

# Community Air Monitoring Basics



## WHAT IS AIR MONITORING?

Air monitoring is the **measurement of ambient air pollution levels** in a particular area using various technologies and analysis methods



## WHAT WILL BE MEASURED?



**Carbon Monoxide**  
(CO)



**Sulfur Dioxide**  
(SO<sub>2</sub>)



**Hydrogen Sulfide**  
(H<sub>2</sub>S)



**Nitrogen Oxide**  
(NO)



**Nitrogen Dioxide**  
(NO<sub>2</sub>)



**Particulate Matter**  
(PM 2.5)



**Total Volatile Organic Compounds**  
(VOCs)



## HOW DOES IT WORK?



Evaluate air monitoring technologies by a third-party expert, Montrose Air Quality Services (Montrose)



Montrose to deploy air monitoring technologies in the community



Montrose will measure amount of compounds in the air and report data to the public in near real-time



## WHERE CAN I SEE THE DATA?

On your phone or computer through an **easy-to-read monitoring dashboard** managed by Montrose Air Quality Services.



## WHERE WILL THE AIR MONITORS BE?

The air monitors will be within a two-mile radius of the Commerce City Refinery. Site selection criteria include proximity to refinery and non-refinery sources, local meteorology, infrastructure, as well as site access, safety and suitability.

