

PARTNERSHIP FOR REDUCING AIR POLLUTION IN BATHURST QUAY

HIGHLIGHTS OF PUBLIC EVENT (MAY 2021)



INTRODUCED COMMUNITY TO PARTNERS & STAKEHOLDERS



DISCUSSED REASON FOR INITIATING COLLABORATION & TWO YEAR STUDY



Neighbourhood is a potential air pollution hotspot!



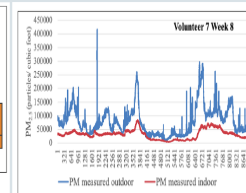
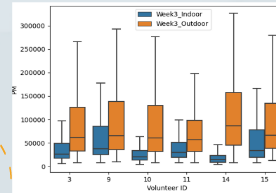
DESCRIBED AIR SAMPLING ACTIVITIES

- Rooftop monitoring
- Mobile measurements
- Indoor Vs. Outdoor measurements of PM2.5



SHARED PRELIMINARY RESULTS FROM INDOOR OUTDOOR SAMPLING CAMPAIGNS

Outdoor pollution > Indoor pollution --> Indoor protective effect



Indoor signal follows the trend of outdoor signal when indoor sources are few or absent

IMPORTANT QUESTIONS ASKED

How does air quality in the neighbourhood compare to other neighbourhoods in Toronto?

The team will be comparing air quality in the neighbourhood against data that they are collecting across the city and data from provincial monitoring sites.

Will sampling extend until normal airport operation resumes?

The airport is currently operating (although not at normal levels) and the team is working with PortsToronto to obtain data on landing and take-offs. This data will be used while analyzing air quality. This is a two year study and we hope some sampling will coincide with some normal airport operation.

Is the data collected representative of what the neighbourhood experiences under normal conditions?

Some aspects are. For example, traffic data across the city shows that levels across highways are close to where they were before COVID-19 but other sources of pollution may be lower. Sampling at this time is a great opportunity to collect baseline data and we will continue our sampling campaigns over the next couple of years.

Are you looking at the composition of PM2.5?

We are collecting metals data outdoors but not indoors.