



Phyllis Wheatley Community School  
Ms. Davidson's 4th Grade Class

Field Study of the effects of  
I-10 Claiborne Corridor on the  
Treme Neighborhood

By Ms. Davidson's  
4th grade class at  
Phyllis Wheatley  
Community School

May 2019





There used to be hundreds of trees and garden space along Claiborne Avenue.





There were thriving black-owned businesses creating a strong economy.





Second-Lines paraded and Mardi Gras  
Indians gathered there.

Then, in 1968, the Claiborne Expressway, part of I-10, was built on an elevated structure above Claiborne Avenue. This was the central business corridor of the Treme neighborhood, an historic black and creole neighborhood with roots beginning in the 18th century.





The city bulldozed hundreds of trees





and removed people from their homes.





Now, air pollution is causing respiratory illness.





The trees near the corridor are dark and covered with pollution from the air.

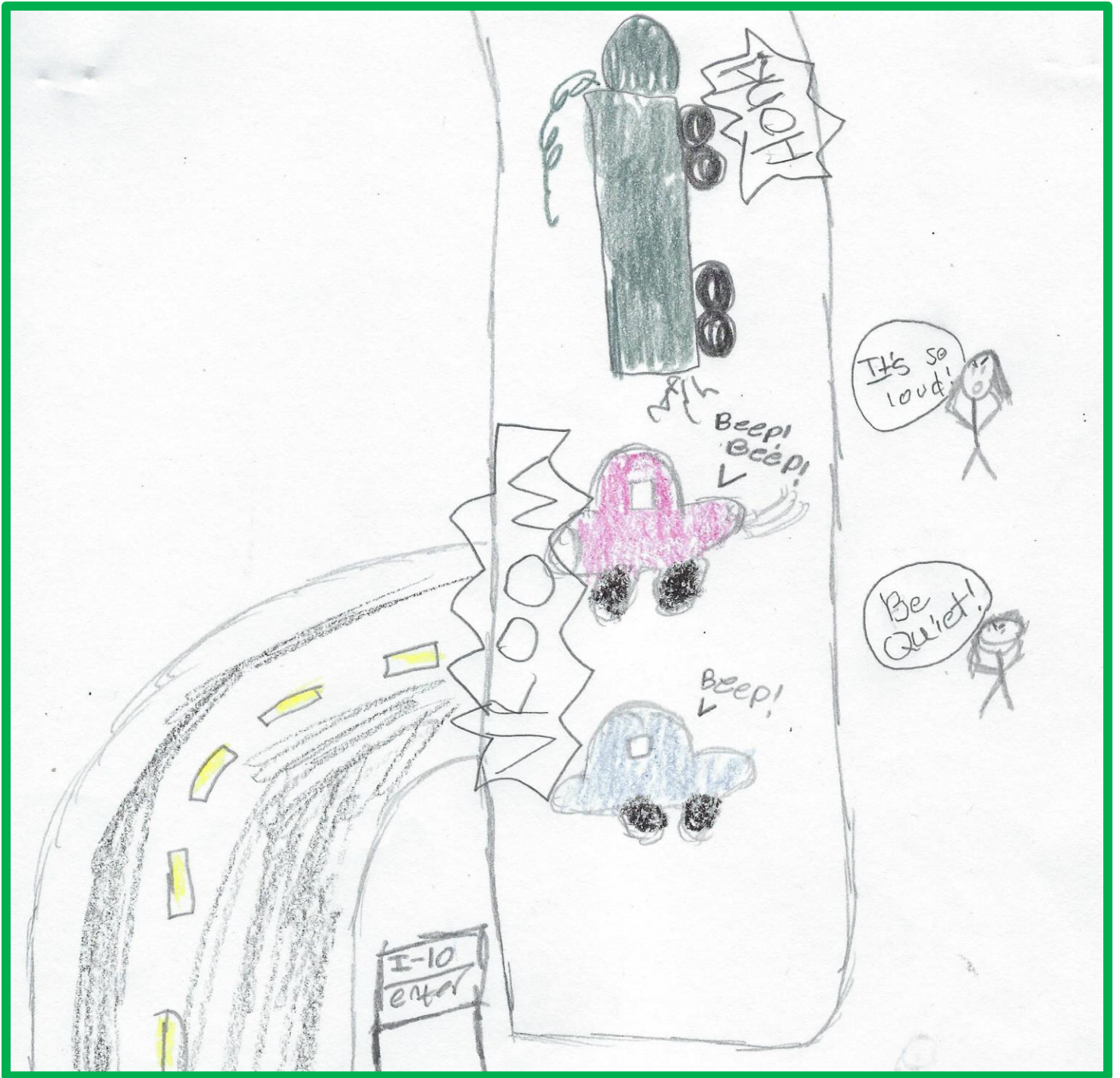


# Field experience results for air pollution

measurements: All data is an average of the data collected by students on our field experience walk from Phyllis Wheatley Community School, up the Lafitte Greenway to the Claiborne overpass.

AQI Index Colors	Levels of Health Concern
...as symbolized by this color:	..air quality conditions are:
Green	Good
Yellow	Moderate
Orange	Unhealthy for Sensitive Groups
Red	Unhealthy
Purple	Very Unhealthy
Maroon	Hazardous

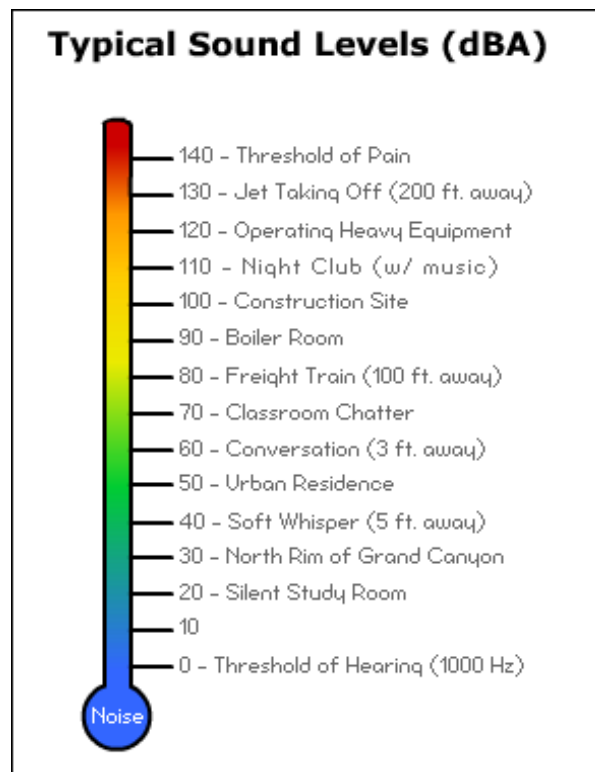
Stop	Air Quality Indicator Color
5 blocks from I-10	Green
2 blocks from I-10	Orange
1 Block from I-10	Orange
Under I-10	Red



Noise pollution is also causing a feeling of unrest promoting an environment for violence.



Using a noise dosimeter, students measured the change in the noise level on our field experience walk from Phyllis Wheatley Community School, up the Lafitte Greenway to the Claiborne overpass.



Stop	Average Reading
5 Blocks	Blue
2 Blocks	Green
1 Block	Green
Under I-10	Yellow



Run-off pollutants from the interstate are poisoning the soil and water.





Flooding is the standard now because there is so much concrete that the water has no place to go.





If we tear down the I-10 over Claiborne Avenue, we could have our green space, trees and gardens back.





And we could build shelters for the homeless and community centers to give people a place to hang out.