



ARROWHEAD UNION HIGH SCHOOL DISTRICT INDOOR ENVIRONMENTAL QUALITY (IEQ) MANAGEMENT PLAN

Mission Statement

School buildings kept in good repair, suitably equipped and in safe and sanitary condition promote a positive learning environment. In accordance with the requirements identified under Wisconsin Statutes 120.12 (5) and 121.02 (1) (i) and Wisconsin Administrative Code PI 8.01 (2) (i), the Arrowhead Union High School District (AUHSD) has taken appropriate steps to provide and maintain safe and healthful facilities.

As required in WI Stat. 118.075 (3) and (4), the Arrowhead Union School District maintains indoor environmental quality (IEQ) in schools with measures that include quality heating, ventilation and air conditioning (HVAC) systems, moisture control, integrated pest management, cleaning and maintenance schedules, appropriate materials selection, routine building inspections by maintenance personnel, appropriate training of staff, and communication.

Role and Responsibilities of the IEQ Coordinator

The Arrowhead Union High School District has identified the Director of Buildings & Grounds as the IEQ coordinator for the District's facilities. The IEQ coordinator may be contacted at lipscomb@arrowheadschoools.org, or by phone at 262-369-3611 Ext. 4109.

The IEQ coordinator will serve as the primary contact person for issues related to IEQ within the AUHSD. The IEQ coordinator will be responsible for:

1. Collecting written/electronically submitted IEQ concerns and ensuring that the contact information is recorded for the person reporting the concern(s);
2. Communicating with the administration and the School Board as needed about IEQ concerns that have been reported;
3. Determining if an investigation is necessary and assigning the appropriate individual to investigate the concern as needed;
4. Communicating an anticipated timeline for completion of the investigation;
5. Sharing results of the investigation with the concerned person, administration and School Board as appropriate;
6. Ensuring that proper follow-up, remediation, and clean-up if needed, is scheduled and completed in a timely matter;
7. Maintaining a complete record of IEQ concerns and resolutions for a minimum of seven years;
8. Advising the School Board as necessary if updates and/or changes are necessary to the AUHSD's IEQ management plan;
9. Communicating with staff, parents, and other parties regarding IEQ; and
10. Leading an IEQ team if the AUHSD determines that a team is necessary to assist the IEQ coordinator with policy revisions, review of building concerns, communications, or other tasks as necessary.

Communication

Approved 05.02.12
Rvsd. 09.10.2018

The Arrowhead Union High School District's communication plan to inform staff, students, parents, and the public of the District's IEQ status includes the following:

- A. Annual publication of a notice to students, staff, and the community that the District has an IEQ management plan in place using the School District website and student handbook;
- B. Designation of contact persons for IEQ concerns and definition of responsibilities;
- C. Development of policies related to IEQ of the District's buildings that will be reviewed periodically along with other District policies as needed;

Reporting

The Arrowhead Union High School District encourages the prompt reporting and resolution of any and all IEQ concerns to provide a healthy and comfortable environment for students, staff, and visitors and avoid unnecessary costs related to the neglect of IEQ issues.

The School District's procedures for the reporting of IEQ concerns are outlined under the responsibilities of the IEQ coordinator. A form is available for staff, students, parents or members of the public to report IEQ concerns in writing (See Appendix A). This form is electronically available to all staff at the School District web site. IEQ concerns may also be submitted through the online work order system at <https://app.sherpadesk.com/login/>

Addressing IEQ Findings

When formal IEQ concern investigations result in the identification of specific IEQ issues, the issues will be prioritized from most to least critical, ensuring that urgent or simple issues are addressed promptly and issues that require continual attention are scheduled for regular review as appropriate. If the source of a problem cannot be identified or the problem persists despite the initial efforts by district staff to identify and remediate it, the IEQ coordinator will discuss the matter with the appropriate district official(s) in order to determine whether a contract with professionals, experts, and other outside personnel may be needed.

The IEQ coordinator will ensure that results from the official IEQ concern investigation are recorded, actions taken are documented, a response is coordinated, and communication is made with all relevant parties. Copies of all documents will be kept by the IEQ coordinator. As needed, the IEQ coordinator will develop and recommend specific policy changes for non-urgent issues that can be addressed by district policies and present the recommendations to the District Administration for review and adoption. New or revised policies will be added to this IEQ Management Plan.

IEQ Policies

As needed, the Arrowhead Union High School District will develop District policies and procedures related to IEQ management.

Procedures for Maintenance and Facility Operations

To the extent feasible, the Arrowhead Union High School District will implement procedures for maintenance and facility operation including the following:

A. Cleaning and Chemicals

Regular and thorough cleaning is an important means for the removal of air pollutant sources. The District has developed detailed written procedures for cleaning and for the handling of cleaning and chemical compounds. Cleaning procedures are managed and maintained by the Buildings & Grounds Department.

B. Flooring

Regular and effective cleaning and maintenance of all floor coverings used in District buildings is essential to keep floors dry and clean. The District has developed written floor cleaning procedures that ensure that all carpets are cleaned at least once a year. Cleaning is not performed unless drying within 24 hours can be assured. Automatic scrubbers and wet/dry mops are used on resilient floor coverings.

C. Preventive Maintenance and Operations

Preventive maintenance involves routine inspection, adjustment, and repair of building structures and systems, including the heating, ventilating, and air conditioning system (HVAC); unit ventilators; local exhaust; fresh air intakes; and flooring. Preventive maintenance plays a major role in maintaining the quality of air by assuring that the building systems are operating effectively and efficiently in order to maintain comfortable temperatures and humidity in occupied spaces. The District addresses preventive maintenance by maintaining and documenting equipment and system maintenance according to manufacturer's recommendations and best practices. Specific written procedures are available upon request.

D. Microbial Management

Microbials such as mold, bacteria, and viruses, are a significant cause of illness, health symptoms, and discomfort for building occupants. Moisture control is the most effective way to control microbial growth. The District manages microbial concerns by promptly investigating signs of water intrusion and/or microbial growth. Materials contaminated with microbials will be promptly and appropriately cleaned or replaced following current guidance document recommendations. Mold growth will be properly removed from non-porous surfaces by trained staff or contracted service personnel using appropriate methods and equipment. Remediation projects that cannot be handled by trained staff will be contracted to appropriate professionals. Specific control and protection measures are used as needed for large-scale remediation projects. Complete professional remediation is verified through third party clearance testing as necessary. Specific written procedures and project documentation are available upon request

Construction and Renovation

The Arrowhead Union High School District adheres to all state, federal, and municipal building code guidelines and other mandates/rules/regulations when doing construction and/or renovation projects.

These regulations include the Wisconsin State Building Codes which can be found at <http://dsps.wi.gov/sb/SB-DivCodesListing.html>.

The School District considers IEQ when planning construction and renovation projects. Walkthrough inspections and historical building system evaluations are an integral part of the planning process. Careful consideration will be given to the direct and indirect impact on IEQ as a result of construction, demolition and renovation work. Appropriate control measures will be instituted by the construction management team.

Staff Responsibilities for Maintaining Good IEQ

All School District staff members play an important role in maintaining and improving environmental quality. Since the actions of staff members can affect the quality of the indoor environment in school buildings, employees are provided with information and training about IEQ as appropriate.

To the extent possible and as resources allow, the district will:

- A. Train maintenance and custodial staff annually in general concepts of IEQ including indoor air quality, integrated pest management, microbial identification and cleaning, etc. as part of the annual training process. New staff members will be informed on appropriate elements of as part of the initial hiring and training process.
- B. Instruct maintenance and custodial staff to follow all manufacturers' instructions regarding cleaning chemicals, ensure that the school is regularly cleaned and waste is sorted and disposed of properly. Ensure staff report to their immediate supervisor and deficiencies and pest problems that may compromise IEQ.
- C. Inform general staff members as needed through e-mail communication, personal communication and/or all staff briefings.
- D. Instruct all staff to maintain adequate airflow by prohibiting the covering of air flow supply diffusers, return air grilles, and exhaust system grilles; maintain indoor air quality by removing clutter in their classrooms, properly disposing of hazardous / non-hazardous waste, and enforcing the District's IEQ policies in their classrooms.
- E. As necessary, the IEQ coordinator will communicate the school's activities to the school board, staff, students, and community and ensure that the school is implementing IEQ policies appropriately.

- F. Ensure that the designated support staff maintain HVAC systems, properly operate systems and that all buildings are maintained adequately and cleaned regularly.
- G. Ensure that the school nurses track illnesses, such as asthma, that may provide an early warning of IEQ problems.

Prevention of IEQ Problems

The Arrowhead Union High School District is committed to preventing IEQ problems. To reach this goal, to the extent possible and as resources allow, the district will:

- A. Keep equipment and operating systems in good working condition and make every effort to best accommodate the needs and comfort of students, staff, and other users of the school building.
- B. Evaluate building systems and conduct walkthroughs of the various district buildings, schedule regular review and maintenance for those systems that require continual attention, and handle IEQ concerns identified during the walkthroughs in accordance with this plan; and
- C. Comply with all applicable codes and operate current systems in an efficient manner, as engineered, and according to manufacturer design to help ensure high quality facilities for all district functions.

School Board

The School Board will approve and support the IEQ Management Plan.

Appendix A

Indoor Environmental Quality (IEQ) Concern Record

Date *Mo./Day/Yr.*

GENERAL INFORMATION

Name First, Last	Email Address	Phone Area Code/No.	
Street Address	City	State	ZIP
Status in Filing Concern <i>Check One</i> <input type="checkbox"/> Staff <input type="checkbox"/> Student <input type="checkbox"/> Parent <input type="checkbox"/> Member of Public			

ENVIRONMENTAL QUALITY CONCERN

District Building of Concern

Describe IEQ Concern *Limit response to space provided.*

IEQ COORDINATOR'S USE ONLY

Attach all other pertinent documentation.

Date Recorded <i>Mo./Day/Yr.</i>	Date Investigation Begun <i>Mo./Day/Yr.</i>	Date Investigation Complete <i>Mo./Day/Yr.</i>	Person Assigned to Investigate
Result of Investigation			
Clean-up, Remediation, or Other Work Necessary <input type="checkbox"/> Yes <input type="checkbox"/> No		Person Assigned First & Last Name	
Date Work Begun <i>Mo./Day/Yr.</i>	Date Work Complete <i>Mo./Day/Yr.</i>	Follow-Up Contact Made <input type="checkbox"/> No <input type="checkbox"/> Yes, <i>Date of follow-up</i>	