**Quality Assurance Project Plan**

**indoor air quality assessment**

 US EPA-Funded Category 4 Project: Education/Outreach

### *Prepared By:*

### *Date:*

### ACKNOWLEDGEMENTS

We would like to thank XXXX for their help in XXXX.  ***If there is someone who has significantly helped you, or provided equipment, you may want to thank them here.*** This template was developed from work done by Jim Woods of the Makah Tribe and Melinda Ronca-Battista of the Institute for Tribal Environmental Professionals Tribal Air Monitoring Support Center.

**INSTRUCTIONS FOR USING THIS TEMPLATE*: items in red/italics are information for you to use to complete a section or paragraph, and need to be deleted before the QAPP is complete. The XXXX characters are where you may want to add or delete information. TEXT IN CAPITALS MUST BE REPLACED BY YOUR OWN TEXT, FOR EXAMPLE, THE NAME OF YOUR ORGANIZATION AND STAFF TITLES.***

***This template contains the sections that EPA deems appropriate for category 4 QAPPs, which are those written for projects whose objectives are limited to education and outreach. Such projects may include limited measurements, but the measurement results would not be used to determine whether levels were “above” or “below” particular thresholds. These category 4 QAPPs only need to contain six of the 24 sections normally included in a QAPP. In this case, we have included 7 sections, including a section on data management (which in this case is information management via the checklists) because it is important to plan how the information will be gathered, recorded, and used.***

***If your project is funded by the US EPA, a QAPP is a required part of your project. It may be that your project involves more than education and outreach, and in that case this abbreviated form of a QAPP is not appropriate. Copies of the US EPA’s graded approach and which sections are needed for which types of projects can be found on the US EPA’s website at*** [***http://www.epa.gov/QUALITY/exmural.html#pagecontents***](http://www.epa.gov/QUALITY/exmural.html#pagecontents) ***and*** [***http://www.epa.gov/ttnamti1/files/ambient/monitorstrat/gradeapp.pdf***](http://www.epa.gov/ttnamti1/files/ambient/monitorstrat/gradeapp.pdf)

 ***In any case, it is important that you consult with your project officer at the US EPA to ensure that your QAPP meets their expectations for your type of project.***

***The intent of writing a QAPP is to improve the outcome of a project, by involving everyone that is part of the project in the planning process, making sure that everyone in the project agrees on the objectives and how the project will be conducted, and to make sure that the assessments made will actually answer the questions that people have. “Why are we doing this?” is the first question that should be asked during the planning process, and the answer to that question should drive the project’s design.***

 **QA Project Plan Identification and Approval (A1)**

**Title:** THIS TRIBE-OR-VILLAGE *Quality Assurance Project Plan for Indoor Air Quality Assessment*

This QAPP for the Indoor Air Program commits our office to follow the procedures described and referenced in this plan, and the following individuals agree to this plan and their responsibilities for ensuring that these requirements are met.

The Air Quality Project Officials

1) Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_

 xxxxxxxxxxxxx, XXXX Tribal Chairman ***(as appropriate, this may not be necessary)***

2) Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_

 Xxxxxxxxx, ***Project Manager,*** ***add or delete these lines and insert names and titles***

3) Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_

 xxxxxxx, ***Natural Resources Dept. Director, add or delete these lines and insert names and titles***

4) Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_

 XXXXXXX, ***Environmental Specialist, add or delete these lines and insert names and titles***

U.S. Environmental Protection Agency, Region 10

7) Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_

 Mary Manous, Project Officer

 EPA, Office of Air Quality

8) Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_

 Chris Hall, Quality Assurance Specialist,

 EPA, Office of Environmental Assessment

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**Project/Task Description (A6)**

**Description of Work to be Performed**

The project will qualitatively assess buildings for key factors that may affect indoor air quality, such as signs of mold, mildew, unsealed windows and doors, unvented crawl spaces, unvented combustion devices such as furnaces which can produce carbon monoxide and particulate matter, and XXXXXXXXXX. Checklists will be used to evaluate and document the potential for poor indoor air quality, and these checklists will be XXXXX given to building occupants to assist them in improving their indoor air quality.

The beginning of the project includes two tasks. First, the checklist will be tailored to fit the needs of this community, the types of buildings here, and the effects of climate on our building construction and lifestyle, and made as specific as possible (see section 14). The IAQ Assessment Checklist will be decided upon by XXXX and XXXX in consultation with XXXX ***(you may want to include the US EPA or a tribal consortium with whom you are working*.) (*An initial draft is attached in the appendix).***

Second, public meetings will be held to inform the community about the project and to obtain input from community members about their concerns, so that the project can best meet their needs, including as full participation as possible.

Copies of the checklists will be kept by the XXXX NATURAL RESOURCES OFFICE. The project will use the results of the assessments to further understand the indoor air quality issues faced by XXXX residents, and to recommend further action.

**Field Activities**

An Air Quality Specialist will first obtain permission from building occupants to conduct the assessment. ***This permission may be in the form of a signed agreement, or may be oral. If you decide that permission should be documented, there is an example signature line in the last section of the example checklist in the Appendix.***

In many cases, multiple locations in a building (such as in schools) will be assessed. When the assessment begins, the assessor will discuss the size and number of rooms in the building and how long the assessment will take, what rooms should be assessed, and will use their best judgment as to whether all rooms should be assessed or only those likely to be important for identifying indoor air quality issues. Assessors should at all times remember that entering someone’s home can be intrusive, even to provide health-related information, and that their respect and courtesy will improve the success of the project and their community’s health.

**Quality Objectives and Criteria for Measurement Data (A7)**

**Data Quality Objective**

The objective of this project is to obtain an understanding of the issues affecting indoor air quality in buildings in ***THIS*** ***TRIBE-OR-VILLAGE*** community through assessment (observations) in buildings and residences. The information obtained in the study will be used primarily for informing the building occupants of potential indoor air quality problems, but also may be used for tallying the primary issues in the community, so that future work can be planned.

An educational meeting will be held with members of the community to discuss indoor air quality and this assessment and how it pertains to their good health. A summary report (without specific addresses) will also be made available to ***XXXX (US EPA?)*** for informational and reporting purposes.

Summary information (without specific addresses or building identifications) will be kept in the XXXX NATURAL RESOURCES OFFICE, ***may be publicly available, and may be used by people interested in improving indoor air quality throughout Alaskan communities.*** For example, problems with high humidity can be mitigated by using vapor barrier or other techniques, or high carbon monoxide concentrations may be decreased by installing more adequate makeup air systems. The measurement results may be used by the XXXX to increase public awareness of the importance of the various indoor air quality hazards and how to address remediation strategies.

The study will include all homes and buildings in the community**.  *(If this is not possible, you should include here how you are going to choose which buildings get assessed. This might be: everyone who agrees to participate, or at least five buildings of each type of building in the community, or all the public buildings, etc.)***

Measurements will be conducted during the winter of ***2010-2011 XXX***, during a time when homes are generally kept closed and indoor air quality is expected to be at its worst. This season extends through ***May***.

**Sampling Design (B1)**

The sampling design is simple: all buildings whose occupants agree to participate in the study will be assessed. The checklist used during the assessment applies only to each individual building that was visited. If a building cannot be assessed, the missed buildings do not affect the study outcome, other than not being able to provide information to that building’s occupants that might improve their health. ***If this study is not designed to assess all buildings, this section should describe how you will pick which buildings will be assessed. For example, you may assess at least five of each type of building in your community. In this case, you should describe here how you will pick those five buildings. Also, if schools or other large buildings are to be included, this section should describe how you will decide which rooms or floors in such large buildings will be assessed.***

**Analytical Methods Requirements (B4)**

There are no analytic measurements required for this project. The assessments are conducted by visual inspection during walk-throughs of the building, and discussions with building occupants.

**Quality Control (B5)**

Quality control (QC) for this project is limited to the measures taken to ensure that the assessments are conducted in a way that:

* Is consistent between buildings,
* includes all the items on the checklist in each building (or indicates n/a if that section is not appropriate to the particular building),
* includes all the buildings intended for assessment, and
* accurately summarizes the information on the checklists in reports.

All assessments will be conducted by at least two people from the XXX NATURAL RESOURCES OFFICE, or one person from the DEPARTMENT and a designated assistant approved by the project manager. (This may include family members or friends; the purpose of never having one person conduct the assessment is for health and safety reasons, as well as to help make the assessments complete by having another set of eyes and to check the accuracy of the checklist.) The project will begin with assessments conducted as “dry runs” of the checklist, so that it can be refined as needed.

**Data Management (B10)**

The checklists will be kept on clipboards. Checklists will be returned to the XXXX NATURAL RESOURCES OFFICE as they are completed, and copies will be made (or scanned into backup files) so that the information will not be lost (and building occupants do not have to be bothered a second time). Photocopies will be provided to the building occupants if they ask for copies. Photocopies (and/or computer files) will be stored in the office and not made available to the public.

As the checklists are completed, the project staff will start to tally and summarize the results. The level of detail in the summary is dependent upon how much detail comes back in the checklists, and the project management will provide guidance on how the summaries are to be written as the checklists are completed and reviewed by the project staff.

Project reports and summaries will not be released to the public or outside the XXX Office until they are reviewed by the XXX Project Manager. In no case will individual checklists or building identifications be provided to anyone outside the XXX Office unless the building occupants first give their approval to such a release of information.

###### Information Provided to Building Occupants

A set of brochures and pamphlets containing information on indoor air quality will be brought to each building and made available to the building occupants. These brochures are those that are available from the EPA regional office and the EPA Internet site about indoor air quality (<http://www.epa.gov/iaq/pubs/> ).

References

1. EPA Guidance for Quality Assurance Project Plans EPA/240/R-02/009, 2002, <http://www.epa.gov/quality/qs-docs/g5-final.pdf>
2. QA Handbook Volume II, Appendix C, Using the Graded Approach for the Development of QMPs and QAPPs in Ambient Air Quality Monitoring Programs, Dec. 2008, <http://www.epa.gov/ttnamti1/files/ambient/monitorstrat/gradeapp.pdf>
3. Indoor Air Pollution: An Introduction for Health Professionals, <http://www.epa.gov/iaq/pubs/hpguide.html>

**Appendix**

**INDOOR AIR ASSESMENT CHECKLIST**

**Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Building ID # \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Phone # \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

# *OUTSIDE*

**Weather Condition:**

Temp. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Relative Humidity \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Wind \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Wind Speed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rain / Precipitation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Building Type:**

Stick Built \_\_\_\_\_\_\_\_\_\_ Mobile \_\_\_\_\_\_\_\_\_\_ Modular \_\_\_\_\_\_\_\_\_\_\_

Masonry \_\_\_\_\_\_\_\_\_\_ Steel Frame \_\_\_\_\_\_\_\_\_\_\_\_\_

Energy Efficient? \_\_\_\_\_\_\_\_\_\_\_\_

Square Footage: \_\_\_\_\_\_\_\_\_\_\_\_

# Stories \_\_\_\_\_\_\_\_\_\_\_\_\_ Occupants, how many? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Crawlspace, Vented? \_\_\_\_\_\_\_\_\_\_\_ Dry?\_\_\_\_\_\_\_\_\_ Clean? \_\_\_\_\_\_\_\_

Plastic Vapor barrier on ground \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Slab-On-Grade, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Irrigation:

Gutters \_\_\_\_\_\_\_\_ Downspouts \_\_\_\_\_\_\_\_\_Yard slope \_\_\_\_\_\_\_\_\_

Site Observation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Roof Condition: (good, fair, poor) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Exterior Siding Condition: (good, fair, poor) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Evidence of leaks anywhere? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Window Condition: (good, fair, poor) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Exterior Door Condition: (good, fair, poor) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## *INSIDE*

Bedrooms \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Occupants \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bathrooms \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Heating systems:

Primary \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Secondary\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Water heater:

Propane\_\_\_\_\_\_\_\_\_\_ Electric\_\_\_\_\_\_\_\_\_\_ Oil\_\_\_\_\_\_\_\_\_\_

Combustion Appliances: Fuel type, appliance type, flue?

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Woodstove / Fire Place: \_\_\_\_\_\_\_\_\_\_\_\_ Dry Firewood \_\_\_\_\_\_\_\_\_\_\_\_\_

Outside air to wood stove? \_\_\_\_\_\_\_\_\_\_\_\_

Evidence of back drafting \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Woodstove notes: (condition)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Furnace filter condition \_\_\_\_\_\_\_\_\_\_\_\_ Type \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Carbon Monoxide Detector? \_\_\_\_\_\_\_\_\_\_\_\_

How many\_\_\_\_\_\_\_\_\_ Locations \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Smoke Detectors? \_\_\_\_\_\_\_\_\_

How many\_\_\_\_\_\_\_\_\_ Locations \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **Evidence of Moisture and/or Mold**

Location \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Describe

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 Ventilation System?

 Type:

Operation:

Condition:

 Exhaust fans: Vented to outside (not attic)?

Bathroom \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bathroom \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Kitchen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Pets / Animals \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Smoking Indoors \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Air Cleaners \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ type \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ozone generator \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Rodents \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pesticides \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Health questions, ( Optional )**

Asthma\_\_\_\_\_\_\_\_\_\_\_ Allergies\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Other Respiratory Problems \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Notes & Observations:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Permission for IAQ Assessment / Survey and Release Form**

 I / we Hereby grant permission to the XXXX NATURAL RESOURCES OFFICE to perform an assessment inspection for the purpose of collecting data. The XXXX NATURAL RESOURCES OFFICE intends to process the data of this assessment for public use and knowledge. I / we also grant permission to the XXXX NATURAL RESOURCES OFFICE to incorporate this information in summary form (without specific addresses included) in reports to the XXXX NATURAL RESOURCES OFFICE, XXXX Council and the U.S. Environmental Protection Agency.

Resident / Owner:

 Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name (print)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Site Location

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Phone \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_