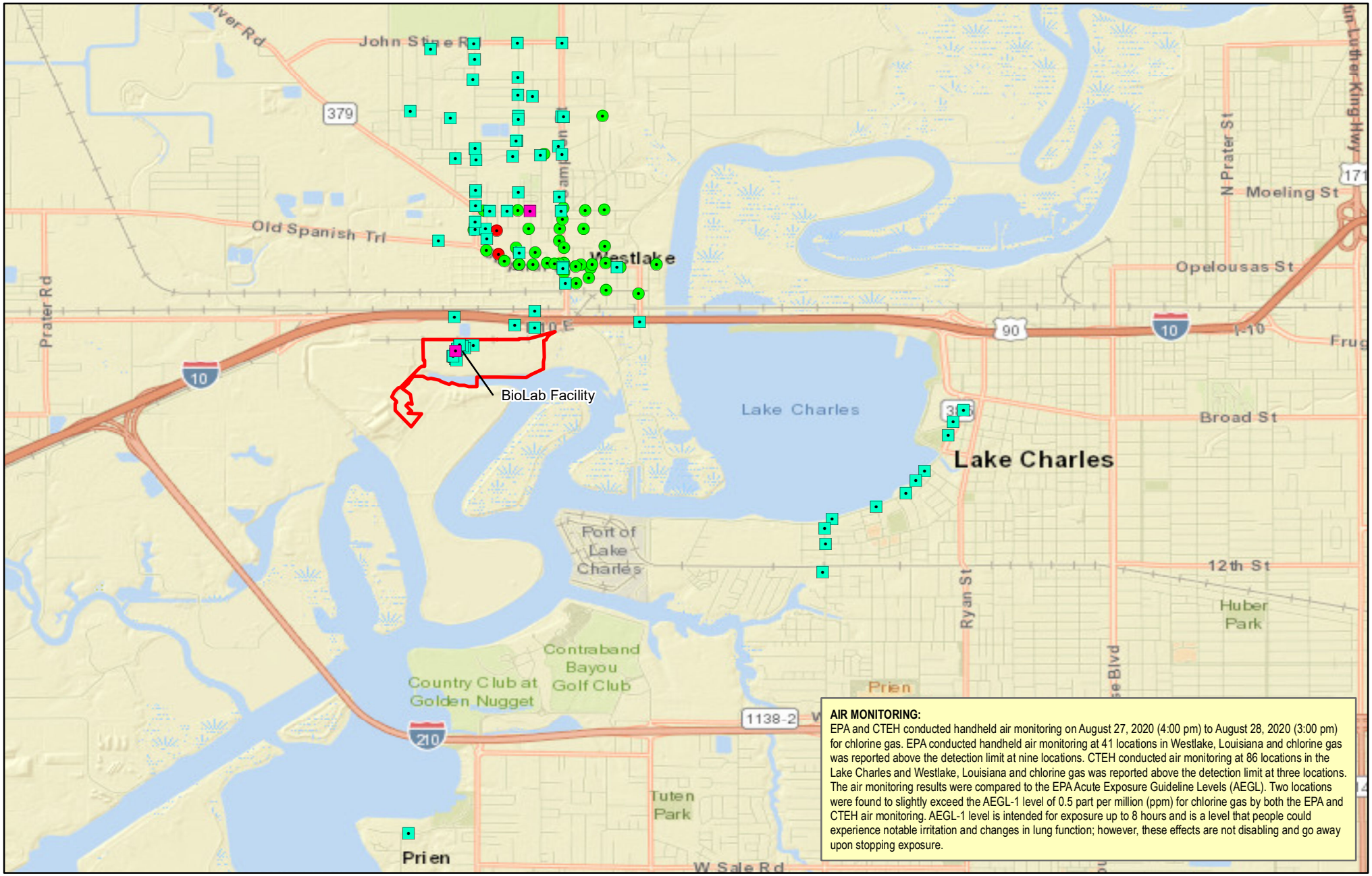

AIR MONITORING:
EPA and CTEH conducted handheld air monitoring on August 27, 2020 (4:00 pm) to August 28, 2020 (3:00 pm) for chlorine gas. EPA conducted handheld air monitoring at 41 locations in Westlake, Louisiana and chlorine gas was reported above the detection limit at nine locations. CTEH conducted air monitoring at 86 locations in the Lake Charles and Westlake, Louisiana and chlorine gas was reported above the detection limit at three locations. The air monitoring results were compared to the EPA Acute Exposure Guideline Levels (AEGL). Two locations were found to slightly exceed the AEGL-1 level of 0.5 part per million (ppm) for chlorine gas by both the EPA and CTEH air monitoring. AEGL-1 level is intended for exposure up to 8 hours and is a level that people could experience notable irritation and changes in lung function; however, these effects are not disabling and go away upon stopping exposure.

Legend

Approximate Site Boundary

CTEH - AIR MONITORING LOCATION

- Cl2 EXCEEDANCE
- Cl2 NO EXCEEDANCE

EPA/START - AIR MONITORING LOCATION

- Cl2 EXCEEDANCE
- Cl2 NO EXCEEDANCE

90043951

AIR MONITORING MAP

HURRICANE LAURA RESPONSE
BIOLAB EMERGENCY RESPONSE
WESTLAKE, CALCASIEU PARISH, LA

OPERATING PERIOD
8/27/2020 1600 - 8/28/2020 1500

N W E S

0 0.4 0.8
SCALE IN MILES

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