   |  |  |  | Ordinary Income/Expense                 | <b>Total</b>                |  |
|   |  |  |  | 62230 · Insurance                       | 30,000                      |  |
|   |  |  |  | 62400 · Interest Expense                | -                           |  |
|   |  |  |  | 62130 · Legal & Accounting Fees         | -                           |  |
|   |  |  |  | 62270 · Licensure                       | 650                         |  |
|   |  |  |  | 62320 · Occupancy                       | 57,000                      |  |
|   |  |  |  | 62140 · Payroll Service                 | 7,750                       |  |
|   |  |  |  | 62200 · Postage & Delivery              | 1,250                       |  |
|   |  |  |  | 62300 · Printing & Promotional Material | 5,250                       |  |
|   |  |  |  | 62240 · Repair and Maint                | 31,000                      |  |
|   |  |  |  | 62290 · Small Equipment & Furniture     | -                           |  |
|   |  |  |  | 62150 · Supplies                        | 18,150                      |  |
|   |  |  |  | 62190 · Telecommunications              | 30,500                      |  |
|   |  |  |  | 62310 · Travel/Mileage                  | 9,116                       |  |
|   |  |  |  | 62210 · Utilities                       | 23,250                      |  |
|   |  |  |  | <b>Total Expense</b>                    | <b>2,537,453</b>            |  |
|   |  |  |  | <b>Net Ordinary Income/Loss</b>         | <b>(68,369)</b>             |  |
|   |  |  |  |   |                             |  |
|   |  |  |  |   |                             |  |
|   |  |  |  |   |                             |  |

**Internal Revenue Service**

**Department of the Treasury**

**P. O. Box 2508  
Cincinnati, OH 45201**

**Date:** December 27, 2001

Domestic Violence Resource Center, Inc  
P.O. Box 494  
Hillsboro, OR 97123-0494

**Person to Contact:**

Ms. Smith #31-07262  
Customer Service Representative

**Toll Free Telephone Number:**

8:00 a.m. to 9:30 p.m. EST  
877-829-5500

**Fax Number:**

513-263-3756

**Federal Identification Number:**

93-0665804

Dear Sir or Madam:

This is in response to the Amendment to your organization's Articles of Incorporation, filed with the state on March 01, 2001. We have updated our records to reflect the name change as indicated above.

Our records indicate that a determination letter issued in October 1977 granted your organization exemption from federal income tax under section 501(c)(3) of the Internal Revenue Code. That letter is still in effect.

Based on information subsequently submitted, we classified your organization as one that is not a private foundation within the meaning of section 509(a) of the Code because it is an organization described in sections 509(a)(1) and 170(b)(1)(A)(vi).

This classification was based on the assumption that your organization's operations would continue as stated in the application. If your organization's sources of support, or its character, method of operations, or purposes have changed, please let us know so we can consider the effect of the change on the exempt status and foundation status of your organization.

Your organization is required to file Form 990, Return of Organization Exempt from Income Tax, only if its gross receipts each year are normally more than \$25,000. If a return is required, it must be filed by the 15th day of the fifth month after the end of the organization's annual accounting period. The law imposes a penalty of \$20 a day, up to a maximum of \$10,000, when a return is filed late, unless there is reasonable cause for the delay.

All exempt organizations (unless specifically excluded) are liable for taxes under the Federal Insurance Contributions Act (social security taxes) on remuneration of \$100 or more paid to each employee during a calendar year. Your organization is not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Organizations that are not private foundations are not subject to the excise taxes under Chapter 42 of the Code. However, these organizations are not automatically exempt from other federal excise taxes.

Donors may deduct contributions to your organization as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to your organization or for its use are deductible for federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Domestic Violence Resource Center, Inc  
93-0665804

Your organization is not required to file federal income tax returns unless it is subject to the tax on unrelated business income under section 511 of the Code. If your organization is subject to this tax, it must file an income tax return on the Form 990-T, Exempt Organization Business Income Tax Return. In this letter, we are not determining whether any of your organization's present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

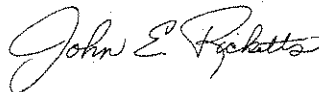
The law requires you to make your organization's annual return available for public inspection without charge for three years after the due date of the return. If your organization had a copy of its application for recognition of exemption on July 15, 1987, it is also required to make available for public inspection a copy of the exemption application, any supporting documents and the exemption letter to any individual who requests such documents in person or in writing. You can charge only a reasonable fee for reproduction and actual postage costs for the copied materials. The law does not require you to provide copies of public inspection documents that are widely available, such as by posting them on the Internet (World Wide Web). You may be liable for a penalty of \$20 a day for each day you do not make these documents available for public inspection (up to a maximum of \$10,000 in the case of an annual return).

Because this letter could help resolve any questions about your organization's exempt status and foundation status, you should keep it with the organization's permanent records.

If you have any questions, please call us at the telephone number shown in the heading of this letter.

This letter affirms your organization's exempt status.

Sincerely,

A handwritten signature in cursive script, reading "John E. Ricketts".

John E. Ricketts, Director, TE/GE  
Customer Account Services



# Domestic Violence Resource Center Board of Directors, 2023

Updated 08/01/2023

| <b>Last Name<br/>Term Expires</b> | <b>First<br/>Name &amp;<br/>Middle<br/>Initial</b> | <b>Address</b>                                      | <b>Job Title, Employer Name &amp;<br/>Address</b>  | <b>Phone 1</b>   | <b>Phone 2</b>   | <b>Fax/E-mail</b>   | <b>Position on<br/>Board<br/><br/>Length of<br/>time on<br/>Board</b> |
|-----------------------------------|--|---|--|------------------|------------------|---|---|
| Gupte<br>2024                     | Manjusha   | 12673 NW Forest Spring<br>Ln<br>Portland, OR 97229  | Professor, Portland State<br>University<br>PO Box 751<br>Portland, OR 97207  | 503-528-<br>6578 |                  | <a href="mailto:magupte@gmail.com">magupte@gmail.com</a>  | <b>Chair</b><br>Finance<br>Comm.<br>4 years                           |
| Rinell<br>2024                    | Kristan  | 6865 SW 168 <sup>th</sup> Pl<br>Beaverton, OR 97007 | Detective, City of Tigard<br>13125 SW Hall Blvd<br>Tigard, OR 97223  | 503-718-<br>2806 | 503-519-<br>9190 | <a href="mailto:kristan.rinell@tigard-or.gov">kristan.rinell@tigard-or.gov</a>  | <b>Vice Chair</b><br>2 years  |
| Musial<br>2025                    | Melanie  | 2315 SE Risley Ave<br>Milwaukie, OR 97267           | Administrative Hearings Director,<br>Oregon Liquor and Cannabis<br>Commission  | 414-628-<br>3379 |                  | <a href="mailto:melaniemusial@gmail.com">melaniemusial@gmail.com</a>  | <b>Secretary</b><br>6 years   |
| Hough<br>2025                     | Nikki  | 17641 SW 80 <sup>th</sup> Pl<br>Portland, OR 97224  | Lawyer, Hough Law<br>PO Box 2014<br>Beaverton, OR 97075  | 503-334-<br>7016 | 503-208-<br>6610 | <a href="mailto:nicole@houghlawfirm.com">nicole@houghlawfirm.com</a>  | <b>Treasurer</b><br>Finance<br>Comm., Chair<br>6 years                |
| Crabtree<br>2024                  | Tobi   | 436 Fluttermill Loop<br>Liberty Hill, TX 78642      | Head of People & Culture, Groq,<br>Inc.  | 310-989-<br>8267 |                  | <a href="mailto:t.crab08@gmail.com">t.crab08@gmail.com</a>  | Member<br>4 years   |
| Habib<br>2025                     | Rita   | 8560 SW Cecilia Terrace<br>Portland, OR 97223       | Sanofi Pharmaceuticals, Sales  | 503-871-<br>9735 |                  | <a href="mailto:habibrita@hotmail.com">habibrita@hotmail.com</a>  | Member<br>1 year  |
| Ugarte<br>2024                    | Juan   | 3560 E. Main St.<br>Hillsboro, OR 97123             | Virginia Garcia Memorial Health<br>Center<br>PO Box 6149<br>Aloha, OR 97007  | 503-956-<br>7579 |                  | <a href="mailto:Juanj.ugarte@yahoo.com">Juanj.ugarte@yahoo.com</a><br>(primary)<br><a href="mailto:jugarte@vgmhc.org">jugarte@vgmhc.org</a> | Member<br>4 years   |
| Howell<br>2024                    | Amberlynn<br>(Ambi)                                | 166 NE 78 <sup>th</sup> Ave<br>Beaverton, OR 97006  | Deputy District Attorney,<br>Washington County DA's Office<br>150 N. 1 <sup>st</sup> Ave #300<br>Hillsboro, OR 97124 | 360-280-<br>6525 |                  | <a href="mailto:Ambihowell9@gmail.com">Ambihowell9@gmail.com</a>  | Member<br>1 year  |
| Choudhary<br>2025                 | Jyoti  | 2305 NW Crestview Way<br>Portland, OR 97229         | Retired  | 503-708-<br>0643 |                  | <a href="mailto:pdxjyoti@gmail.com">pdxjyoti@gmail.com</a>  | Member<br>5 years   |

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #135

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Fri, 09/01/2023 - 4:40pm  
24.20.45.224

### Agency Contact Information

**Agency Name**

FAMILY JUSTICE CENTER OF WASH COUNTY

**Address**

735 SW 158TH AVENUE, STE 100

**City**

BEAVERTON

**State**

OR

**Zip Code**

97006

**Contact Name**

JUDY WILLEY

**Contact Telephone Number**

5034758435

**Contact Email Address**

willeyjl68@gmail.com

### Agency Request Information

**Describe your agency's mission**

Working in collaboration with our community, The Family Justice Center provides a single location for prevention, intervention, healing and hope for survivors of domestic violence, elder abuse, sexual assault, and child abuse in all of Washington County.

**What is the request for?**

Funding request is for \$5,000

Immediate needs are centered around providing necessary assistance for families who are impacted by family violence. We offer child care services, intake services, and major assistance to survivors who come to the Center needing basics such as food, clothing, temporary housing, and a restraining order as quickly as possible. With more abuse cases each year, the cost of funding these basic needs has increased and intervention is more important than ever before.

The Family Justice Center strongly believes that Trauma Informed, Equitable, Accessible services will make every community thrive. Our priorities and vision is centered around equity, diversity and access to a quality of life for everyone. Safe and accessible gathering places build trust and help make a thriving community. Overall we believe by joining together, we will end family trauma in our community.

### **How many Tualatin residents will be served?**

EVERY resident in Tualatin who needs the many types of services provided by The Family Justice Center is welcomed and served. We are a SAFE place where victims of family violence will find everything they need to become a survivor. Our staff and partners are trained & equipped & ready to walk through the entire process with a client because we know many times when a victim enters FJC - they do not know for sure what they need.

### **Who is your target demographic in Tualatin?**

Our target audience is men and women who have experienced family violence. Our goal is to ensure citizens in Tualatin know about the Family Justice Center and know about our services. Unfortunately, our target demographic changes often because family violence has a wide demographic range. Anyone who needs our services will receive our services.

## **Supporting Documentation**

### **Submit your organizations budget information**

[budgetactual\\_july\\_2023.xlsx](#) <sup>[2]</sup>

### **Submit your board information**

[board\\_roster\\_6.2023.doc](#) <sup>[3]</sup>

### **Submit a copy of your 501(c)(3)**

[501c3\\_fjc\\_doc.pdf](#) <sup>[4]</sup>

### **Other informational attachments**

## **Final Spending Questionnaire (must be complete if received funding in prior grant cycle)**

### **What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

We received \$4,500 from the City of Tualatin in 2022-23. Many of your dollars were used to private basic free services to survivors who came to the Center from Tualatin. Services included meals & child care during their counseling sessions; necessary personal items & clothing for their family; gas cards and gift cards for food and hotel stays while they waited for a restraining order so they could return home. We also provided boxes of food for family affected by domestic violence during the holidays. It is important to note ALL of our services provided at FJC are free to survivors. Services delivered in 2022 increased dramatically over 2021 by 321%. Increases in survivors served in 2022 was 239%. Very big numbers

### **Please describe how previous grant funds were used.**

Please see above. Every year we have received a grant from City of Tualatin - the funds were used for direct services for survivors. Our largest demographics are Hispanic or Latino and white or caucasian. Our targeted outreach to populations disproportionately impacted, the FJC increased survivors of color served by 81%. Some of our services provided in 2022 were

Restraining Orders, Counseling, Education, Childcare, Legal services, Family Home visiting and Family Law paperwork.

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

Your funds actually made it possible to provide many boxes of food during Thanksgiving and Christmas holidays for survivor families. Funds received allows us to raise awareness, elevate our Voices Survivor committee and show support by working with our local SHOP WITH A COP program. Several of these activities were new/and or increased in 2022 because of the great support we receive from Washington County cities. Thank you!

**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84331>

**Links**

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]

[https://www.tualatinoregon.gov/system/files/webform/budgetactual\\_july\\_2023.xlsx](https://www.tualatinoregon.gov/system/files/webform/budgetactual_july_2023.xlsx) [3]

[https://www.tualatinoregon.gov/system/files/webform/board\\_roster\\_6.2023.doc](https://www.tualatinoregon.gov/system/files/webform/board_roster_6.2023.doc) [4]

[https://www.tualatinoregon.gov/system/files/webform/501c3\\_fjc\\_doc.pdf](https://www.tualatinoregon.gov/system/files/webform/501c3_fjc_doc.pdf)

## Hillsboro Rotary Club, Inc. Budget vs. Actuals

|   | Jul 2023           |                    |                   |                | Progress Toward Total FY 2023-2024 |              |                     |                |
|---|--------------------|--------------------|-------------------|----------------|------------------------------------|--------------|---------------------|----------------|
|   | Actual             | Budget             | over<br>Budget    | % of<br>Budget | Actual                             | Budget       | over<br>Budget      | % of<br>Budget |
| <b>Income</b>                                 |                    |                    |                   |                |                                    |              |                     |                |
| 4200 Club Income                              |                    |                    | 0.00              |                | 0.00                               | 0.00         | 0.00                |                |
| 4205 Admission Fees                           |                    | 62.50              | -62.50            | 0.00%          | 0.00                               | 750.00       | -750.00             | 0.00%          |
| 4215 Fines                                    | 69.00              | 125.00             | -56.00            | 55.20%         | 69.00                              | 1,500.00     | -1,431.00           | 4.60%          |
| 4220 Membership Dues                          |                    | 0.00               | 0.00              |                | 0.00                               | #####        | -20,400.00          | 0.00%          |
| 4225 Brags                                    | 113.00             | 58.33              | 54.67             | 193.73%        | 113.00                             | 700.00       | -587.00             | 16.14%         |
| <b>Total 4200 Club Income</b>                 | <b>\$ 182.00</b>   | <b>\$ 245.83</b>   | <b>-\$ 63.83</b>  | <b>74.03%</b>  | <b>#####</b>                       | <b>#####</b> | <b>#####</b>        | <b>0.78%</b>   |
| 4300 Food Income                              |                    |                    | 0.00              |                | 0.00                               | 0.00         | 0.00                |                |
| 4301 Student of the Month<br>Lunch Receipts   |                    | 75.00              | -75.00            | 0.00%          | 0.00                               | 900.00       | -900.00             | 0.00%          |
| 4302 Non-Lunch Attendee<br>Fee                | 105.00             | 100.00             | 5.00              | 105.00%        | 105.00                             | 1,200.00     | -1,095.00           | 8.75%          |
| 4315 Member Lunch<br>Receipts                 | 797.00             | 1,516.67           | -719.67           | 52.55%         | 797.00                             | #####        | -17,403.00          | 4.38%          |
| <b>Total 4300 Food Income</b>                 | <b>\$ 902.00</b>   | <b>\$ 1,691.67</b> | <b>-\$ 789.67</b> | <b>53.32%</b>  | <b>#####</b>                       | <b>#####</b> | <b>#####</b>        | <b>4.44%</b>   |
| 4400 Fellowship Event Income                  |                    |                    | 0.00              |                | 0.00                               | 0.00         | 0.00                |                |
| 4415 Halloween Event                          |                    | 0.00               | 0.00              |                | 0.00                               | 100.00       | -100.00             | 0.00%          |
| 4420 Fellowship Event                         |                    | 0.00               | 0.00              |                | 0.00                               | 300.00       | -300.00             | 0.00%          |
| 4440 Oregon International<br>Airshow          |                    | 0.00               | 0.00              |                | 0.00                               | 1,800.00     | -1,800.00           | 0.00%          |
| <b>Total 4400 Fellowship Event<br/>Income</b> | <b>\$ 0.00</b>     | <b>\$ 0.00</b>     | <b>\$ 0.00</b>    |                | <b>\$ 0.00</b>                     | <b>#####</b> | <b>-\$ 2,200.00</b> | <b>0.00%</b>   |
| <b>Total Income</b>                           | <b>\$ 1,084.00</b> | <b>\$ 1,937.50</b> | <b>-\$ 853.50</b> | <b>55.95%</b>  | <b>#####</b>                       | <b>#####</b> | <b>#####</b>        | <b>2.36%</b>   |
| <b>Gross Profit</b>                           | <b>\$ 1,084.00</b> | <b>\$ 1,937.50</b> | <b>-\$ 853.50</b> | <b>55.95%</b>  | <b>#####</b>                       | <b>#####</b> | <b>#####</b>        | <b>2.36%</b>   |
| <b>Expenses</b>                               |                    |                    |                   |                |                                    |              |                     |                |
| 8100 Rotary Dues &<br>Conferences             |                    |                    | 0.00              |                | 0.00                               | 0.00         | 0.00                |                |
| 8105 District Conference &<br>Training        |                    | 0.00               | 0.00              |                | 0.00                               | 400.00       | -400.00             | 0.00%          |
| 8110 Dues - District 5100                     | 2,700.00           | 1,600.00           | 1,100.00          | 168.75%        | #####                              | 3,200.00     | -500.00             | 84.38%         |
| 8115 Dues - Rotary<br>International           | 3,135.68           | 3,502.00           | -366.32           | 89.54%         | #####                              | 7,004.00     | -3,868.32           | 44.77%         |



|  |             |             |            |         |         |           |              |         |
|--|-------------|-------------|------------|---------|---------|-----------|--------------|---------|
| 8120 PETS & Pre-PETS Conferences       | 0.00        | 0.00        |            |         | 0.00    | 950.00    | -950.00      | 0.00%   |
| 8125 RI Convention                     | 0.00        | 0.00        |            |         | 0.00    | 3,500.00  | -3,500.00    | 0.00%   |
| 8130 Youth Protection Program          | 0.00        | 0.00        |            |         | 0.00    | 15.00     | -15.00       | 0.00%   |
| Total 8100 Rotary Dues & Conferences   | \$ 5,835.68 | \$ 5,102.00 | \$ 733.68  | 114.38% | #####   | #####     | -\$ 9,233.32 | 38.73%  |
| 8200 Club Operations Expense           |             |             | 0.00       |         | 0.00    | 0.00      | 0.00         |         |
| 8205 Dues and Subscriptions - Software | 915.00      | 900.00      | 15.00      | 101.67% | 915.00  | 900.00    | 15.00        | 101.67% |
| 8210 Postage & Box Rent                |             | 0.00        | 0.00       |         | 0.00    | 200.00    | -200.00      | 0.00%   |
| 8220 Professional Fees - Accounting    | 78.75       | 91.67       | -12.92     | 85.91%  | 78.75   | 1,100.00  | -1,021.25    | 7.16%   |
| 8225 Program & Speaker Expense         |             | 93.75       | -93.75     | 0.00%   | 0.00    | 1,125.00  | -1,125.00    | 0.00%   |
| 8235 Supplies                          |             | 14.58       | -14.58     | 0.00%   | 0.00    | 175.00    | -175.00      | 0.00%   |
| 8245 Website Fees                      | 59.00       | 29.17       | 29.83      | 202.26% | 89.00   | 350.00    | -261.00      | 25.43%  |
| Total 8200 Club Operations Expense     | \$ 1,052.75 | \$ 1,129.17 | -\$ 76.42  | 93.23%  | #####   | #####     | -\$ 2,767.25 | 28.12%  |
| 8300 Food Expense                      |             |             | 0.00       |         | 0.00    | 0.00      | 0.00         |         |
| 8301 Weekly Member Lunch Expense       | 968.00      | 1,575.00    | -607.00    | 61.46%  | 968.00  | #####     | -17,932.00   | 5.12%   |
| 8302 Prospective Member Lunch Expense  |             | 37.50       | -37.50     | 0.00%   | 0.00    | 450.00    | -450.00      | 0.00%   |
| 8303 Speaker Lunch Expense             | 40.00       | 62.50       | -22.50     | 64.00%  | 40.00   | 750.00    | -710.00      | 5.33%   |
| 8304 Guest Lunch Expense               |             | 25.00       | -25.00     | 0.00%   | 0.00    | 300.00    | -300.00      | 0.00%   |
| 8306 Student Lunch Expense             |             | 75.00       | -75.00     | 0.00%   | 0.00    | 900.00    | -900.00      | 0.00%   |
| Total 8300 Food Expense                | \$ 1,008.00 | \$ 1,775.00 | -\$ 767.00 | 56.79%  | #####   | #####     | #####        | 4.73%   |
| 8400 Fellowship Event Expense          |             |             | 0.00       |         | 0.00    | 0.00      | 0.00         |         |
| 8425 Club Social Events                |             | 0.00        | 0.00       |         | 0.00    | 250.00    | -250.00      | 0.00%   |
| Total 8400 Fellowship Event Expense    | \$ 0.00     | \$ 0.00     | \$ 0.00    |         | \$ 0.00 | \$ 250.00 | -\$ 250.00   | 0.00%   |
| 8600 Member Services Expense           |             |             | 0.00       |         | 0.00    | 0.00      | 0.00         |         |
| 8605 Attendance Tracking               |             | 0.00        | 0.00       |         | 0.00    | 175.00    | -175.00      | 0.00%   |
| 8610 Awards, Plaques, and Trophies     | 240.98      | 0.00        | 240.98     |         | 240.98  | 250.00    | -9.02        | 96.39%  |

|  |             |             |            |          |         |           |              |          |
|--|-------------|-------------|------------|----------|---------|-----------|--------------|----------|
| 8615 Badges, Banners & Pins                |             | 0.00        | 0.00       |          | 0.00    | 300.00    | -300.00      | 0.00%    |
| 8620 Fireside Chat for Membership Training |             | 0.00        | 0.00       |          | 0.00    | 300.00    | -300.00      | 0.00%    |
| 8625 Members Flowers/Gifts                 |             | 0.00        | 0.00       |          | 0.00    | 200.00    | -200.00      | 0.00%    |
| 8630 Public Relations                      |             | 16.67       | -16.67     | 0.00%    | 0.00    | 200.00    | -200.00      | 0.00%    |
| Total 8600 Member Services Expense         | \$ 240.98   | \$ 16.67    | \$ 224.31  | 1445.59% | #####   | #####     | -\$ 1,184.02 | 16.91%   |
| 8900 Bank Charges                          |             |             | 0.00       |          | 0.00    | 0.00      | 0.00         |          |
| 8915 QBO Processing Fees                   | 9.78        | 58.33       | -48.55     | 16.77%   | 9.78    | 700.00    | -690.22      | 1.40%    |
| Total 8900 Bank Charges                    | \$ 9.78     | \$ 58.33    | -\$ 48.55  | 16.77%   | \$ 9.78 | \$ 700.00 | -\$ 690.22   | 1.40%    |
| Total Expenses                             | \$ 8,147.19 | \$ 8,081.17 | \$ 66.02   | 100.82%  | #####   | #####     | #####        | 19.20%   |
| Net Operating Income                       | -\$7,063.19 | -\$6,143.67 | -\$ 919.52 | 114.97%  | #####   | #####     | #####        | -217.85% |
| Other Income                               |             |             |            |          |         |           |              |          |
| 9500 Investments                           |             | 0.00        | 0.00       |          | 0.00    | 600.00    | -600.00      | 0.00%    |
| 9510 Interest                              | 0.16        |             | 0.16       |          | 0.16    | 0.00      | 0.16         |          |
| Total 9500 Investments                     | \$ 0.16     | \$ 0.00     | \$ 0.16    |          | \$ 0.16 | \$ 600.00 | -\$ 599.84   | 0.03%    |
| Total Other Income                         | \$ 0.16     | \$ 0.00     | \$ 0.16    |          | \$ 0.16 | \$ 600.00 | -\$ 599.84   | 0.03%    |
| Net Other Income                           | \$ 0.16     | \$ 0.00     | \$ 0.16    |          | \$ 0.16 | \$ 600.00 | -\$ 599.84   | 0.03%    |
| Net Income                                 | -\$7,063.03 | -\$6,143.67 | -\$ 919.36 | 114.96%  | #####   | #####     | #####        | -183.95% |

Monday, Aug 07, 2023 04:27:01 PM GMT-7 - Accrual Basis



## Board of Directors

June 2023

Judy Willey, President  
Oregon Air Show, President/Retired  
3416 NE Dunbar Ct. Hillsboro, OR 97124  
503-475-8435; [willeyjl68@gmail.com](mailto:willeyjl68@gmail.com)

VACANT  
Vice President

Mary Gruss, Treasurer  
Wash County CFO/Retired  
14246 SW 133<sup>rd</sup> Ave, Tigard, OR 97224  
503-351-1486; [Marygruss@outlook.com](mailto:Marygruss@outlook.com)

Rebecca Guptill, Secretary  
Wash County Circuit Court Judge  
150 N First Ave, Hillsboro, OR 97124  
503-507-4307  
[rebecca.d.guptill@Ojd.state.or.us](mailto:rebecca.d.guptill@Ojd.state.or.us)

Kevin Barton  
Washington Co. District Attorney  
150 N First, Ste 300 Hillsboro 97124  
503-846-8671  
[Kevin\\_Barton@washingtoncountyor.gov](mailto:Kevin_Barton@washingtoncountyor.gov)

John Bennett  
Washington County Sheriff's Office  
Wash Co Domestic Violence Resource  
215 SW Adams Ave, Hillsboro, OR 97124  
503-793-0716  
[John\\_Bennett@washingtoncountyor.gov](mailto:John_Bennett@washingtoncountyor.gov)

Dr. Sylvana Bennett  
Physician  
17552 SW Keystone Ct.  
Beaverton, OR 97007; 503-539-9769  
[sebennett98@gmail.com](mailto:sebennett98@gmail.com)

Erin Calvert  
County Administrator  
Washington County Administrative Office  
155 N. First Ave. Hillsboro, OR 97124  
503-332-9135  
[Erin\\_calvert@washingtoncountyor.gov](mailto:Erin_calvert@washingtoncountyor.gov)

Campbell Clarey  
Assistant Development Coordinator

Tandem Property Management  
1200 SW 66<sup>th</sup> Ave. Ste. 300  
Portland, OR 97225; 971-230-8466  
[Campbell.clarey@gmail.com](mailto:Campbell.clarey@gmail.com)

Danielle Fage  
31806 NW Belgium Court  
North Plains, OR; 510-579-4304  
[Danielle.fage@gmail.com](mailto:Danielle.fage@gmail.com)

Leocadia Montero Hainley  
Psychotherapist & ESPERE Consultant  
P.O. Box 512; Sherwood, OR 97140  
503-537-8562; [leocadiaz@gmail.com](mailto:leocadiaz@gmail.com)

VACANT  
Faith Based Representative

Tristan Irvin  
Community Representative  
7998 SW Bond St; Tigard, OR 97224  
541-915-5266; [Tristan.irwin78@gmail.com](mailto:Tristan.irwin78@gmail.com)

JoAnn Lumaco  
Community Representative  
2878 NE Jackson School Rd.  
Hillsboro, OR 97124  
503-720-4127; [jlumaco@comcast.net](mailto:jlumaco@comcast.net)

Carolyn Ortman  
Kaiser Permanente Regional Manager  
5890 NW Landing Drive, Portland OR 97229  
503-341-9553; [Carolyn.ortman@yahoo.com](mailto:Carolyn.ortman@yahoo.com)

Senator Janeen Sollman  
Oregon State Legislature  
306 NE 64<sup>th</sup> Ct, Hillsboro, OR 97124  
503-986-1430 work  
[sen.janeensollman@oregonlegislature.gov](mailto:sen.janeensollman@oregonlegislature.gov)

Rachel Schutz, FJC Staff  
Family Justice Center Executive Director  
735 NW 158<sup>th</sup> Ave, Ste 100  
Beaverton, OR 97006; 503-430-8300  
[rachel@fjwc.org](mailto:rachel@fjwc.org)

INTERNAL REVENUE SERVICE  
P. O. BOX 2508  
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: JAN 14 2016

FAMILY JUSTICE CENTER OF WASHINGTON  
COUNTY  
250 SE 10TH AVE  
HILLSBORO, OR 97123-4238

Employer Identification Number:  
47-4687471  
DLN:  
17053294340045  
Contact Person: ANGELA M BENDER ID# 31162  
Contact Telephone Number:  
(877) 829-5500  
Accounting Period Ending:  
June 30  
Public Charity Status:  
170(b)(1)(A)(vi)  
Form 990/990-EZ/990-N Required:  
Yes  
Effective Date of Exemption:  
August 20, 2015  
Contribution Deductibility:  
Yes  
Addendum Applies:  
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to [www.irs.gov/charities](http://www.irs.gov/charities). Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

FAMILY JUSTICE CENTER OF WASHINGTON

Sincerely,



Jeffrey I. Cooper  
Director, Exempt Organizations

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #130

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Fri, 09/01/2023 - 10:21am  
50.38.60.164

### Agency Contact Information

**Agency Name**

Family Promise of Tualatin Valley

**Address**

11460 SW Pacific Hwy

**City**

Tigard

**State**

Oregon

**Zip Code**

97223

**Contact Name**

Elise Schaff Laubach

**Contact Telephone Number**

971-279-9569

**Contact Email Address**

[elise@familypromiseoftv.org](mailto:elise@familypromiseoftv.org)

### Agency Request Information

**Describe your agency's mission**

Our mission is to equip vulnerable families and individuals to end the cycle of homelessness through a community based response.

Family Promise of Tualatin Valley was formed as a grassroots effort in October, 2016 and opened its doors to serving families experiencing homelessness in March, 2019. We accomplish this by providing emergency shelter and wraparound services that include extensive case management, family mentoring, and life skills training such as budgeting. We receive referrals from our support networks in Washington County. We currently provide 40 rooms in our shelter program. In 2022 we had a 78% success rate transitioning households into permanent housing.

FPTV offers a continuum of care for people who are experiencing housing insecurity. While shelter is our biggest program, we also offer housing loss prevention, shelter diversion,



stabilization and graduate services. We direct clients to the program that provides the longest lasting impact and minimizes trauma.

### **What is the request for?**

Family Promise of Tualatin Valley (FPTV) is seeking \$7,5000 for operations. These costs include salaries not covered by grant funding, support for our households leaving shelter, such as apartment application fees and move-in costs, and rental assistance which keeps families stably housed. Other needs may include operations costs for our office, everyday supplies needed to maintain our program such as office supplies, printing, insurance, maintenance, and purchase of training material. (See attached Budget for details).

### **How does your request align with the City Council's 2030 Vision?**

This request aligns with the City Council's 2030 vision for an inclusive community with a meaningful quality of life and a thriving economy. Meeting basic needs such as housing allows families to focus on thriving in other areas. Our eviction and housing loss prevention program helps create long term financial stability.

### **How many Tualatin residents will be served?**

The Family Promise program is a highly hands-on and supportive program. Since the purchase of our new shelter building, our capacity is 40 rooms of shelter with an average of 36 individuals at any given time, an additional 6 households at a time receiving prevention support and 50 graduate households. By the end of 2023, FPTV will be expanding our shelter capacity with the end goal of providing 70 rooms of shelter. We estimate providing shelter, case management and rehousing services to 25 Tualatin households by the end of 2024. We will also provide prevention and diversion services to approximately 40 Tualatin households and hundreds of resource referrals.

### **Who is your target demographic in Tualatin?**

Our target is households experiencing housing insecurity or homelessness. We focus mainly on families with children, but also support a limited number of adult only households, with an emphasis on those who are medically fragile.

## **Supporting Documentation**

### **Submit your organizations budget information**

[interim\\_budget\\_2023.pdf](#) [2]

### **Submit your board information**

[fptv\\_board\\_members\\_2023\\_-\\_sheet1.pdf](#) [3]

### **Submit a copy of your 501(c)(3)**

[fptv\\_501c3\\_determination\\_letter.pdf](#) [4]

### **Other informational attachments**

## **Final Spending Questionnaire (must be complete if received funding in prior grant cycle)**

### **What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

90% of the families we have served year-to-date are from the Tigard-Tualatin school district and roughly half of those households are from Tualatin. In 2022, we provided direct service in total to

862 individuals with case management support, 28,369 bed nights of shelter and over 73,000 meals. We estimate providing resource referrals to an additional 300 individuals in Tualatin and housing stabilizations services to another 100 individuals.

**Please describe how previous grant funds were used.**

Grant funds were used to fill gaps in funding. This allows us to continue to be true to our core value of meeting each household where they are and creating custom support. This helps families to stabilize, even if their needs are different from the more general resources available.

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

We currently have grants that cover some of our basic shelter needs, however there are many other costs and barriers to entering housing. The goal of FPTV has always been to see the individual needs of our guests and be adaptive to meet them. We believe that each person is the expert in their own lives. We never want anyone to miss out on an opportunity for housing stability because we didn't listen, or we operated a cookie cutter program. This funding will allow us to fill those critical gaps and create stability for each household.

There are so many components that go into getting and keeping housing, such as move-in costs, utility start-up costs, daycare enrollment fees and property debt, to name a few. Funding that allows us to creatively and collaboratively problem solve with our clients produces the highest and longest lasting outcomes. Most of the expenses listed above are not funded any other way.

An example of this is ongoing support for our graduate families. Long term stability is not always a straight line of progress and our goal is to break the cycle of homelessness for good. Families can return to us when they encounter difficulties. One of our graduate families, "Mike" and his daughter had been housed and "Mike" was employed. When his vehicle broke down, he reached out to us. Without reliable transportation to get to work, "Mike" would have lost hard won ground. FPTV was able to pay \$600 to fix his vehicle and support the housing stability of that family. FPTV strongly believes that no one should be prevented from entering housing due to barriers that we can help them overcome. We recently had a family in our shelter who was qualified for a housing voucher. The mom "Stella" had secured an apartment and was waiting for the voucher to come through so that she and her kids could move in. Due to systemic delays, they were not going to get the voucher by their stated move-in date. This meant not only a delay, but now the rate on the unit was going to go up, ABOVE the amount of the voucher. This family would have to reapply for another voucher, go to the back of the line and wait, possibly months, or pay the difference, which they could not afford. This would have meant more time in shelter and certainly been very discouraging to the family. FPTV decided to use some of our unrestricted funds to pay the difference in the rent until a new voucher could be obtained. "Stella" and her kids" were able to move out of shelter and into their new apartment!

This kind of support goes to the heart of our program and the way we want to serve our guests. We have expanded to shelter more folks in the past year, but are still committed to our values of how we serve each person.

**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84319>

**Links**

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2] [https://www.tualatinoregon.gov/system/files/webform/interim\\_budget\\_2023.pdf](https://www.tualatinoregon.gov/system/files/webform/interim_budget_2023.pdf) [3] [https://www.tualatinoregon.gov/system/files/webform/fptv\\_board\\_members\\_2023\\_-\\_sheet1.pdf](https://www.tualatinoregon.gov/system/files/webform/fptv_board_members_2023_-_sheet1.pdf) [4] [https://www.tualatinoregon.gov/system/files/webform/fptv\\_501c3\\_determination\\_letter.pdf](https://www.tualatinoregon.gov/system/files/webform/fptv_501c3_determination_letter.pdf)

# Family Promise of Tualatin Valley

## Statement of Activity

### Interim Budget 2023

|  | <u>Total</u>                  |
|--|-------------------------------|
| <b>Revenue</b>                                 |                               |
| 4010 Contributions                             |                               |
| 4011 Individuals                               | 76,000.00                     |
| 4012 Congregations                             | 26,000.00                     |
| 4013 Foundations                               | 91,000.00                     |
| 4014 Corporations                              | 40,000.00                     |
| 4015 Government/Civic                          | 1,800,000.00                  |
| 4015.1 Indirect Cost Allocation                | 57,000.00                     |
| Total 4010 Contributions                       | <u>\$ 2,090,000.00</u>        |
| Total 4030 Fundraising Event- Revenue          | <u>\$ 51,258.24</u>           |
| Total 4050 Contributed Goods or Services       | <u>\$ 345,355.00</u>          |
| 4060 Interest & Dividends                      | 328.37                        |
| <b>Total Revenue</b>                           | <u><b>\$ 2,486,941.61</b></u> |
| <b>Expenditures</b>                            |                               |
| 5010 Direct Family Assistance                  |                               |
| 5011 Transportation- DFA                       | 4,000.00                      |
| 5012 Motel Rent                                | 700,000.00                    |
| 5013 Pantry                                    | 220,000.00                    |
| 5014 Diversion                                 | 1,000.00                      |
| 5015 Rent and Utility Assistance               | 190,000.00                    |
| 5016 Apartment Application Fees                | 3,000.00                      |
| 5017 Security Deposits and other Move-In Costs | 76,000.00                     |
| 5018 Client Documents                          | 1,000.00                      |
| 5019 Other DFA                                 | 55,000.00                     |
| Total 5010 Direct Family Assistance            | <u>\$ 1,250,000.00</u>        |
| 5020 Salary and Related Employment C           |                               |
| 5021 Gross Wages                               | 560,000.00                    |
| 5022 Payroll Tax- Employer Paid                | 50,000.00                     |
| 5023 Employee Insurance                        | 19,000.00                     |
| 5024 Hiring Costs                              | 2,000.00                      |
| 5025 Workers Comp Insurance                    | 3,000.00                      |
| 5026 Vacation Expense                          | 4,000.00                      |
| Total 5020 Salary and Related Employment C     | <u>\$ 638,000.00</u>          |
| 5030 Facility Costs                            |                               |
| 5031 Rent                                      | 45,000.00                     |
| 5032 Repairs & Maintenance- Facility           | 3,000.00                      |
| 5033 Utilities                                 | 10,000.00                     |
| 5034 Shelter Outfittings                       | 1,000.00                      |
| Total 5030 Facility Costs                      | <u>\$ 59,000.00</u>           |
| 5040 Transportation Costs                      |                               |
| 5043 Insurance- Auto                           | 2,000.00                      |

|   |           |                     |
|---|-----------|---------------------|
| <b>Total 5040 Transportation Costs</b>          | <b>\$</b> | <b>2,000.00</b>     |
| <b>5050 Travel &amp; Meeting</b>                |           |                     |
| 5051 Conferences & Training                     |           | 1,500.00            |
| 5052 Employee Mileage Reimb                     |           | 5,500.00            |
| 5053 Meals                                      |           | 4,500.00            |
| 5054 Gifts                                      |           | 3,000.00            |
| <b>Total 5050 Travel &amp; Meeting</b>          | <b>\$</b> | <b>14,500.00</b>    |
| <b>6010 Event -Expenses</b>                     |           | 16,000.00           |
| <b>6014 Direct Benefits to Donors</b>           |           | 3,000.00            |
| <b>6020 Marketing Costs</b>                     |           |                     |
| 6022 Website                                    |           | 200.00              |
| 6023 Postage                                    |           | 700.00              |
| 6024 Marketing materials                        |           | 1,200.00            |
| <b>Total 6020 Marketing Costs</b>               | <b>\$</b> | <b>2,100.00</b>     |
| <b>Total 7010 Insurance</b>                     | <b>\$</b> | <b>4,600.00</b>     |
| <b>7020 Professional Fees</b>                   |           |                     |
| 7021 Legal Expense                              |           | 9,000.00            |
| 7022 Accounting/Payroll Processing              |           | 2,000.00            |
| 7023 IT Services                                |           | 9,000.00            |
| 7024 National FP Association Fee                |           | 4,500.00            |
| 7025 Background Checks& Drug Test               |           | 2,000.00            |
| 7026 Professional Services - Other              |           | 46,000.00           |
| 7027 Human Resources                            |           | 9,000.00            |
| <b>Total 7020 Professional Fees</b>             | <b>\$</b> | <b>81,500.00</b>    |
| <b>7030 Office Costs</b>                        |           |                     |
| 7031 Office Supplies                            |           | 4,000.00            |
| 7033 Outside Copying & Printing                 |           | 1,000.00            |
| 7034 Software and Technology                    |           | 9,000.00            |
| <b>Total 7030 Office Costs</b>                  | <b>\$</b> | <b>14,000.00</b>    |
| <b>7040 License &amp; Registrations</b>         |           | 1,300.00            |
| <b>7050 Bank &amp; Investment Fees</b>          |           | 200.00              |
| <b>7060 Online Giving Fees</b>                  |           | 1,000.00            |
| <b>8000 Grant Pass Through to Sub-Recipient</b> |           | 0.00                |
| <b>8010 Depreciation</b>                        |           | 17,000.00           |
| <b>9000 Ask My CPA</b>                          |           | 0.00                |
| <b>Total Expenditures</b>                       | <b>\$</b> | <b>2,104,200.00</b> |
| <b>Net Operating Revenue</b>                    | <b>\$</b> | <b>382,741.61</b>   |
| <b>Net Revenue</b>                              | <b>\$</b> | <b>382,741.61</b>   |

| FAMILY PROMISE OF TUALATIN VALLEY                     |            |            |   |                            |             |                 |              |  |  |
|---|------------|------------|---|----------------------------|-------------|-----------------|--------------|--|--|
| OFFICER/BOARD/COMMITTEE MEMBER                        |            |            |   | 1/6/23                     |             |                 |              |  |  |
|   |            |            |   |                            |             |                 |              |  |  |
|   |            |            |   |                            |             |                 |              |  |  |
|   | Last Name  | First Name | <u>Occupation</u>                                 | Address                    | City        | <u>Zip Code</u> | Phone        | E-mail   |  |
| <b><u>Officers</u></b>                                |            |            |   |                            |             |                 |              |  |  |
| President   | Scott      | Nancy      | Graphic designer                                  | 1500 SW Borland Road       | West Linn   | 97068           | 503-997-2230 | <a href="mailto:nanscottdesign@gmail.com">nanscottdesign@gmail.com</a>         |  |
| VP  | Case       | Renee      | Lifeworks NW/Mental Health Coordinator            | 16819 Greenbrier Rd        | Lake Oswego | 97034           | 503-313-4294 | <a href="mailto:reneecase@comcast.net">reneecase@comcast.net</a>               |  |
| Secretary (Vacant)                                    |            |            |   |                            |             |                 |              |  |  |
| Treasurer   | Bailey     | John       | CPA/Real Estate                                   | 11027 SW 110th PL          | Tigard      | 97223           | 503-702-1145 | <a href="mailto:jmbaileyconsulting@gmail.com">jmbaileyconsulting@gmail.com</a> |  |
| <b>Voting Members are Officers Plus Board Members</b> |            |            |   |                            |             |                 |              |  |  |
|   |            |            |   |                            |             |                 |              |  |  |
| <b><u>Board Members</u></b>                           |            |            |   |                            |             |                 |              |  |  |
| At Large  | Goodhouse  | John       | Insurance   | 9345 SW Mountain View Lane | Tigard      | 97224           | 971-212-7533 | <a href="mailto:jgoodhouse@choicesins.com">jgoodhouse@choicesins.com</a>       |  |
| At Large  | Williams   | Cameron    | Columbia Sportswear/Risk Management               | 16075 NW Joscelyn St.      | Beaverton   | 97006           | 503-720-1192 | <a href="mailto:cawilliams@columbia.com">cawilliams@columbia.com</a>           |  |
| At Large  | Greenough  | Carol      | Retired clinical psychologist                     | 9965 SW Jurgens Lane       | Tualatin    | 97062           | 503-975-7808 | <a href="mailto:carol.greenough@gmail.com">carol.greenough@gmail.com</a>       |  |
| At Large  | Juttelstad | Claire     | Under Armour/Mangement, Process, Strategy, Engine | 1919 SE 25th Avenue        | Portland    | 97214           | 503-799-3287 | <a href="mailto:clairejuttelstad@ymail.com">clairejuttelstad@ymail.com</a>     |  |
| At Large  | Quinn      | Rebecca    | Attorney  | 10782 SW Cottonwood St.    | Tualatin    | 97062           | 503-810-1598 | <a href="mailto:romanfolk@comcast.net">romanfolk@comcast.net</a>               |  |
| At Large  | Williams   | Veronica   | Retired business executive                        | 10540 SW Kiowa St          | Tualatin    | 97062           | 503-320-2897 | <a href="mailto:vlw14@comcast.net">vlw14@comcast.net</a>                       |  |
| At Large  | Susan      | Stohl      | Real estate                                       | 4121 Childs Road           | Lake Oswego | 97034           | 503-490-1124 | <a href="mailto:sstohl@windermere.com">sstohl@windermere.com</a>               |  |



INTERNAL REVENUE SERVICE  
P. O. BOX 2508  
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: JUL 13 2017

FAMILY PROMISE OF TUALATIN VALLEY  
9000 SW DURHAM ROAD  
TIGARD, OR 97224

Employer Identification Number:  
81-5297091  
DLN:  
17053156326007  
Contact Person:  
CARLY D YOUNG ID# 31494  
Contact Telephone Number:  
(877) 829-5500  
Accounting Period Ending:  
December 31  
Public Charity Status:  
170(b)(1)(A)(vi)  
Form 990/990-EZ/990-N Required:  
Yes  
Effective Date of Exemption:  
April 24, 2017  
Contribution Deductibility:  
Yes  
Addendum Applies:  
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to [www.irs.gov/charities](http://www.irs.gov/charities). Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

FAMILY PROMISE OF TUALATIN VALLEY

Sincerely,

*Stephen A. Martin*

Director, Exempt Organizations  
Rulings and Agreements

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #126

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]

Submitted by Visitor (not verified)

Thu, 08/31/2023 - 2:15pm

70.97.42.6

### Agency Contact Information

**Agency Name**

Good Neighbor Center

**Address**

11130 SW Greenburg Road

**City**

Tigard

**State**

Oregon

**Zip Code**

97223

**Contact Name**

Jodi Collins

**Contact Telephone Number**

503-679-9680

**Contact Email Address**

community@gncnw.org

### Agency Request Information

**Describe your agency's mission**

The Good Neighbor Center (GNC) provides a safe environment and needed resources while assisting families experiencing housing insecurity in finding permanent housing and stability. GNC provides a safe haven for families experiencing housing insecurity within our community. GNC serves as a refuge for up to nine families (54 individuals) at a time in need of emergency shelter and support during these economically challenging times. Last year we served 190 individuals through our shelter program. The average length of stay is 6-8 weeks.

**What is the request for?**

We are requesting \$7,500 that would support continuation of our childcare program this year. While much of GNC's work is supported by Washington County contracts, the childcare program is funded entirely by community support. Children in our shelter are provided with daily educational support and recreational activities for pre-school children and for school age children

after school, which fosters a sense of safety, stability, and joy. Our childcare professional also assures that children remain connected to their home school and provides weekly support to parents on issues such as their child's behavior and needs. This childcare support allows parents to work towards the goals set up with their case managers (seeking housing, continuing employment) while knowing that their children are being cared for. Your support for this program will mean that we can continue to provide this critical resource to parents for the coming year.

### **How does your request align with the City Council's 2030 Vision?**

The Good Neighbor Center's (GNC) mission and services align well with the City of Tualatin's 2030 vision by contributing to an inclusive, connected, and economically thriving community that values its residents' overall well-being. Good Neighbor Center's mission to provide a safe environment, resources, and assistance to families facing housing insecurity contributes to creating an inclusive community that promotes equity and access for everyone. The center's provision of case management, supportive services, and programs helps to connect and inform families in need, fostering a more connected and engaged community. Our focus on assisting families in obtaining housing and stability indirectly contributes to Tualatin's goal of a diversified economy with increased financial stability for the entire city. By offering housing stability programs and resources, Good Neighbor Center aids in creating safe and sustainable neighborhoods and gathering places that celebrate the community.

### **How many Tualatin residents will be served?**

Because the database for all Washington County homeless individuals does not allow us to know the city of origin, it is difficult to answer this question precisely. Our experience indicates that at least 10% of our residents come from the City of Tualatin.

### **Who is your target demographic in Tualatin?**

Children and families experiencing housing insecurity.

## **Supporting Documentation**

### **Submit your organizations budget information**

[2324\\_gnc\\_unaudited\\_budget.pdf](#) <sup>[2]</sup>

### **Submit your board information**

[gnc\\_board\\_of\\_directors\\_2324.docx](#) <sup>[3]</sup>

### **Submit a copy of your 501(c)(3)**

[501c3\\_letter\\_1.pdf](#) <sup>[4]</sup>

### **Other informational attachments**

[project\\_budget\\_childcare\\_23-24.docx](#) <sup>[5]</sup>

## **Final Spending Questionnaire (must be complete if received funding in prior grant cycle)**

### **What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

Residents were able access free childcare for 6-8 weeks while in shelter at Good Neighbor Center

### **Please describe how previous grant funds were used.**

Funding allowed us to create a physical space in the shelter for children to congregate that is separate from the family eating and sleeping areas and to hire a full-time lead teacher to create and implement a comprehensive childcare program focused on providing an exciting, stimulating learning environment and play space for children and infants where they could just be children. Importantly, the teacher position has also been key in making sure that children in shelter remain connected to their home school and to have reliable after school and summer care, freeing parents to do the critical work of securing employment and housing.

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

The Good Neighbor Center provides families with critical wraparound services to support them on their path to employment, obtaining housing stability and success. The childcare center plays an essential role in these wraparound services.

The impact of having childcare available onsite has been amazing! Parents no longer need to take their children with them to look for housing, meet with caseworkers, or seek employment, and they are able to continue working if they are employed. In addition to providing activities and learning experiences for the children, the teacher has worked with the individual schools of all the children in shelter to assure that they receive transportation and attend school every day. Through this position, schools have a much stronger connection to the children of families in shelter.

**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84310>

**Links**

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]

[https://www.tualatinoregon.gov/system/files/webform/2324\\_gnc\\_unaudited\\_budget.pdf](https://www.tualatinoregon.gov/system/files/webform/2324_gnc_unaudited_budget.pdf) [3]

[https://www.tualatinoregon.gov/system/files/webform/gnc\\_board\\_of\\_directors\\_2324.docx](https://www.tualatinoregon.gov/system/files/webform/gnc_board_of_directors_2324.docx) [4]

[https://www.tualatinoregon.gov/system/files/webform/501c3\\_letter\\_1.pdf](https://www.tualatinoregon.gov/system/files/webform/501c3_letter_1.pdf) [5]

[https://www.tualatinoregon.gov/system/files/webform/project\\_budget\\_childcare\\_23-24.docx](https://www.tualatinoregon.gov/system/files/webform/project_budget_childcare_23-24.docx)





Because we have not yet received our Washington County contracts for the year beginning July 1, 2023, our Board of Directors has not finalized our budget for the year beginning July 1, 2023. We expect to receive contracts within the next week and will share our overall organization's budget with you as soon as it is approved. However, we do have a specific budget for our childcare program. We have also included an unaudited year end operating statement for the year ending June 30, 2023. Our board acknowledges that GNC ran a deficit last year and is completing plans to assure that this year's budget will be balanced.

**GOOD NEIGHBOR CENTER**  
For the Twelve Months Ending Friday, June 30, 2023

|  | July           | August         | September       | October        | November         | December       | January         | February       | March            | April           | May             | June            | YTD              |
|--|----------------|----------------|-----------------|----------------|------------------|----------------|-----------------|----------------|------------------|-----------------|-----------------|-----------------|------------------|
|  | Actual         | Actual         | Actual          | Actual         | Actual           | Actual         | Actual          | Actual         | Actual           | Actual          | Actual          | Actual          | Actual           |
| <b>Revenue</b>                               |                |                |                 |                |                  |                |                 |                |                  |                 |                 |                 |                  |
| Donations                                    | \$8,625        | \$2,728        | \$2,461         | \$9,820        | \$7,420          | \$4,326        | \$13,100        | \$30,122       | \$10,733         | \$4,267         | \$3,368         | \$14,210        | \$111,180        |
| Restricted Donations                         | 53,000         | 42,365         | 100             |                |                  |                |                 |                |                  | 8,100           |                 |                 | 103,565          |
| Unrestricted Foundation Grants               |                | 10,981         | 2,792           | 266            | 3,866            | 1,066          |                 |                |                  |                 |                 |                 | 18,970           |
| Washington County SHS                        | 45,476         | 56,841         | (11,497)        | 54,175         | 45,126           | 49,160         | 55,057          | 111,036        | 18,823           | 35,054          | 135,728         | 69,006          | 663,986          |
| City Grants                                  |                |                |                 |                | 4,500            |                |                 |                |                  |                 |                 | 15,305          | 19,805           |
| Tax Levy                                     |                | 60,015         | 30,008          | 30,008         | 30,008           | 30,008         | 30,008          | 30,008         | 30,008           | 30,008          | 30,008          | 30,008          | 360,091          |
| Regional/Federal Grants                      |                |                |                 |                |                  |                |                 |                |                  | 15,000          | 16,000          |                 | 31,000           |
| Miscellaneous Revenue                        |                |                | 19,603          | 1,264          |                  |                |                 |                |                  | 6,452           |                 | 1,000           | 28,319           |
| <b>Total Revenue</b>                         | <b>107,101</b> | <b>172,929</b> | <b>43,466</b>   | <b>95,532</b>  | <b>90,920</b>    | <b>84,560</b>  | <b>98,165</b>   | <b>171,166</b> | <b>59,563</b>    | <b>98,881</b>   | <b>185,104</b>  | <b>129,528</b>  | <b>1,336,916</b> |
| <b>Operating Expenses</b>                    |                |                |                 |                |                  |                |                 |                |                  |                 |                 |                 |                  |
| Employee Expenses                            | 68,074         | 71,105         | 67,277          | 65,925         | 146,383          | 82,677         | 100,052         | 96,097         | 120,957          | 103,904         | 98,901          | 119,500         | 1,140,853        |
| Shelter Expenses                             | 8,978          | 14,105         | 31,616          | 10,021         | 10,600           | 26,880         | 11,150          | 13,928         | 14,388           | 15,791          | 22,577          | 23,811          | 203,844          |
| Dues & Membership                            |                | 666            | 99              | 1,443          | 1,155            | 600            | 600             | 600            | 650              | 600             | 600             | 671             | 7,682            |
| Outreach                                     |                |                |                 | 73             |                  |                |                 | 318            |                  |                 |                 | 825             | 1,216            |
| Participant Assistance & Pass Through Grants | 641            | 2,656          | 2,095           | 4,274          | 20,725           | (494)          | 18,651          | 21,260         | 30,931           | 24,246          | 14,059          | 27,081          | 166,127          |
| Rent & Storage                               | 7,724          | 2,393          | 500             | 1,258          | 10,126           | 1,836          | 8,266           | 2,979          | 9,499            | 5,050           | 4,557           | 4,748           | 58,935           |
| Professional Services                        | 1,712          | 5,540          | 24,675          | 14,619         | 21,212           | 11,183         | 15,723          | 15,347         | 31,869           | 46,544          | 24,605          | (17,427)        | 195,602          |
| Volunteer Expenses                           |                |                |                 |                |                  |                |                 | 111            |                  | 17              |                 | 336             | 464              |
| <b>Total Operating Expenses</b>              | <b>87,129</b>  | <b>96,466</b>  | <b>126,262</b>  | <b>97,613</b>  | <b>210,201</b>   | <b>122,683</b> | <b>154,441</b>  | <b>150,639</b> | <b>208,294</b>   | <b>196,152</b>  | <b>165,300</b>  | <b>159,545</b>  | <b>1,774,724</b> |
| Interest Income                              | 0              | 68             | 64              | 58             | 183              | 459            | 693             | 665            | 204              | 47              | 48              | 138             | 2,628            |
| Prior Year Adjustments                       |                | 1,822          | (3)             |                |                  | 102,054        |                 |                |                  |                 | (47,484)        |                 | 56,389           |
| <b>Total Non-Operating Income (Loss)</b>     | <b>0</b>       | <b>1,891</b>   | <b>61</b>       | <b>58</b>      | <b>183</b>       | <b>102,512</b> | <b>693</b>      | <b>665</b>     | <b>204</b>       | <b>47</b>       | <b>(47,436)</b> | <b>138</b>      | <b>59,017</b>    |
| <b>Income (Loss) from Operations</b>         | <b>19,972</b>  | <b>78,354</b>  | <b>(82,734)</b> | <b>(2,023)</b> | <b>(119,098)</b> | <b>64,390</b>  | <b>(55,583)</b> | <b>21,192</b>  | <b>(148,527)</b> | <b>(97,225)</b> | <b>(27,632)</b> | <b>(29,879)</b> | <b>(378,791)</b> |

## **Project Budget**

### **Good Neighbor Center Childcare Program**

**7/1/23- 6/30/24**

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#### **Expenses**

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|   |                  |                  |
|---|------------------|------------------|
| Lead Preschool Teacher - 1.0 FTE @\$35/hr+ 20% fringe         | 74,880           |                  |
| Director of Programs - 15% of 1.0 FTE+ benefits (supervision) | 14,400           |                  |
| Materials/labor for remodeling classroom                      | 8000             |                  |
| Classroom Furniture and Supplies                              | 5000             |                  |
| Activities for families and children (\$100 x 50 families/yr) | 5000             |                  |
| <hr/>   |                  |                  |
| <b>Total</b>  | <b>\$107,280</b> | <b>\$107,000</b> |

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## Board of Directors

**Chair** Tom Heger, Vice President, JE Dunn Construction

**Vice Chair** Nicole Wolfer, Development Specialist, Providence  
Newberg Medical Center

**Treasurer** Shannon Moxley, Owner, Shannon M. Moxley CPA

**Secretary** Heather Jackson, Human Resources Manager, Cascade  
Management, Inc.

**Directors:**

Jamie Stasny, Regional Transportation & Land Use Policy  
Coordinator, Clackamas County

Bethany Pflug, Visiting Assistant Professor of Education, George  
Fox University

Dave Bachman, President & CEO, Cascade Management, Inc.

Kristin Bauer, Vice President Senior Treasury Solutions Officer,  
First Interstate Bank

David Aldridge, Owner, Aldridge & Associates Business Brokers

INTERNAL REVENUE SERVICE  
P. O. BOX 2508  
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date OCT 19 2004

Employer Identification Number:  
93-1269989

DLN:

17053269739054

Contact Person:

ERIC J BERTELSEN

ID# 31323

Contact Telephone Number:

(877) 829-5500

Public Charity Status:

170(b)(1)(A)(vi)

EAST WASHINGTON COUNTY SHELTER  
PARTNERSHIP COUNCIL INC  
11130 SW GREENBURG RD  
TIGARD, OR 97223-5433

Dear Applicant:

Our letter dated JANUARY 2000, stated you would be exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code, and you would be treated as a public charity, rather than as a private foundation, during an advance ruling period.

Based on the information you submitted, you are classified as a public charity under the Code section listed in the heading of this letter. Since your exempt status was not under consideration, you continue to be classified as an organization exempt from Federal income tax under section 501(c)(3) of the Code.

Publication 557, Tax-Exempt Status for Your Organization, provides detailed information about your rights and responsibilities as an exempt organization. You may request a copy by calling the toll-free number for forms, (800) 829-3676. Information is also available on our Internet Web Site at [www.irs.gov](http://www.irs.gov).

If you have general questions about exempt organizations, please call our toll-free number shown in the heading between 8:00 a.m. - 6:30 p.m. Eastern time.

Please keep this letter in your permanent records.

Sincerely yours,



Lois G. Lerner  
Director, Exempt Organizations  
Rulings and Agreements

Letter 1050 (DO/CG)



Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #124

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Fri, 08/25/2023 - 1:04pm  
50.38.54.199

### Agency Contact Information

**Agency Name**

Love INC. of Tigard, Tualatin and Sherwood

**Address**

10900 SW 121st Ave

**City**

Tigard

**State**

Oregon

**Zip Code**

97223

**Contact Name**

Cherree Weeks

**Contact Telephone Number**

503.443.6888 or cell: 503.704.4106

**Contact Email Address**

[executivedirector@loveinc-tts.org](mailto:executivedirector@loveinc-tts.org)

### Agency Request Information

**Describe your agency's mission**

To help struggling people avoid becoming houseless by providing resources, education, and referrals to help them through crises, so they can focus limited funds toward rent and other critical bills, progressing toward a more stable future. We do this by first listening to each person's story, understanding their situation, culture, and needs, and then tailoring our response to equitably meet their need whenever possible. We meet these needs in partnership with local churches to offer people help in the name of Christ, as well as working with other local agencies when we cannot provide support.

**What is the request for?**

A grant of \$5,000 in order to maintain our increased open hours and create client classes in budgeting and other needed skills.

**How does your request align with the City Council's 2030 Vision?**

We seek to equitably provide resources to those who most need them; assisting people whose living situation is marginal toward greater financial stability. Thereby making a lasting and positive improvement in the quality of life for these Tualatin residents. Every family that avoids a downward spiral into unsustainable debt improves the equity and health of Tualatin as a community.

### **How many Tualatin residents will be served?**

We estimate at least 91 Tualatin residents will be served between July, 2023 and June 2024.

### **Who is your target demographic in Tualatin?**

Love INC targets the impoverished and low-income population; those struggling financially who are one breakdown, layoff, or illness away from being unable to pay bills. We attempt to help this diverse population regardless of race, religion, ethnicity, or any factor except verified need. Our goal is to help clients through a crisis, then reach a stable and sustainable financial future, and achieve an improved quality of life. We do this by first listening to each person's story, understanding their situation, culture, and needs, and then tailoring our response to equitably meet their need whenever possible.

## **Supporting Documentation**

### **Submit your organizations budget information**

[loveinc\\_2023\\_budget.xlsx](#) [2]

### **Submit your board information**

[board\\_of\\_directors\\_2023.docx](#) [3]

### **Submit a copy of your 501(c)(3)**

[501\\_c\\_3\\_status.pdf](#) [4]

### **Other informational attachments**

[gap\\_report\\_2023\\_jan-june.pdf](#) [5]

## **Final Spending Questionnaire (must be complete if received funding in prior grant cycle)**

### **What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

From January 1st to June 30 of 2023, 71 Tualatin residents received goods and services valued at about \$19,400 for free.

In calendar year 2022, we provided goods and services valued at about \$24,850 for free to Tualatin residents.

### **Please describe how previous grant funds were used.**

Previous grant funds were used to help us maintain our budget and increase our open hours, making services available to more clients.

### **How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

Previous year's funds allowed us to maintain services and increase our operating hours despite the roadblocks raised by covid precautions and thus serve more people in Tualatin.

**Two authorized positions:**  
**Exec. Director & Help Center Co-ordinator**

Love INC TTS  
 Budget  
 January 1 2023  
 to Dec 31, 2023

|   |                    |
|---|--------------------|
| <b>Income</b>                               |                    |
| 4000 Income--General Operating              | \$50.00            |
| 4001 Contributions - Churches               | \$20,400.00        |
| 4003 Contributions - Board and Staff        | \$3,600.00         |
| 4004 Contributions - Individuals            | \$20,400.00        |
| 4005 Contributions - Businesses             | \$0.00             |
| 4010 Corporate Contributions - Other        | \$150.00           |
| 4020 Contributions - Other                  | \$500.00           |
| <b>Total 4000 Income--General Operating</b> | <b>\$45,100.00</b> |
| 4025 Interest Income                        | \$0.54             |
| 4100 Fundraising                            |                    |
| 4101 Events and Activities                  |                    |
| 4105 Special Appeal                         | \$65.00            |
| <b>Total 4101 Events and Activities</b>     | <b>\$65.00</b>     |
| <b>Total 4100 Fundraising</b>               | <b>\$65.00</b>     |
| 4200 Grants and Awards                      |                    |
| <b>Total 4200 Grants and Awards</b>         | <b>\$6,000.00</b>  |
| Sales                                       |                    |
| <b>Total Income</b>                         | <b>\$51,165.54</b> |
| <b>Gross Profit</b>                         | <b>\$51,165.54</b> |
| <b>Expenses</b>                             |                    |
| 6005 Advertizing and Promotion              | -\$10.00           |
| 6012 Computer Software                      | \$300.00           |
| 6015 Conferences & Travel                   | \$409.72           |
| 6016 Dues & Filing Fees                     | \$600.00           |
| 6017 Education & Training                   | \$1,200.00         |
| 6018 Fees - PayPal,SqUp, etc.               | \$480.00           |
| 6020 Insurance                              | \$2,000.00         |
| 6035 National Dues                          | \$2,000.00         |
| 6038 Office Supplies                        | \$900.00           |
| 6050 Payroll                                | \$0.00             |
| 6051 Executive Director                     | \$7,500.00         |
| 6052 Ex. Dir. Employee PR Taxes             | \$955.67           |
| 6055 GAP Coordinator Wages                  | \$3,814.36         |
| 6056 GAP Coord - Employee PR Taxes          | \$217.07           |
| 6057 Help Center Coordinator                | \$12,000.00        |
| 6059 Payroll Tax Expense - Employer         | \$2,496.00         |
| 6061 Payroll Tax Expense - Employee         | \$5,340.00         |
| 6065 Payroll Processing (Legal & Acc        | \$192.00           |
| 6600 Payroll Expenses                       | \$1,446.53         |
| <b>Total 6050 Payroll</b>                   | <b>\$33,961.63</b> |
| 6062 Printing                               | \$278.69           |
| 6064 Professional Fees                      | \$775.99           |
| 6066 Rent                                   | \$6,000.00         |
| 6068 Telephone                              | \$2,108.40         |
| <b>Total Expenses</b>                       | <b>\$51,004.43</b> |
| <b>Net Operating Income</b>                 | <b>\$161.11</b>    |
| <b>Net Income</b>                           | <b>\$161.11</b>    |

# GAP Report for 1st and 2nd Quarters

| Total Jan-June 2023     | Totals      | King City    | Sherwood | Tigard | Tualatin |
|-------------------------|-------------|--------------|----------|--------|----------|
| Households              | 90          | 1            | 7        | 62     | 20       |
| Adults                  | 154         | 1            | 12       | 106    | 35       |
| Children                | 146         | 0            | 2        | 108    | 36       |
| New Households          | 28          | 1            | 3        | 22     | 2        |
| Repeat Households       | 62          | 0            | 4        | 40     | 18       |
| Assistance Item         | Total Items | Dollar Value | House    |        |          |
| Adult Clothing          | 10          | \$720.00     | 10       |        |          |
| Bus tickets             | 10          | \$380.00     | 4        |        |          |
| Diapers & Wipes         | 62          | \$4,890.00   | 26       |        |          |
| Essentials              | 79          | \$8,410.00   | 66       |        |          |
| Food Box                | 1           | \$35.00      | 1        |        |          |
| Gas Vouchers            | 1           | \$10.00      | 1        |        |          |
| Gift Card               | 1           | \$60.00      | 1        |        |          |
| Linens                  | 14          | \$1,510.00   | 1        |        |          |
| Miscellaneous           | 21          | \$1,752.00   | 21       |        |          |
| NCO                     | 33          | \$9,360.00   | 33       |        |          |
| OTC                     | 30          | \$4,120.00   | 30       |        |          |
| Personal Care           | 10          | \$1,000.00   | 10       |        |          |
| PGE NWN                 | 17          | \$1,700.00   | 17       |        |          |
| Rent/Util Church Funded | 4           | \$1,084.81   | 4        |        |          |
| Wood Ministry           | 1           | \$150.00     | 1        |        |          |
| Rides & Delivery        | 113         | \$3,468.00   | 66       |        |          |
| TOTALS                  | 407         | \$38,649.81  |          |        |          |

| Volunteer Hours | Amount | Dollar Value |
|-----------------|--------|--------------|
| Hours           | 828.3  | \$36,712.10  |
| Mileage         | 767    | \$107.38     |
| GAP             | 407    | \$12,942.60  |
| TOTAL           |        | \$49,762.08  |

|                   |             |
|-------------------|-------------|
| Grand Total Value | \$88,411.89 |
|-------------------|-------------|

### Board of Directors - 2023

**Executive Director**

Cherree Weeks- Retired  
12540 SW Prince Albert Ave  
King City, OR 97224  
503-704-4106  
cherreeweeks@gmail.com

**Secretary**

Valerie Rice-Retired  
12895 SW Buckfield Lane  
Tigard, OR 97224  
971-506-7423  
valeririce@yahoo.com

**Board Chair**

Ed Demaree - Retired  
10900 A Garden Park Place  
Tigard, OR 97223  
503-708-8753  
tedemaree@yahoo.com

Lorna Kautzky-Retired Teacher  
Privacy request prevents publication  
of this director's address.  
503 639 2982  
miller\_lorna@yahoo.com

**Treasurer**

Dave Scalley-Retired  
16100 SW Century Dr. #159  
Sherwood OR 97140  
503-925-9824  
[dscalley3.0@gmail.com](mailto:dscalley3.0@gmail.com)

Ray Lauzon-Retired Teacher  
16840 SW Monterey Lane  
King City, OR 97224  
781-626-1777  
ray46lauzon@gmail.com

**Ruth Erickson - Retired**

12095 SW Sweeney Pl.  
Tigard, OR 97223  
(971) 221-5741  
grandma.lola.moose@gmail.com

**Jane Runion - Sales coordinator**

5548 SW Natchez St  
Tualatin, OR 97062  
(503) 639-8910  
jmrunion456@gmail.com





Department of the Treasury  
Internal Revenue Service  
Tax Exempt and Government Entities  
P.O. Box 2508  
Cincinnati, OH 45201

LOVE INC OF TIGARD TUALATIN AND SHERWOOD  
10900 SW 121ST AVE  
TIGARD, OR 97223

Date: 01/21/2022  
Employer ID number: 27-2581050  
Person to contact: Name: Ms. Maloney  
ID number: 31210  
Telephone: 877-829-5500  
Accounting period ending: December 31  
Public charity status: 170(b)(1)(A)(vi)  
Form 990 / 990-EZ / 990-N required: Yes  
Effective date of exemption: May 15, 2020  
Contribution deductibility: Yes  
Addendum applies: No  
DLN: 26053621008921

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

Based on the information you submitted with your application, we approved your request for reinstatement under Revenue Procedure 2014-11. Your effective date of exemption, as listed at the top of this letter, is retroactive to your date of revocation.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #127

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Thu, 08/31/2023 - 4:09pm  
73.190.86.85

### Agency Contact Information

**Agency Name**

Meals on Wheels People

**Address**

7710 SW 31st Ave

**City**

Portland

**State**

Oregon

**Zip Code**

97219

**Contact Name**

Bee Davis

**Contact Telephone Number**

5039538124

**Contact Email Address**

grants@mowp.org

### Agency Request Information

**Describe your agency's mission**

The vision of Meals on Wheels People (MOWP) is that no senior will go hungry or experience social isolation. While our mission is to enrich the lives of seniors, and assist them in maintaining independence, we have also become a community leader in providing nutritious food, human connection, and social support to other nutritionally at-risk individuals such as children and vulnerable populations.

**What is the request for?**

We are requesting \$5,000 for the senior nutrition program in Tualatin. Funds will be used to offset the rising cost of food needed to prepare nutritious meals for homebound and/or isolated seniors who live in Tualatin. Deliveries of fresh, healthy meals to vulnerable older adults in the Tualatin-Tigard area continue to help support seniors who are facing food insecurity during current challenges such as gas hikes, cost of food increases, inflation, and so much more. In our

54-years of operation, Meals on Wheels People has never had to institute a waiting list for our services, and we are committed to ensuring that the increased cost of quality, fresh food doesn't jeopardize our ability to respond to the needs of seniors in communities such as Tualatin.

### **How does your request align with the City Council's 2030 Vision?**

MOWP believes in an inclusive community and is committed to feeding any older adult in need, regardless of their immigration status, national origin, race, religion, ethnicity, gender, or sexual orientation. Food is at the heart of a healthy, thriving community. To deny someone this basic need is not only against our mission but also our belief that everyone deserves healthy food and the community is better when its citizens are nourished. Access to services is not dependent on proof of citizenship or immigration status, nor do we ask anyone their status. Anyone age 60 or older and in need of a meal and human companionship is welcome.

We understand the fear due to federal immigration issues, and our informed and multilingual Service Coordinators and staff are working hard in the community to build trust and ensure there are no barriers to program enrollment. We utilize culturally-appropriate and sensitive communication, often relying on respected leaders within those communities to help us reach out to marginalized and underserved communities. We know that access to healthcare can be limited in these ethnic communities, and providing nutritious meals can help address some of the challenges facing low-income older adults.

### **How many Tualatin residents will be served?**

400 Tualatin residents are expected to be served this coming FY with this funding.

### **Who is your target demographic in Tualatin?**

We will provide meals to anyone age 60 or older facing food insecurity and/or malnutrition in our service area.

## **Supporting Documentation**

### **Submit your organizations budget information**

[board\\_approved\\_budget\\_fy24.pdf](#) <sup>[2]</sup>

### **Submit your board information**

[roster\\_board\\_2022-2023.pdf](#) <sup>[3]</sup>

### **Submit a copy of your 501(c)(3)**

[501\\_c\\_3\\_irs\\_determination\\_letter.pdf](#) <sup>[4]</sup>

### **Other informational attachments**

## **Final Spending Questionnaire (must be complete if received funding in prior grant cycle)**

### **What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

We provide healthy meals to homebound and/or isolated older adults in the greater Tualatin area. Last year Meals on Wheels People provided 80 meals to at-risk older adults in the Tualatin-Tigard community with funding received from the previous City of Tualatin Outside Agency grant. In addition to weekly deliveries of fresh, tasty meals and nutrient-dense pantry staples, our staff makes wellness check and friendly chat calls to clients to help address loneliness, the detrimental effects of which has been equated to smoking 15 cigarettes a day! For Friendly Chats, staff and volunteers call clients at least once per week to chat about shared

topics of interest and similar hobbies and make plans to connect virtually to discuss topics such as books, gardening, history and crafting. Our vision is that no senior will go hungry or experience social isolation, and we continue to work to identify ways to keep seniors who are at risk of loneliness and isolation engaged and connected to the outside world.

**Please describe how previous grant funds were used.**

The previous \$1,000 award provided by the City of Tualatin was used to offset the cost of food. We provided 80 healthy meals to homebound and/or isolated older adults in the greater Tualatin area. In addition to weekly deliveries of meals and pantry staples, our staff made wellness check calls to clients to ensure that vulnerable seniors receive the services and connection they needed. In addition, our clients had the option to sign up for social programs such as Friendly Chats.

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

Providing nutritious meals and nutrient-rich supplemental food (such as cottage cheese, hummus, hard-boiled eggs, and peanut butter) to vulnerable and at-risk seniors is at the core of what we do. During the last several years, the increasing cost of food has continued to be one of our largest budget line items. Supply chain issues, lack of available fresh produce, shipping delays, and other challenges have caused the prices of the raw food we use in our meal production and the supplemental food/pantry staples we now provide to our at-risk clients to significantly increase. Thanks to community support from partners like City of Tualatin, we are able to continue to provide our services to vulnerable populations in need.

**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84312>

**Links**

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]  
[https://www.tualatinoregon.gov/system/files/webform/board\\_approved\\_budget\\_fy24.pdf](https://www.tualatinoregon.gov/system/files/webform/board_approved_budget_fy24.pdf) [3]  
[https://www.tualatinoregon.gov/system/files/webform/roster\\_board\\_2022-2023.pdf](https://www.tualatinoregon.gov/system/files/webform/roster_board_2022-2023.pdf) [4]  
[https://www.tualatinoregon.gov/system/files/webform/501\\_c\\_3\\_irs\\_determination\\_letter.pdf](https://www.tualatinoregon.gov/system/files/webform/501_c_3_irs_determination_letter.pdf)

# Meals on Wheels People

Statement of Operations

Budget: 7/1/23 - 6/30/24

## Consolidated

Board Approved 6/7/2023

### Revenue:

#### Government:

|  |           |
|--|-----------|
| Older Americans Act                      | 2,371,026 |
| Medicaid                                 | 2,104,049 |
| NSIP (formerly USDA)                     | 250,576   |
| ARP/Covid                                | 250,000   |
| Local Governments                        | 133,921   |
| Participant Contributions Congregate     | 54,428    |
| Participant Contributions Home Delivered | 443,838   |

#### Fund raising:

|                    |           |
|--------------------|-----------|
| Grants             | 1,000,000 |
| Donations          | 3,313,764 |
| Direct mail        | 1,145,802 |
| Partnerships       | 368,561   |
| Special Events     | 750,000   |
| Center Fundraising | -         |
| Release restricted | 241,615   |

#### Meal sales :

|                     |           |
|---------------------|-----------|
| The Diner Vancouver | 553,056   |
| Contract meal sales | 1,279,995 |

#### Other :

|   |                   |
|---|-------------------|
| Merchandise Sales                             | 102,518           |
| Interest earned and other investment earnings | 108               |
| Rental revenue                                | 55,320            |
| Board Designated Funds for Operations         | 1,593,266         |
| Transfer from (to) Endowment & Investments    | 637,834           |
| <b>Total revenue</b>                          | <b>16,649,676</b> |

### Expenses:

#### Personnel:

|                            |           |
|----------------------------|-----------|
| Salaries and wages         | 6,784,590 |
| Payroll taxes and benefits | 1,870,813 |
| Contract employees         | 65,000    |

#### Food:

|                                  |                   |
|----------------------------------|-------------------|
| Program meals                    | 3,091,401         |
| Supplemental Food                | 518,000           |
| Food for events                  | 22,700            |
| Food and supplies for revenue    | 8,130             |
| MOW Supplies                     | 430,583           |
| Food Service Supplies            | 63,922            |
| Professional services            | 636,084           |
| Printing                         | 280,795           |
| Rent                             | 413,876           |
| Utilities                        | 197,664           |
| Telephone and internet           | 86,856            |
| Postage                          | 156,395           |
| Truck costs                      | 97,440            |
| Insurance                        | 169,764           |
| Office Supplies                  | 45,050            |
| Small Equipment                  | 71,664            |
| Repairs and maintenance          | 182,800           |
| Training                         | 35,349            |
| Subscriptions and memberships    | 85,433            |
| Janitorial services and supplies | 38,772            |
| Mileage                          | 41,672            |
| Out of town travel               | 14,450            |
| Volunteer costs                  | 10,680            |
| Center programming               | 3,420             |
| Fundraising costs                | 34,000            |
| Recruitment ads                  | 4,645             |
| Advertising                      | 467,600           |
| Bank charges                     | 91,293            |
| Wellness                         | 10,000            |
| Employee Recognition             | 21,546            |
| Miscellaneous                    | 35,112            |
| Trademark Amortization           | 1,044             |
| Depreciation                     | 561,132           |
| <b>Total Expenses</b>            | <b>16,649,676</b> |

**Revenue over (under) expenses**

**(0)**



**Meals on Wheels People  
Board of Directors 2022-2023**

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**Meals on Wheels People  
Board of Directors 2022-2023**

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**Meals on Wheels People  
Board of Directors 2022-2023**

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*Finance Committee Member*

**\*Executive Committee**



Department of the Treasury  
Internal Revenue Service

P.O. Box 2508, Room 4010  
Cincinnati OH 45201

In reply refer to: 4077550279  
Feb. 08, 2013 LTR 4168C 0  
93-0584318 000000 00  
00027058  
BODC: TE

MEALS ON WHEELS PEOPLE INC  
PO BOX 19477  
PORTLAND OR 97280-0477



008407

Employer Identification Number: 93-0584318  
Person to Contact: Sophia Brown  
Toll Free Telephone Number: 1-877-829-5500

Dear Taxpayer:

This is in response to your Nov. 19, 2012, request for information regarding your tax-exempt status.

Our records indicate that you were recognized as exempt under section 501(c)(3) of the Internal Revenue Code in a determination letter issued in June 1971.

Our records also indicate that you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

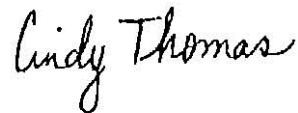
Please refer to our website [www.irs.gov/eo](http://www.irs.gov/eo) for information regarding filing requirements. Specifically, section 6033(j) of the Code provides that failure to file an annual information return for three consecutive years results in revocation of tax-exempt status as of the filing due date of the third return for organizations required to file. We will publish a list of organizations whose tax-exempt status was revoked under section 6033(j) of the Code on our website beginning in early 2011.

4077550279  
Feb. 08, 2013 LTR 4168C 0  
93-0584318 000000 00  
00027059

MEALS ON WHEELS PEOPLE INC  
PO BOX 19477  
PORTLAND OR 97280-0477

If you have any questions, please call us at the telephone number  
shown in the heading of this letter.

Sincerely yours,

A handwritten signature in cursive script that reads "Cindy Thomas".

Cindy Thomas  
Manager, EO Determinations



Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #129

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Thu, 08/31/2023 - 9:05pm  
50.53.224.116

### Agency Contact Information

**Agency Name**

MITCH Charter School

**Address**

19550 SW 90th Ct

**City**

Tualatin

**State**

Oregon

**Zip Code**

97062

**Contact Name**

Caitlin Blood or Kristen Hoover

**Contact Telephone Number**

503-639-5757

**Contact Email Address**

khooover@mitchcharterschool.org

### Agency Request Information

**Describe your agency's mission**

The mission of MITCH Charter School is to create a community where every child experiences a sense of belonging. The school is dedicated to providing whole-child, student-centered learning that supports students' social, emotional, and academic growth. Through engaging curriculum and hands-on agricultural education, MITCH aims to develop diverse student identities, global perspectives, and critical thinking skills. The school values equitable access to education, inclusion of all individuals, and the opportunity for students to become empowered leaders who contribute positively to the community, nation, and world.

**What is the request for?**

The funding request is intended to support the creation of a captivating and immersive mural on the back panels of the MITCH Charter School building. This mural will span across six panels and will depict a picturesque river landscape panorama that pays homage to the rich natural

resources and stunning beauty of the Tualatin River and its surrounding environment. The estimated budget of \$6,600 total. The artistic painting itself will be \$6,000, while an additional \$500 will be allocated for necessary paint supplies, ensuring the creation of a vibrant and enduring artwork. Additionally, \$100 will be used for scaffolding rental to facilitate the execution of this large-scale mural.

The mural's design is meticulously crafted to align seamlessly with MITCH Charter School's mission and the City Council's 2030 Vision. The artwork will unfold from the river's serene waters at the bottom of the panels, gradually ascending to showcase the lush shore grasses, towering pine trees, majestic mountains, and expansive sky above. This comprehensive representation captures the harmony between the natural elements that define the local landscape.

Furthermore, the mural is envisioned as more than a static artistic installation. It will be strategically integrated with interactive elements that foster engagement and play among students. Salmon, symbolic of the Tualatin River's ecosystem, will elegantly weave along the fence and waterways within the mural. These salmon will serve as markers for water-themed activities, including mazes and a playful variation of hopscotch, all enhancing the recess experience for the students. This design choice brings education and recreation together, providing an immersive space for students to learn about their surroundings while having fun.

By transforming the school's exterior panels into a visual narrative that encapsulates the essence of the Tualatin River, this artistic installation will play a vital role in enhancing the outdoor environment of the school. Moreover, it resonates profoundly with MITCH Charter School's commitment to holistic education, connecting students with nature, and promoting a sense of belonging. This mural will serve as a dynamic reflection of the community's shared values and the City Council's 2030 Vision by fostering inclusivity, environmental awareness, and engagement.

### **How does your request align with the City Council's 2030 Vision?**

The request aligns with the City Council's 2030 Vision in several ways:

**Inclusive Community:** The artistic installation contributes to creating an inclusive community by providing an engaging and accessible outdoor space that celebrates the beauty of the Tualatin River. It enhances the school environment and promotes a sense of belonging for students, teachers, and the larger community.

**Connected and Engaged Community:** The installation encourages community engagement by offering a visually appealing gathering place that reflects the local landscape. It invites individuals to connect with nature and each other, fostering a sense of connection and engagement among residents.

**Environmental Responsibility:** The artwork's theme of honoring natural resources and habitats aligns with the vision of an environmentally active and responsible community. By showcasing the Tualatin River and its inhabitants, the installation reinforces the community's commitment to protecting its natural environment.

**Accessible and Innovative Design:** The installation's focus on creating a water-themed play area demonstrates innovation in design while ensuring accessibility for all. It contributes to the vision of safe, vibrant, and accessible gathering places throughout the city.

**Educational and Cultural Enrichment:** The project's incorporation of diverse wildlife, landscapes, and themes of the Tualatin River aligns with the city's goal of promoting diversity, equity, and access. It enriches the cultural landscape of the community while providing an educational opportunity for students and visitors.

Overall, the artistic installation project proposed by MITCH Charter School aligns with the City Council's 2030 Vision by fostering inclusivity, community engagement, environmental

responsibility, accessibility, and cultural enrichment in a way that resonates with the values and goals of both the school and the city of Tualatin.

**How many Tualatin residents will be served?**

Approximately 600

**Who is your target demographic in Tualatin?**

Primary school-aged children and their families.

**Supporting Documentation****Submit your organizations budget information**

[mitch\\_budget\\_2023-24\\_draft\\_ttsd\\_2.xlsx](#) [2]

**Submit your board information**

[2023-24\\_board\\_roster\\_mitch\\_charter\\_school.xlsx](#) [3]

**Submit a copy of your 501(c)(3)**

[updated\\_501c3\\_letter2012.pdf](#) [4]

**Other informational attachments**

[mitch\\_w9\\_1.pdf](#) [5]

**Final Spending Questionnaire (must be complete if received funding in prior grant cycle)**

**What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

**Please describe how previous grant funds were used.**

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

**Source URL:** <https://www.tualatinoregon.gov/node/13520/submission/84316>

**Links**

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]

[https://www.tualatinoregon.gov/system/files/webform/mitch\\_budget\\_2023-24\\_draft\\_ttsd\\_2.xlsx](https://www.tualatinoregon.gov/system/files/webform/mitch_budget_2023-24_draft_ttsd_2.xlsx) [3]

[https://www.tualatinoregon.gov/system/files/webform/2023-24\\_board\\_roster\\_mitch\\_charter\\_school.xlsx](https://www.tualatinoregon.gov/system/files/webform/2023-24_board_roster_mitch_charter_school.xlsx) [4]

[https://www.tualatinoregon.gov/system/files/webform/updated\\_501c3\\_letter2012.pdf](https://www.tualatinoregon.gov/system/files/webform/updated_501c3_letter2012.pdf) [5]

[https://www.tualatinoregon.gov/system/files/webform/mitch\\_w9\\_1.pdf](https://www.tualatinoregon.gov/system/files/webform/mitch_w9_1.pdf)

MITCH Budget 2023-24 Draft

|                    | 2023-24 |
|--------------------|---------|
| Number Of Students | 235.00  |

|               |              |
|---------------|--------------|
| Income        |              |
| SSF           | 1,869,190.00 |
| Activity Fees | 66,975.000   |
| Contribution  | 68,385.00    |
| Facility Use  | 6,000.00     |
| Total Income  | 2,010,550.00 |

|                             |              |
|-----------------------------|--------------|
| Expenses                    |              |
| Salaries                    | 1,479,483.07 |
| Subs                        | 30,000.00    |
| K-5 Extracurricular         | 64,800.00    |
| K-5 Supplies & Materials    | 13,000.00    |
| Staff Development           | 5,000.00     |
| Support Services            | 90,219.00    |
| Business Op/Property Maint. | 322,200.12   |
| Technology Services         | 5,847.00     |
| Total Expenses              | 2,010,549.19 |
| Net Income                  | 0.81         |

## MITCH Budget 2023-24 Draft

|                                     | 2023-24             | 2024-25             | 2025-26             | 2026-27             | 2027-28             |
|-------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Number Of Students                  | 235.00              | 235.00              | 235.00              | 235.00              | 235.00              |
| <b>Income</b>                       |                     |                     |                     |                     |                     |
| SSF                                 | 1,869,190.00        | 1,869,190.00        | 1,869,190.00        | 1,869,190.00        | 1,869,190.00        |
| Activity Fees                       | 66,975.000          | 66,975.000          | 66,975.000          | 66,975.000          | 66,975.000          |
| Contribution                        | 68,385.00           | 68,385.00           | 68,385.00           | 68,385.00           | 68,385.00           |
| Facility Use                        | 6,000.00            | 6,000.00            | 6,000.00            | 6,000.00            | 6,000.00            |
| <b>Total Income</b>                 | <b>2,010,550.00</b> | <b>2,010,550.00</b> | <b>2,010,550.00</b> | <b>2,010,550.00</b> | <b>2,010,550.00</b> |
| <b>Expenses</b>                     |                     |                     |                     |                     |                     |
| <b>Salaries</b>                     | <b>1,479,483.07</b> | <b>1,479,483.07</b> | <b>1,479,483.07</b> | <b>1,479,483.07</b> | <b>1,479,483.07</b> |
| <b>Subs</b>                         | <b>30,000.00</b>    | <b>30,000.00</b>    | <b>30,000.00</b>    | <b>30,000.00</b>    | <b>30,000.00</b>    |
| <b>K-5 Extracurricular</b>          | <b>64,800.00</b>    | <b>64,800.00</b>    | <b>64,800.00</b>    | <b>64,800.00</b>    | <b>64,800.00</b>    |
| <b>K-5 Supplies &amp; Materials</b> | <b>13,000.00</b>    | <b>13,000.00</b>    | <b>13,000.00</b>    | <b>13,000.00</b>    | <b>13,000.00</b>    |
| <b>Staff Development</b>            | <b>5,000.00</b>     | <b>5,000.00</b>     | <b>5,000.00</b>     | <b>5,000.00</b>     | <b>5,000.00</b>     |
| <b>Support Services</b>             | <b>90,219.00</b>    | <b>90,219.00</b>    | <b>90,219.00</b>    | <b>90,219.00</b>    | <b>90,219.00</b>    |
| <b>Business Op/Property Maint.</b>  | <b>322,200.12</b>   | <b>322,200.12</b>   | <b>322,200.12</b>   | <b>322,200.12</b>   | <b>322,200.12</b>   |
| <b>Technology Services</b>          | <b>5,847.00</b>     | <b>5,847.00</b>     | <b>5,847.00</b>     | <b>5,847.00</b>     | <b>5,847.00</b>     |
| <b>Total Expenses</b>               | <b>2,010,549.19</b> | <b>2,010,549.19</b> | <b>2,010,549.19</b> | <b>2,010,549.19</b> | <b>2,010,549.19</b> |
| <b>Net Income</b>                   | <b>-</b>            | <b>-</b>            | <b>-</b>            | <b>-</b>            | <b>-</b>            |



# Board Roster 2023-24

|                         |                                |
|-------------------------|--------------------------------|
| Position                | Board Chair                    |
| Name                    | Sarah Parker                   |
| Term ends               | June 2024                      |
| Phone Number            |                                |
| MITCH email             | sparker@mitchcharterschool.org |
| alternative email       |                                |
| address                 |                                |
| Preferred Communication |                                |

|                         |  |
|-------------------------|--|
| Position                | Board Vice Chair                             |
| Name                    | Kristen Hoover                               |
| Term ends               | July 2025                                    |
| Phone Number            | 503-806-9503                                 |
| MITCH email             | khoover@mitchcharterschool.org               |
| alternative email       | pdxhoovers@gmail.com                         |
| address                 | 11315 SW Kalispell Street Tualatin, OR 97062 |
| Preferred Communication | email, text if urgent                        |

|                         |                                       |
|-------------------------|---------------------------------------|
| Position                | Board Secretary                       |
| Name                    | Corey Cabrera                         |
| Term ends               | June 2023                             |
| Phone Number            | 360-521-6905                          |
| MITCH email             | ccabrera@mitchcharterschool.org       |
| alternative email       | corey@freeholdbrokerage.com           |
| address                 | 5876 SE Tranquil Ct, Portland, Oregon |
| Preferred Communication | Email, but Text if Urgent             |

|                         |  |
|-------------------------|--|
| Position                | Board Treasurer                                      |
| Name                    | Jason Johnston                                       |
| Term ends               | June 2023  |
| Phone Number            | 360-910-9556   |
| MITCH email             | jjohnston@mitchcharterschool.org                     |
| alternative email       | 1chefshui@gmail.com, jason.johnston@daimlertruck.com |
| address                 | 13781 SW Hillshire Drive, Tigard, OR 97723           |
| Preferred Communication | Text or call if urgent, email                        |

|                         |                                    |
|-------------------------|------------------------------------|
| Position                | Board Director                     |
| Name                    | Neil Tosunikool                    |
| Term ends               | August 2025                        |
| Phone Number            |                                    |
| MITCH email             | ntosunikool@mitchcharterschool.org |
| alternative email       |                                    |
| address                 |                                    |
| Preferred Communication |                                    |

|          |                |
|----------|----------------|
| Position | Board Director |
|----------|----------------|

Name  
Term ends  
Phone Number  
MITCH email  
alternative email  
address  
Prefered Communication

|                        |                |
|------------------------|----------------|
| Position               | Board Director |
| Name                   |                |
| Term ends              |                |
| Phone Number           |                |
| MITCH email            |                |
| alternative email      |                |
| address                |                |
| Prefered Communication |                |



Department of the Treasury  
Internal Revenue Service

P.O. Box 2508  
Cincinnati OH 45201

In reply refer to: 0248467585  
Mar. 12, 2012 LTR 4168C E0  
93-1307461 000000 00  
00016884  
BODC: TE

MULTI-SENSORY INSTRUCTION TEACHING  
CHILDREN HANDS-ON M I T C H  
% DEBI LORENCE  
19550 SW 90TH CT  
TUALATIN OR 97062



054978

Employer Identification Number: 93-1307461  
Person to Contact: Mrs Pamela Skiles  
Toll Free Telephone Number: 1-877-829-5500

Dear Taxpayer:

This is in response to your Mar. 01, 2012, request for information regarding your tax-exempt status.

Our records indicate that you were recognized as exempt under section 501(c)(3) of the Internal Revenue Code in a determination letter issued in June 2002.

Our records also indicate that you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(ii).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Please refer to our website [www.irs.gov/eo](http://www.irs.gov/eo) for information regarding filing requirements. Specifically, section 6033(j) of the Code provides that failure to file an annual information return for three consecutive years results in revocation of tax-exempt status as of the filing due date of the third return for organizations required to file. We will publish a list of organizations whose tax-exempt status was revoked under section 6033(j) of the Code on our website beginning in early 2011.

0248467585  
Mar. 12, 2012 LTR 4168C E0  
93-1307461 000000 00  
00016885

MULTI-SENSORY INSTRUCTION TEACHING  
CHILDREN HANDS-ON M I T C H  
% DEBI LORENCE  
19550 SW 90TH CT  
TUALATIN OR 97062

If you have any questions, please call us at the telephone number  
shown in the heading of this letter.

Sincerely yours,



S. A. Martin, Operations Manager  
Accounts Management Operations

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #128

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Thu, 08/31/2023 - 8:39pm  
50.38.48.31

### Agency Contact Information

**Agency Name**

Neighbors Nourishing Communities

**Address**

17660 SW Shawnee Trail

**City**

Tualatin

**State**

Oregon

**Zip Code**

97062

**Contact Name**

Chad Darby

**Contact Telephone Number**

5035237142

**Contact Email Address**

cmdarby@frontier.com

### Agency Request Information

**Describe your agency's mission**

To strengthen communities and reduce hunger through gardening.

**What is the request for?**

Funding Request is for \$2,500

Operating expenses to support gardening and educational programs for the coming calendar year. Garden produce will be donated back into the community to support recipients of Tualatin Schoolhouse Pantry, Packed with Pride, and Meals on Wheels.

**How does your request align with the City Council's 2030 Vision?**

NNC supports an inclusive community by promoting outdoor gardening activities and education at no cost to participants. By providing food to those with food insecurity in our community, NNC is supporting a meaningful quality of life for those that struggle to attain it. We are ensuring that children are fed in our community and we are supporting environmentally sustainable practices by

promoting local, organic food production. Lastly, we are building community programs that connect people that might not otherwise meet one another.

### **How many Tualatin residents will be served?**

We typically have 45-60 volunteer gardeners, businesses, and institutions each year. About 25% of those members will be located outside of Tualatin, but most are nearby and contribute to the Tualatin Schoolhouse Pantry. However, we also serve all the participants at Tualatin Schoolhouse Pantry with our donations. We support students at local elementary schools and we teach classes open to the public at the Tualatin Library. NNC estimates we are reaching about 1,000 citizens in one way or another. However our programs are open to all residents of Tualatin and it is really unique to have a program that provides free gardening materials for any citizen that is interested.

### **Who is your target demographic in Tualatin?**

Our target demographic is very broad. While we support those with food insecurity through food donations, we encourage low income families to join our organization. We provide tools, seeds, plants, and growing spaces for those that need them. However, the largest portion of our members is middle class homeowners who have space, time, and money for gardening. This includes families with young children to senior citizens. We have also donated produce to Meals on Wheels and we provide classes at the Tualatin Library to anyone that wishes to attend. These are mostly attended by senior citizens. So, our target demographic for our produce is low-income, but our target demographic for membership spans from low-income to middle-income residents.

## **Supporting Documentation**

### **Submit your organizations budget information**

[2024\\_budget.docx](#) <sup>[2]</sup>

### **Submit your board information**

[board\\_members\\_2024.docx](#) <sup>[3]</sup>

### **Submit a copy of your 501(c)(3)**

[501c3\\_cert.docx](#) <sup>[4]</sup>

### **Other informational attachments**

## **Final Spending Questionnaire (must be complete if received funding in prior grant cycle)**

### **What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

With the generous support of the City of Tualatin, NNC was able to support over 40 gardeners that donated produce to Tualatin Schoolhouse Pantry, Packed with Pride, and Meals on Wheels, potentially reaching hundreds of local residents. Value, however, is not always measured in dollars or numbers of participants. We believe that one of the values of the grant award is the message it sends to the community about our values and how we take care of each other. Low income families can feel supported, heard, and appreciated. The broader community, whether they participate or not, knows they belong to a city where everyone can be provided with a garden and the education and means to be successful. We don't know anywhere else that happens. We are promoting organic and local agricultural production, which supports our bee population and reduces (very incrementally) transportation impacts associated with global



industrial food production. In other words, NNC believes there's a huge unquantifiable value in the message that this grant sends to the community.

**Please describe how previous grant funds were used.**

NNC was able to cover all operating expenses in 2023. This included obtaining seeds and plants that were high-quality and commercially grown for our annual plant handout. We covered signage and gardening supplies for those that needed it. We were able to produce educational information, such as our digital newsletter, which provides growing tips and recipes. All of our labor is volunteer. No money is paid for labor.

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

Funds went toward plants, seeds, instructional materials, and gardening supplies that were handed out to volunteer growers. This directly led to garden produce that went to area food suppliers like the Tualatin Schoolhouse Pantry, Packed with Pride, and Meals on Wheels. In other words, funds helped directly with our purpose and mission.

**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84315>

**Links**

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]

[https://www.tualatinoregon.gov/system/files/webform/2024\\_budget.docx](https://www.tualatinoregon.gov/system/files/webform/2024_budget.docx) [3]

[https://www.tualatinoregon.gov/system/files/webform/board\\_members\\_2024.docx](https://www.tualatinoregon.gov/system/files/webform/board_members_2024.docx) [4]

[https://www.tualatinoregon.gov/system/files/webform/501c3\\_cert.docx](https://www.tualatinoregon.gov/system/files/webform/501c3_cert.docx)

| <b>Operating Budget 2024</b>                          |              |
|---|--------------|
| <u>Revenue</u>  |              |
| <b>Cash (starting balance)*</b>                       | \$35,057     |
| Resident Donations (cash)*                            | \$0          |
| Business Donations (cash)**                           | \$35,000     |
| City of Tualatin Grant                                | \$2,500      |
| <br>Total Cash Starting and Received                  | <br>\$72,557 |
| <br><b>Donated Material</b>                           |              |
| Victory Seeds (donated seeds)-estimated               | \$125        |
| Territorial (donated seeds)- estimated                | \$100        |
| <br><b>Total Value of Cash and Donations</b>          | <br>\$72,782 |
| <br><u>Expense*</u>                                   |              |
| Oregon Business Filings                               | \$ 100       |
| Seeds/Plants  | \$1,000      |
| Community Garden Space Rental for low income families | \$0          |
| Supplies for classes, tools, growing medium           | \$400        |
| Administrative costs/supplies                         | \$500        |
| Greenhouse construction***                            | \$70,000     |
| <br><b>Total Expenses</b>                             | <br>\$72,000 |
| <br><b>Year-end balance</b>                           | <br>\$782    |

\*Projection for CY2024 based on current finances and past donation history

\*\*Represents a donation promised by the Tualatin Rotary Club towards the Bridgeport Greenhouse and the Bridgeport Garden Club and \$20,000 of additional fundraising yet.

\*\*\*Based on bids for greenhouse construction plus escalation for 2024 prices: Materials (\$29,000), Electrical (\$9,000), and Contractor labor (\$32,000)

| <b>Board Member Name</b> | <b>Board Position</b> | <b>Occupation</b>               | <b>Address</b>                             | <b>Phone Number</b> |
|--------------------------|-----------------------|---------------------------------|--|---------------------|
| Chad Darby               | Director/Chairman     | Air Quality Consultant/Engineer | 17660 SW Shawnee Trail, Tualatin, OR 97062 | 503.523.7142        |
| Robert Kellogg           | Director              | Attorney                        | 9412 SW Arikara Drive, Tualatin, OR 97062  | 971.235.6908        |
| Frank Bubenik            | Director              | IT Consultant                   | 17445 SW 107th Ave., Tualatin, OR 97062    | 503.692.1544        |
| Caitlin Blood            | Director              | Skyline Farm Manager            | 7306 N. Vancouver Ave., Portland, OR 97217 | 503.475.4271        |
| Evan Weisner             | Director              | Real Estate Management          | 23315 Sw Sherk place, Sherwood, OR 97140   | 503-752-4202        |
| Peggy Fisher             | Director              | Director of Marketing           | 22445 SW Chilkat Ter, Tualatin, OR 97062   | 503.554.4096        |

### Non-profit Status

Neighbors Nourishing Communities is a registered non-profit in the State of Oregon. Our application for 501(c)(3) certification was accepted on August 19, 2014. We were approved as a federal income tax exempt 501(c)(3) organization by the IRS as of September 5, 2014.

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #115

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Mon, 08/07/2023 - 4:22pm  
174.174.63.111

### Agency Contact Information

**Agency Name**

Rebuilding Together Washington County Inc.

**Address**

12550 SW 3RD ST

**City**

BEAVERTON

**State**

Oregon

**Zip Code**

97005

**Contact Name**

Goldhammer

**Contact Telephone Number**

5036444544

**Contact Email Address**

rtwc@togwc.org

### Agency Request Information

**Describe your agency's mission**

Repairing homes, revitalizing communities, rebuilding lives. We accomplish our mission by using community volunteers to perform free repairs, rehabilitation and install accessibility modifications for low-income homeowners throughout Washington County.

**What is the request for?**

We are seeking \$5,000 to help us continue to provide free repairs and accessibility modifications for low-income households in Tualatin. On occasion we also help to prevent manufactured homeowners who own their own homes but rent a space in a manufactured home park from getting eviction notices from the park management because they cannot afford to maintain the exteriors of their home to the manufactured home park's standards.

**How does your request align with the City Council's 2030 Vision?**

First bullet point- We believe that an inclusive community that provides a meaningful quality of life needs to include a safe and healthy home for all of its people. A healthy home to raise children in, a home where older adults can live out their lives in their own homes without fear of falls that often result in emergency room visits, hospitalizations or placement in a skilled nursing facility, The grab bars, handrails, ramps etc that we install for free allows persons with disabilities to freely enter and exit their homes and have mobility throughout their homes. #6 Safe, desirable, welcoming and sustainable neighborhoods with housing that is available for all. While we do not build new homes, we help preserve them so that they can continue to provide a viable housing environment for many years to come. When we began, 30 years ago, there was a home in Beaverton declared inhabitable, after our efforts and the hard work of the current owners, this house has become an example of what can be done to maintain living spaces.

### **How many Tualatin residents will be served?**

We would ask for the flexibility to state between 2-6 low-income households. We do not know what the applicants from Tualatin will be in need of until we receive their applications. For example, we may have a homeowner that needs a new large ramp, or stairs widened to accommodate use by a person with a walker, or they may have received a notice that if they do not get their older manufactured home painted within a set amount of time, they will face eviction. Homeowners at the extremely low and very low income levels cannot afford to pay to have this done, and the vast majority of people who apply are either seniors or persons with disabilities who cannot do the work themselves.

### **Who is your target demographic in Tualatin?**

Our target demographic has always been low and very low income homeowners, especially older adults, persons with disabilities, veterans and families with dependent children living in the home.

## **Supporting Documentation**

### **Submit your organizations budget information**

[rtwc\\_2324\\_line\\_item\\_budget\\_1.pdf](#) [2]

### **Submit your board information**

[\\_rtwc\\_board\\_of\\_directors\\_fy\\_2324.docx](#) [3]

### **Submit a copy of your 501(c)(3)**

[2015 - irs\\_determination\\_letter\\_1.pdf](#) [4]

### **Other informational attachments**

[rtwc\\_trauma\\_informed\\_statement.docx](#) [5]

## **Final Spending Questionnaire (must be complete if received funding in prior grant cycle)**

### **What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

We did not receive funding in the prior year. The last time our records indicate funding was in the 2019/2020 fiscal year. However, in the past 1 1/2 years (COVID slowed us down a bit,) we worked on the home of three low and extremely low income homeowners living in Tualatin. We painted three homes, replaced siding on part of one, repaired the skirting and replaced a garage door that would not open and was not repairable. We modified stairs for a homeowner who used a walker to enter and exit her home.



**Please describe how previous grant funds were used.**

The value of materials, services and labor expended on the three homes listed above was \$12,946.08.

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

Your funds, and all the donations and grants we receive help us to be able to continue to reach out to those most in need of our services.

**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84094>

**Links**

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]

[https://www.tualatinoregon.gov/system/files/webform/rtwc\\_2324\\_line\\_item\\_budget\\_1.pdf](https://www.tualatinoregon.gov/system/files/webform/rtwc_2324_line_item_budget_1.pdf) [3]

[https://www.tualatinoregon.gov/system/files/webform/rtwc\\_board\\_of\\_directors\\_fy\\_2324.docx](https://www.tualatinoregon.gov/system/files/webform/rtwc_board_of_directors_fy_2324.docx) [4]

[https://www.tualatinoregon.gov/system/files/webform/2015\\_-\\_irs\\_determination\\_letter\\_1.pdf](https://www.tualatinoregon.gov/system/files/webform/2015_-_irs_determination_letter_1.pdf) [5]

[https://www.tualatinoregon.gov/system/files/webform/rtwc\\_trauma\\_informed\\_statement.docx](https://www.tualatinoregon.gov/system/files/webform/rtwc_trauma_informed_statement.docx)

| <b>RTWC 23/24 Line Item Budget</b>        | <b>TOTAL AGENCY</b> | <b>Homeowner Support<br/>and Outreach</b> | <b>Critical Repair<br/>Program</b> | <b>Community<br/>Alliance Prg</b> | <b>Unrestricted</b> |
|---|---------------------|---|------------------------------------|-----------------------------------|---------------------|
| <b>REVENUE</b>                            |                     |   |                                    |                                   |                     |
| Businesses                                | 1,500               |   | 1,000                              | 500                               |                     |
| Religious & Civic Organizations           | 11,000              |   | 7,000                              | 3,000                             | 1,000               |
| Corporations                              | 3,500               |   | 2,000                              | 1,500                             |                     |
| Foundations                               | 30,000              | 1,500                                     | 18,000                             | 10,500                            |                     |
| Trusts                                    | 12,000              |   | 9,000                              | 3,000                             |                     |
| Individuals                               | 6,500               |   |                                    |                                   | 6,500               |
| Public Agencies                           | 24,000              | 6,000                                     | 6,000                              | 12,000                            |                     |
| Contracts                                 | 7,000               |   | 5,500                              | 1,500                             |                     |
| Special Events                            | 5,000               |   |                                    |                                   | 5,000               |
| Misc. Inc.                                | 750                 |   |                                    |                                   | 750                 |
| <b>Total Cash Revenue</b>                 | <b>101,250</b>      | <b>7,500</b>                              | <b>48,500</b>                      | <b>32,000</b>                     | <b>13,250</b>       |
| In-Kind donations of materials            | 2,000               |   | 800                                | 1,200                             |                     |
| In-kind volunteer labor hours             | 46,500              |   | 1,000                              | 45,500                            |                     |
| <b>Total In-Kind Revenue</b>              | <b>48,500</b>       |   | <b>1,800</b>                       | <b>46,700</b>                     |                     |
| <b>TOTAL REVENUE</b>                      | <b>149,750</b>      | <b>7,500</b>                              | <b>50,300</b>                      | <b>78,700</b>                     | <b>13,250</b>       |
| <b>EXPENSES</b>                           |                     |   |                                    |                                   |                     |
| <i>Staff Salary &amp; salary expense</i>  |                     |   |                                    |                                   |                     |
| Executive Director (interim pt.time).5fte | 21,275              | 5,500                                     | 2,750                              | 2,000                             | 11,025              |
| Program Manager                           | 47,773              | 17,500                                    | 14,773                             | 15,500                            |                     |
| Paid Labor/repair                         | 4,000               |   | 4,000                              |                                   |                     |
| Project Materials                         | 5,000               |   | 3,500                              | 1,500                             |                     |
| Project Support Costs                     | 1,500               |   | 350                                | 1,150                             |                     |
| Volunteer Support Costs                   | 500                 |   | 100                                | 400                               |                     |
| Rent and Utilities                        | 7,200               |   |                                    |                                   | 7,200               |
| Insurances                                | 5,000               |   |                                    |                                   | 5,000               |
| Dues and Licenses                         | 4,000               |   |                                    |                                   | 4,000               |
| Phone & Internet                          | 1,700               |   |                                    |                                   | 1,700               |
| Office Supplies                           | 350                 |   |                                    |                                   | 350                 |
| Training and Development                  | 500                 |   |                                    |                                   | 500                 |
| Travel and Meetings                       | 300                 |   |                                    |                                   | 300                 |
| Bank fees and misc. charges               | 300                 |   |                                    |                                   | 300                 |
| <b>TOTAL CASH EXPENSE</b>                 | <b>99,398</b>       | <b>23,000</b>                             | <b>25,473</b>                      | <b>20,550</b>                     | <b>30,375</b>       |
| Net Operating Income                      | \$1,852             |   |                                    |                                   |                     |



12550 SW 3<sup>rd</sup> Street, Beaverton, Oregon 97005  
503.644.4544 | [rtwc@TogWC.org](mailto:rtwc@TogWC.org) | [www.TogWC.org](http://www.TogWC.org)  
Tax ID 93-1120908 | TTY 800.735.2900

## **BOARD OF DIRECTORS 2023/20234 FISCAL YEAR**

### **Officers**

**Yessenia Jones- President**

Construction Coordinator – Pro-Unlimited

On-Site @ Nike

9855 SW 153<sup>rd</sup> Ave., Beaverton, OR 97005

Member as of June, 2015

503-740-8572

[cy.jones409@gmail.com](mailto:cy.jones409@gmail.com)

### **Directors**

**Salvador Castaneda Jr**

Advisor and Outreach Coordinator

Portland Community College

5175 SW 163<sup>rd</sup> Ave.

Beaverton, OR.97007

Member as of August 2018

971-303-5151

[salcjr84@gmail.com](mailto:salcjr84@gmail.com)

**Mike Meier**

Election Division

9025 SW Caroline Drive

Portland, OR 97225

Member as of February 2023

503-799-9885

[Mikemeier99@hotmail.com](mailto:Mikemeier99@hotmail.com)

**Alex Jones**

Gentog LLC

9855 SW 153<sup>rd</sup> Ave.

Beaverton, OR. 97007

Member as of June 2015

971-570-3323

[alexanderjjones17@gmail.com](mailto:alexanderjjones17@gmail.com)

**Mary Ann Spady**

Oregon Broker- Next Home Realty Connection

6194 NE Cornell Road

Hillsboro, OR. 97124

Member as of May 2022

541-401-4416

[maryann@nexthomepdx.com](mailto:maryann@nexthomepdx.com)

**Karen Marrello**

Mortgage Home Loan broker-Axia Home Loans

8915 SW Gravenstein Lane

Tigard, OR 97224

Member as of January 2023

425-306-0488 [kmarrello@hotmail.com](mailto:kmarrello@hotmail.com)



**IRS** Department of the Treasury  
Internal Revenue Service

P.O. Box 2508  
Cincinnati OH 45201

In reply refer to: 1000571086  
Feb. 23, 2015 LTR 4168C 0  
93-1120908 000000 00  
Input Op: 0752251710 00022600  
BODC: TE

REBUILDING TOGETHER WASHINGTON  
COUNTY INC  
12550 SW 3RD ST  
BEAVERTON OR 97005-0555



027458

Employer Identification Number: 93-1120908  
Person to Contact: CUSTOMER SERVICE  
Toll Free Telephone Number: 1-877-829-5500

Dear REBUILDING TOGETHER WASHINGTON:

This is in response to your Feb. 11, 2015, request for information regarding your tax-exempt status.

Our records indicate that you were recognized as exempt under section 501(c)(03) of the Internal Revenue Code in a determination letter issued in NOVEMBER, 1993.

Our records also indicate that you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Please refer to our website [www.irs.gov/eo](http://www.irs.gov/eo) for information regarding filing requirements. Specifically, section 6033(j) of the Code provides that failure to file an annual information return for three consecutive years results in revocation of tax-exempt status as of the filing due date of the third return for organizations required to file. We will publish a list of organizations whose tax-exempt status was revoked under section 6033(j) of the Code on our website beginning in early 2011.

1000571086

Feb. 23, 2015 LTR 4168C 0

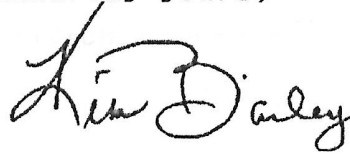
93-1120908 000000 00

Input Op: 0752251710 00022601

REBUILDING TOGETHER WASHINGTON  
COUNTY INC  
12550 SW 3RD ST  
BEAVERTON OR 97005-0555

If you have any questions, please call us at the telephone number  
shown in the heading of this letter.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Kim D. Bailey". The signature is fluid and cursive, with the first name "Kim" and last name "Bailey" clearly distinguishable.

Kim D. Bailey  
Operations Manager, AM Operations 3



12550 SW 3<sup>rd</sup> Street. , Beaverton, OR 97005  
[www.TogWc.org](http://www.TogWc.org) Email: [rtwc@TogWc.org](mailto:rtwc@TogWc.org)  
P: 503-644-4544  
TDD/TTY 800-735-2900  
Taxpayer ID: 93-1120908 / CCB: 198425

## **Statement on Trauma Informed Home Repair and Accessibility Modifications Free Services.**

Trauma-informed services do not need to be focused on treating symptoms or syndromes related to trauma. Rather, regardless of their primary mission – to deliver primary care, mental health, addictions services, housing, etc - their commitment is to provide services in a manner that is welcoming and appropriate to the special needs of those affected by trauma (Harris & Fallot, 2001).

The core trauma-informed principles are:

- Acknowledgement – recognizing that trauma is pervasive. *Staff is aware of the impact trauma has on the homeowners we assist. Whether it is the death of a spouse, a life-altering disability, an accident, military service in a conflict zone, or a lack of sufficient income to provide a safe and healthy living environment for themselves and their families, we go about our work on the assumption that in spite of the fact that we cannot see generational trauma, or developmental trauma (only the effects) our clients all have experienced trauma in one form or another.*
- Safety- *Rebuilding Together Washington County performs background checks on our volunteers who perform our repairs. We have a several page policy outlining all the acceptable forms of interactions between our homeowners, staff and volunteers. All parties sign this agreement that sets strict guidelines for protecting the homeowner, volunteer and staff from any form of harassment or discrimination.*
- Trust- *From the time a homeowner requests our simple one page application to when our program manager calls them to set up an appointment to make an in-person visitation to assess the requested repairs and verify eligibility, the homeowner is treated with respect. Regardless of the condition of their homes, no disparaging remarks, looks or comments are ever made, understanding that people are doing the best they can in their circumstances. We work at creating rapport with the homeowner and helping them to feel comfortable and at ease in our presence. We make sure not to use technical jargon so the homeowner understands exactly what we are proposing to do. We know how difficult it is for many homeowners to seek help and to invite others into their homes. Our combined treatment of homeowner applicants creates a feeling of trust in our clients that we are not there to judge, only to help.*
- Choice and control – *Homeowners have control over when our visits to them are made, based on our schedule availability, what color paint they want for their home and choice of certain materials used in their repairs or accessibility modifications within our budgetary constraints. Clients are kept informed of all the stages in the repair process; from first contact with staff, delivery of supplies, and meeting of the volunteers.*
- Compassion- *Our small staff and diverse board are part of Rebuilding Together Washington County because we have passion for the work that we do, realizing that the very low and extremely low income homeowners we assist face hardships every day just trying to make ends meet.*



Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #134

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]

Submitted by Visitor (not verified)

Fri, 09/01/2023 - 3:36pm

172.56.153.84

### Agency Contact Information

**Agency Name**

Sexual Assault Resource Center (SARC)

**Address**

4900 SW Griffith Suite 135

**City**

Beaverton

**State**

Oregon

**Zip Code**

97005

**Contact Name**

Brandy Selover

**Contact Telephone Number**

503-626-9100

**Contact Email Address**

brandys@sarcoregon.org

### Agency Request Information

**Describe your agency's mission**

The Sexual Assault Resource Center (SARC) of Oregon is a nonprofit organization that was established in 1977 as a grass-roots movement to support people who experienced rape. SARC is now one (1) of only two (2) organizations in the state of Oregon that specializes in providing confidential advocacy and support for people impacted by sexual violence through the entire healing process. SARC provides direct advocacy and mental health services only within or for people with a Washington County.

SARC's mission is to promote social justice by eliminating sexual violence in our community through education, support, and advocacy.

**What is the request for?**

SARC is requesting funding for general operating costs associated with providing advocacy services to survivors of sexual assault and community education and outreach efforts to help support people who have experienced sexual violence and/or their families/support persons towards a holistic approach to prevention, response, and healing. Specifically, approximately 20 percent of our clients experience food and housing insecurity or houselessness. SARC utilized approximately \$40,000 in our total annual FY23 funding to support survivors experiencing housing insecurity to assist them to stay in their current homes or obtain new, safe housing. However, housing-specific funding through the state has ended at this time, and there is no indication that funding program will be renewed this year, leaving SARC clients with housing insecurity needs without this funding support. This funding from the City of Tualatin would go in part to support clients' housing and food insecurity, as well as basic needs of survivors, and fund a portion of staff salaries that provide direct advocacy services, education, and outreach and other general overhead expenses of the organization.

We understand that historically, the City of Tualatin has awarded SARC \$2,000, and we greatly appreciate this. We are requesting a total of \$4,500 this year to help bridge the gap that a loss of housing funding has created.

### **How does your request align with the City Council's 2030 Vision?**

SARC's funding request aligns with the City Council's 2030 Vision multiple ways:

1. SARC promotes social justice through a culturally responsive framework that places the lived experiences of historically marginalized communities and their accessibility of our services at a center of our work to effectively live into our mission of eliminating sexual violence.
2. A portion of this funding will go to support clients experiencing housing and/or food insecurity in connection with their sexual assault; and,
3. An overall focus on creating a supportive environment for people impacted by sexual violence so that they may heal and become resilient, and in working towards the longer vision of eliminating sexual violence in our communities through prevention programming among high school age youth to build healthy relationships for the future.

### **How many Tualatin residents will be served?**

In an effort to create culturally responsive accessibility to SARC services, we do not require clients to report where they live other than their self-disclosed connection with Washington County. However, Tualatin residents have been and will continue to be beneficiaries of all SARC's services as our primary service area is within Washington County. Oregon women and girls experience sexual violence at rates that far exceed the national average—over 1 million women and girls in Oregon—more than half of the state's female population—have experienced sexual violence (according to the Count Her In Report, Women's Foundation of Oregon)—one of the three highest rates in the nation. Nationally, 43.6% of women experience some form of sexual violence contact in their lifetime, and nearly 25% of men (NIPSVS). More than 30% of female rape victims experience their first sexual assault during adolescents, with 25% of males experiencing the assault between ages 11—17.

Estimating the number of Tualatin residents who experience sexual violence at rates comparable to the Oregon statewide average, SARC understands that service provision opportunity is approximately 5,500 residents (youth and adult) annually through the 24/7 Support & Resource Line and in-person crisis response advocacy alone. In addition, crisis response and case manager advocates collaborate with Tualatin law enforcement, health care providers, and other important responders and support staff involved in much of the process and journey of a survivor. Additionally, SARC's community outreach and education specialists reach an approximate 2,000 high school aged youth each year through education and prevention curriculum within Tigard-Tualatin School District.

**Who is your target demographic in Tualatin?**

SARC understands that sexual violence can happen to anyone, and the reality is that people from historically marginalized communities (e.g., women and girls, BIPOC, LGBTQ2IA+, people with disabilities, and youth) experience this form of violence at much higher rates. Therefore, it is a strategy of SARC to center programmatic approaches and accessibility of resources on the needs of those communities most impacted. Therefore, we engage in a strategic approach in that if our services and resources can effortlessly be accessed by folx who are often societally farthest from resources that support them to thrive, then we have lived into our mission.

SARC's target demographic in Tualatin are people who have experienced sexual violence and their support persons for our core advocacy, counseling, and other direct support services. Additionally, SARC seeks to provide community outreach, education, and prevention programming with high school age youth through our healthy relationships curriculum, Beyond Consent, focused on the prevention of sexual violence. SARC currently provides confidential advocate support to high schools within the TTSD high school network.

**Supporting Documentation****Submit your organizations budget information**

[final\\_city\\_of\\_tualatin\\_budget\\_2023-09-01.pdf](#) [2]

**Submit your board information**

[2023-08\\_list\\_of\\_board\\_members.pdf](#) [3]

**Submit a copy of your 501(c)(3)**

[2009\\_irs\\_nonprofit\\_determination\\_letter.pdf](#) [4]

**Other informational attachments**

[other\\_informational\\_attachments.pdf](#) [5]

**Final Spending Questionnaire (must be complete if received funding in prior grant cycle)****What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

SARC does not require clients to report where they live other than their self-disclosed connection with Washington County. However, Tualatin residents have been and will continue to be beneficiaries of all SARC's services as our primary service area is within Washington County including callers to the 24 Hour Support Line and receiving direct advocacy, as well as youth in high schools.

Based on the population of Tualatin and the target population that SARC serves within Washington County, we estimate that approximately 250 residents received services during the last grant award.

**Please describe how previous grant funds were used.**

Previous City of Tualatin grant funds were used to support the general operating expenses of the Sexual Assault Resource Center. These funds went to support general operational overhead costs, client emergency assistance and to fund portions of staff salaries.

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

The funds helped to support approximately an additional 500\* advocacy and/or community education services to survivors of sexual assault and/or community members with outreach and/or prevention engagement activities. \*On average, each SARC client receives two or more service types once they come into SARC for services.

**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84328>

#### Links

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]  
[https://www.tualatinoregon.gov/system/files/webform/final\\_city\\_of\\_tualatin\\_budget\\_2023-09-01.pdf](https://www.tualatinoregon.gov/system/files/webform/final_city_of_tualatin_budget_2023-09-01.pdf) [3]  
[https://www.tualatinoregon.gov/system/files/webform/2023-08\\_list\\_of\\_board\\_members.pdf](https://www.tualatinoregon.gov/system/files/webform/2023-08_list_of_board_members.pdf) [4]  
[https://www.tualatinoregon.gov/system/files/webform/2009\\_irs\\_nonprofit\\_determination\\_letter.pdf](https://www.tualatinoregon.gov/system/files/webform/2009_irs_nonprofit_determination_letter.pdf) [5]  
[https://www.tualatinoregon.gov/system/files/webform/other\\_informational\\_attachments.pdf](https://www.tualatinoregon.gov/system/files/webform/other_informational_attachments.pdf)

## Detailed Project Budget - September 2023



Overall Project Budget and Itemized Request for City of Tualatin in the provided columns below.

| Line item  | Project Budget  | City of Tualatin Itemized Request |
|--|-----------------|-----------------------------------|
| Salaries & Wages                                 | \$ 621,766.00   | \$ 2,500                          |
| Fringe Benefits & Taxes                          | \$ 132,519.00   | \$ 500                            |
| Office Supplies                                  | \$ 7,655.00     | \$ -                              |
| Advertising                                      | \$ -            | \$ -                              |
| Rent   | \$ 67,371.00    | \$ -                              |
| Other Overhead costs                             | \$ 248,940.00   | \$ -                              |
| Other-- Education & Outreach Materials; printing | \$ 2,000.00     | \$ 200                            |
| Other-- Crisis/Support Advocate on-call stipends | \$ 33,600.00    | \$ -                              |
| Other--Survivor emergency support                | \$ -            | \$ 1,300                          |
| Other--  | \$ -            | \$ -                              |
| Other--  | \$ -            | \$ -                              |
| TOTAL  | \$ 1,113,851.00 | \$ 4,500                          |



## **Board of Directors**

### **August 2023**

Katie Brokaw

Moda Health

Member since 2019; serves on Governance Committee; Board Secretary

Veronica Miller

Geffen Mesher, Manager, Client Accounting Services

Member since 2022; serves as Chair of Finance Committee; Board Treasurer

Carla Faye Crouch-Marcoff, MBA

Lovett, Inc; Director of Human Resources

Member since 2022 (returning from 2019); serves as Chair of Governance Committee; Board Chair

Chirag H. Patel

Senior Attorney, Clark Hill LLP

Member since 2023; serves as Chair of Fundraising & Development Committee; Member

## **Board Committee Members Who Are Not Voting Board Members**

Brandy Selover, MPH; Executive Director, SARC; Finance, Fundraising & Development, and Governance Committee

Robin Perkins, Geffen Mesher; Finance Committee member





IRS Department of the Treasury  
Internal Revenue Service

P.O. Box 2508  
Cincinnati OH 45201

In reply refer to: 0248221235  
Mar. 24, 2009 LTR 4168C E0  
93-0800739 000000 00 000  
00010709  
BODC: TE

SEXUAL ASSAULT RESOURCE CENTER  
4900 SW GRIFFITH DR STE 100  
BEAVERTON OR 97005-4649

Employer Identification Number: 93-0800739  
Person to Contact: April Howard  
Toll Free Telephone Number: 1-877-829-5500

Dear Taxpayer:

This is in response to your request of Mar. 13, 2009, regarding your tax-exempt status.

Our records indicate that a determination letter was issued in May 1991, that recognized you as exempt from Federal income tax, and discloses that you are currently exempt under section 501(c)(3) of the Internal Revenue Code.

Our records also indicate you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely yours,

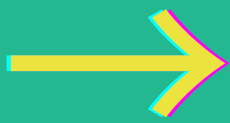
*Michele M. Sullivan*

Michele M. Sullivan, Oper. Mgr.  
Accounts Management Operations I

# BEYOND! CONSENT

## healthy teen relationships

SEXUAL ASSAULT RESOURCE CENTER- OREGON



"We understand that no significant social change movement has ever occurred without the leadership from young people, and most importantly the voices of youth at the center of the injustice."

-SEXUAL ASSAULT RESOURCE CENTER- OREGON



# The story behind SARC's **B!C-htr**



The Sexual Assault Resource Center of Oregon (SARC) was formed in 1977 as a rape crisis center devoted to providing caring and compassionate support and advocacy to people across Washington County, Oregon who experienced sexual assault.

Today, our mission is to promote social justice by eliminating sexual violence in our community through education, support, and advocacy.

We continue to provide 24/7 advocacy services, no-cost case management advocacy along with mental health and healing services, and we engage in education, prevention, and outreach with a focus on communities most impacted by sexual violence.

We understand that to truly impact the numbers of people impacted by this issue, we must get at the root cause of sexual violence- intersecting societal oppressions- by moving upstream to dismantle issues at the core. We help shift harmful social

norms and build healthy relationships and skills for future generations.

Over a decade ago, SARC developed a prevention curriculum for high school aged youth, and has continually updated the program to better prevent sexual violence. What started as simple awareness presentations have shifted to a multifaceted, comprehensive program aimed at shifting attitudes and beliefs that implicitly support the underpinnings of sexual violence, towards healthy skills, norms and beliefs that promote thriving relationships and communities, and contribute to the dismantling of gender-based violence and oppression.

# OUR VISION

WE BELIEVE A WORLD FREE FROM  
SEXUAL VIOLENCE IS POSSIBLE.

*"We envision a world where everyone has accessible resources, equitable systems, and the power, conditions, and opportunities to live as their true selves— free from violence."*

To realize this vision—SARC focuses on the mission of eliminating violence by including social justice and prevention approaches into all our programs and creating the opportunity for community-based partners to utilize those resources to further impact positive change through their own communities.

SARC recognizes the need to focus our work on the root causes of sexual violence— systemic and societal oppression.

Therefore, we center our strategies on the needs and experiences of historically marginalized communities so that all people can thrive.

We engage in primary prevention by intervening and educating before violence occurs. Our work also seeks to confront matters of social justice and provide a platform which empowers youth voices to create change through community engagement, shifting norms, and policy change, all to create a future free from sexual violence.







## THE CURRICULUM

Beyond!Consent- Healthy Teen Relationships (B!C-htr) by the Sexual Assault Resource Center of Oregon (SARC) is meant for schools and youth-centered programs serving high school age youth who aim to implement an individual- and relationship-level prevention curriculum within their environment to support health education, norms change, and prevent sexual violence in their community as part of a broader, comprehensive approach.

*Our research-informed curriculum is designed to address root causes of sexual violence in youth-serving communities by addressing risk and protective factors of perpetration.*

The flexible, multi-lesson curriculum promotes healthy relationships and sexuality with a focus on consent, equity, respect, trust, and safety. Participants engage in skill-building activities and pop-culture/media literacy examination that promotes both individual-level knowledge as well as bystander and interpersonal skills within youth circles to embed practice-based knowledge for social change.

Educators are experts in instruction, and already have strong relationships within the community in which they are looking to create change, but are simply seeking specialized and evidence-informed content to implement. Our goal is to support and empower educators to educate youth and inspire social change to prevent sexual violence.

## The Package

# B!C-htr





With this understanding, SARC provides your organization with a Train-the-Trainer educator model, on-going technical assistance, and on-going reviews, updates, and educational tools and resources:

**\$7,500 per 3-year cycle\* includes:**

- Full access and implementation of the evidence-informed, multi-lesson plan sexual assault prevention curriculum for educator-to-student in-class instruction. This curriculum includes topics on: Healthy Relationships, Communication, Gender & Sexuality, Sexual Violence, Oppression, Media, Sexually Explicit Media, Support & Response, Preventing Sexual Violence, Boundaries & Consent, Healthy Break-ups & Rejection
- Access to teach the semester-long nine-lesson plan strategy, or an abridged, three-lesson plan strategy as an introductory approach to healthy relationships.
- Two (2) Train-the-Trainer model workshops for up to two (2) educator participants each school year, facilitated by experts in sexual violence prevention and response from the Sexual Assault Resource Center's Community Education & Prevention Program.
- Expert technical assistance on sexual violence prevention, promising approaches, tools, resources, consultation, and youth-advocacy advising for educators teaching the curriculum.
- On-going, embedded efficacy evaluation content to measure student knowledge, skills, and attitudes change.
- Regular curriculum reviews and updates based on promising practices and evidence in sexual violence prevention.
- Periodic refresher updates to media literacy content and other supporting curriculum media to ensure relevancy of pop-culture materials, and more.

\*The three-year cycle begins with and is inclusive of the current school year in which the agreement between SARC and the school district/youth-centered organization is fully executed.

# The Package, cont'd.

# B!C-htr







4900 SW GRIFFITH DR, STE., 135,  
BEAVERTON, OR, 97005  
(503) 626-9100  
SARC@SARCOREGON.ORG

WWW.SARCOREGON.ORG

**No matter the circumstances, sexual violence is never the fault of the person who was harmed.**

Following a traumatic experience, someone may feel shock, disbelief, embarrassment, shame, anger, guilt, or nothing at all. Any reaction to trauma is natural and valid.

Decisions after sexual trauma are difficult. SARC wants you to know that you have options, and we are here to support you in whatever you choose.

If someone you know discloses they have experienced a sexual trauma:

- listen when they communicate, help them feel comfortable when expressing feelings
- respect the feelings, and choices they make
- believe their experience, do not judge
- support, never blame them

It is also important to understand and cope with your own emotions while supporting someone who has been harmed. At SARC, we also provide services to those supporting people who have been harmed.

## ADVOCACY AND COUNSELING SERVICES ARE CONFIDENTIAL AND NO COST

Visit us at our office, website, or call or email:

---

Sexual Assault Resource Center  
4900 SW Griffith Drive, Ste. 135  
Beaverton, OR 97005

office: 503.626.9100

email: [sarc@sarcoregon.org](mailto:sarc@sarcoregon.org)

website: [sarcoregon.org](http://sarcoregon.org)

---

## DONATE

Your tax-deductible contribution will support vital services for people impacted by sexual violence.

Make a one-time or monthly contribution at  
[sarcoregon.org/donate](http://sarcoregon.org/donate).



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[sarcoregon.org](http://sarcoregon.org)



"Our mission is to promote social justice by eliminating sexual violence in our community through education, support, and advocacy."

Founded in 1977, SARC operates as a non-profit and core advocacy service for people impacted by sexual violence in Washington County. SARC embraces trauma-informed practice, racial and social justice, and accessibility as guiding values.

SARC recognizes that sexual violence can and does happen to anyone. And, members of historically marginalized communities are impacted by sexual violence at much higher rates, and are more likely to experience barriers to accessing services and seeking justice.

SARC strives to be culturally responsive and intentional in our efforts to support communities disproportionately impacted by sexual violence.

We also understand that identities are intersectional and oppressions are interlinked. In order to more fully serve those who have experienced trauma, and to eliminate sexual violence, SARC recognizes that we must also work to address, challenge, and resist other forms of violence and oppression.

THE  
MOVEMENT  
TO END SEXUAL  
VIOLENCE  
MUST INCLUDE  
ALL OF US.

## LEARN MORE

SARC offers community education and specialized workshops on topics including:

- dynamics of sexual violence
- responding to disclosures of violence
- systems of oppression
- trauma & trauma-informed care
- sexual harassment
- and more

Contact [sarc@sarcoregon.org](mailto:sarc@sarcoregon.org) for fees and availability.

## GET INVOLVED

- Volunteers are core to SARC's work. Visit [sarcoregon.org](http://sarcoregon.org), or email to get involved.
- Fundraise, or organize an event to benefit SARC's mission.
- Follow us on social media, or sign up for our newsletter at [sarcoregon.org](http://sarcoregon.org).



## SERVICES

Advocacy and counseling services are offered to people ages 15 and older - at no cost. Most services are available in English and Spanish, or utilize interpretation services for language accessibility.

We strive to be accessible for all. If additional access to services is needed, please contact 503-626-9100, or [sarc@sarcoregon.org](mailto:sarc@sarcoregon.org).

### Support Line

Advocates provide 24-hour anonymous and confidential information and support to anyone impacted by sexual violence. 503-640-5311.

### In-Person Crisis Response

Confidential advocates provide direct support to those impacted by sexual violence at response sites including hospitals, schools, clinics, police agencies, youth centers, and the Family Justice Center of Washington County.

### Case Management

Advocate case managers provide on-going and confidential emotional support, resources, referrals, criminal & civil case support, and safety planning.

### Trauma Counseling & Groups

Mental health counselors in the Alder Program provide individual and group therapy for people impacted by sexual violence, including family and friends.

### Community Education & Prevention

Advocates and educators address the root causes of sexual violence through trainings and outreach for adults and youth, including local high schools.

# Center for YouthPower

A colorful illustration of five diverse young people. In the background, a person with dark skin and curly hair wears a blue shirt and a headband with a blue flower. To their right, a person with light skin and brown hair wears a green shirt and a headband with a pink flower. In the foreground, a person with light skin and blonde hair wears a purple shirt. To the right, a person with light skin and brown hair wears a pink shirt and a white hat. The background is white with faint, stylized outlines of the people.

a project of the SEXUAL ASSAULT RESOURCE CENTER- OREGON

YouthPower is a lit & iconic force, led by BIPOC, LGBTQ2IA+, and other influential young people, ages 14-18. They're all about crushing oppression at its core, especially when it comes to shutting down sexual violence. This force is determined to take down toxic beliefs, behaviors, policies, and practices and create a community free of sexual violence.

## **INTERESTED?** **REGISTER TO ATTEND THIS FREE** **THREE-PART WORKSHOP:**

Build knowledge, strengths, and skills to help you have critical conversations about the root causes of violence and how to shift harmful norms in your communities to prevent sexual violence from ever happening again.

During this FREE interactive workshop, participants will:

- Build knowledge about the root cause of sexual violence,
- Develop skills for successfully having challenging conversations about oppression and harmful norms within peer groups,
- Participate in interactive peer-led, youth-developed projects that address the root causes of sexual violence.

### **WHEN:**

**Saturdays, September 2nd, 9th, & 16th, 2023**  
**10am-3pm**

### **WHERE:**

**SARC-Oregon**  
**4900 SW Griffith Dr., Ste. 135**  
**Beaverton, OR 97005**

**Food provided & transportation assistance available**

**REGISTER BY FRIDAY, AUGUST 25, 2023**

**SARCOREGON.ORG**

# Center for YouthPower

a project of the SEXUAL ASSAULT RESOURCE CENTER- OREGON



[SARCOREGON.ORG](http://SARCOREGON.ORG)

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #118

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Fri, 08/11/2023 - 3:48pm  
136.226.56.168

### Agency Contact Information

**Agency Name**

The Foundation for Tigard Tualatin Schools

**Address**

6960 SW Sandburg St

**City**

Tigard

**State**

Oregon

**Zip Code**

97223

**Contact Name**

Kate Manelis

**Contact Telephone Number**

503-789-9057

**Contact Email Address**

president@the-ftts.org

### Agency Request Information

**Describe your agency's mission**

The Foundation for Tigard Tualatin Schools (FTTS) supports and advocates for all schools in our district through fundraising, creating learning opportunities, and building partnerships with the community. FTTS administers several programs including school grants, scholarships, innovative teaching grants, and Packed with Pride.

**What is the request for?**

This request of \$5,000 is specifically for Packed with Pride (PWP), which is a food bank serving the families of the Tigard-Tualatin School District, as well as a small percentage of community members. PWP was quickly established in March, 2020, when COVID-19 caused schools to abruptly close down. PWP's goal was to substitute for the weekend backpack programs operated by some elementary schools' volunteer teams, and the daily breakfast and lunch service from the school district. PWP also addressed the dramatic increase in demand for food



support due to businesses temporarily or permanently closing during the pandemic. PWP has been consistently operating for the past 3+ years with no decrease in demand, even as schools have reopened. We were fortunate to receive an ARPA grant in 2021, however this funding will be depleted by the end of the calendar year. Finally, TTSD has provided a subsidy for staff salaries and equipment since the inception of PWP, but this funding ended on June 30, 2023, due to district-wide budget cuts.

This funding request of \$5,000 would go towards purchasing food for PWP. While we receive a significant amount of food product donations from local community partners, PWP does have to purchase many food items in order to fill in gaps. This is especially true this year as the amount of product we have received from the Oregon Food Bank has decreased.

### **How does your request align with the City Council's 2030 Vision?**

Packed with Pride is committed to engaging our diverse community and historically underrepresented/excluded residents. PWP employs two bilingual staff members, recruits bilingual volunteers, and makes printed materials available in multiple languages. Additionally, a hallmark of PWP food boxes is the inclusion of culturally-specific items such as halal and vegetarian foods. PWP supports the economic wellbeing of Tualatin residents by helping our families reduce their need to spend precious dollars on food, so they can use those funds to ensure they have access to housing, transportation, and other needs.

### **How many Tualatin residents will be served?**

Currently, Packed with Pride serves approximately 365 families in the Tigard-Tualatin school district. Of those, roughly 100 families reside in Tualatin.

### **Who is your target demographic in Tualatin?**

We will continue to serve families with students who attend schools located in Tualatin (Bridgeport Elementary, Tualatin Elementary, Byrom Elementary, Hazelbrook Middle School, and Tualatin High School), as identified by their school's Family Partnership Advocate.

## **Supporting Documentation**

### **Submit your organizations budget information**

[2022-23\\_packed\\_with\\_pride\\_budget.pdf](#) <sup>[2]</sup>

### **Submit your board information**

[ftts\\_board\\_members\\_23-24\\_1.pdf](#) <sup>[3]</sup>

### **Submit a copy of your 501(c)(3)**

[ftts\\_501c3.pdf](#) <sup>[4]</sup>

### **Other informational attachments**

## **Final Spending Questionnaire (must be complete if received funding in prior grant cycle)**

**What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

**Please describe how previous grant funds were used.**

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

## 2022-23 PACKED WITH PRIDE BUDGET

|                                  |                  |
|----------------------------------|------------------|
| Donations                        | \$132,000        |
| TTSD - Payroll Support           | \$150,000        |
| ARPA Grant                       |                  |
| Food, Supplies, Truck            |                  |
| Rental, Part-time Staff          | \$150,000        |
| Silvey Family Grant              | \$ 18,000        |
| Starbucks Grant                  | \$ 2,100         |
| King City Women's Golf Club      | \$ 3,100         |
| Senet Games Bingo Fundraiser     | \$ 2,200         |
| OFB Food Stabilization Grant     | \$ 5,000         |
| WA County/Community Action Grant |                  |
| Food & Equipment                 | <u>\$ 38,240</u> |
| Total Income                     | \$500,640        |

The Foundation for Tigard Tualatin Schools  
Board Members & Staff  
2023-2024

Kate Manelis, President

Andrea Johnson, Vice-President

Rachael Garrison, Secretary

Joleine Sigler, Treasurer

Matt Hughart, Board Member

Tonia Banks, Board Member

Margie Greene, Executive Director

Nicole White, Office Manager

Tamiko Murman, Marketing Director

Julie Flint, Bookkeeper

# Foundation for Tigard Tualatin Schools

EIN: 94-3148515 | Tigard, Oregon, United States

## Publication 78 Data

Organizations eligible to receive tax-deductible charitable contributions. Users may rely on this list in determining deductibility of their contributions.

**On Publication 78 Data List:** Yes

**Deductibility Code:** PC [?](#)

## Copies of Returns (990, 990-EZ, 990-PF, 990-T)

Electronic copies (images) of Forms 990, 990-EZ, 990-PF or 990-T returns filed with the IRS by charities and non-profits.

 **Tax Year 2019 Form 990**

 **Tax Year 2018 Form 990**

 **Tax Year 2017 Form 990**

 **Tax Year 2016 Form 990**

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #125

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]

Submitted by Visitor (not verified)

Tue, 08/29/2023 - 2:50pm

66.154.213.226

### Agency Contact Information

**Agency Name**

Tigard-Tualatin Family Resource Center

**Address**

9550 SW Murdock Street

**City**

Tigard

**State**

OR

**Zip Code**

97224

**Contact Name**

Colleen Nakanishi

**Contact Telephone Number**

5036031588

**Contact Email Address**

cnakanishi@ttsd.k12.or.us

### Agency Request Information

**Describe your agency's mission**

The Tigard-Tualatin Family Resource Center (FRC) is a district center that works in partnership with Tigard-Tualatin School District (TTSD) staff to provide social services and resource connections to students, families, and the local community. TTFRC supports all children ages 0–18 in the Tigard-Tualatin School District by helping families to meet their basic needs and by working to eliminate non-education-related barriers to student success.

**What is the request for?**

\$7,000

10.2% of Tualatin residents live below the poverty line (a family income of \$30,000 for a family of four). Many more are above poverty level but still struggling due to housing costs; the increasing costs of utilities, groceries, gas and other needs; and/or emergencies such as job loss, medical

expenses, or loss of housing.

The Family Resource Center is the hub of the basic needs infrastructure in the Tigard-Tualatin School District, serving all families with children ages birth through high school graduation living within the district. The FRC serves as a lifeline for vulnerable families and students, offering them access to essential services that support their well-being, stability, and success for the future. By addressing the diverse range of needs within our community, we help families get back on their feet, empower them to advocate for themselves, and teach about all of the resources the community has to offer. The City of Tualatin's funds will directly contribute to the positive transformation of lives by ensuring that students and families have housing, food stability, heat, electricity, food, and necessary transportation, and other basic needs to ensure family stability and children's well-being and success.

The FRC is able to reach students across the Tualatin area through a network of Family Partnership Advocates at each school. The Family Partnership Advocates and the FRC staff members, along with our district Homeless Liaison, and other community partners work together to identify families and students in need and connect them with the appropriate resources.

The Family Resource Center connects families with resources across the Tualatin area and in Washington County and coordinates with resource providers to ensure that families' needs are met. Based on family circumstances, the FRC also directly provides basic needs assistance. Funds from the Tualatin City Grant will be used to directly support families struggling with housing, food, and other basic needs.

The Family Resource Center connects families with resources across the Tualatin area and in Washington County and coordinates with resource providers to ensure that families' needs are met. Based on family circumstances, the FRC also directly provides basic needs assistance. Funds from the Tualatin City Grant will be used to directly support families struggling with housing, food, and other basic needs.

The FRC aims to help families to stay housed, or, if the family does not have permanent housing, to obtain housing and needed household items as soon as possible. There is often a 6 week or longer wait to get into a shelter and to other programs that provide rental and utility assistance. In some circumstances, the Family Resource Center has been able to provide direct rent or utility assistance as a result of grants and donations to enable the family to stay in their home or to transition from a shelter into housing sooner.

For families transitioning into housing, the FRC is able to pay the access fee to the Community Warehouse in Tualatin where they are able to get furniture, bedding, kitchenware and other household goods. This program is especially valued by the families we serve who have moved out of shelters; been evicted and lost their storage spaces due to lack of payment; left domestic violence situations and had to start over; and/or simply those who cannot afford furniture and may have been sleeping on the floor for months.

The FRC also provides emergency food assistance through Winco gift cards or direct food boxes. For example, a number of Tigard-Tualatin School District families have ended up needing to stay in motels this past school year. These families have let center staff know that it's hard to find food in local pantries that is easy to cook or prepare from a motel room. Funds from grants and donations have helped center staff to purchase motel-friendly foods to have ready for these situations.

Funds from grants and donations also support transportation assistance for families including gas cards and bus tickets for medical appointments, job interviews and other needs. As an example, a pregnant mother was missing her prenatal appointments due to lack of money for



gas. The FRC was able to provide a gas gift card, enabling her to obtain medical care.

Grant funds also enable the FRC to provide much needed health assistance for families. For instance, parents without health insurance have received assistance with eye exams and glasses. Families with chronic lice have received help with the cost of treatment. A mounting clamp (not covered by health insurance) was purchased to attach a communication device to the power wheel chair of a student who needed it to communicate. The FRC has also assisted with initial counseling copays for students dealing with trauma.

Other donation-supported services and provisions provided by the FRC include items for babies and young children (diapers, baby seats, formula), blankets and sleeping bags; hygiene products; scholarships to support after school or summer activities for children who have few such opportunities; and other assistance based on individualized family needs.

**How does your request align with the City Council's 2030 Vision?**

The FRC supports Tualatin's vision of

- An inclusive community that promotes equity, diversity, and access in creating a meaningful quality of life for everyone.
- A connected, informed, and civically engaged community that embraces our City's diversity
- Safe, desirable, welcoming, and sustainable neighborhoods with housing that is available for all.

The FRC supports this vision by helping to meet the basic needs to Tualatin children and families in order to support housing, food, health, safety, and community belonging.

**How many Tualatin residents will be served?**

An estimated 700+ residents from Tualatin will be served.

**Who is your target demographic in Tualatin?**

Families served by the FRC may be low-income, at risk of losing housing or basic utilities, in need of transitional or permanent housing, experiencing a crisis such as domestic violence, newly arrived immigrants or refugees, or experiencing a need due to any number of unexpected life circumstances.

**Supporting Documentation****Submit your organizations budget information**

[frc\\_budget\\_for\\_city\\_of\\_tualatin\\_grant\\_2023.pdf](#) [2]

**Submit your board information**

[tigard\\_tualatin\\_school\\_district\\_acfer\\_2022\\_board.pdf](#) [3]

**Submit a copy of your 501(c)(3)**

[tax\\_exemption\\_letter\\_2020.pdf](#) [4]

**Other informational attachments****Final Spending Questionnaire (must be complete if received funding in prior grant cycle)**

**What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

With \$5,000 last year, the following services were provided for Tualatin families (estimated based on district-wide numbers). Many families received more than one service.

Housing and shelter related, including utilities—109

Furnishings/needed household items—118

Food assistance—211

Transportation—69

Domestic violence support—7

Medical—64

Mental health support—15

Other—267

**Please describe how previous grant funds were used.**

Grant funds were used to help families stay in their homes, pay for basic utilities, and purchase food, gas and other needed items. Funds also provided direct help to families needing food, emergency items such as diapers, sleeping bags and food boxes, help with transportation and health care, for children to access community activities, and other assistance based on individual family needs.

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

Grant funds enabled the FRC to help meet the basic needs of Tualatin families for housing, utilities, food, transitional assistance, transportation and other needs to support the health, well-being and success of Tualatin's children and families.

**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84282>

**Links**

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]

[https://www.tualatinoregon.gov/system/files/webform/frc\\_budget\\_for\\_city\\_of\\_tualatin\\_grant\\_2023.pdf](https://www.tualatinoregon.gov/system/files/webform/frc_budget_for_city_of_tualatin_grant_2023.pdf) [3]

[https://www.tualatinoregon.gov/system/files/webform/tigard\\_tualatin\\_school\\_district\\_acfer\\_2022\\_board.pdf](https://www.tualatinoregon.gov/system/files/webform/tigard_tualatin_school_district_acfer_2022_board.pdf) [4]

[https://www.tualatinoregon.gov/system/files/webform/tax\\_exemption\\_letter\\_2020.pdf](https://www.tualatinoregon.gov/system/files/webform/tax_exemption_letter_2020.pdf)

### Tigard-Tualatin Family Resource Center Budget 2023-24

|   |                     |
|---|---------------------|
|   |                     |
| <b>REVENUE</b>  |                     |
| Staff salaries: 1.0 Family Resource Center Manager (\$67,500), 1.0 Family Partnership Advocate (\$36,900), .5 Family Partnership Advocate (\$21,500), 1.0 Culturally Responsive Liaison (\$38,700), all funded by Tigard-Tualatin School District. 1.0 Culturally Responsive Liaison/Early Learning Resource Coordinator (\$50,100) funded by Early Learning Washington County. | \$214,700.00        |
| Staff benefits: 1.0 Family Resource Center Manager (\$52,400), 1.0 Family Partnership Advocate (\$39,793), .5 Family Partnership Advocate (\$21,200), 1.0 Culturally Responsive Liaison (\$40,535), all funded by Tigard-Tualatin School District. 1.0 Culturally Responsive Liaison/Early Learning Resource Coordinator (\$45,225) funded by Early Learning Washington County. | \$199,153.00        |
| Tigard-Tualatin School District in-kind support estimated (space, custodial, administrative, communications, technical)   | \$51,281.00         |
| Community in-kind estimated (clothing, toys, baby items, miscellaneous donations)   | \$15,000.00         |
| Grants and donations for assistance to families to meet basic needs estimated   | \$35,000.00         |
| <b>Total Revenue</b>  | <b>\$515,134.00</b> |
|   |                     |
| <b>EXPENSES</b>   |                     |
| Staff salaries  | \$214,700.00        |
| Staff benefits  | \$199,153.00        |
| Space, custodial, administrative, communications, technical   | \$51,281.00         |
| Community in-kind items distributed to families   | \$15,000.00         |
| Assistance to families to meet basic needs including housing, rent and utility assistance; transitional housing/emergency support including access to Tualatin Community Warehouse; transportation; access to health and mental health care; needed items such as diapers, formula, car seats; other needs  | \$35,000.00         |
| <b>Total Expenses</b>   | <b>\$515,134.00</b> |

Tigard-Tualatin School District 23J  
List of Elected and Appointed Officials

Elected Officials as of June 30, 2022

| <u>Name</u>                 | <u>Term Expires</u> |
|-----------------------------|---------------------|
| Ben Bowman, Board Chair Dr. | June 30, 2023       |
| Marvin Lynn, Vice Chair     | June 30, 2025       |
| David Jaimes                | June 30, 2025       |
| Jill Zurschmeide            | June 30, 2023       |
| Tristan Irvin               | June 30, 2025       |

Appointed Officials

Susan R. Rieke-Smith, Ed.D., Superintendent/Clerk  
David C. Moore, Chief Financial Officer/Deputy Clerk  
Miller Nash, Legal Counsel  
Hawkins, Delafield & Wood, Bond Counsel



Tigard - Tualatin School District 23J  
Larry Hibbard Administration Center  
6960 SW Sandburg Street  
Tigard, Oregon 97223  
503-431-4000; FAX: 503-431-4047  
[www.ttsdschools.org](http://www.ttsdschools.org)

November 23, 2020

RE: Tax exemption status for Tigard-Tualatin School District 23J and each of its schools

Tigard-Tualatin School District 23J and its schools is a political subdivision of the State of Oregon. As such, it is a "governmental unit" as defined in Sections 170(b)(1)(A)(v) and 170(c)(1) of the Internal Revenue Code of 1986, as amended ("IRC"), and is not a private foundation by virtue of IRC Section 509(a)(1).

Governmental units are not required to have a tax exemption determination letter under IRC Section 501(c)(3), but are automatically tax exempt under IRC Section 115. Therefore, this letter is furnished to you in lieu of a federal tax exemption determination letter.

The Taxpayer Identification Number for Tigard-Tualatin School District 23J is 93-0572833.

Sincerely,

David C. Moore  
Chief Financial Officer  
Tigard-Tualatin School District 23J

Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #131

### Submission information

Form: [Outside Agency Funding Request Form](#) [1]  
Submitted by Visitor (not verified)  
Fri, 09/01/2023 - 12:15pm  
24.116.174.197

### Agency Contact Information

**Agency Name**

Tualatin Food Pantry

**Address**

PO Box 248

**City**

Tualatin

**State**

Oregon

**Zip Code**

97062

**Contact Name**

Danielle Schneider

**Contact Telephone Number**

503-504-4511

**Contact Email Address**

danielle@schoolhousepantry.org

### Agency Request Information

**Describe your agency's mission**

The mission of Tualatin Food Pantry is to provide emergency food to households in a welcoming environment. As a part of the Oregon Food Bank (OFB), we also share in their mission to eliminate hunger and its root causes because we believe that no one should go hungry. TFP serves residents of Tualatin (97062), Durham (Durham area only of 97224), Lake Oswego (97034 and 97035), West Linn (97068) and Wilsonville (97070). We operate with a paid staff of 1.25 FTE and volunteers who contribute nearly 10,000 hours of service annually.

**What is the request for?**

\$5,000 to respond to food insecurity amount Tualatin residents.

We are one of the few pantries that provides frozen meat, eggs, milk, and margarine on a regular basis. While



we try to secure as much food as possible for free, it is simply not possible to meet the demand in our community with free food only. We receive free food in three ways:

1. Community food drives - generally non-perishable items
2. Grocery Store donations –mix of perishable and non-perishable items but generally limited quantity of any one item.
3. Oregon Food Bank – We receive weekly delivery from OFB of perishable and non-perishable items. This is where we get most of the produce that we offer in Pantry.

In order to supplement the free food that we receive we also purchase food. We purchase food from three main sources:

1. Oregon Food Bank – While some items are provided for free, we must pay for other items. This generally includes things like canned fruit, milk, eggs, and meats.
2. Sysco – We order milk, eggs, and margarine weekly from Sysco. We typically order enough to receive a small discount. We also purchase toilet paper in bulk through Sysco.
3. Grocery Stores – When necessary, we will also purchase items from local grocery stores. This typically includes milk, eggs, and cold cereal.

Due to the large number of clients we are serving, our food purchase having been a minimum of \$1,000 per week. A \$5,000 grant from the City of Tualatin would cover our food purchases for approximately five weeks.

### **How does your request align with the City Council's 2030 Vision?**

TFP helps the City of Tualatin create an inclusive community and thriving economy. Through our work we help community members be able to improve their quality of life, by being a reliable source of food and nutrition for households that are experiencing food insecurity. Serving the community 13 hours per week, clients know that they can count on us to be open and have food on the shelves.

### **How many Tualatin residents will be served?**

We anticipate serving more than 30,000 clients in 2023. Approximately 45% of our clients reside in Tualatin. We are anticipating serving 13,500 individuals who reside in Tualatin.

### **Who is your target demographic in Tualatin?**

We provide services to Tualatin residents facing food insecurity. Clients seeking food assistance include unhoused individuals, families fleeing domestic violence, those living on limited incomes such as disability income, individuals who are unemployed, and those who are employed but unable to afford to purchase food especially as the cost of goods continue to rise.

As of 2020, the Oregon Food Bank reported that 1 in 8 individuals access food banks in Oregon. This represents 260,000 people per month. 72% of those accessing services live below the federal poverty line; 38% are employed full- or part-time. We also know that hunger has an enormous impact on health. Individuals accessing food pantry services suffer from diseases at rates higher than the general public and 48% of households receiving services have one or more members with high blood pressure.

Hunger in our community is a symptom of other barriers, such as access to living wage jobs, housing, and adequate health care.

## Supporting Documentation

### Submit your organizations budget information

[tfp\\_2023\\_budget.pdf](#) [2]

### Submit your board information

[tfp\\_board\\_of\\_directors.pdf](#) [3]

### Submit a copy of your 501(c)(3)

[tfp\\_501c3\\_certification.pdf](#) [4]

### Other informational attachments

[tfp\\_2022\\_annual\\_report.pdf](#) [5]

## Final Spending Questionnaire (must be complete if received funding in prior grant cycle)

### What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?

Food boxes were provided, free of charge, to more than 11,400 residents of Tualatin (3,400 households).

### Please describe how previous grant funds were used.

Funds from the City of Tualatin were used to purchase milk, eggs, maragine, and cereal from vendors. Funds were also used to purchase canned goods and meat from the Oregon Food Bank.

### How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?

In 2022 we expericed 95% growth in the number of clients served. Funds from the City of Tualatin were critical in helping us meet the demanding the community.

**Source URL:** <https://www.tualatinoregon.gov/node/13520/submission/84323>

### Links

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]

[https://www.tualatinoregon.gov/system/files/webform/tfp\\_2023\\_budget.pdf](https://www.tualatinoregon.gov/system/files/webform/tfp_2023_budget.pdf) [3]

[https://www.tualatinoregon.gov/system/files/webform/tfp\\_board\\_of\\_directors.pdf](https://www.tualatinoregon.gov/system/files/webform/tfp_board_of_directors.pdf) [4]

[https://www.tualatinoregon.gov/system/files/webform/tfp\\_501c3\\_certification.pdf](https://www.tualatinoregon.gov/system/files/webform/tfp_501c3_certification.pdf) [5]

[https://www.tualatinoregon.gov/system/files/webform/tfp\\_2022\\_annual\\_report.pdf](https://www.tualatinoregon.gov/system/files/webform/tfp_2022_annual_report.pdf)

| 2023 TFP Budget                             |                     |
|---|---------------------|
|   | 2023                |
|   | BUDGET              |
| <b>Revenue</b>                              |                     |
| <b>40 Contributed support</b>               | \$205,000.00        |
| <b>42 Grant Income</b>                      | \$75,000.00         |
| <b>Total Revenue</b>                        | <b>\$280,000.00</b> |
|   |                     |
| <b>Expenditures</b>                         |                     |
| <b>7200 Salaries &amp; related expenses</b> | \$117,607.50        |
| <b>8000 Food and Services for clients</b>   | \$95,158.80         |
| <b>8100 Operating expense</b>               | \$16,000.00         |
| <b>8150 Admin Expense</b>                   | \$25,000.00         |
| <b>8200 Occupancy expenses</b>              | \$11,000.00         |
| <b>8800 Other Expense</b>                   | \$11,500.00         |
| <b>Total Expenditures</b>                   | <b>\$276,266.30</b> |
| <b>Net Operating Revenue</b>                | <b>\$3,733.70</b>   |

Tualatin Food Pantry  
Board of Directors

| <b>Name</b>      | <b>Company</b>                  |
|------------------|---------------------------------|
| Donna Capodacqua | Chrysalis Partners, LCC         |
| Faith Carter     | Retired, Community Leader       |
| Mary Goldsher    | Retired, Community Leader       |
| Lisa Newbore     | Multnomah University            |
| Chris Lu         | Portland General Electric       |
| Katie McKenzie   | CUI Devices                     |
| Mike Shiffer     | Retired, Community Leader       |
| Ana Uriostegui   | Tigard-Tualatin School District |
| Jeff Wahl        | CUI Devices                     |

INTERNAL REVENUE SERVICE  
P. O. BOX 2508  
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: SEP 16 2008

TUALATIN SCHOOL HOUSE PANTRY  
PO BOX 248  
TUALATIN, OR 97062

Employer Identification Number:  
20-2253741

DLN:  
17053210335008

Contact Person:  
RENEE RAILY NORTON ID# 31172

Contact Telephone Number:  
(877) 829-5500

Accounting Period Ending:  
December 31

Public Charity Status:  
170(b)(1)(A)(vi)

Form 990 Required:  
Yes

Effective Date of Exemption:  
October 31, 2007

Contribution Deductibility:  
Yes

Addendum Applies:  
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 947 (DO/CG)

# TFP 2022 YEAR IN REVIEW

Providing emergency food boxes in  
a welcoming environment.



**9,822.5**  
Volunteer hours



**655**  
Client service hours



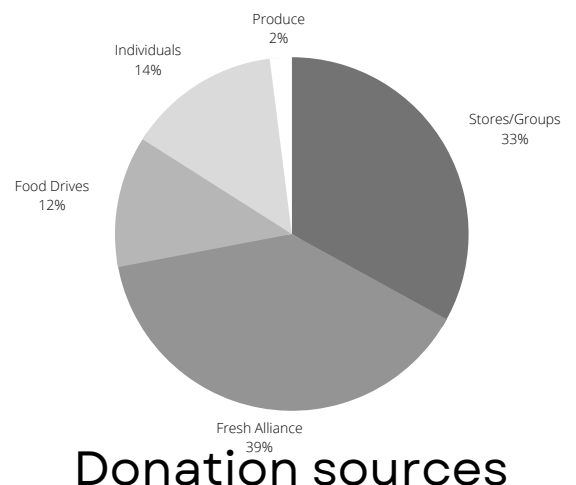
**8,195**  
Households served



**27,278**  
Individuals served



**326,650.9**  
Pounds of food  
donated





Published on *The City of Tualatin Oregon Official Website* (<https://www.tualatinoregon.gov>)

[Home](#) > [Outside Agency Funding Request Form](#) > [Webform results](#) > Submission #117

### Submission information

Form: [Outside Agency Funding Request Form](#) <sup>[1]</sup>

Submitted by Visitor (not verified)

Thu, 08/10/2023 - 5:51pm

76.144.229.187

### Agency Contact Information

**Agency Name**

With Love Oregon

**Address**

8820 SW Amicus Ter

**City**

Beaverton

**State**

Oregon

**Zip Code**

97224

**Contact Name**

Adriane Driscoll

**Contact Telephone Number**

503-739-3858

**Contact Email Address**

adriane@withloveoregon.org

### Agency Request Information

**Describe your agency's mission**

With Love's mission is to help resource families support children ages 0 - 6 by providing essentials that nurture dignity, hope, and community. We assist the foster community via two main programs: tangible goods and resource family-centric events. These services make it easier for families to say "yes" to foster care by reducing stress, supplying children with their most basic needs setting them up for success in their new home, and building a community for both parent and child.

**What is the request for?**

Funding Request is for \$2,500

With Love would utilize Tualatin grant funds to support our family events in 2024. Our outreach and retention events are free resource family-centric events throughout the year to cultivate community, support, inclusivity, and family fun.

Our events include

DEI education: Curls & Coils Classes focus on supporting the basic hair care education of resource parents caring for children with curly, coiled hair.

Seasonal events such as a day at the pumpkin patch (complete with sensory-inclusive hours), back-to-school, and our annual Season of Giving holiday support.

Craft kits provided throughout the year for families

### **How does your request align with the City Council's 2030 Vision?**

With Love's services align with the City Council's goal to promote an inclusive community.

Resource families come in all shapes and sizes. With Love believes that all deserve equal access to our services. Regardless of socioeconomic status, race, gender, ethnicity, or religious beliefs, With Love has open arms.

We pay careful attention to the types of items we provide to families, offer culturally responsive programs, and we actively seek opportunities to grow our DEI learnings and actions. We encourage families to share the needs of their ethnically diverse children so that we can provide goods personally catered to them. Specialty hair care items, books, and toys are a few examples.

We also offer items to support a whole range of developmental needs. Every family requesting items for us also receives our DEI Book of the Quarter - a picture book that provides uplifting messages about children of various races and abilities. Foster parent surveys help us cater our programs to the specific needs of our community.

### **How many Tualatin residents will be served?**

The home addresses of children in foster care are confidential, so we don't know exactly how many Tualatin children are being served in other places. We supplied ten direct tangible goods requests in Tualatin last year and six so far this year. We also support Tualatin families through events but only collect that data by county. Around 17% of our clients reside in Washington County. We provide approximately 2500 service points to children in foster care each year.

### **Who is your target demographic in Tualatin?**

Our community consists of children ages 0 - 6 impacted by foster care and their care providers. This includes children currently in foster care or adopted out of foster care. Most of our clients reside in the Portland-Metro region, but resource families from all over Oregon and SW Washington also receive our services.

## **Supporting Documentation**

### **Submit your organizations budget information**

[budget\\_overview\\_2023\\_board\\_approved\\_budget\\_-\\_fy23\\_pl\\_1.pdf](#) <sup>[2]</sup>

### **Submit your board information**

[board\\_2023\\_bios.docx\\_1.pdf](#) <sup>[3]</sup>

### **Submit a copy of your 501(c)(3)**

[irs\\_info.pdf](#) <sup>[4]</sup>

### **Other informational attachments**

## **Final Spending Questionnaire (must be complete if received funding in prior grant cycle)**

**What value did the grant award provide to the community of Tualatin? (i.e. 10 Tualatin residents received X services for free)?**

**Please describe how previous grant funds were used.**

**How did the funds help the purpose of your organization (i.e. brought a new event, activity, or service)?**

**Source URL:**<https://www.tualatinoregon.gov/node/13520/submission/84129>

#### **Links**

[1] <https://www.tualatinoregon.gov/administration/webforms/outside-agency-funding-request-form> [2]

[https://www.tualatinoregon.gov/system/files/webform/budget\\_overview\\_2023\\_board\\_approved\\_budget\\_-\\_fy23\\_pl\\_1.pdf](https://www.tualatinoregon.gov/system/files/webform/budget_overview_2023_board_approved_budget_-_fy23_pl_1.pdf) [3]

[https://www.tualatinoregon.gov/system/files/webform/board\\_2023\\_bios.docx\\_1.pdf](https://www.tualatinoregon.gov/system/files/webform/board_2023_bios.docx_1.pdf) [4]

[https://www.tualatinoregon.gov/system/files/webform/irs\\_info.pdf](https://www.tualatinoregon.gov/system/files/webform/irs_info.pdf)

# With Love Oregon, Inc.

## Budget Overview: 2023 Board Approved Budget - FY23 P&L

January - December 2023

|   | TOTAL                 |
|---|-----------------------|
| Revenue   |                       |
| 4000 Non-Profit Revenue                             |                       |
| 4001 Individual Donations                           | 575,000.00            |
| 4002 Corporate Donations                            | 172,500.00            |
| 4003 Foundation/Grant                               | 120,000.00            |
| 4004 Government Grant                               | 100,000.00            |
| <b>Total 4000 Non-Profit Revenue</b>                | <b>967,500.00</b>     |
| <b>Total Revenue</b>                                | <b>\$967,500.00</b>   |
| GROSS PROFIT  | <b>\$967,500.00</b>   |
| Expenditures  |                       |
| 6100 Rent & Lease                                   | 92,970.00             |
| 6150 Utilities                                      | 22,755.00             |
| 6200 Salaries and wages                             | 565,273.00            |
| 6203 Cell Phone                                     | 1,800.00              |
| 6204 Benefits                                       | 18,000.00             |
| <b>Total 6200 Salaries and wages</b>                | <b>585,073.00</b>     |
| 6300 Insurance                                      | 19,500.00             |
| 6310 Office Supplies                                | 5,000.00              |
| 6320 Bank Charges & Fees                            | 150.00                |
| 6327 Gas And Fuel                                   | 800.00                |
| 6330 Donation Fees                                  | 19,800.00             |
| 6340 Conferences and Education                      | 8,500.00              |
| 6350 Dues & subscriptions                           | 1,500.00              |
| 6360 Marketing/Advertising                          | 23,500.00             |
| 6370 Meals & Entertainment                          | 8,000.00              |
| 6380 Legal & Professional Services                  |                       |
| 6381 Legal  | 1,000.00              |
| 6382 Consulting                                     | 41,500.00             |
| 6384 Accounting                                     | 4,000.00              |
| <b>Total 6380 Legal &amp; Professional Services</b> | <b>46,500.00</b>      |
| 6390 Accounting Expenses                            | 2,050.00              |
| 6400 IT   | 5,000.00              |
| 6500 Benefit Event Expenses (Less Labor)            | 45,215.00             |
| 6600 Donor Event (Less Labor)                       | 4,500.00              |
| 6700 Staff Events/Team Building                     | 2,000.00              |
| 6800 Warehouse Inventory                            | 100,000.00            |
| 6850 Warehouse Supplies                             | 20,000.00             |
| 6860 Repairs & Maintenance                          | 7,000.00              |
| 6875 Volunteer Management                           | 8,000.00              |
| 6900 Events - Foster Family                         | 20,000.00             |
| <b>Total Expenditures</b>                           | <b>\$1,047,813.00</b> |
| NET OPERATING REVENUE                               | <b>\$ -80,313.00</b>  |
| Other Revenue                                       |                       |

# With Love Oregon, Inc.

## Budget Overview: 2023 Board Approved Budget - FY23 P&L

January - December 2023

|                                 | TOTAL                |
|---------------------------------|----------------------|
| 4100 Interest Earned            | 1,200.00             |
| <b>Total Other Revenue</b>      | <b>\$1,200.00</b>    |
| Other Expenditures              |                      |
| 7000 Depreciation               | 3,675.00             |
| <b>Total Other Expenditures</b> | <b>\$3,675.00</b>    |
| NET OTHER REVENUE               | <b>\$ -2,475.00</b>  |
| NET REVENUE                     | <b>\$ -82,788.00</b> |

INTERNAL REVENUE SERVICE  
P. O. BOX 2508  
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: APR 27 2014

WITH LOVE OREGON INC  
5765 VICTORIA CT  
LAKE OSWEGO, OR 97035

Employer Identification Number:  
46-2869595  
DLN:  
17053233324033  
Contact Person:  
EDWARD S SCHLAACK ID# 31536  
Contact Telephone Number:  
(877) 829-5500  
Accounting Period Ending:  
May 31  
Public Charity Status:  
170(b)(1)(A)(vi)  
Form 990 Required:  
Yes  
Effective Date of Exemption:  
May 14, 2013  
Contribution Deductibility:  
Yes  
Addendum Applies:  
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Sincerely,



Director, Exempt Organizations

Enclosure: Publication 4221-PC

Letter 947



# with love

## 2023 Board of Directors

### **Allie Roth, Founder & President**

Allie Roth, a graduate of Seattle Pacific University, began her career in education in 2003, sharing her passion for students as a classroom teacher, eventually earning her Master's in Curriculum and Instruction from Portland State University. In 2010 she transitioned to Marylhurst University as a student teacher supervisor, as well as working as a mentor to first year teachers. Seeing the needs for kids in foster care as an educator, mixed with seeing the needs of her own children, prompted Allie to launch With Love from her garage in 2013.

Nine years later, Allie continues to be extremely involved in With Love, working as President to boost With Love's mission and development efforts. With her leadership, With Love received the Fox Be The Change Award in 2017 and was recognized as one of the top 100 nonprofits to work for in Oregon in 2018. Allie was inducted into the Hall of Fame at Aloha High School in 2018. In 2019, Allie was awarded the Medallion award at Seattle Pacific University for her work with kids in foster care, and recognized as a Heart of The Heart for Adventist Hospitals as a featured guest at their gala. She has been featured on local media outlets, podcasts, and publications as she continues to share With Love's mission of dignity, hope, and community.

*[allieroth@withloveoregon.org](mailto:allieroth@withloveoregon.org)*

### **Chylon Pappas, Chair of the Board**

Chylon Pappas is the Vice President of Marketing for First Tech Federal Credit Union. Chylon's professional background spans over 20 years with experience ranging from communications, marketing, business development and community board service including the March of Dimes Greater Oregon Chapter and the American Marketing Association Oregon Chapter. Chylon is an alumni of Oregon State University and resides in Beaverton with her family. In addition to her professional and community service, she also serves as a Diversity, Equity and Inclusion advocate in the local community.

Chylon discovered With Love while in her role as Director of Corporate Communications and Community Engagement at First Tech. But once she witnessed the power of With Love through a friend, she stepped up to support the organization in any way that she can.

*[chylonpappas@withloveoregon.org](mailto:chylonpappas@withloveoregon.org)*

### **Therese Abrams, Treasurer & Finance Chair**

Therese Abrams, CPA, is the Senior Director of Revenue for Schrodinger Inc. A graduate of Oregon State, her background includes time spent in public accounting as an auditor with KPMG, and various roles at both private and public organizations across the healthcare, non-profit, technology and biotech sectors. Her previous board experience includes serving several years with Mary's Woods at Marylhurst.

Therese was introduced to With Love through a friend who consistently shared the message and heart of the organization and Therese really resonated with the mission to bring dignity to and meet the tangible needs of Oregon's foster children.

*thereseabrams@withloveoregon.org*

### **Hannah Wood Donohue, Secretary**

With a background in retail and publishing, Hannah Wood Donohue, an alum of Gonzaga University, brings a deep passion for communication, community, and customer service to With Love's already dynamic board. As a substitute teacher in the Beaverton School District, combined with her extensive leadership experience serving on elementary, middle and high school PTO boards, Hannah understands the critical value of volunteering recruitment and retention, transparency, and clear communication.

After attending With Love's benefit dinner several years ago, Hannah left impressed and awed by the tangible impact of With Love's work. Hannah is honored to now be a part of With Love's powerful mission of bringing dignity and support to Oregon foster families.

*hannahwood.donohue@withloveoregon.org*

### **Shanna Dooley-Schwartz, Board Member**

After graduating from Oregon State University, Shanna Dooley Schwartz spent three years as a social worker, witnessing first hand the needs of foster children and families. She exited social work to raise four daughters, eventually working at her daughters' schools as a teacher aid and offering her leadership to many committees and fundraising events for over 21 years.

Shanna's passion to help foster children stems from her own parents' example, as her parents cared for several foster children during Shanna's childhood. Shanna supported three of her daughters' friends over the years when home situations were no longer healthy.

Shanna was introduced to With Love by Emily Rose. She began volunteering in small groups, eventually becoming a head leader and making pulls and deliveries. Shanna also offered her time to the Benefit Dinner committee, previously leading the procurement effort. She has also worked as With Love's intern coordinator, working with three college students to help in all aspects of With Love. Shanna enjoys sharing her passion for With Love with anyone she meets.

*shannaschwartz@withloveoregon.org*

### **Meagan Kimball, Board Member**

Meagan Kimball has spent her career in education amplifying the voices of all students and promoting inclusion in teaching practices. A graduate of Oregon State, with a Masters in Teaching from Pacific University, Meagan has a diverse background in education, from teaching in a two-way immersion program, becoming a

GLAD key trainer, moving into an ELL Instructional Coach position, to her current position consulting with Educational Excellence to promote inclusive professional practices in education.

Meagan has previous nonprofit leadership experience through her work with Incight, where she volunteered and served on the organizing committee for their annual golf event. Inspired by her friend Missi Thurman's work with With Love, Meagan volunteered in the warehouse as a puller for two years before eagerly joining the Board of Directors. Meagan is excited to provide a deeper contribution to the needs of foster families as she begins this new journey at With Love.

*meagankimball@withloveoregon.org*

### **Kristi Rice, Board Member**

A graduate of University of Oregon, Kristi Rice brings extensive volunteer and entrepreneurial experience to With Love. Her career has included a wide range of experiences, from working at US Bank as retail market district manager, co-launching a small catering business, to working with Lake Oswego School District as an educational assistant substitute and test proctor. Along the way, Kristi has given her time and expertise in various capacities to several nonprofits, serving as a liaison to the Lake Oswego School District Board as a Special Services parent, as well as providing her leadership to PTO Boards and enrichment efforts.

Kristi was initially introduced to With Love after her high school son signed up to volunteer. Immediately impressed, Kristi dove into various volunteer opportunities and currently serves as an Organizing Angel. Kristi is thrilled for this new role as Board member and loves the opportunity to work with like minded individuals with a common goal - to serve children.

*kristirice@withloveoregon.org*

### **Emily Rose, Board Member**

Emily Rose is the Experiential Marketing Senior Manager for First Tech Federal Credit Union and former Executive Director for Foster Parents' Night Out. A graduate of Oregon State University, Emily's experience in event management for businesses and nonprofits have been a valuable addition to With Love's programs and Benefit Dinner planning.

Emily's commitment to children in foster care runs deep. She has personally been a single foster mom since 2015, and adopted her daughter from foster care in May 2017. Emily is passionate about advocating for children in foster care, caring for foster families, and spreading awareness to the Portland community.

*emilyrose@withloveoregon.org*

### **Missi Thurman, Management Chair**

Missi Thurman has been working in public education since 2003. A graduate of Concordia University, she became a trainer with the Oregon Data Project in 2008, a statewide initiative designed to improve student achievement through informed use of data. When the grant came to an end, she co-launched an independent

consulting group, called Educational Excellence, to continue the work of providing equitable access to all students long term.

Missi has experienced the With Love mission from all sides, starting out with helping with laundry, volunteering and leading groups to receiving deliveries for her own foster children. Her professional and personal experiences supporting Oregon's most vulnerable kids fuel her passion for this work.

*[missithurman@withloveoregon.org](mailto:missithurman@withloveoregon.org)*

# Proclamation

## *Proclamation Declaring the Month of October 2023 as Domestic Violence Awareness Month in the City of Tualatin*

**WHEREAS**, domestic violence is a serious crime that affects people of all races, ages, gender identities, socio-economic levels, religions, backgrounds, beliefs and abilities but often has a disproportionate effect on communities and groups impacted by inequity; and

**WHEREAS**, domestic violence includes physical, emotional, social, sexual, spiritual, financial, and digital abuse; and can occur between family members, intimate partners and within dating relationships; and

**WHEREAS**, more than one in three women and one in four men in the United States report having experienced domestic violence, stalking, sexual assault or physical assault by an intimate partner during their lifetimes; and

**WHEREAS**, domestic violence impacts vulnerable victims including children, as approximately 50% of Washington County children who are child abuse victims also live in homes with domestic violence; and

**WHEREAS**, in 2022, the Family Justice Center served a total of 4,537 survivors and the Domestic Violence Resource Center provided 8,344 crisis services to survivors despite challenges due to the pandemic; and

**WHEREAS**, domestic violence incidents are some of the most complex and dangerous incidents that law enforcement respond to in our community, putting their lives at risk every day in the belief that a coordinated community response is necessary to support survivors, hold offenders accountable and work toward ending the cycle of violence; and

**NOW, THEREFORE BE IT PROCLAIMED** that the City of Tualatin designates the month of October 2023 as “*Domestic Violence Awareness Month*”. Domestic Violence Awareness Month provides an excellent platform to show support for the domestic violence advocates, crisis hotline staff, victim service organizations, the prosecutors who hold offenders accountable and law enforcement officers in our community. It also provides our community the opportunity to learn more about preventing domestic violence and show support for the numerous organizations and individuals who provide critical advocacy, resources, hope and assistance to victims.

INTRODUCED AND ADOPTED this 9th day of October, 2023.

CITY OF TUALATIN, OREGON

BY \_\_\_\_\_  
Mayor

ATTEST:

BY \_\_\_\_\_  
City Recorder

# Proclamation

*Declaring October 23-31, 2023  
Red Ribbon Week  
in the City of Tualatin*

WHEREAS, Alcohol and other drug abuse in this nation has reached epidemic stages; and

WHEREAS, It is imperative that visible, unified prevention education efforts by community members be launched to eliminate the demand for drugs; and

WHEREAS, National Family Partnership (NFP) is sponsoring the National Red Ribbon Campaign offering citizens the opportunity to demonstrate their commitment to drug-free lifestyles; and

WHEREAS, The National Red Ribbon Campaign will be celebrated during "Red Ribbon Week" October 23-31; and

WHEREAS, Business, government, parents, law enforcement, media, medical, religious institutions, schools, seniors, service organizations and youth will demonstrate their commitment to healthy, drug-free lifestyles by wearing and displaying Red Ribbons during this week long campaign.

NOW THEREFORE BE IT RESOLVED, that the City of Tualatin does hereby proclaim October 23-31, 2023 as Red Ribbon Week and encourages its citizens to participate in drug prevention education activities, making a visible statement that we are strongly committed to a drug-free community.

INTRODUCED AND ADOPTED this 9<sup>th</sup> day of October, 2023.

CITY OF TUALATIN, OREGON

BY \_\_\_\_\_  
Mayor

ATTEST:

BY \_\_\_\_\_  
City Recorder





**CITY OF TUALATIN**  
**Staff Report**

**TO:** Honorable Mayor and Members of the City Council  
**THROUGH:** Sherilyn Lombos, City Manager  
**FROM:** Nicole Morris, Deputy City Recorder  
**DATE:** October 9, 2023

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**SUBJECT:**

Consideration of Approval of the Work Session and Regular Meeting Minutes of September 25, 2023

**RECOMMENDATION:**

Staff respectfully recommends the Council adopt the attached minutes.

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**ATTACHMENTS:**

- City Council Work Session Meeting Minutes of September 25, 2023
- City Council Regular Meeting Minutes of September 25, 2023



## OFFICIAL MINUTES OF THE TUALATIN CITY COUNCIL WORK SESSION MEETING FOR SEPTEMBER 25, 2023

Present: Mayor Frank Bubenik, Council President Valerie Pratt, Councilor Maria Reyes, Councilor Cyndy Hillier, Councilor Christen Sacco, Councilor Octavio Gonzalez

Absent: Councilor Bridget Brooks

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### ***Tualatin Moving Forward Bus Tour.***

The Council went on a bus tour from 5:00 pm- 6:40 p.m. that highlighted recently completed projects.

Sherilyn Lombos, City Manager

\_\_\_\_\_ / Nicole Morris, Recording Secretary

\_\_\_\_\_ / Frank Bubenik, Mayor



## OFFICIAL MINUTES OF THE TUALATIN CITY COUNCIL MEETING FOR SEPTEMBER 25, 2023

Present: Mayor Frank Bubenik, Council President Valerie Pratt, Councilor Maria Reyes, Councilor Cyndy Hillier, Councilor Christen Sacco, Councilor Octavio Gonzalez

Absent: Councilor Bridget Brooks

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### Call to Order

Mayor Bubenik called the meeting to order at 7:00 p.m.

### Pledge of Allegiance

### Announcements

1. Proclamation Declaring October 1-7, 2023 Banned Books Week in the City of Tualatin

Councilor Sacco read the proclamation declaring October 1-7, 2023 Banned Books Week in the City of Tualatin.

2. New Employee Introduction – Nora Ames, Court Clerk

Court Administrator Cortney Kammerer introduced Court Clerk Nora Ames. The Council welcomed her.

### Public Comment

None.

### Consent Agenda

Motion to adopt the consent agenda made by Council President Pratt, Seconded by Councilor Sacco.

Voting Yea: Mayor Bubenik, Council President Pratt, Councilor Reyes, Councilor Hillier, Councilor Sacco, Councilor Gonzalez

### MOTION PASSED

1. Consideration of Approval of the Work Session and Regular Meeting Minutes of September 11, 2023
2. Consideration of **Resolution No. 5726-23** Awarding a Contract for Street Sweeping Operations to Great Western Sweeping and Authorizing the City Manager to Execute a Contract
3. Consideration of **Resolution No. 5727-23** Authorizing the City Manager to Apply for and Accept Community Development Block Grant Funds to Complete the Juanita Pohl Center Siding Replacement Project

4. Consideration of **Resolution No. 5728-23** Authorizing the City Manager to Apply for and Accept Community Development Block Grant Funds to Complete Sagert Street and Las Casitas/Stoneridge Neighborhood Pedestrian Safety Enhancements

## **General Business**

1. Consideration of **Ordinance No.1481-23** Amending the Municipal Code Regarding Service of Summons for Civil Infractions, Standards Applicable to Building, Grading Permits, and Stop Work Orders

Building Official Suzanne Tyler introduced the ordinance amending the municipal code with Oregon mechanical specialty code updates. She recapped items covered in the ordinance including service of summons, the standards applicable to building, and the addition of stop work orders.

Councilor Gonzalez asked why flag poles are limited to 25 feet. Official Tyler stated anything larger has loading issues in windy conditions.

Councilor Gonzalez asked when fence heights were increased to 7 feet without a permit. Official Tyler stated that was changed several cycles ago.

Motion for first reading by title only made by Council President Pratt, Seconded by Councilor Sacco.

Voting Yea: Mayor Bubenik, Council President Pratt, Councilor Reyes, Councilor Hillier, Councilor Sacco, Councilor Gonzalez

**MOTION PASSED**

Motion for second reading by title only made by Council President Pratt, Seconded by Councilor Sacco.

Voting Yea: Mayor Bubenik, Council President Pratt, Councilor Reyes, Councilor Hillier, Councilor Sacco, Councilor Gonzalez

**MOTION PASSED**

Motion to adopt Ordinance No.1481-23 amending the municipal code regarding service of summons for civil infractions, standards applicable to building, grading permits, and stop work orders made by Council President Pratt, Seconded by Councilor Sacco.

Voting Yea: Mayor Bubenik, Council President Pratt, Councilor Reyes, Councilor Hillier, Councilor Sacco, Councilor Gonzalez

**MOTION PASSED**

2. Consideration of Recommendations from the Council Committee on Advisory Appointments

Councilor Reyes stated the committee interviewed nine candidates. She encouraged citizens to continue to apply for vacancies on committees.

Councilor Sacco stated there are open positions on the Architectural Review Board, the Library Committee, the Budget Committee, and the Core Area Parking District Board.

Council President Pratt read the names of the recommended candidates.

Motion to approve the recommendations from the Council Committee on Advisory Appointments made by Councilor Sacco, Seconded by Council President Pratt.

Voting Yea: Mayor Bubenik, Council President Pratt, Councilor Reyes, Councilor Hillier, Councilor Sacco, Councilor Gonzalez

MOTION PASSED

### 3. Prioritization of Planning Division Work | Development of a Long-Range Planning Work Plan

Assistant Community Development Director Steve Koper presented the planning division's work plan. He introduced the department, which includes three planners and an office coordinator. Director Koper explained the department is responsible for various aspects of planning, including current planning, long-range planning, housing policy, and public outreach through citizen committees. He stated in fiscal year 2022/2023, the department processed 219 applications, received 1,076 calls, and handled 2,947 emails. Director Koper shared the typical land use process and timeline for their department, emphasizing their work is aligned with the Council's priorities and aimed at helping the Council achieve its goals.

Director Koper outlined the department's long-range project list, categorizing them into four groups: legally required projects, council priorities, community or development-driven projects, and projects identified in a Tualatin adopted plan. He discussed ongoing long-range projects such as updates to the Transportation System Plan, implementation of the Housing Production Strategy, and support for the Climate Action Plan, including its implementation. He also listed legally required projects, including parking code updates, development code updates, stormwater master plan adoption, Basalt Creek Area Parks Master Plan adoption, and an updated housing needs analysis. Council-identified long-range projects included food cart regulations, urban forestry, downtown core area development code updates, and comprehensive plan updates. Additionally, other long-range projects encompassed industrial use updates, zoning changes, development code modifications, permitting pickleball as an allowed use, and regulations for cannabis house of operations.

Director Koper provided sample timelines and discussed the appropriate staffing levels required to complete a project. He addressed project prioritization within the department and discussed the creation of a draft work plan. He also shared how other cities prioritize their planning projects. Director Koper then presented Tualatin's draft work plan for the next three years, emphasizing considerations such as how many years it should encompass, how it should be prioritized, how often it should be updated, and how to account for needs that are not initially included in the work plan.

Councilor Sacco expressed a preference for a longer-term plan with the flexibility to reprioritize annually. She suggested using a rubric scoring method to prioritize projects and emphasized the importance of being able to add new projects as they arise.

Councilor Gonzalez inquired about the cost comparison between consultants and hiring a full-time equivalent (FTE) staff member. Director Koper explained that consultants are often a more fiscally prudent approach, especially given the city's staff size, and they allow for access to specialized talent when needed.

Councilor Gonzalez also asked about staffing levels in comparison to other cities. Director Koper discussed the planning efforts of other cities and the level of staff involvement in those projects. He expressed confidence in the current staff size for the city.

Councilor Hillier thanked the planning staff and suggested the plan should look ahead 2-3 years, with legally required projects given higher priority. She recommended considering which projects have the greatest community impact.

Councilor Reyes supported a 2-3 year plan that prioritizes projects based on staff recommendations aligned with council priorities. She also suggested the department consider adding additional support staff.

Council President Pratt emphasized the importance of updating the comprehensive plan to establish priorities and goals. She advocated for a 5-year work plan with annual reviews and added flexibility for addressing emergencies.

Councilor Sacco asked if a value assessment had been conducted to determine the need for another FTE or if there were positions that had not been backfilled. She expressed interest in learning more about adding a long-range planning manager.

Councilor Reyes asked for further information on staff comparisons with other cities. Director Koper provided examples of the types of projects staff in other cities are working on.

Mayor Bubenik expressed a preference for a 2-3 year plan with annual reviews and supported using the rubric scoring method for prioritization. He emphasized the need for strategic zoning to ensure cohesiveness rather than one-off zoning decisions.

## **Council Communications**

Councilor Sacco stated she attended the Chambers Key Leaders Breakfast.

Councilor Hillier stated she attended the Winona Grange AM Networking event. She stated Tualatin Together will be hosting a Screenager Film Viewing Event on October 5<sup>th</sup>, 6pm, at Hazelbrook Middle School, that will address growing up in the digital age.

Councilor Reyes invited citizens to attend the Borland Free Clinic Gala on October 6<sup>th</sup> at 6pm, more information is on their website.

Council President Pratt stated she attended the Clackamas County Addictions Summit, the C4 Metro meeting, the C4 Tolling Strategy meeting, the Greater Portland Inc. meeting, and the Tualatin Chambers Key Leaders Breakfast.

Mayor Bubenik stated he toured the Community Warehouse, attended the RTAC meeting, the Washington County Coordinating Committee meeting, the Greater Portland Inc. Summit, the Clackamas County Chair and Mayors meeting, and the Chambers Key Leaders Breakfast.

## **Adjournment**

Mayor Bubenik adjourned the meeting at 9:07 p.m.

Sherilyn Lombos, City Manager

\_\_\_\_\_ / Nicole Morris, Recording Secretary

\_\_\_\_\_ / Frank Bubenik, Mayor





## CITY OF TUALATIN Staff Report

**TO:** Honorable Mayor and Members of the City Council

**THROUGH:** Sherilyn Lombos, City Manager

**FROM:** Mike McCarthy, City Engineer

**DATE:** October 9, 2023

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**SUBJECT:**

Consideration of **Resolution No. 5730-23** Authorizing Acceptance of Right-of-Way from Washington County for the Boones Ferry Corridor Phase 2 Project, Part of the Tualatin Moving Forward Program.

**RECOMMENDATION:**

Staff recommends that the Council approve the attached resolution to accept right-of-way from Washington County for the Boones Ferry Corridor Phase 2 project.

**EXECUTIVE SUMMARY:**

Washington County currently owns Taxlot 2S124CB02700, a 0.02-acre parcel along the East side of Boones Ferry Road South of Warm Springs Street. This property is shown on the attached exhibit. Most of this property is currently occupied by the roadway and sidewalk of Boones Ferry Road, and will be fully covered by roadway, planter strip, and sidewalk upon completion of the Boones Ferry Corridor Phase 2 project.

Washington County has agreed to transfer this property for it to become part of the public Right-of-Way for Boones Ferry Road under the jurisdiction of the City of Tualatin at no cost to the City. County staff have prepared the legal documents to accomplish this transfer. This resolution authorizes the City Manager to execute these legal documents to accept this piece of property from Washington County as public Right-of-Way for the Boones Ferry Road Phase 2 project.

**OUTCOMES OF DECISION:**

Approval of the attached resolution would allow staff to execute legal documents accepting this property as public Right-of-Way for the Boones Ferry Corridor project.

**ALTERNATIVES TO RECOMMENDATION:**

Council could elect to not approve the attached resolution

**FINANCIAL IMPLICATIONS:**

There is no cost to the City for this property transfer.

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**ATTACHMENTS:**

Resolution 5730-23  
Exhibit showing the area to be accepted

RESOLUTION NO. **5730-23**

A RESOLUTION AUTHORIZING THE CITY MANAGER TO ACCEPT RIGHT-OF-WAY FROM WASHINGTON COUNTY FOR THE BOONES FERRY CORRIDOR PHASE 2 IMPROVEMENT PROJECT

WHEREAS, in May 2018, Tualatin voters approved a \$20 million bond measure to support high priority transportation projects.

WHEREAS, the City identified the need to improve traffic flow and bicycle and pedestrian safety along Boones Ferry Road from Tualatin-Sherwood Road to Norwood Road as a high-priority project in this program (hereafter “Boones Ferry Road Improvement Project” or “Project”).

WHEREAS, the City has identified the need to acquire certain properties in order to facilitate the construction of the Boones Ferry Road Improvement Project; and

WHEREAS, Washington County has agreed to transfer the property detailed in the attached Washington County Taxlot Exhibit (Taxlot 2S124CB02700) currently under County ownership along Boones Ferry Road to become public right-of-way under the jurisdiction of the City of Tualatin in furtherance of the Project.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF TUALATIN, OREGON, that:

**Section 1.** The City Manager is authorized to execute deeds and any and all other documents to accept Taxlot 2S124CB02700 as public right-of-way.

**Section 2.** This resolution is effective upon adoption.

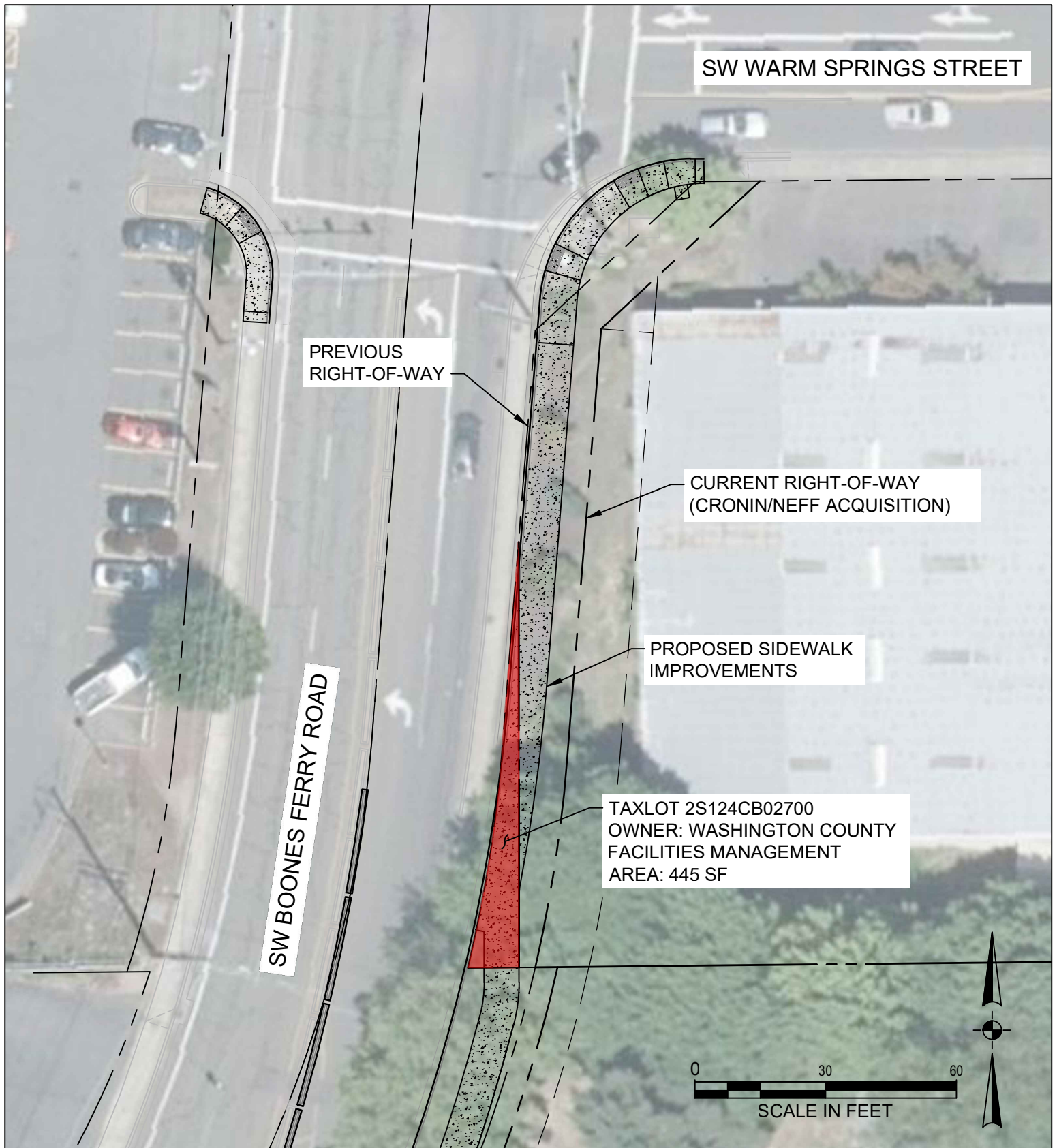
INTRODUCED and ADOPTED by the City Council this 9<sup>th</sup> day of October, 2023.

CITY OF TUALATIN, OREGON

BY \_\_\_\_\_  
Mayor

ATTEST:

BY \_\_\_\_\_  
City Recorder



BOONES FERRY CORRIDOR BIKE LANE AND SIDEWALK IMPROVEMENTS, PHASE 2  
WASHINGTON COUNTY TAXLOT EXHIBIT

AUGUST 30, 2023

OTAK PROJ. NO. 19016C







# CITY OF TUALATIN

Summer Programs Recap  
and Fall Preview  
**2023**



# Library

Storytimes, science, music and making. And reading!  
2322 readers participated  
in Summer Reading this  
year.







**Library**



¡Viva  
Tualatin!







# Summer Camp

## Grades 1-6

- 8 weeks
- 432 kids
- 562 waitlist

## Grades 7-10

- 8 weeks
- 90 teens
- 122 waitlist





# Concerts in the Parks

Four Friday night concerts, two lunchtime concerts  
over 5,000 attendees





# Library and Event Volunteers

## Library Summer Youth Program

- 36 youth // 660 hours

## MakerSpace and Shelves

- 522 hours

## Blender Dash

- 89 volunteers // 382 hours

## Viva Tualatin

- 58 volunteers // 195 hours





# Parks Volunteers

## TEAM Tualatin

- 65 volunteers // 1300 hours

## Corporate & Group Volunteers

- 95 people // 285 hours

## DIY Volunteers

- 15 volunteers // 250 hours



## Coming This Fall...

Hug a Tree Corporate Event // October 26

Put Down Roots // November 4

Light up the Lake Corporate Event // November 16

National Family Volunteering Day // November 18





# Tualatin Police Department

**Tualatin Police Summer Program for Kids**

160 youth grades 6-9



**National Night Out**  
13 neighborhood events



# Juanita Pohl Center

Fitness, enrichment, travel, and  
wellness programs

4,187 attendees for summer  
programs





# Recreation Partners

- Willowbrook Arts Camp
- Skyhawks Sports Camp
- Skate Like A Girl
- Tualatin Youth Sports Leagues
- Tualatin Historical Society
- Tualatin Pickleball Club





# Library Fall Preview

Teen Friday Nights have changed!

October is all things pumpkin

DINOvember returns!





# Juanita Pohl Center Fall Preview



Friday the 13th Haunted Walking Tour // October 13

Veterans Recognition Breakfast // November 9

Mindfulness and Breathwork // November 21

DIY Wreath Making Workshop // November 28





**Sunday, October 22**



# SUNDAY, OCTOBER 22 // LAKE OF THE COMMONS



Giant Pumpkin Races

5k Regatta Run

Family Entertainment

Costume Contests

Crafts

Food

Free Admission





# PUMPKINS & PINTS

SATURDAY, OCTOBER 21, 12PM  
STICKMEN BREWING TUALATIN

- TERMINATOR GIANT PUMPKIN WEIGH-OFF
- CRAFT BEERS AND WOOD FIRED PIZZA





## CITY OF TUALATIN Staff Report

**TO:** Honorable Mayor and Members of the City Council  
**THROUGH:** Sherilyn Lombos, City Manager  
**FROM:** Rachel Sykes, Public Works Director  
**DATE:** October 9, 2023

---

**SUBJECT:**

Consideration of **Resolution No. 5729-23** Adopting Findings in Support of an Exemption from Competitive Bidding and Authorizing the Use of a Design-Build Alternative Contracting Method for the Juanita Pohl Center Siding Replacement.

**RECOMMENDATION:**

Staff recommends that Council approve the resolution, which would permit the City to issue a Request for Proposals to procure the services of a Design-Build contractor to replace the siding at the Juanita Pohl Center.

**EXECUTIVE SUMMARY:**

The City's 2023/24 Fiscal Year Budget includes funding to replace the siding at the Juanita Pohl Center. Ordinarily, the City is required to hire construction contractors through an Invitation to Bid process, where cost is the only factor that may be considered when evaluating bids. This process involves first hiring a consultant to produce design specifications to ensure, among other considerations, that construction bids can be effectively compared. However, the siding specifications do not need to be as exhaustive as they would be for a more complex project. The usual procedure of first contracting with a consultant to develop specifications, and then entering into a separate contract for construction services via an Invitation to Bid, would lead to unnecessary costs in the project's design phase.

The legislature allows, with the approval of Council, an alternative contracting method known as Design-Build. Under this approach, the City would issue a competitive Request for Proposals (RFP) aimed at selecting a single contractor to handle both design and construction services. This would enable potential contractors to propose their own design solutions. Unlike with an Invitation to Bid, the City would have the ability to consider additional factors such as the contractor's experience and the quality

of their proposed solutions. The City has publicly advertised this request to use the Design-Build method and it will also advertise the RFP. Once a contractor is selected, the City would seek Council's approval to award a contract to the highest-ranked proposer.

In order to authorize use of the Design-Build method, the Council must adopt the findings presented in the attached resolution, which demonstrate the appropriateness of this method. The resolution tracks the requirements of ORS 279C.335; the main factors we would highlight are the expected reduction in design costs and the ability to obtain the contractor's input during the design phase.

**OUTCOMES OF DECISION:**

Adopting the resolution would allow the City to issue a Request for Proposals for a Design-Build contractor.

**FINANCIAL IMPLICATIONS:**

Funds for this project are available in the Maintenance Services budget in the General Fund.

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**ATTACHMENTS:**

Resolution No. 5729-23 Adopting Finding



# Juanita Pohl Center Design Build Procurement

October 9th, 2023 | City Council Meeting





# Project Overview

- Original siding, 1982
- \$275,000 budgeted
- Design, Permitting, Demolition, Installation
- Timeline: 6-9 months



# Design Build Solicitation Method

- Different than a traditional solicitation
- Request for Proposals (RFP) to select one contractor to complete design and construction of project
- City maintains one point of contact throughout process





# Benefits of Design Build Solicitation Method

- **One contractor throughout: seamless transition between design and construction**
- **RFP selection can factor in more than just price**
- **Can lead to cost efficiencies and savings**
- **Construction oversight / management**



# Next Steps

- **Council determination; authorize design build process?**
- **Develop scope of work, solicitation, select contractor**
- **Design work, permitting**
- **Construction**



RESOLUTION NO. 5729-23

A RESOLUTION ADOPTING FINDINGS IN SUPPORT OF AN EXEMPTION FROM COMPETITIVE BIDDING AND AUTHORIZING THE USE OF A DESIGN-BUILD ALTERNATIVE CONTRACTING METHOD FOR THE JUANITA POHL CENTER SIDING REPLACEMENT.

WHEREAS, the Council is designated as the Local Contract Review Board, (the Board) under ORS 279A.060 and City Public Contracting Rules in TMC 1-21;

WHEREAS, ORS 279C.335 and TMC 1-21-090 authorize the exemption of certain public contracts from competitive bidding upon the making of certain findings;

WHEREAS, the City needs to procure services, including design and installation, to replace the siding at the Juanita Pohl Center ("Project");

WHEREAS, the most cost-effective and efficient way to procure such services is through issuing a Request for Proposals ("RFP") for a Design-Build contract, which requires an exemption from the normal competitive bidding process;

WHEREAS, the City published notice of the public hearing in the *Daily Journal of Commerce* a minimum of fourteen days prior to the hearing date in accordance with ORS 279C.335(5) and TMC 1-21-090(5);

WHEREAS, the City Council held a public hearing on October 9<sup>th</sup>, 2023 and offered an opportunity for any interested party to appear and present comment on the draft findings,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL, SITTING AS THE LOCAL CONTRACT REVIEW BOARD OF THE CITY OF TUALATIN, OREGON, that:

**Section 1.** The Council hereby adopts the findings set out in Section 2 below pursuant to the authority granted the Board by TMC 1-21-090 to allow the use of the Design-Build alternative contracting method and permits the issuance of a Request for Proposals for a Design-Build contract for the Juanita Pohl Center Siding Replacement Project.

**Section 2.** The contract exemption authorized by Section 1 is based on the following findings, as required by the following statutes and rules:

TMC 1-21-090(2)(a): The nature of the contract is a public improvement contract.

TMC 1-21-090(2)(e): The proposed alternative contracting method is Design-Build, awarded through competitive sealed proposals.

TMC 1-21-090(2)(f): The estimated date to let the contract is December 15<sup>th</sup>, 2023.

ORS 279C.335(2)(a) / TMC 1-21-090(2)(d): Exempting the contract from competitive bidding is unlikely to encourage favoritism or substantially diminish competition. The City will issue a competitive RFP to select the Design-Build contractor. The procurement will be formally advertised with public notice. The award will be based upon the review and scoring of competitive sealed proposals by a review committee based on criteria announced in the RFP.

ORS 279C.335(2)(b) / TMC 1-21-090(2)(c): Exempting the contract will likely result in substantial cost savings and other benefits to the City. In approving a finding under this paragraph, the local contract review board shall consider the type, cost, and amount of the contract and, to the extent applicable, the following:

ORS 279C.335(2)(b)(A): The City anticipates interest from multiple contractors for the Project, ensuring competition during the RFP process. The Design-Build approach is commonly employed by both public and private entities, and there are numerous potential siding contractors in the Portland metropolitan area.

ORS 279C.335(2)(b)(B) / TMC 1-21-090(2)(b): The City has budgeted \$275,000 for this project, and maintenance costs will be minimal and the siding is expect to last during the life of the building.

ORS 279C.335(2)(b)(C): The Design-Build delivery method offers many advantages for the public, such as cost savings, adherence to budgets, expedited project delivery, valuable feedback mechanisms, a single point of responsibility, enhanced innovation opportunities, early cost insights, and seamless integration of design and construction.

In contrast to the traditional "low-bid" process, where contractor selection is primarily price-driven, the Design-Build approach considers various factors such as time, qualifications, and the contractor's approach to project execution. Under the Design-Build delivery method, a single entity known as the Design-Builder oversees the entire project lifecycle. This approach enables a streamlined process, starting from design and extending through construction.

ORS 279C.335(2)(b)(D): A Design-Build team would have the flexibility to recommend methods that align most effectively with the existing conditions and the allocated budget. These proactive measures by the Design-Build team would enhance value, accelerate construction timelines, and subsequently mitigate the potential need for change orders. Given that the Design-Build contractor would oversee the project from its inception, it would systematically apply value engineering principles throughout the entirety of the project.

ORS 279C.335(2)(b)(E): The Design-Build process would enable the City to retain a specialized siding contractor with the necessary expertise and knowledge to efficiently deliver the project within budget constraints.

ORS 279C.335(2)(b)(F): The Design-Build process would have a neutral effect on public safety compared to a traditional Invitation to Bid process, primarily because replacing the siding constitutes a project with a relatively low level of public safety risk.

ORS 279C.335(2)(b)(G): Engaging the Design-Build contractor directly in crafting specifications during the design phase will yield a schedule that is more realistic, attainable, and efficient. This approach also serves to enhance public confidence in completing the project within its allocated budget. Furthermore, the Design-Build process enables the contractor to identify and collaboratively address technical challenges during the design phase, facilitating advanced problem-solving that frequently results in cost savings and streamlined schedules.

ORS 279C.335(2)(b)(H): Employing the Design-Build contracting method will have no adverse effect on the funding allocated for this project.

ORS 279C.335(2)(b)(I): The Design-Build delivery method, widely adopted by both  
Resolution No. 5729-23

public and private organizations over many years, requires proposers to demonstrate essential qualifications and project experience, as well as an understanding of the prevailing market conditions, labor availability, material supplies, and evolving construction methodologies. These factors streamline construction timelines and yield cost efficiencies, which become especially significant during periods of inflation such as we are experiencing.

ORS 279C.335(2)(b)(J): The Project involves a niche area of construction that is most effectively managed by a specialized contractor with expertise in both installation and design. Collaboration between a designer and contractor well-versed in the project's requirements and the City will be essential during the pre-construction phase.

ORS 279C.335(2)(b)(K): The Project involves the replacement of the siding at the Juanita Pohl Center, an existing structure.

ORS 279C.335(2)(b)(L): The Juanita Pohl Center will remain in use throughout the construction project. In such a scenario, the Design-Build model offers notable benefits as it fosters early collaboration between the Design-Build contractor and City staff. This collaborative approach helps proactively manage potential conflicts between the construction project and the need for the City to sustain ongoing operations.

ORS 279C.335(2)(b)(M): Construction is anticipated to occur in a single phase.

ORS 279C.335(2)(b)(N): The Public Works Department recently utilized the Design-Build method for the Tualatin City Services building project, and current staff managed the last phase of this work, which included a parking lot expansion and installation of electric vehicle charging stations. Additionally, the City is supported by a City Attorney and a Contracts and Procurement Analyst who can provide guidance throughout the Design-Build procurement process.

**Section 3.** This resolution is effective upon adoption.

INTRODUCED AND ADOPTED this October 9<sup>th</sup>, 2023.

CITY OF TUALATIN, OREGON

BY \_\_\_\_\_  
Mayor

ATTEST:

BY \_\_\_\_\_  
City Recorder





## CITY OF TUALATIN Staff Report

**TO:** Honorable Mayor and Members of the City Council

**THROUGH:** Sherilyn Lombos, City Manager

**FROM:** Steve Koper, Assistant Community Development Director

**DATE:** October 9, 2023

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**SUBJECT:**

Council appointment of Transportation System Plan Community Advisory Committee members

**EXECUTIVE SUMMARY:**

In April of 2023, the City Council approved **Resolution No. 5686-23** authorizing staff to enter into a contract with Fehr & Peers for consulting services to update Tualatin's Transportation System Plan (TSP). The last major update to Tualatin's TSP was in 2013.

Upon award of the contract for consulting services to update the Tualatin TSP, Fehr & Peers provided a draft Scope of Work, which identified proposed project tasks and deliverables. One of the most important subset of project tasks included stakeholder and community outreach.

The scope of work identified creation of both a Technical Advisory Committee, comprised of individuals with technical expertise, such as Oregon Department of Transportation (ODOT) staff, and a Community Advisory Committee, comprised of a representative cross-section of the community.

Prospective members for the Community Advisory Committee were solicited through multiple forms of direct and targeted outreach. In addition to emails to interested parties and volunteer lists, and announcement at City Council and Planning Commission meetings, the following groups were contacted: Tualatin Chamber of Commerce, Tualatin Rotary, the Tualatin Aging Task Force, and representatives of all Community Involvement Organizations (CIOs).

In total, 30 applications for membership on the Community Advisory Committee were received. Of the 30 prospective applicants, 12 have been recommended, representing a broad spectrum of backgrounds, interests, and perspectives. In addition, two Councilors, and one Planning Commissioner will participate in the Community Advisory Committee for a total of 15 members.

**RECOMMENDATION:**

Staff respectfully recommends that the City Council appoint the Community Advisory Committee members listed in Exhibit A.

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**ATTACHMENTS:**

-Exhibit A - Transportation System Plan Community Advisory Committee Membership-

## Transportation System Plan Community Advisory Committee Membership List

| Name              | City of Residence | Diversity          | Renter, Homeowner or Business Community | Related Experience                           |
|-------------------|-------------------|--------------------|---|--|
| Andrew Evans      | Tualatin          | Disability         | Renter                                  | Frequent city volunteer                      |
| Becky Quinn       | Tualatin          |                    | Renter                                  | Public transit user                          |
| Claudia Sterling  | Tualatin          |                    | Homeowner                               | CIO representative + CERT member             |
| Elena Arosteguy   | Tigard            |                    | Business Community                      | Rep for Nyberg Woods and Nyberg Rivers       |
| Justin Lindsley   | Tualatin          | Young Professional | Homeowner                               | Planner for City of Portland                 |
| Kassi Miller      | Tualatin          |                    | Homeowner                               | Frequent multi-modal system user             |
| Katie Gates       | Tualatin          |                    | Homeowner                               | Worked for a traffic data collection company |
| Marlow Hornberger | Tualatin          | Elder/Senior       | Homeowner/Business                      | Recent Rotary president                      |
| Nancy Krushaar    | Tualatin          |                    | Homeowner                               | Former City Engineer at City of Wilsonville  |
| Robert Kellogg    | Tualatin          |                    | Homeowner                               | TriMet board president; previous TSP update  |
| Susan Noack       | Tualatin          | Elder/Senior       | Homeowner/Business                      | Chamber + Aging Task Force representative    |
| Victoria Fiske    | Tualatin          | LGBTQ+             | Homeowner                               | Desire to be involved in the community       |