

## STARS Submission

### OP-3 IAQ info

*"An indoor air quality (IAQ) management policy or protocol should be consistent with the U.S. Environmental Protection Agency's Indoor Air Quality Building Education and Assessment Model (I-BEAM) and/or ASHRAE's Large Building Guidance on Indoor Air Quality and include, at minimum:*

- *Regular auditing or monitoring,*

*Campus buildings are continuously monitored via building automation systems (Andover and/or Automated Logic) to monitor building ventilation systems. Temperature, humidity, outside air flow, exhaust rates, and CO2 levels (in high occupancy spaces) are some of the IAQ parameters that are actively monitored. Multiple control strategies are utilized to proactively stay ahead of the various factors (outside air temperature, outside humidity, occupancy, etc.) that can affect indoor air quality. Many parameters have an alarm tied to them to notify building technicians that a parameter is out of range, prompting follow up actions. Corrections to building mechanical systems can be made in real time to adjust various parameters such as temperature, outdoor air ratios, fume hood flow rates, etc.*

- *A mechanism for occupants to register complaints, and*

*Faculty, staff and students may report complaints by submitting work orders to the respective facilities departments for their location. Additionally, indoor air quality concerns can be submitted to the university's Environmental Health & Safety (EH&S) department online or by contacting their building proctor.*

- *Action plans to implement any corrective measures required in response to audits, monitoring or complaints."*

*Facilities personnel perform corrective measures to building ventilation systems based on automation system monitoring results. In addition, the university's Environmental Health & Safety (EH&S) department has a documented IAQ program to evaluate complaints from campus constituents who believe they are being adversely impacted by poor building air quality. The IAQ program is consistent with both EPA and ASHRAE guidance. EH&S will visit the site of the complaint to interview building occupants and conduct an in-depth investigation as to what may be causing the concerns or symptoms.*

*The work dedicated to each IAQ concern is tracked and managed from start to finish using an IAQ tracking database. Corrective measures based on investigation results are coordinated between EH&S and the responsible facilities department for the location of the issue. EH&S has also spearheaded an IAQ Committee that includes members from Facilities Management, Housing & Dining Services (HDS), the HVAC groups and the campus safety coordinators. This committee meets monthly to make sure all affected university entities are up-to-date on IAQ issues surrounding the campus and help tackle ongoing issues, as well as prevent future IAQ concerns.*