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Erika Lautenbach, MPH, Director Amy Harley, MD, MPH, Co-Health Officer Greg Thompson, MD, MPH, Co-Health Officer

Memorandum

TO: Satpal Sidhu, County Executive

FROM: Erika Lautenbach, Director

RE: Northwest Clean Air Agency – DIY Air Cleaner Kit Funding Agreement

DATE: MAY 24, 2024

Attached is an interlocal agreement between Whatcom County and Northwest Clean Air Agency for your review and signature.

Background and Purpose

Through this agreement, Northwest Clean Air Agency will provide funding for the purchase of materials and distribution of DIY air cleaner kits to Whatcom County residents in rural areas who are disproportionately vulnerable to the public health impacts of extreme heat and wildfire smoke. In recent years, public health hazard risk from extreme heat and wildfire smoke has increased in Whatcom County. Community partners including the Deming Library, Project Hope/Lynden Food Bank, and the Opportunity Council will distribute DIY air filter kits with simple and low operational costs. Whatcom County Health and Community Services will develop an assessment plan to help determine the success of this public health intervention.

Funding Amount and Source

Northwest Clean Air Agency will provide up to \$3,000 in funding to support this project, 50% of the estimated project costs. Funding will be included in the 2024 budget and Council authorization is required per RCW 39.34.030(2) for agreements between public agencies.

Please contact Sue Sullivan, Environmental Health Manager at 360-778-6026 (<u>SSulliva@co.whatcom.wa.us</u>) if you have any questions.

Encl.



Whatcom County Contract No. 202405018

INTERLOCAL AGREEMENT BETWEEN NORTHWEST CLEAN AIR AGENCY AND WHATCOM COUNTY

This Agreement is made and entered into by and between Whatcom County, a County in the State of Washington and Northwest Clean Air Agency, a government agency in the State of Washington who is responsible for protecting the air in Island, Skagit and Whatcom counties, pursuant to the authority granted by Chapter 39.34 RCW, Interlocal Cooperation Act.

PURPOSE

This Interlocal Agreement (ILA) establishes an agreement between Northwest Clean Air Agency (referred to hereafter as NWCAA) and Whatcom County Health & Community Services (referred to hereafter as WCHCS) for the purpose of funding the purchase of materials and distribution of DIY air filter kits to Whatcom County residents who are disproportionately vulnerable to the public health impacts of extreme heat and wildfire smoke.

2. TERM

The effective date of this ILA is the date of the last signature. It shall remain in effect until August 31, 2024 or until terminated by either party, whichever is sooner.

3. SCOPE

NWCAA will provide funding to support the purchase of materials and distribution of DIY air cleaner kits to Whatcom County residents in rural areas who are disproportionately vulnerable to the public health impacts of extreme heat and wildfire smoke. More information about the proposed activities and prioritized populations is included in Exhibit A of this ILA.

4. NWCAA RESPONSIBILITIES

NWCAA will provide 50% (\$3,000) of the total project costs of materials and distributions of DIY air cleaner kits.

5. WCHCS RESPONSIBILITIES

The goal is to get these kits to community partners before wildfire season begins impacting air quality in Whatcom County. The target date for the first kit distribution to community partners is June 30, 2024.

In implementing this ILA, WCHCS will:

- a. Purchase materials for approximately 100 DIY air cleaner kits. Each kit includes: one 20" box fan, two 20"x20"x1" MERV 13 rated air filters, two large bungee cords to secure filter to fan, informational handout on wildfire smoke/extreme heat, and safe box fan filter assembly and operation instructions (see attached Exhibit A).
- b. Provide kits to community partner organizations who will facilitate distribution of the kits in the summer of 2024 to the following prioritized groups, who are in households that would not otherwise have them:
 - People experiencing the effects of environmental racism (low-income, immigrant, refugee, communities of color)
 - Young children
 - People with respiratory disease or illness, heart disease or chronic disease (e.g., diabetes)

- People over 65 years of age
- People who have/have had COVID-19
- Pregnant people
- Multigenerational households
- Outdoor/farm workers

6. PRINCIPAL CONTACTS

The principal contacts for this agreement shall be:

Sue Sullivan
Environmental Health Manager
Whatcom County Health & Community Services
509 Girard Street
Bellingham, WA 98225
SSulliva@co.whatcom.wa.us

Mark Buford
Executive Director
Northwest Clean Air Agency
1600 South 2nd Street
Mount Vernon, WA 98273
MarkB@nwcleanairwa.gov

7. FUNDING

NWCAA agrees to provide up to \$3,000 in funding to WCHCS for the activities specified in Section 5. – WCHCS Responsibilities, above. Payment shall be based on properly executed monthly invoices. WCHCS will submit invoices and documentation of purchases by the 15th of the month, following the month being invoiced. Invoices shall be sent to 1600 South 2nd Street – Mount Vernon, WA 98273, attention Alicia Hushka.

8. MODIFICATIONS

This ILA may be changed, modified, amended, or waived only by written agreement executed by NWCAA and the County Executive (or designee). Waiver or breach of any term or condition of this ILA shall not be considered a waiver of any prior or subsequent breach.

9. INDEMNIFICATION

Each party agrees to be responsible for the actions of its officers, agents, and employees and will assume responsibility for any liability which arises in connection with, any negligent act or omission pertaining to its activities and obligations under this Agreement.

10. NONDISCRIMINATION

There will be no discrimination against any participant covered under the Agreement because of race, color, religion, national origin, sex (including pregnancy and parenting status), disability, age, veteran status, sexual orientation, gender identity or expression, marital status or genetic information in programs or activities including employment, admissions, and educational programs.

11. DISPUTE RESOLUTION

Differences between WCHCS and NWCAA, arising under and by virtue of this Agreement, shall be brought to the attention of the principal contact (listed above) of each Agency at the earliest possible time in order that such matters may be settled or other appropriate action promptly taken.

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12. TERMINATION

Either party can terminate this ILA, providing written notice is sent to the other party no less than 14 calendar days from the desired termination date.

13. ENTIRE AGREEMENT

This Agreement represents all the terms and conditions agreed upon by the parties. No other understandings or representations, oral or otherwise, regarding this Agreement shall be deemed to exist or to bind any of the parties hereto.

Whatcom County		Northwest Clean Air Agency				
Docusigned by: Satpal Single Sidle 119207C18B664E3.	5/28/2024	DocuSigned by: Mark Buford D44B398A3C284C6	5/24/2024			
Satpal Sidhu, County Executive	Date	Mark Buford, Executive Director	Date			
WHATCOM COUNTY:	DocuSigned by:					
APPROVAL AS TO PROGRAM:	Su Sullivan 051358A396BB46E		5/24/2024			
	Sue Sullivan, Environmenta	al Health Manager	Date			
DEPARTMENT HEAD APPROVA	Docusigned by: Erika Lautenbach 955C651A30374BD	,	5/24/2024			
	Erika Lautenbach, Heal	th and Community Services Directo	r Date			
	ocusigned by: Vistophur Quinn C466EF5C88B4FD		5/24/2024			
Chris	stopher Quinn, Chief Civil D	eputy Prosecutor	Date			

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Exhibit A – Safe Box Fan Filter Assembly and Operation Instructions

How to Use a DIY Air Cleaner:

- · Use the fan in the room you spend the most time in.
- Position the fan toward the middle of the room, away from walls and big objects. Do not position the fan near a dusty or dirty area or the fan will blow the dust into the air.
- Close all windows and doors while fan is in use. The filter fan can't clean the air if outside pollution is reentering the room.
- Use the fan for at least 10-15 minutes when needed.
- · Turn off the fan periodically to prevent overheating.
- · Turn off the filter fan when you leave the room.
- · Replace the filters every three months, or when they look dirty.
- Reminder: Box fans were not designed for use with filters and the safety of filter fans have not been tested.
- . DO NOT use the fan in the bathroom or near water
- · DO NOT use while sleeping or not at home.



How to build your own DIY Filter Fan:

You can also make your own box fan filter at home, which can reduce 90% of certain types of airborne pollutants.

You will need:



20" Box Fan (made in 2012 or newer)



20"x20" Air Filter (Merv 13 or FPR 10)



Bungee Cords (2) or heavy-duty tape

- 1. Check the filter for the direction of the air flow. Place filter on back (air intake side of fan). Make sure the arrow on the side of the filter is pointing toward the fan.
- 2. Use tape or bungee cords to attach the filter securely to the fan. Use cords around the edges only, do not block air flow through the fan.
- 3. Replace filter every three months or when it looks dirty.

Enjoy cleaner and healthier air in your home!

PARTICIPANT EXPRESSLY AGREES AND ACKNOWLEDGES THAT CREATING AND USING A DO-IT-YOURSELF AIR CLEANING KIT SHALL BE AT THE SOLE RISK OF THE CREATOR AND/OR USER. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN OR ACTION TAKEN BY WHATCOM COUNTY, ITS OFFICERS, AGENTS, PARTNERS, DISTRIBUTION SITES OR AUTHORIZED REPRESENTATIVES SHALL CREATE ANY WARRANTIES, PRODUCT ENDORSEMENTS OR MEDICAL ADVICE, WHATCOM COUNTY IS NOT THE MANUFACTURER OR SELLER OF THE PRODUCTS OR THE AGENT OF ANY MANUFACTURER OR VENDOR. MAKING THESE ITEMS AVAILABLE IN NO WAY CONSTITUTES AN ENDORSEMENT OF SUCH BY WHATCOM COUNTY, NOR ANY REPRESENTATION OR WARRANTY AS TO THE SAFETY, EFFICACY OR APPROPRIATENESS OF THE PRODUCTS IN EACH INDIVIDUAL'S CIRCUMSTANCES. Participant should use the Product according to the Product vendor's recommendations and shall look solely to any terms, representations, and warranties given by applicable Product vendor.

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Do-It-Yourself (DIY) Air Cleaner Kit



One easy and affordable way to make your own air cleaner at home is with a box fan and a furnace filter. These "filter fans" can filter out the small particles that are common in wildfire or wood smoke. Particle pollution can lead to a number of immediate and long-term health impacts such as trouble breathing, asthma attacks, and lung and heart disease. Particle pollution is especially dangerous for children, the elderly, and people with sensitive immune systems.

Where to get a kit:

There are a limited number of FREE DIY air cleaner kits available at these locations, while supplies last. This limited resource is prioritized for households with elders, the very young, low income residents, and/or those with health concerns related to breathing.

Deming Library

5044 Mt Baker Hwy Deming, WA (360) 592-2422

Project Hope

205 S British Columbia Ave #105 Lynden, WA (360) 354-4673

East Whatcom County Regional Resource Center

8251 Kendall Rd Maple Falls, WA (360) 599-3944

Nooksack Indian Tribe HOC

5018 Alder St Deming, WA (360) 592-0141

How to assemble your DIY air cleaner kit:

Follow these instructions to assemble your DIY Air Cleaner kit. Kit contents include:



24" Box Fan



24" x 24" Air Filter (Merv13 or FPR 10)



Bungee Cords (2)



1. Check the filter for the direction of the air flow. Place filter on back (air intake side of fan). Make sure the arrow on the side of the filter is pointing toward the fan.



2. Use the bungee cords to attach the filter securely to the fan. Use cords around the edges only, do not block air flow through the fan.



3. Place in an area away from obstacles and turn the fan on. Run the fan on high for a few hours if your indoor air quality is already poor, then turn it to medium to keep it clean.