



MEMORANDUM

DATE: October 14, 2025
TO: Committee on the Environment
FROM: Katherine Barnett, Sustainability Manager
SUBJECT: Committee on the Environment Meeting Follow-up

Air Quality Sensor Questions

At the September 16, 2025 Committee on the Environment Meeting, several questions were asked about the air quality sensors and the Air Quality Sensor Dashboard.

How much do the air quality sensors cost?

DC Power Unit - \$10,636.95/unit
Solar Power Unit - \$11,828.95/unit
Ongoing data - \$13,572/year (12 sensors)
As-needed maintenance – \$2,000 estimated

Are sensors installed during new development, or are they installed after construction is completed in existing areas?

Sensors have been installed on city-owned streetlight poles and at substations to gather neighborhood air quality data for informational purposes. Staff have not used construction as a factor in determining sensor locations. Sensors have been installed in both fully built-out neighborhoods and in areas with new construction nearby. Staff plans to review data and evaluate locations after a full year of data has been collected by all monitors. Staff will consider redeployment into areas where additional neighborhood data may be useful.

When will the Air Quality Sensor Dashboard be configured for mobile devices?

The Technology Services team has begun working on configuring the Dashboard for mobile devices.

Questions that Need Clarification

Chair Beck requested a list of goals that need to be accomplished. He further requested a presentation of actionable items that are in a 5-year plan that could possibly be brought forward to the City Council.

OUR CORE VALUES

Inclusion • Collaboration • Quality Service • Strategic Focus • Fiscal Responsibility