



US Army Corps  
of Engineers  
Chicago District

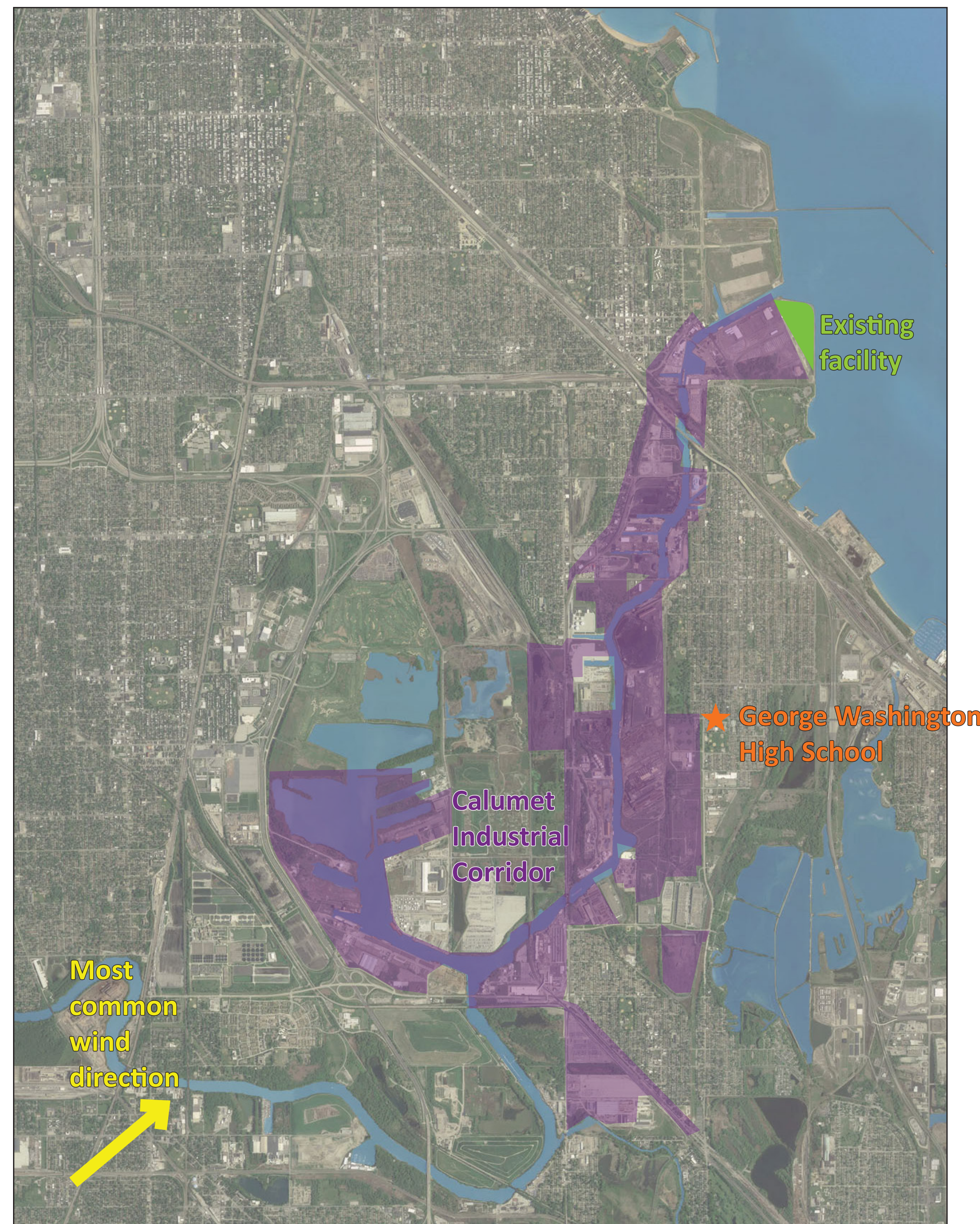
Chicago Area Waterway System

Dredged Material Management Plan

# How would air quality be protected?

**Controlling dust prevents the spread of pollution and protects air quality.**

## Air monitoring in project area

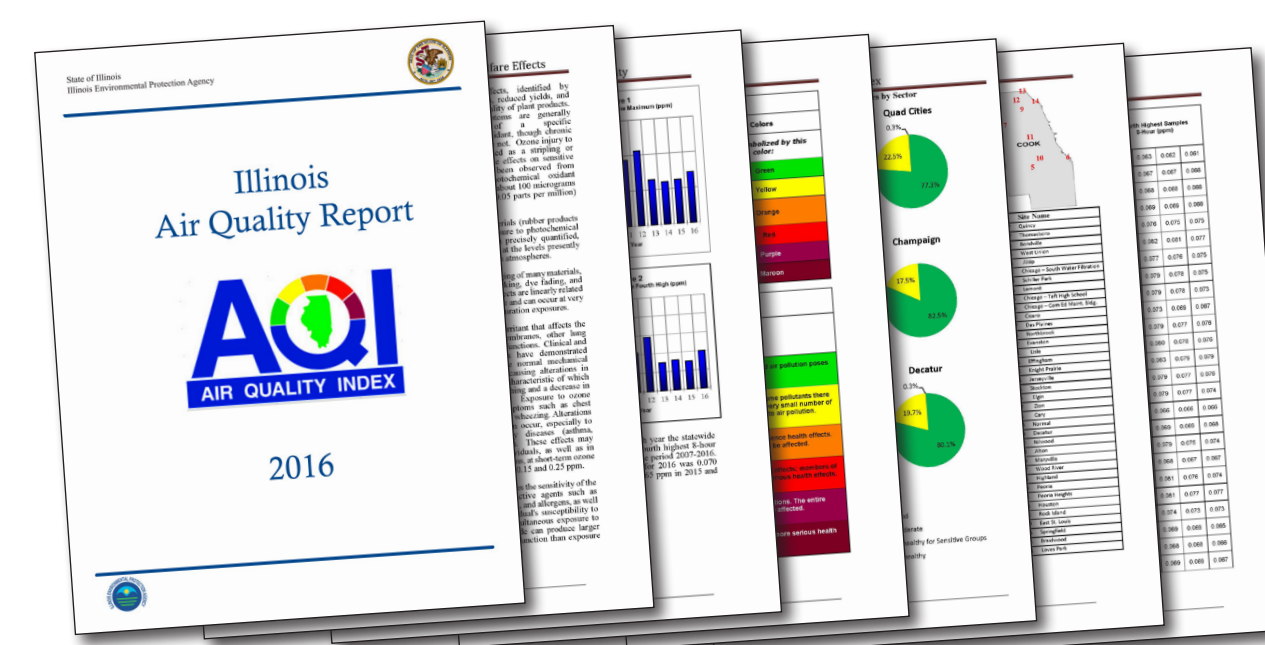


Illinois EPA and Cook County Department of Environmental Control monitor particulates (dust) and lead.

Air monitor (ID 17-031-0022) is at George Washington High School in the study area.



Air monitors on top of George Washington High School



IEPA annual air monitoring report is available on-line:  
<http://www.epa.illinois.gov/topics/air-quality/air-quality-reports/index>

## Dust control at Chicago Area CDF: Water and vegetation



Sediment is wet when dredged.  
Water prevents dust.



Vegetation grows quickly in sediment and prevents dust.

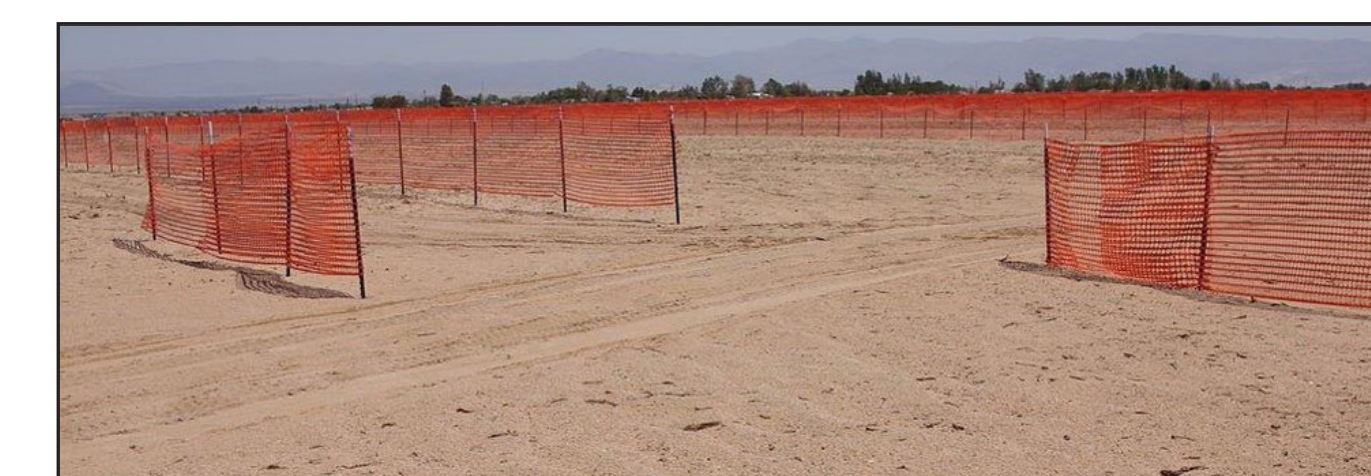
## Potential additional dust controls



Sprinklers keep dust down.



Planting vegetation holds sediment in place.



Fencing disrupts wind.  
Dust settles to ground.