



# Appendix 1. Oakridge Smoke & Air Quality Survey

We need your help to learn about the potential impacts of wildfire smoke and home heating wood smoke on Oakridge, Oregon area residents!

Oakridge Air has partnered with the University of Oregon to gather input from Oakridge residents about your experiences with air quality. This survey is designed to help understand community concerns about air quality and to better plan for and communicate about air quality.

**Completed survey responses will receive a \$25 gift card** for a local business in Oakridge (Limit of 1 gift card per Oakridge-Westfir household).

This survey should take about **10-15 minutes to complete**. Your answers will be completely confidential. They are not tied to your name or email.

**Risks of Participation.** The risks of participating in this evaluation are not expected to exceed the risks of daily life.

**Benefits of Participation.** The results of this research will support broader efforts to reduce the impacts of wildfire and home heating smoke on Oakridge's air quality.

*If you have any questions please contact Dr. Michael Coughlan, Principal Investigator at [mcoughla@uoregon.edu](mailto:mcoughla@uoregon.edu) | 541-346-0675.*

*You may also contact Research Compliance Services for questions about your rights as participants at 541-346-2510.*

**Voluntary Consent:** You are being asked to voluntarily participate in research study. It is up to you whether you choose to participate or not. There will be no penalty or loss of benefits to which you are otherwise entitled if you choose not to participate or discontinue participation. By checking “yes,” you agree to take this survey and that you are at least 18 years of age.

Yes

No

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**Q1. Please choose the answer below that best reflects you experience living or working in the Oakridge/Westfir community.**

I do not live or work in Oakridge/Westfir

I live full time in Oakridge/Westfir

I mostly live in Oakridge/Westfir, but sometimes live elsewhere

I own or rent a second home in Oakridge/Westfir

I work in Oakridge/Westfir, but live elsewhere

Other (please explain below)

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**Q2. How many years have you lived or worked in the Oakridge-Westfir community? (write-in below)**

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**EXPERIENCES AND CONCERNS WITH AIR QUALITY:  
Smoke from wildfires and wood burning stoves can impact air quality.**

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**Q3. How would you rate the air quality in your community?**

- Very good – we have some of the best air quality in the state.
- Good - the air quality is clean and healthy most of the time.
- Okay - the air quality can often be clean and often be polluted.
- Poor - the air quality is polluted and unhealthy most of the time.
- Very poor – we have some of the worst air quality in the state.

**Q4. How would you rate your overall concern about air quality in your community?**

- Highly concerned
  - Somewhat concerned
  - Neither concerned nor unconcerned
  - Somewhat unconcerned
  - Completely unconcerned
-

**Q5. Did the Cedar Creek Fire in 2022 change your concerns about air quality in Oakridge/Westfir? If so, how?**

- It greatly increased my concerns
- It slightly increased my concerns
- It neither increased nor decreased my concerns
- It slightly decreased my concerns
- It greatly decreased my concerns
- Unsure

**Q6. What seasons of the year are you most concerned about air quality in your community? (CHECK ALL THAT APPLY)**

- Summer
  - Fall
  - Winter
  - Spring
-

**Q7. Please rank your concern for the following sources of smoke in your community. (Please mark selection with a ✓ )**

	Completely unconcerned	Somewhat unconcerned	Neither concerned nor unconcerned	Somewhat concerned	Very concerned
Wildfires					
Wood stoves					
Backyard & pile burning					
Prescribed fires					
Other					

**If you selected other, please explain below:**

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**Q8. Which statement BEST describes how you think about smoke?**

- Smoke is just a temporary annoyance
  - Smoke is only a risk for people with serious health conditions
  - Smoke is a risk for many people with a variety of health conditions
  - Smoke can be a risk for everyone, especially with long term exposure
  - Other (please explain below)
- 

**Q9. Some people experience health impacts from poor air quality. Have you or anyone in your household experienced any of these? (CHECK ALL THAT APPLY)**

- Trouble breathing normally
- Wheezing or shortness of breath
- Coughing
- Headaches or migraines
- Irritated sinuses or runny nose
- Feeling more tired than usual
- Other (please describe): \_\_\_\_\_

**Q10. Have you ever changed your behaviors or plans because of poor air quality (for example, during the 2022 Cedar Creek wildfire)?**

- Yes
- No
- Unsure

**Q11. Which of the following actions did you take while INDOORS during poor air quality? (CHECK ALL THAT APPLY)**

- I used one or more plug-in air purifiers
  - I used a special air filter in my home's heating or AC system
    - ✓ If you checked box above, was your heating or AC system's air filter a "MERV 13" or greater? ( **YES / NO / UNSURE** )
  - I used a home-made air purifier (ex. box fan with a HEPA filter)
  - I used a N95 or KN95 mask or respirator indoors
  - I used another type of mask indoors
  - I kept windows and doors shut as much as possible
  - I went to a cleaner air space
  - Other (please explain below)
-

**Q12. If you used a plug-in air purifier, do you know what kind you used? (CHECK ALL THAT APPLY)**

- I used one distributed by Oakridge Air (AKA "HEPA" purifiers)
- I used a non-HEPA certified air purifier
- I used a high efficiency particulate air ("HEPA") purifier
- I don't know

**Q13. Which of the following precautions did you take OUTDOORS during poor air quality? (CHECK ALL THAT APPLY)**

- I stayed at home or reduced the number of times I left my home
- I spent less time doing usual outdoor activities (ex. walking, dog-walking, running, biking)
- I used a N95 or KN95 mask, or respirator
- I used another type of mask
- I left the community and went to an area with better air quality
- I did nothing differently
- Other

**If you selected other, please explain below:**

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## EXPERIENCE WITH AIR QUALITY INFORMATION

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**Q14. Which sources do you use to find information about air quality?  
(CHECK ALL THAT APPLY)**

- Television
- Radio
- Internet (website, social media)
- Mobile phone (App or text message)
- Email
- Print newspapers or newsletters
- Roadway sign or fliers in the community
- Friends and family
- Employer
- Other

**If you selected other, please explain below:**

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**Q15. Please indicate your experience and preference for each information source. (Please mark selection with a ✓ )**

	I am not familiar with this source	I have received information in the past	I would like to receive information from here in the future
Online local news			
Oakridge Air social media			
LRAPA website			
AirNow.gov			
Oregon.gov			
US Forest Service website			
Other			

**If you selected other, please explain below:**

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**Q16. If you indicated in Q15 above that you have received information from Lane Regional Air Protection Agency (LRAPA). How satisfied are you with that information?**

- Extremely satisfied
  - Somewhat satisfied
  - Neither satisfied nor dissatisfied
  - Somewhat dissatisfied
  - Extremely dissatisfied (**please tell us why below**)
- 

**Q17. How likely are you to trust the information from Lane Regional Air Protection Agency (LRAPA)?**

- Extremely likely
  - Somewhat likely
  - Neither likely nor unlikely
  - Somewhat unlikely
  - Extremely unlikely (**please tell us why below**)
- 
-

**Q18. Please indicate your experience and preference for each information source. (Please mark selection with a ✓ )**

	I am not familiar with this source	I have received information in the past	I would like to receive information from here in the future
Oakridge Air text messages			
AirNow app			
PurpleAir or Paku app			
Other app or text service			

**If you selected other app or text service, please explain below:**

**Q19. I know where to find information about air quality and its impact on my community.**

- Strongly agree
- Somewhat agree
- Neither agree nor disagree
- Somewhat disagree
- Strongly disagree
- I haven't looked for information about air quality

**Q20. Information about air quality in my community is easy to access.**

- Strongly agree
- Somewhat agree
- Neither agree nor disagree
- Somewhat disagree
- Strongly disagree
- I haven't received any information

**Q21. I find it easy to understand information about air quality.**

- Strongly agree
- Somewhat agree
- Neither agree nor disagree
- Somewhat disagree
- Strongly disagree
- I haven't received any information

**Q22. I am satisfied with the information I receive about air quality and its impacts in my community.**

- Strongly agree
- Somewhat agree
- Neither agree nor disagree
- Somewhat disagree
- Strongly disagree
- I haven't received any information

**Q23. I am satisfied with the information I receive about the mental health impacts from poor air quality.**

- Strongly agree
- Somewhat agree
- Neither agree nor disagree
- Somewhat disagree
- Strongly disagree
- I haven't received any information

**Q24. I am satisfied with the information I receive about the physical health impacts from poor air quality.**

- Strongly agree
  - Somewhat agree
  - Neither agree nor disagree
  - Somewhat disagree
  - Strongly disagree
  - I haven't received any information
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## COMMUNITY SERVICES FOR AIR QUALITY

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**Q25. Have you heard about the following efforts to reduce impacts from poor air quality within your community? (CHECK ALL THAT APPLY ✓ )**

	I participated	I have heard of this, but did not participate	I have not heard of this
Distribution of air quality information			
Distribution of air purifiers			
Distribution of personal protective equipment such as masks			
Distribution of air quality sensors			
Creation of safe, cleaner air spaces			



**Q26. Have you heard of Oakridge Air?**

- Yes
- No
- Unsure

**Q27. If you answered YES to Q26, how do you think the community views Oakridge Air?**

- Extremely positive
  - Somewhat positive
  - Neither positive nor negative
  - Somewhat negative
  - Extremely negative (**please tell us why below**)
- 

**Q28. If you answered YES to Q26, how satisfied are you with the information from Oakridge Air?**

- Extremely satisfied
  - Somewhat satisfied
  - Neither satisfied nor dissatisfied
  - Somewhat dissatisfied
  - Extremely dissatisfied (**please tell us why below**)
-

**Q29. If you answered YES to Q26, how likely are you to trust information from Oakridge Air?**

- Extremely unlikely
- Somewhat unlikely
- Neither likely nor unlikely
- Somewhat likely
- Extremely likely (**please tell us why below**)

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**Q30. Have you heard of any of the following programs in your community and have you participated in any of them? (Select the BEST ANSWER FOR EACH PROGRAM with a ✓ )**

	I participated	I have heard of this, but did not participate	I have not heard of this
Home heating upgrades			
Community firewood and woodshed program			
Residential air purifiers			
Public building cleaner air spaces			
Air quality code enforcement			
Yard waste program			
Air quality monitoring and text message alerts			

**Q31. What information would you like to get from Oakridge Air?  
(CHECK ALL THAT APPLY)**

- Home heating program updates (eligibility, applications, etc.)
- Community firewood program updates
- How to prepare your home for wildfire season
- Smoke related health risks, recommended protective measures
- Mental health information for coping with smoke events
- How to set up a cleaner air room inside your home
- How to access a cleaner air space in your community
- Information about temporary relocation during fire events
- Other protective actions, ex. improving air filtration in my home
- How to find air quality info and smoke forecast on smartphone
- Information about upcoming prescribed fires
- Staff projects (ex. Wildfire Safety Night, Tree Planting Festival)
- Other community event information
- I am not interested in information from Oakridge Air
- Other - please explain below:

## PREPARATION FOR AIR QUALITY

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**Q32. Do you feel prepared for poor air quality?**

- Yes
- No
- Unsure

**Q33. If you answered YES to Q32, what contributes **MOST** to your preparedness? (CHECK ALL THAT APPLY)**

- Air quality doesn't concern me
  - I have experienced poor air quality before
  - My community has a response plan for wildfire smoke
  - My household has a response plan for wildfire smoke
  - I already have emergency supplies stored in my home
  - I know what to do when there is poor air quality
  - Other - please explain below:  

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-

**Q34. If you answered NO or UNSURE to Q32, would you feel more prepared if you had access to ..... (CHECK ALL THAT APPLY)**

- Personal protective equipment (respirators, masks, asthma medications)
  - Adequate household protections (air filters, doors and windows that seal, emergency supplies)
  - Cleaner air spaces in my community
  - Information about the possibility of a smoke event
  - More information on what to do during a smoke event
  - Up-to-date local air quality information
  - Nothing would make me feel more prepared
-

**Q35. How could your community be more prepared to prevent negative impacts from poor air quality? (CHECK ALL THAT APPLY)**

- Improved access to protective equipment (masks, medications)
  - Assistance for households to weatherize their homes
  - Access to cleaner air spaces
  - Distribution of air purifiers and filters
  - More information on what to do in case there is poor air quality
  - I don't believe the community could or should be more prepared
  - Other (please explain below)
-

**Please tell us about yourself.**

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**Q36. Including yourself, does your household include any of the following? (CHECK ALL THAT APPLY)**

- Children (under 18 years old)
- Older adults (over 65 years old)
- Individuals who are pregnant
- Individuals with asthma or other respiratory diseases
- Individuals with cardiovascular diseases
- Outdoor workers
- None of these apply to me
- Others at higher risk from smoke - **Please describe below:**

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**Q37. What is your age (in years)?**

- 18-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65-74
- 75-84
- 85 or older

**Q38. What is your gender identity?**

- Man
  - Woman
  - Non-binary/non-conforming
  - Prefer to self-identify: \_\_\_\_\_
  - Prefer not to answer
-

**Q39. How do you identify yourself? (CHECK ALL THAT APPLY)**

- Black or African-American
- Hispanic or Latino/a/x
- Asian or Asian American
- Native American/American Indian/Alaskan Native
- Native Hawaiian or Pacific Islander
- Middle Eastern or North African
- White
- Prefer not to answer
- Other. Please write in: \_\_\_\_\_

**Q40. What is your preferred spoken language?**

- English
- Spanish
- Haitian Creole/French
- Other. Please write in: \_\_\_\_\_

# Mailing Address Gift Card Form

## How to Get your \$25 Gift Card!



1. Now that you've completed the survey, please fill out this form.
2. To receive your physical gift card in the mail, please enter your complete mailing address on the lines below:

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3. Please choose which gift card you would like by placing a ✓ next to the business name. *We will try our best to accommodate your request.*

\_\_\_\_\_ Ray's Grocery Store

\_\_\_\_\_ Three Legged Crane Restaurant

4. **Place this completed form and your survey into the envelope it came in.**

5. **Drop off at any Blue Box location:**

- ◆ Oakridge City Hall
- ◆ Oakridge Library
- ◆ Oakridge Pharmacy
- ◆ Orchid Health
- ◆ Oakridge Air Office

### When can you expect to receive your gift card?

We will get your gift card mailed to the address you listed in the next 4-6 weeks.

**Thanks for sharing your smoke and air quality concerns in Oakridge!**

# Oakridge-Westfir Smoke & Air Quality Community Survey



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## We want to hear from you!

We would love your input to help assess the impact of wildfire smoke and home heating wood smoke on Oakridge residents. In collaboration with the University of Oregon, Oakridge Air has a survey to gather community experiences regarding air quality. Your responses will help us communicate better about air quality issues in Oakridge-Westfir.

*Please share your air quality and smoke concerns by **Jan. 12, 2023**. Completed survey responses will receive a **\$25 gift card** to Ray's Grocery or the Three Legged Crane.*

### Take or drop off surveys at Blue Box locations:

- Oakridge City Hall
- Oakridge Library
- Oakridge Pharmacy
- Orchid Health
- Oakridge Air Office



[LEARN MORE](https://resilient.uoregon.edu/ewp/oakridge)

OR TAKE THE  
SURVEY ONLINE



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SV\\_5t12uOMuDtXZM2O](https://oregon.qualtrics.com/jfe/form/SV_5t12uOMuDtXZM2O)

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