

# Neighborhood Air Quality Monitoring Proposal

Submitted by Heather Driscoll

## PROJECT EXPENSES

In-Kind Expenses	Amount
Volunteer labor to purchase and set-up monitors (10 hours @ \$30/hour)	\$300
Volunteer labor to install monitors (10 hours @ \$30/hour)	\$300
Volunteer labor to set-up and maintain web page (20 hours @ \$30/hour)	\$600
Total	\$1,200

Supplies/Materials	Amount
PurpleAir-II Air Quality Sensors (includes mounting and extension cords) 9 @ \$199 (+ tax)	\$1,900
Weather Station	\$100
Total	\$2,000

PROJECT EXPENSES GRAND TOTAL \$3,200

## PROJECT INCOME

In-Kind Contributions	Amount
Volunteer labor to purchase and set-up monitors (10 hours @ \$30/hour)	\$300
Volunteer labor to install monitors (10 hours @ \$30/hour)	\$300
Volunteer labor to set-up and maintain web page (20 hours @ \$30/hour)	\$600
Total	\$1,200

Requested Funding	Amount
SASYNA Special Project of 2018 Annual Budget	\$2,000
Total	\$2,000

PROJECT INCOME GRAND TOTAL \$3,200

## Proposal Narrative

The SASY Environmental Committee plans to conduct a citizen-led air quality monitoring project. We will purchase nine PurpleAir II sensors and one weather station to collect real-time ambient air quality and meteorological data. The goal of the SASY air monitoring program is to collect air quality data in the SASY neighborhood (and Madison East High as a control), compare the collected data with the federal and state ambient air quality standards, and provide an opportunity for objective analysis of potential risks to public health.

This project has two objectives:

- 1) Collect data to determine whether or not the SASY air quality meets the clean air standards.
- 2) Educate and build community awareness of air quality by providing real-time data on the SASYNA page.