



Air Quality Local Partner Woodsmoke Reduction Grant Funding Guidelines 2025 - 27

**Announcement of Funds Available and Grant
Guidelines to Local Clean Air Agencies for
Woodsmoke Reduction solid fuel device replacement
programs.**

By: David Grant, Molly Williams

For the

Air Quality Program

Washington State Department of Ecology
Olympia, Washington

June 2025, Publication 25-02-023

Grant Information

Information regarding this funding opportunity is available on the Department of Ecology's website at: <https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Wood-smoke-reduction-grants>

Contact Information

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ADA Accessibility

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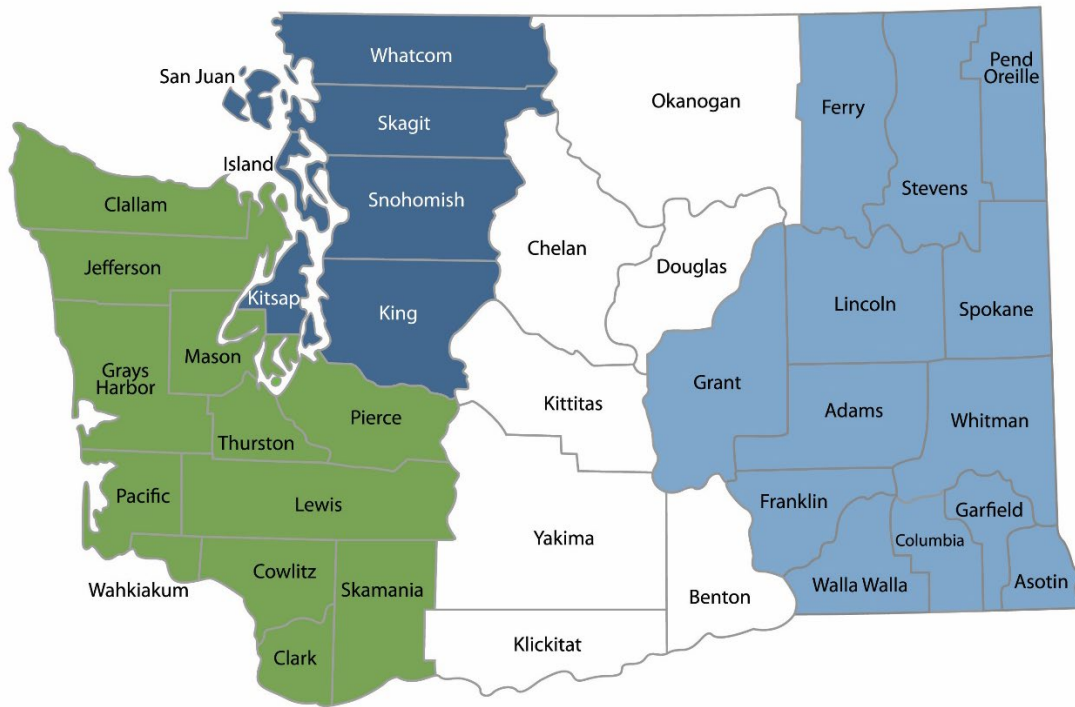
To request ADA accommodation, contact Ecology by phone at 360-407-6800 or email at ecyadacoordinator@ecy.wa.gov. For Washington Relay Service or TTY call 711 or 877-833-6341. Visit Ecology's website² for more information.

¹ www.ecology.wa.gov/contact

² <https://ecology.wa.gov/About-us/Accountability-transparency/Our-website/Accessibility>

Department of Ecology's Regional Offices

Map of Counties Served



Southwest Region
360-407-6300

Northwest Region
206-594-0000

Central Region
509-575-2490

Eastern Region
509-329-3400

Region	Counties served	Mailing Address	Phone
Southwest	Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Mason, Lewis, Pacific, Pierce, Skamania, Thurston, Wahkiakum	P.O. Box 47775 Olympia, WA 98504	360-407-6300
Northwest	Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom	P.O. Box 330316 Shoreline, WA 98133	206-594-0000
Central	Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima	1250 West Alder Street Union Gap, WA 98903	509-575-2490
Eastern	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman	4601 North Monroe Spokane, WA 99205	509-329-3400
Headquarters	Statewide	P.O. Box 46700 Olympia, WA 98504	360-407-6000

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Grants Announcement and Grant Guidelines for Woodsmoke Reduction Grants to Local Clean Air Agencies

Air Quality Program
Washington State Department of Ecology
Olympia, WA

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DEPARTMENT OF
ECOLOGY
State of Washington

Table of Contents

Important Information	1
Woodsmoke Reduction Grant Overview	2
Background	2
Statutory and administrative requirements	2
Environmental justice	3
Funding Available	4
Eligibility	5
Eligible projects	5
Eligible costs	6
Application Evaluation	7
Application process	7
Screening criteria	7
Application questions and evaluation	7
Award Selection Process	10
Unrequested, Unspent, or Additional Funds	10
Agreement Development and Management	11
Agreement development	11
Amendments	11
Terms and conditions	11
Recipient Requirements	13
Education and outreach	13
Project site visits and post project assessments	13
Cultural Resources Reviews	13
Disbursements of grant funds	14
Indirect rate	14
Procuring goods and services	14
Progress Reporting / Payment Requests (PRPRs)	15
Non-performance of projects/re-assignment of funds	15
Project close-out	16
Appendix I: Grant Agreement Definitions	17
Appendix II: WAFUSE Tool	18

Important Information

Apply to: Ecology Air Quality Program via Ecology Administration of Grants and Loans (EAGL)

Title: 2025-2027 Woodsmoke Reduction Grant Program

Action: Request for Grant Funding

Eligible Applicants: Available to Washington State's Local Clean Air Agencies and Department of Ecology region offices where no Local Clean Air Agencies exist.

Application Acceptance Dates: July 1, 2025, through August 5, 2025

Application Deadline: Applicants must submit applications no later than 5PM PST, August 5, 2025.

Grant Period: July 1, 2025 – June 30, 2027

Summary: The Woodsmoke Reduction Grant program is a competitive grant program for projects that support woodsmoke reduction efforts by offering financial incentives to recycle and replace older, uncertified wood-burning home heat devices.

Amount of Funding Available: Approximately \$4,000,000.

Woodsmoke Reduction Grant Overview

Background

Woodsmoke Reduction Grants are available to Local Clean Air Agencies (LCAAs) and Department of Ecology (Ecology) regional offices (where no LCAA exists) for projects that support woodsmoke reduction efforts through the use of financial incentives to recycle and replace older, uncertified wood-burning home heat devices.

Wood smoke is one of the main sources of air pollution in Washington. Woodstoves, fireplaces, and other wood burning devices emit hundreds of times more air pollution than other sources of heat, such as natural gas or electricity. Smoke from wood burning stoves causes asthma, lung disease, heart disease, stroke, and premature death. The Woodsmoke Reduction Grant program reduces emissions from old, high-polluting wood stoves in communities at risk of health threats from wood smoke.

Statutory and administrative requirements

Statutory requirements, administrative rule uses and limitations, and program and agency policy provide the framework for the Funding Guidelines. Key statutes, rules, and policies include:

- RCW 70A.15.3600(7)³
- WAC 173-433-155(7)⁴
- Administrative Requirements for Recipients of Ecology Grants and Loans Managed in EAGL; see [Administrative Requirements for Recipients of Ecology Grants and Loans \(Yellow Book\) July 2023](#)⁵
- Environmental justice policy
- Legislative requirements, from Section 3015 of Engrossed Substitute Senate Bill 5195, 2025 session:
- The appropriation in this section is provided solely for the replacement of uncertified heating devices to reduce toxic air pollution. Whenever possible and most cost-effective, the agency and local air agency partners must select home heating devices that are certified by the United States environmental protection agency or that do not use natural gas to replace noncompliant devices.
- \$100,000 of the appropriation in this section is provided solely for air agencies to offer the opportunity to replace a noncompliant woodstove with a compliant woodstove under this program.

³ <https://apps.leg.wa.gov/rcw/default.aspx?cite=70a.15.3600>

⁴ <https://apps.leg.wa.gov/wac/default.aspx?cite=173-433-155>

⁵ <https://apps.ecology.wa.gov/publications/SummaryPages/2301002.html>

Environmental justice

Ecology is committed to the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. Ecology uses an intersectional lens to address disproportionate environmental and health impacts in all laws, rules, and policies with environmental impacts by prioritizing vulnerable populations in overburdened communities, equitably distributing resources and benefits, and eliminating harm.

Funding Available

Total funds available for Woodsmoke Reduction Grant program vary between biennia. The amount of funding available for each State biennium is based on Legislative biennial budget appropriation. The amount of funds available for the 2025-27 biennium will be posted on Ecology's website: [Wood smoke reduction grants - Washington State Department of Ecology](#)

Eligibility

Eligible applicants

This is a competitive grant program open to Washington State's Local Clean Air Agencies and Department of Ecology region offices where no Local Clean Air Agencies exist.

Eligible projects

Eligible projects include:

- Replace uncertified, wood-burning home heating devices with cleaner home heating options including:
 - NSPS 2020 qualified woodstoves
 - electric home heat systems
 - gas or propane home heat systems
 - Pellet stoves
 - Other clean home heating options may be considered and must be approved by Ecology in advance
- Provide incentives for recycling uncertified wood-burning home heating devices

Applicants may include both project types in grant applications.

Eligible projects must:

- Remove and replace or recycling uncertified or pre-New Source Performance Standards (NSPS) 2020 woodstoves or inserts.
- Include replacements that are proven clean-burning devices (e.g., Alaska Department of Environmental Quality approved devices) or devices that do not utilize solid fuels (e.g., electric or gas, but only where applicant documents no other more cost-effective alternative to gas). Residential coal-burning devices and fireplace replacements may be included.
- Facilitate and fund recycling of used non-NSPS 2020 compliant woodstoves from within grantees regulatory jurisdiction. Documentation must include:
 - Photo documentation of recycled device
 - Photo documentation of new device, if applicable
- Completed destruction form including attestation from homeowner, contractor, and recycler and photos of destroyed device at recycle facility delivery
 - Copy of recycle facility receipt/weight ticket.
- Ensure local permits must be obtained, with clarity about whose responsibility they are (between homeowner and contractor).
- Ensure installations are conducted by licensed and bonded installers

- Establish clearly defined reimbursement amounts and limits. Reimbursable costs must be only those directly related to device purchase and installation, and within pre-established limits.
- If income-qualified participants receive priority (application priority and/or a greater incentive amount), the grant agreement will include a separate task to track this. Grantees may request to move funds from income-qualified to non-income-qualified after one year if interest from income-qualified participants is lower than expected.
- Grantee must clearly notify participants that any/all additional costs beyond established reimbursement amounts are to be negotiated between Homeowner and participating contractor and borne by the Homeowner.

Eligible costs

All costs must be directly related to and necessary for the tasks funded through this grant program. Examples of eligible costs include:

- Solid fuel burning device replacement incentive/reimbursement. Grantees must establish reimbursement values and ensure the values are clear to program participants. Grantee must clearly notify participants that any/all additional costs beyond established reimbursement amounts are to be negotiated between Homeowner and participating contractor and borne by the Homeowner.
- Costs necessary for the safe removal and replacement of a solid fuel burning device are eligible and will be reviewed by Ecology's grant manager. If grantees are unsure whether a cost is eligible, they must confirm with Ecology's grant manager prior to incurring the cost.
- Solid fuel burning device recycle incentive. Grantees must establish reimbursement values and ensure values are clear to program participants.
- Administrative costs related to and necessary for the successful completion of the project. Administrative costs (salaries/benefits) must not exceed 25% of the total grant award. Administrative costs may include:
 - Community outreach and program promotion
 - Data gathering that is directly related to program development/implementation
 - Indirect/overhead costs. Recipients may use an indirect/overhead rate of up to 25% of salaries and benefits.
 - Transportation. Recipients may request reimbursement of transportation costs using the state per diem and mileage rates or on an actual basis up to those state rates. For current state mileage, rates see: [Policy 10.90.20](http://www.ofm.wa.gov/policy/10.90.20)⁶.

⁶ <http://www.ofm.wa.gov/policy/10.90a.pdf>

Application Evaluation

Application process

- All applicants must apply through the electronic grant and loan system called EAGL (Ecology's Administration of Grants and Loans). To apply through EAGL, applicants must first register for a Secure Access Washington (SAW) account and an EAGL account. Applicants can find detailed instructions for new and current EAGL users at: <https://ecology.wa.gov/About-us/How-we-operate/Grants-loans>
- Applications will be screened for compliance with the screening criteria below.
- Applications that fail any of the minimum criteria may be disqualified and eliminated.
- Applications that meet the screening criteria will be evaluated according to the scoring criteria.

Screening criteria

Applications will be screened for compliance with the screening criteria below. Applications that fail any of the screening criteria may be disqualified and eliminated.

- 1) Is the applicant a Washington Local Air Agency, or an Ecology Regional Office (where no local air jurisdiction exists)?
- 2) Is the proposed project eligible according to the grant guidelines?

Application questions and evaluation

Applications will be evaluated with the following categories. The point breakdown for each category is below:

Category	Total Points Possible	Percentage of Total
Pollutant Levels	35	35%
Priority Communities	35	35%
Program Structure	15	15%
Performance History	15	15%
Total	100	100%

Applications must include responses to all questions. Responses will be evaluated by an evaluation committee.

Pollutant Levels: 35%

1. Please describe the geographic area of PM_{2.5} impact your proposed project will serve.

Using the WAFUSE tool, the applicant will receive the following points for the highest single grid cell in the proposed work area:

Highest concentration (9-12) = 35 points

Moderate concentration (7-9) = 15 points
Low concentration (5-7) = 6 points
Lowest mapped value (0-5) = 0 points

2. Please describe any other metrics identifying the community the proposed project will serve as highly exposed to PM2.5.

The project area is described or defined by another pm2.5 measure/metric provided by the applicant:

Yes = 15

No = 0

Points received for criterion 1 = 0

Priority Communities: 35%

3. Does the project include as eligible at least one of the communities identified by Ecology's Air Quality Program as [overburdened and highly impacted by air pollution](#)⁷? Reviewers will confirm the project location based on the map submitted with the EAGL application.

Yes = 10 points

No = 0 points

4. Please indicate the highest-ranking census tract of the area the proposed project will serve according to the [EHD](#)⁸. Reviewers will confirm the project location based on the map submitted. Reviewers will confirm the project location based on the map submitted with the EAGL application.

EHD score 9 or 10 = 10 points

EHD score 8 = 5 points

EHD score 7 or below = 0 points

5. Please describe any other evidence identifying the community the proposed project will serve as overburdened or vulnerable. Examples may include participation in the Free and Reduced-Price Lunch Program, language barriers, income, Department of Health's percentage of poverty map, etc.

The project area is described or defined by another measure/metric indicating overburdened communities or vulnerable populations by the applicant:

Yes = 10

No = 0

Points received for criterion 3 or 4 = 0

⁷ <https://ecology.wa.gov/air-climate/climate-commitment-act/overburdened-communities>

⁸ <https://fortress.wa.gov/doh/wtnibl/WTNIBL/>

6. How much of the proposed project budget will be dedicated to income-qualifying applications?

40+% of total budget dedicated to income-qualifying applications = 10 points

20-39% of total budget dedicated to income-qualifying applications = 6 points

0-19% of total budget dedicated to income-qualifying applications = 0 points

7. Does the project include higher incentive amounts for income-qualifying applicants. Reviewers will confirm this response based on the information submitted with the EAGL application.

Yes = 5 points

No = 0 points

Program Structure: 15%

8. Please select the proposed structure of your woodsmoke reduction program and include the incentive structure. Reviewers will confirm this response based on the information submitted with the EAGL application.

Combination woodstove replacement and recycle program = 15 points

Woodstove replacement program only = 10 points

Woodstove recycle program only = 2 points

Performance history: 15%

9. Did your organization spend at least 95% of your budget for the last biennium Woodsmoke Reduction Grant? If grantees relinquished funding from their 23-25 grant, they will be reviewed based on the updated grant amount. If grantees accepted additional funds for their 23-25 grant, they will be reviewed based on the original award amount. Reviewers will confirm based on the applicant's previous grant documentation in EAGL.

Yes, all grant funding spent = 7 points

Funding not fully spent = 0 points

10. Did you complete and submit all required Payment Request / Progress Report's on time in the last biennium? Reviewers will confirm based on the applicant's previous grant documentation in EAGL.

Yes = 8 points

No = 0 points

Award Selection Process

Ecology will use the process below to offer grant awards.

Step 1: Review, evaluate, and score all eligible applications.

Step 2: Rank eligible applications received from the highest scoring to the lowest.

Step 3: Determine funding formula based on the total amount of funding available, and the total amount of funding requested.

Step 4: Using the formula, reduce all grant awards proportionally such that all grantees receive an award

Ecology may adjust the percentages slightly, ensuring percentages align with the ranked order of applicants based on scoring.

Unrequested, Unspent, or Additional Funds

If

- Applicants that are initially awarded funds withdraw or cancel their application, or
- Recipient has unspent funds near the end of the grant cycle, or
- Funds remain after all eligible applicants are offered an award, or
- Additional funding is allocated for this grant program

Ecology may, at its discretion:

- Increase funding for awarded projects.
- Award funds to projects from the remaining eligible unfunded applicants.
- Negotiate additional projects with existing applicants.
- Reopen the grant application window and establish a new submission deadline to accept additional applications.
- Revise the grant program and accept a new round of applications.

Priority for reallocated funding may be given to applicants partially funded by the original round of funding. All applications must be eligible under all requirements of any new funding source.

Agreement Development and Management

Agreement development

The Project Manager and Financial Manager use information found in the funding proposal as the basis for developing the funding agreement. Funding agreements for clearly defined project proposals that include a detailed scope of work, measurable objectives, and accurate budgets take less time to develop. Changes to the scope of work after application submission, may result in Ecology withdrawing or modifying a funding offer. Any changes that affect how the project would have scored will not be allowed.

Grant agreements include standard language, general terms and conditions, and other conditions required by state or federal law.

When the agreement is finalized, Ecology's Financial Manager will send a final copy to the recipient for signature. The recipient's authorized signatory must sign the final agreement and sends it back to Ecology's Financial Manager for the final signature by the Air Quality (AQ) Program Manager or the authorized designee. This may be done electronically. Once the agreement is signed by Ecology, a fully executed original will be returned to the recipient. The Applicant becomes the Recipient once the agreement is signed.

Amendments

If modifications to the grant agreement are needed during the grant period, the recipient must submit any proposed amendment or changes in writing to the Ecology Project Manager. The recipient and Ecology's Project and Financial Managers will negotiate changes and document the changes as an amendment to the funding agreement. All proposed changes are subject to final approval by Ecology.

Modifications and changes that require an amendment include:

- Changes to the scope of work, deliverables, dates, or objectives of the project.
- Budget changes or redistribution between tasks.
- Changes to the required performance dates.

Administrative changes such as telephone numbers, addresses, or contact persons for either Ecology or the recipient do not require an amendment.

Terms and conditions

Awards are conditional on receipt of any additional information requested by Ecology to clarify or verify any aspect of submitted information.

Each grant agreement resulting from this solicitation will include standard and general terms and conditions that establish the recipient's rights and responsibilities. By completing the grant agreement, each applicant enters into an agreement with Ecology to conduct the proposed project according to the terms and conditions that correspond to its organization, without

negotiation.

Failure to agree to the terms and conditions by taking actions such as failing to complete the grant agreement or indicating that acceptance is based on modification of the terms may result in rejection of the application. Applicants must read the terms and conditions carefully. Ecology reserves the right to modify the terms and conditions prior to executing grant agreements.

Recipient Requirements

If awarded a grant, recipients must:

- Approve and sign the grant agreement within one (1) month of an award notice to avoid losing valuable implementation time. Requests to extend the deadline may be considered at Ecology's discretion.
- Be responsible for all costs incurred prior to grant effective date, which will not be reimbursed. Ecology will not increase an award due to unanticipated or underestimated costs. Eligible costs will not be reimbursed until the grant agreement is signed by both parties. While applicants can incur eligible costs before the agreement is signed, they do so at their own risk.
- Provide all funds needed to complete the project beyond grant funds awarded. Applicants may use other grants, rebates, or other incentives as match funds. The total of all grants, rebates, and incentives may not exceed the total cost of the project. If the recipient receives funding in addition to this grant, Ecology will work with the recipient to ensure funds are appropriately reimbursed. Applicants may not profit from this grant opportunity.
- Complete projects by the expiration date of the grant agreement which is June 30, 2027.

Education and outreach

Recipients must provide Ecology with a copy of any tangible educational products developed under the grant, such as brochures, manuals, pamphlets, videos, audio tapes, CDs, curriculum, posters, media announcements and web page links. If this is not practical, recipients must provide Ecology with a complete description including photographs or printouts of the products.

Recipients must also provide Ecology with contact information for local project leads.

If there are a significant number of people (5% or 1000 people, whichever is less) in the community with LEP, recipients must consider translating educational, enforcement, and public outreach materials for those identified populations. Any emergency communications or written notifications must comply with RCW 38.52.070. Recipients should consider including in written materials a notice advising LEP persons of free language assistance.

Project site visits and post project assessments

Ecology's Project Management Team may conduct site visits to provide technical assistance and verify progress or payment information for projects.

Cultural Resources Reviews

All grants funded with state dollars must comply with [Executive Order 21-02](#) to ensure protection of cultural resources. All projects that have the potential for ground disturbance will be required to complete and submit a Cultural Resources Review (CRR) Form. Ecology's Cultural

Resources Specialist will then determine the appropriate next steps to mitigate potential impacts to cultural resources.

Grantees may not begin any construction or other activities that have the potential to disturb cultural resources until Ecology has completed the review process and determined the project can proceed.

Disbursements of grant funds

Ecology disburses grant funds to recipients on a cost-reimbursable basis. The recipient must incur eligible costs within the effective and expiration dates of the funding agreement.

Indirect rate

The recipient can charge an indirect rate of up to 25% percent of salaries and benefits to cover overhead costs that benefit more than one activity of the recipient. Indirect costs are not directly assignable to a particular objective of the project such as space utilities, miscellaneous copying, telephone, motor pool, janitorial services, records, storage, rentals, etc., items not directly attributable to the project yet are required to conduct business. The use of indirect items must be reported on a separate line item on the PRPR invoice spreadsheet. Indirect cost items must be invoiced consistently throughout the project. There is no universal rule for classifying costs and direct or indirect.

Procuring goods and services

Procurement of all goods and services must adhere to the state's competitive procurement requirements. For more information regarding the procurement process, please see the [Administrative Requirements for Recipients of Ecology Grants and Loans \(Yellow Book\) July 2023⁹](#). Applicants will be required to submit confirmation that they have and follow an existing procurement process, or the following information regarding their procurement processes:

- method of vendor notification of bid opportunity
- how many bidders were notified
- evaluation summary of bids received
- award letter or notice of contract award
- awarded contractor name, contract number, date contract was executed

The Office of Minority and Women-Owned Business Enterprises (OMWBE) has established voluntary goals for the participation of minority- and women-owned businesses in procurements made with Ecology funds. Each grant agreement will contain a condition

⁹ <https://apps.ecology.wa.gov/publications/SummaryPages/2301002.html>

regarding OMWBE. While participation is voluntary, Ecology requires reporting the level of participation on Form D: Contractor Participation Report and submitted with each PRPR.

All contracted work and sub-recipients are required to comply with the terms of the final agreement.

Progress Reporting / Payment Requests (PRPRs)

Recipients must submit progress reports quarterly and with every payment request. Progress reports should include a description of all progress made in the reporting period to meet goals as well as any successes, problems, and delays that affect the project, and an upload of the Woodstove Progress Report. If a problem exists, recipients must discuss the corrective actions taken or proposed and identify any Ecology assistance that may be needed. Ecology may withhold payments if the recipient has not submitted the required progress report or and all required information.

All PRPRs must:

- Comply with the scope of work for the grant agreement.
- Include all deliverables due in that quarter.
- Include invoices to support all payment requests that must comply with the grant budget and financial reporting requirements. Invoices must be itemized by task per the grant agreement with a line item for each cost incurred.
- include staff name, hourly rate, hours worked, and total for all requests to reimburse salaries and benefits.
- Include backup documentation consistent with the expenditures submitted in EAGL and show how that cost was incurred. For instance, if the cost is a compilation of separate costs, details must be shown on the backup as to how that end cost was determined. If the line-item cost is a breakout from a larger cost, that breakout detail needs to be shown.
- Include line items and backup documentation that agree. Highlighting end costs on the backup helps to speed review of invoices.
- Include an Equipment Purchase Report (form in EAGL) for any single item with a purchase price \$5,000 or more.
- Include consistent line items and backup documentation. Highlighting end costs on the backup helps to speed review of the invoice and ultimately payment to the grant recipient.

All PRPRs are reviewed for eligibility by the Project Manager for compliance with the scope of work. The Financial Manager reviews the invoice for conformance to the grant budget and financial reporting requirements.

Non-performance of projects/re-assignment of funds

Recipients are encouraged to read the Termination Section of the General Terms and Conditions of their grant agreement.

Projects that do not comply with deliverable and quarterly reporting due dates present a risk not only to the direct project itself, but also the entire Woodsmoke Reduction grant program, as timely performance is an expectation of the legislature and the fund source.

If a funded project is not making progress, either in whole or part, Ecology will initiate discussions with the grant recipient as to the cause and potential solutions to getting the project going again.

Ecology may work with recipients to ensure efficient and effective use of all grant funding. If any recipients anticipate underspending their award, Ecology may work with them to reduce the scope and funding of their agreement and reallocate funding to another recipient. If more than one recipient is interested in additional funding, Ecology will use the original award process to offer additional funding.

Project close-out

The final PRPR, including Final invoices, must be submitted via EAGL within 30 days of the grant agreement expiration date. The recipient must also complete and submit a Recipient Close Out Report via EAGL.

When the scope of work has been completed and the grant is closed out (or earlier if the grant is cancelled due to non-performance or other issues), Ecology will document recipients' performance via an Ecology Close-Out Report in EAGL. Performance elements will include:

- The general responsiveness of recipients in communicating in a timely way with Ecology.
- Timeliness in completing the initial grant agreement and any subsequent amendments.
- Timeliness and completeness of PRPRs.
- The need for amendments, their frequency and significance of scope change.
- Timely grant close out.
- The results of any audit findings.

Appendix I: Grant Agreement Definitions

Administrative Requirements: the effective edition of Ecology's *Administrative Requirements for Recipients of Ecology Grants and Loans* at the signing of this agreement.

Contract Documents: the contract between the recipient and the construction contractor for construction of the project.

Effective Date: the earliest date on which eligible costs may be incurred.

Guidelines: Ecology's Funding Guidelines for Woodstove Education and Enforcement that correlate to the biennium in which the project is funded.

Income-qualified: The Federal Office of Housing and Urban Development (HUD) defines low income as "a family's annual income does not exceed 80% of the area's median income (AMI) adjusted for family size. This grant program will use this definition to determine if applicants to the program are Income-qualified.

Priority Community: for the purposes of this grant, priority communities include overburdened communities and vulnerable populations as defined by [70A.02.020 RCW](#). To identify and prioritize these communities, this grant program uses:

- The [communities](#) identified by Ecology as overburdened and highly impacted by air pollution
- The [Environmental Health Disparities map](#)

Project: the project described in the application and awarded funding by Ecology.

Project Completion Date: the date specified in the agreement on which the Scope of Work will be fully completed.

Project Schedule: that schedule for the project specified in the agreement.

Scope of Work: the tasks and activities constituting the project.

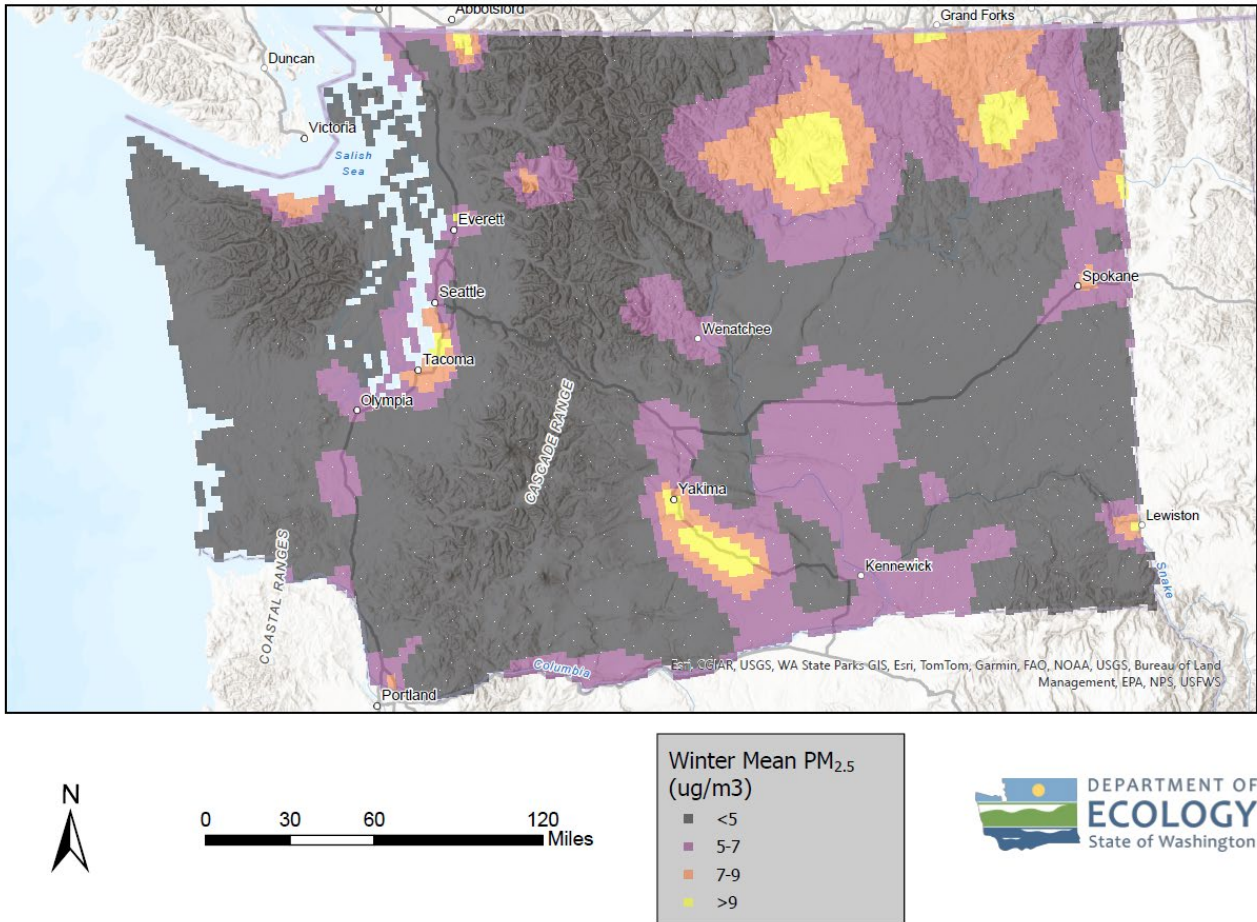
Termination Date: the effective date of Ecology's termination of the agreement.

Total Eligible Project Cost: the sum of all costs associated with the project that have been determined to be eligible for Ecology grant funding.

Total Project Cost: the sum of all costs associated with the Woodsmoke reduction grant project, including costs that are not eligible for Ecology grant funding.

Appendix II: WAFUSE Tool

Winter Mean PM_{2.5} (2022-2024)



WA-Fuse combines daily AQM forecasts—driven by EPA’s Community Multiscale Air Quality Model (CMAQ) and NOAA’s Air Quality Forecast Guidance—with measurements from EPA’s AQS and AirNow programs, Local Clean Air Agency sites, and the SenseWA sensor network to produce bias-corrected, high-resolution PM_{2.5} and ozone concentration maps. For our analysis, WA-Fuse pulls AQM output over the 2021–2024 period and aligns those modeled fields with collocated observations at each monitor. It then computes the ratio of observed to modeled values (“e”) for every site and interpolates those ratios across the 5 km × 5 km grid using a Voronoi nearest-neighbor approach, so each cell reflects its nearest set of monitors’ adjustment. Applying this interpolated correction surface back to the original AQM forecasts yields a seamless, daily pollutant concentration estimate, which is finally clipped to Washington State—where monitoring density is greatest—to generate clear, statewide PM_{2.5} and ozone grids ready for further analysis.

The 2025-2027 Woodsmoke Reduction grant will utilize the WAFUSE tool as part of the competitive scoring criteria toward assessment and prioritization of geographic areas with quantified PM2.5 impacts from wintertime home heating via wood-burning devices, as described on page 7.