

National Tribal Air Association

IAQ Considerations to Assist Tribes in Re-Opening Tribal Buildings: An Overview of COVID in the Workplace and Funding for Tribes

July 29, 2020

Indoor Air Quality Informational Webinar

An Overview of COVID in the Workplace &
Funding for Tribes: Re-Opening Tribal Buildings
Wednesday, July 29th, 2pm ET



Webinar Agenda:

1. Welcome & Introductions
2. An Overview of COVID in the workplace & Indoor Air Quality Considerations
3. Funding for Tribes to re-open the workplace
4. Questions & Discussion



Featured speakers include:

Philmer Bluehouse (Diné), Mansel Nelson (ITEP),
Holly Thompson Duffy (NPAIHB), Gillian Mittelstadt
(THHN), Hilary Atkin and Danielle Schopp (HUD
ONAP), & Pat Childers and Nate McMichael (EPA
OAR)



Informational webinars
will last 1.5 hours
and are free and
open to the public.

Click here to
register!

Hosted by the National Tribal Air Association
Indoor Air Quality Work Group





Webinar Agenda:

1. **Welcome and Introductions:** Ernie Grooms, NTAA IAQ Work Group Lead
2. **An Overview of COVID in the workplace & Indoor Air Quality Considerations:**
 - a. An Indigenous Perspectives on COVID: *Philmer Bluehouse, Traditional Diné Peacemaker*
 - b. Latest science review: *Mansel Nelson, Institute for Tribal Environmental Professionals*
 - c. Summary of Recommendations: *Holly Thompson Duffy, Environmental Health Consultant for the Northwest Portland Area Indian Health Board*
3. **Funding for Tribes to re-open the workplace**
 - a. CARES Act Technical Assistance Guidance: *Oxcenia O'Domin of Alaska Native Tribal Health Consortium*
 - b. Indoor Air Funding Directory for Tribes: *Gillian Mittelstaedt of the Tribal Healthy Homes Network*
 - c. Overview of HUD Funds: *Danielle Schopp from the U.S. Department of Housing and Urban Development's Office of Native American Programs (HUD ONAP)*
 - d. Overview of EPA Indoor Air Quality Resources: *Pat Childers and Nate McMichael, EPA's Office of Air and Radiation (EPA OAR)*
4. **Review Attendee Questions and Discussion:** Andy Bessler, NTAA Project Director

Funding for Tribes to re-open the workplace:

CARES Act Funding to Tribes – ANTHC Technical Assistance Guidance

Oxcenia O'Domin, Alaska Native Tribal Health Consortium





CARES Act Funding to Tribes – ANTHC Technical Assistance Guidance

Through the Coronavirus Relief fund, the CARES Act provides payments to state, local, and tribal governments navigating the impact of the COVID-19 outbreak.

Treasury has posted guidance to Tribal governments on the permissible uses for these funds on its website:

<https://home.treasury.gov/system/files/136/Coronavirus-Relief-Fund-Guidance-for-State-Territorial-Local-and-Tribal-Governments.pdf>

Treasury has also issued a Frequently Asked Questions document, found here:

<https://home.treasury.gov/system/files/136/Coronavirus-Relief-Fund-Frequently-Asked-Questions.pdf>





CARES Act Funding to Tribes – ANTHC Technical Assistance Guidance

This CARES Act funding may only be used to cover costs that:

1. Are necessary costs incurred responding to the Coronavirus Disease 2019 (COVID–19) public health emergency;
2. Were not included in the Tribe's most recent budget that was approved on or before March 27, 2020 (the date of enactment of the CARES Act); and
3. Were incurred between March 1, 2020, and December 30, 2020.





CARES Act Funding to Tribes – ANTHC Technical Assistance Guidance

Before spending any CARES Act funds, it is recommended that the Tribe consider taking the following steps:

1. Develop a budget
2. Develop program/project descriptions for the funding.
3. If the community also has a municipal (city) government, see how they plan to use their CARES Act funds to ensure efforts aren't duplicated and to increase cooperation across local agencies.
4. Obtain Tribal Council approval of the programs/projects and budgets. This approval should be by written resolution.
5. Set up a separate chart of accounts to track revenue and specific expenditures related to CARES Act fund use.
6. Review reporting requirements <https://home.treasury.gov/system/files/136/IG-Coronavirus-Relief-Fund-Recipient-Reporting-Record-Keeping-Requirements.pdf>





CARES Act Funding to Tribes – ANTHC Technical Assistance Guidance

Determining Eligible Costs

Tribal governments are responsible for making determinations as to what expenditures are necessary due to the COVID-19 public health emergency and do not need to submit any proposed expenditures to Treasury for review/approval.

Examples of Eligible expenditures include (but are not limited to):

- Medical Expenses
- Public Health Expenses
- Payroll expenses for services dedicated to mitigating or responding to COVID-19
- Expenses of actions to facilitate compliance with public health measures
- Expenses associated with the provision of economic support for those who have been impacted by COVID-19
- Any other COVID-19-related expenses reasonably necessary to the functioning of the government.





CARES Act Funding to Tribes – ANTHC Technical Assistance Guidance

Rural Alaska Expense Ideas

- Water/Sewer
- Public Health Expenses
- Indoor Air Quality Improvements
- Public Health Measures
- Administrative

The ANTHC CARES Act Funding to Tribes guidance does not intend to provide legal or financial advice to local governments. Its content is meant to inform decision making and provide resources for discussion purposes only. It is not a substitute for obtaining your own legal and financial advice. Expenses should be necessary and allowable.



Funding for Tribes to re-open the workplace:

IAQ Funding Resources Applicable to COVID Risk Mitigation

Gillian Gawne-Mittelstaedt, DrPH Candidate, MPA
Director, Tribal Healthy Homes Network

1-800-717-2118 Ext. 2

www.thhnw.org





New England Journal of Medicine

“Our results indicate that aerosol *and* fomite transmission of SARS-CoV-2 is plausible, since the virus can remain viable and infectious in ***aerosols*** for hours and on ***surfaces*** up to days.”

N. van Doremalen, N., Bushmaker, T., Morris, D. H., Holbrook, M. G., Gamble, A., Williamson, B. N., Tamin, A., Harcourt, J. L., Thornburg, N. J., Gerber, S. I., Lloyd-Smith, J. O., de Wit, E., & Munster, V. J. (2020). Aerosol and Surface Stability of SARS-CoV-2 as Compared with SARS-CoV-1. *New England Journal of Medicine*, 382(16), 1564–1567. <https://doi.org/10.1056/NEJMc2004973>



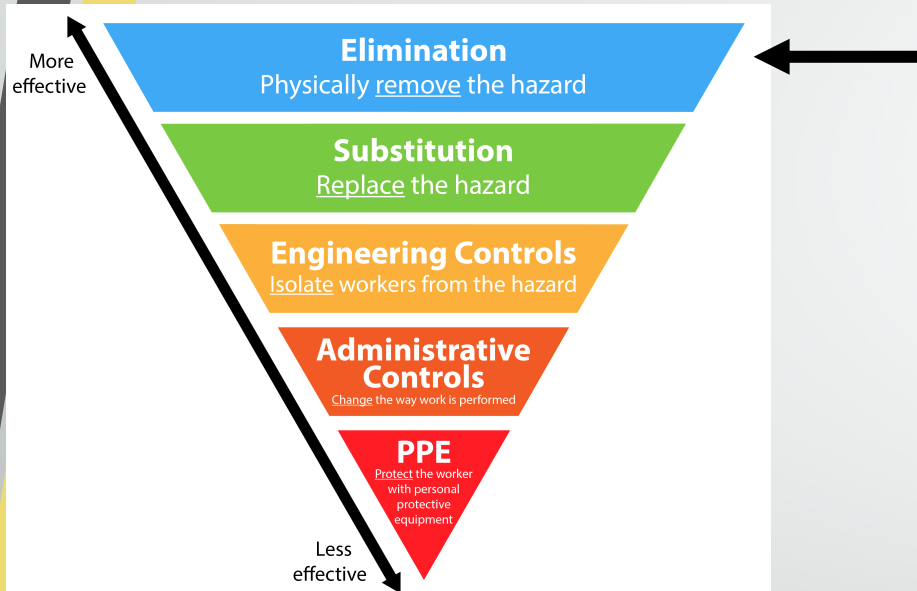
National Institute of Standards and Technology

“The current data suggest the novel coronavirus is primarily transmitted through contact with larger droplets, but tiny aerosols can also harbor the virus and may pose a threat to people, especially indoors. To establish a sound defense against these aerosols, informed ***management of airflow and airborne contaminants*** could be critical.”

(2020, June 11). *NIST Airflow Model Could Help Reduce Indoor Exposure to Aerosols Carrying Coronavirus* [Text]. NIST. <https://www.nist.gov/news-events/news/2020/06/nist-airflow-model-could-help-reduce-indoor-exposure-aerosols-carrying>



NIOSH Hierarchy of Controls



Ventilation
(IAQ best practice used to exchange inside air with outdoor air)

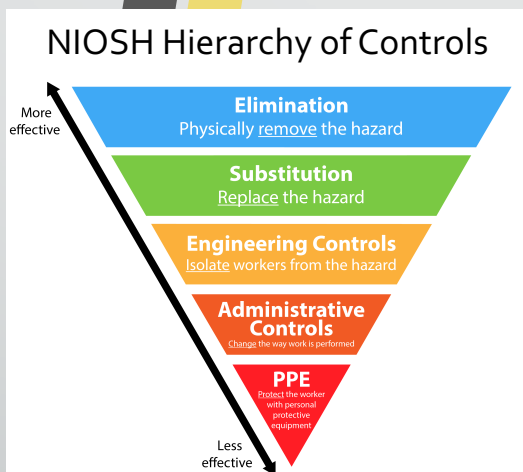
Filtration
(IAQ best practice using technology to remove particles from an air stream)

Safer Choice Cleaning
(IAQ best practice using non-toxic products and methods to clean and disinfect)

Reduce and remove aerosolized SARS-CoV-2

Strategies for COVID risk mitigation, **as well as** strategies for mitigating many other health hazards in indoor environments

Reduce and remove surface SARS-CoV-2



Ventilation
(IAQ best practice used to exchange inside air with outdoor air)

Filtration
(IAQ best practice using technology to remove particles from an air stream)

Safer Choice Cleaning
(IAQ best practice using non-toxic products and methods to clean and disinfect)

*Reduce and remove
aerosolized
SARS-CoV-2*

*Reduce and remove
fomite
SARS-CoV-2*

What IAQ funding resources are available for these COVID mitigation strategies?



The Tribal Indoor Air Funding Directory

Healthy Indoor Air. A Few Clicks Away.

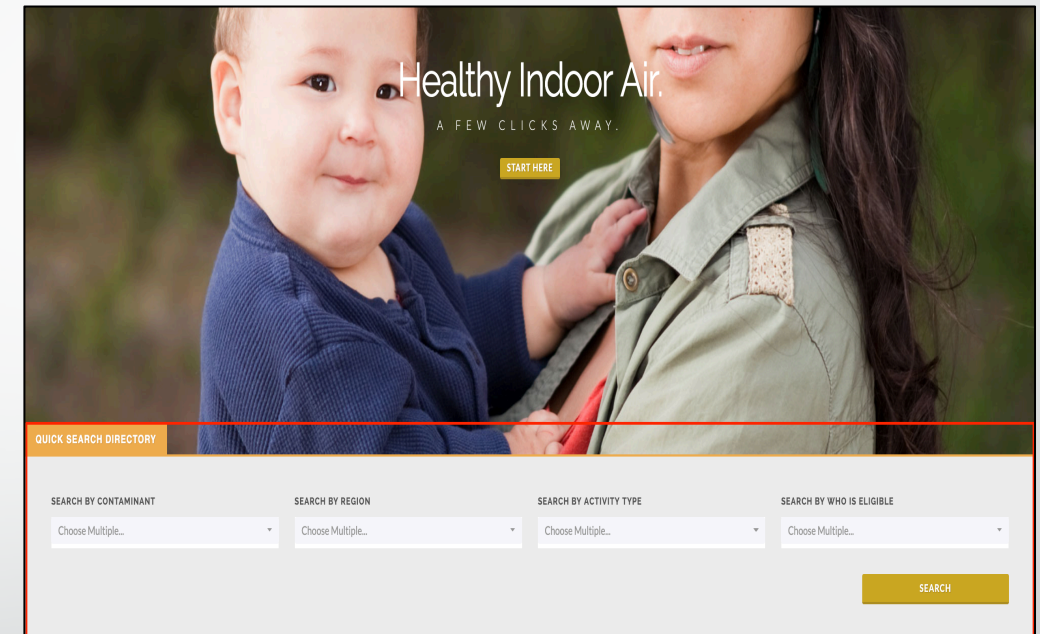


TRIBAL INDOOR AIR
FUNDING DIRECTORY



“Quick Search” Directory

- Select multiple filters from each drop down.
- Best for users previously familiar with the site.





Filtering Categories



By Contaminant Examples

Radon

Asbestos

Mold



By Eligibility Examples

Tribe

Individual

TDHE



By Region Examples

Alaska

National

Snohomish County



By Activity Type Examples

Outreach

Research

Remediate





Conducting a search for “Ventilation”:

tribalindoorairfunding.org/?topics%5B%5D=iaq-topics%2Fventilation%2F®ions%5B%5D=regions%2Fnational%2F&activities%5B%5D=activity-type%2Frepair-remediate-or-mitigate%2F&eligibles%5B%5D=eligi...

TRIBAL INDOOR AIR FUNDING DIRECTORY
an initiative of the Tribal Healthy Homes Network

HOME ABOUT AGENCIES FUNDING TIPS CONTACT

QUICK SEARCH DIRECTORY

SEARCH BY CONTAMINANT
Ventilation

SEARCH BY REGION
National

SEARCH BY ACTIVITY TYPE
Repair, Remediate, or Mitigate

SEARCH BY WHO IS ELIGIBLE
Federally-Recognized Indian Tribe

SEARCH



CONTAMINANTS Clear

Lead	11
Asbestos	11
Radon	10
Mold and Moisture	12
Ventilation	15
VOCs (Volatile Organic Compounds)	12
Household Chemicals/Green Cleaning	10
Woodsmoke	12
Home Heating or Cooling	13
Combustion Devices	13
Asthma	13
Pests	11
Methamphetamine	10
PM2.5	13
Whole House/Energy Efficiency	12
Carbon Monoxide	12
Formaldehyde	12

REGIONS ClearNational 15ACTIVITY TYPE Clear

Outreach and Education	5
Testing and Sampling	3
Data Collection and Research	2
Repair, Remediate, or Mitigate	15
New Construction or Remodel	10
Technical Assistance	3
Public Health/Health Care Services	1

Search Results

The following search criteria is in effect.

Activity Type: Repair, Remediate, or Mitigate Eligibility: Federally-Recognized Indian Tribes Contaminant: Ventilation Region: National

We found 13 funding programs that match your search criteria.

+ 533 HOUSING PRESERVATION GRANT

US DEPARTMENT OF AGRICULTURE (USDA)

Grant intended to make repairs to homes of low-income residents in rural areas.



+ AMERICORPS INDIAN TRIBES GRANTS (CFDA NO. 94.006)

CORPORATION FOR NATIONAL AND COMMUNITY SERVICE

Grants and AmeriCorps service members offered to tribes and tribal organizations to support community-focused housing and health projects.



+ CLEAN AIR ACT 105 GRANTS

ENVIRONMENTAL PROTECTION AGENCY (EPA)

Grants offered to tribes through the Clean Air Act for the implementation of programs meant to control air pollution, both ambient and indoor.



+ HEALTHY HOMES PRODUCTION GRANT PROGRAM FOR TRIBAL HOUSING

US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)

Grant allows tribes to conduct healthy homes retrofits on existing homes.



+ INDIAN COMMUNITY DEVELOPMENT BLOCK GRANT (ICDBG)

US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)

Grant for housing remediation and economic development in native communities.



+ INDIAN ENVIRONMENTAL GENERAL ASSISTANCE PROGRAM (IGAP)

ENVIRONMENTAL PROTECTION AGENCY (EPA)

Grants meant to assist tribes in implementing their own environmental protection agencies.

ELIGIBLE APPLICANTS ClearFederally-Recognized Indian Tribe 15Non-Federally Recognized Indian Tribes 2Alaska Native Village 7Tribal Housing Authority/TDHE 7Individual Renter or Homeowner 2Tribal College or University 2Non-Profit 4Private Businesses 1Rural Utility Providers 1Hospital or Health Care Facilities 1Schools and Early Learning 1Tribal Consortia 2

+ INDIAN HOUSING BLOCK GRANT (IHBG)

US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)

Non-competitive grants used to fund a range of tribal affordable housing activities.



+ INDIAN HOUSING BLOCK GRANT (IHBG) COMPETITIVE PROGRAM

US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)

HUD offers competitive awards to tribes and TDHs for housing construction and rehabilitation projects.



+ LEAD AND HEALTHY HOMES TECHNICAL STUDIES PROGRAMS

US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)

Grants available for researching housing-related health hazards.



+ LOW INCOME HOME ENERGY ASSISTANCE PROGRAM (LIHEAP)

US DEPARTMENT OF HEALTH AND HUMAN SERVICES

Grants that can be used to assist with energy costs and fund weatherization improvements.



+ SOCIAL AND ECONOMIC DEVELOPMENT STRATEGIES

US DEPARTMENT OF HEALTH AND HUMAN SERVICES ADMINISTRATION FOR NATIVE AMERICANS

Grants for tribes and tribal organizations funding community-focused environmental health projects.



+ TITLE VI LOAN GUARANTEE PROGRAM

US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)

Loans for IHBG borrowers to fund additional construction or repair efforts.



+ WEATHERIZATION ASSISTANCE PROGRAM (WAP)

DEPARTMENT OF ENERGY

Grants for residents to make energy efficiency improvements and address health hazards within the home.





Example of IAQ-Funded Practices or Interventions to Improve Ventilation, Filtration and Safer-Choice Cleaning

	Short-Term	Medium or Longer Term
Ventilation	Provide phone or video-based technical assistance to building maintenance and facilities staff to evaluate building ventilation issues	Retrofit older building to install HVAC unit
Filtration	Distribution of portable air cleaners to high-risk households, school or office buildings	Install and maintain MERV-13 or higher filters in HVAC systems
Safer Choice Cleaning	Provide safer-choice cleaning products as kits for each workstation as offices open up	Develop and adopt Safer Choice cleaning policy to require green cleaning practices across all custodial programs



Resource: Funding Directory Tutorial

The screenshot shows a ClickMeeting interface. The main content area displays the title "Webinar and Tutorial: The New Tribal Indoor Air Funding Directory" in a blue box, followed by the subtitle "Healthy Indoor Air. A Few Clicks Away." in italics. The Tribal Healthy Homes Network (THHN) logo is visible in the top right and bottom left. The bottom left also shows the copyright notice "© Tribal Healthy Homes Network 10/17/19". A video player at the bottom indicates the video is at 0:11 / 57:33. On the right, a chat window shows messages from Jane Kahkonen and Tribal Healthy Homes Network. The ClickMeeting logo is in the bottom right corner of the video player area.

Tribal Healthy Homes Network

Webinar and Tutorial: The New Tribal Indoor Air Funding Directory

Healthy Indoor Air. A Few Clicks Away.

THHN

© Tribal Healthy Homes Network 10/17/19

0:11 / 57:33

Tribal IAQ Funding Directory - Tutorial Webinar

TH

Tribal Healthy Homes Net...

AV POD

CHAT

Jane Kahkonen
Do I need to call in for audio or will there be audio on PC ??

Tribal Healthy Homes Network
Hello everyone. We will get started in just a few minutes

Tribal Healthy Homes Network
Yes - you should hear audio in a moment

Jane Kahkonen
Miigwech :)

ClickMeeting



Resource: COVID and Safe Cleaning Webinar


Webinar Aim: To reduce the transmission of COVID-19 in the indoor environment, in tribal and impacted communities. Hosted by the Partnership for Air Matters, in collaboration with tribal, state and federal partners.



SAFE AND PROPER USE OF DISINFECTANTS
AND HOUSEHOLD CLEANERS IN THE
INDOOR ENVIRONMENT.

AN EXPERT PANEL ON SEPARATING FACT FROM FICTION





TRIBAL HEALTHY HOMES NETWORK

Building knowledge, skills, and tools because your AIR MATTERS

www.thhnw.org

1. Tribal Indoor Air **Funding Directory** and Database: [Click Here](#)
2. **Tutorial** for Navigating the Funding Directory: [Click Here](#)
3. Recorded THHN **Webinar “Safe and Proper Use of Disinfects and Cleaners: An Expert Panel on Separating Fact from Fiction”**: [Click Here](#)
4. Safer Choice Cleaning Practices (EPA Product Search Database): [Click Here](#)
5. **Commercial Ventilation and Filtration Best Practices** (2020 ASHRAE Guidance: [Click Here](#))
6. **Residential Filtration Best Practices** (2019 ASHRAE Guidance for Residential Air Cleaners): [Click Here](#)