

## Indoor Air Quality Management at Portland Community College

Portland Community College (PCC) has partnered with *Asset Works* to implement and utilize a comprehensive maintenance management software tool, known as AiM, to establish, schedule and track preventative maintenance activities associated with the infrastructure and equipment that contribute to indoor air quality (IAQ) in each building. PCC has trained not only its Facilities Management Services team members on the proper use of AiM, but also a dedicated group of individuals in its Service Response Center (SRC), who receive, establish and log employee, student and visitor concerns regarding building maintenance issues, including indoor air quality. Campus community members can register their concerns directly to the SRC via telephone call, email or directly through AiM's computer interface.

When IAQ issues arise, they are promptly routed to personnel associated with the maintenance of the district's HVAC equipment for resolution. IAQ issues can also be viewed and tracked by personnel in the other PCC departments, including Energy Management and Environmental Health & Safety, both of which partner with maintenance personnel to resolve customer concerns. Should IAQ issues rise to the level of being a health or safety concern, PCC has utilized the services of professional industrial hygienists, both staff and contractors, to recognize, evaluate and control hazards in the workplace and academic environment. By doing so, PCC is able to monitor building conditions, collect air samples and compare analytical results from recognized laboratories against the applicable Oregon OSHA standards for various air contaminants, ref., OR OSHA Division 2, Subdivision Z, Toxic and Hazardous Substances, 437-002-0382: <http://osha.oregon.gov/OSHArules/div2/div2Z-437-002-0382-air-cont.pdf>. The test results and recommendations of the industrial hygienists are shared with both employees and Facilities Management Services personnel to identify and eliminate potential sources of indoor air pollution and maintain the IAQ standards established by Oregon OSHA.