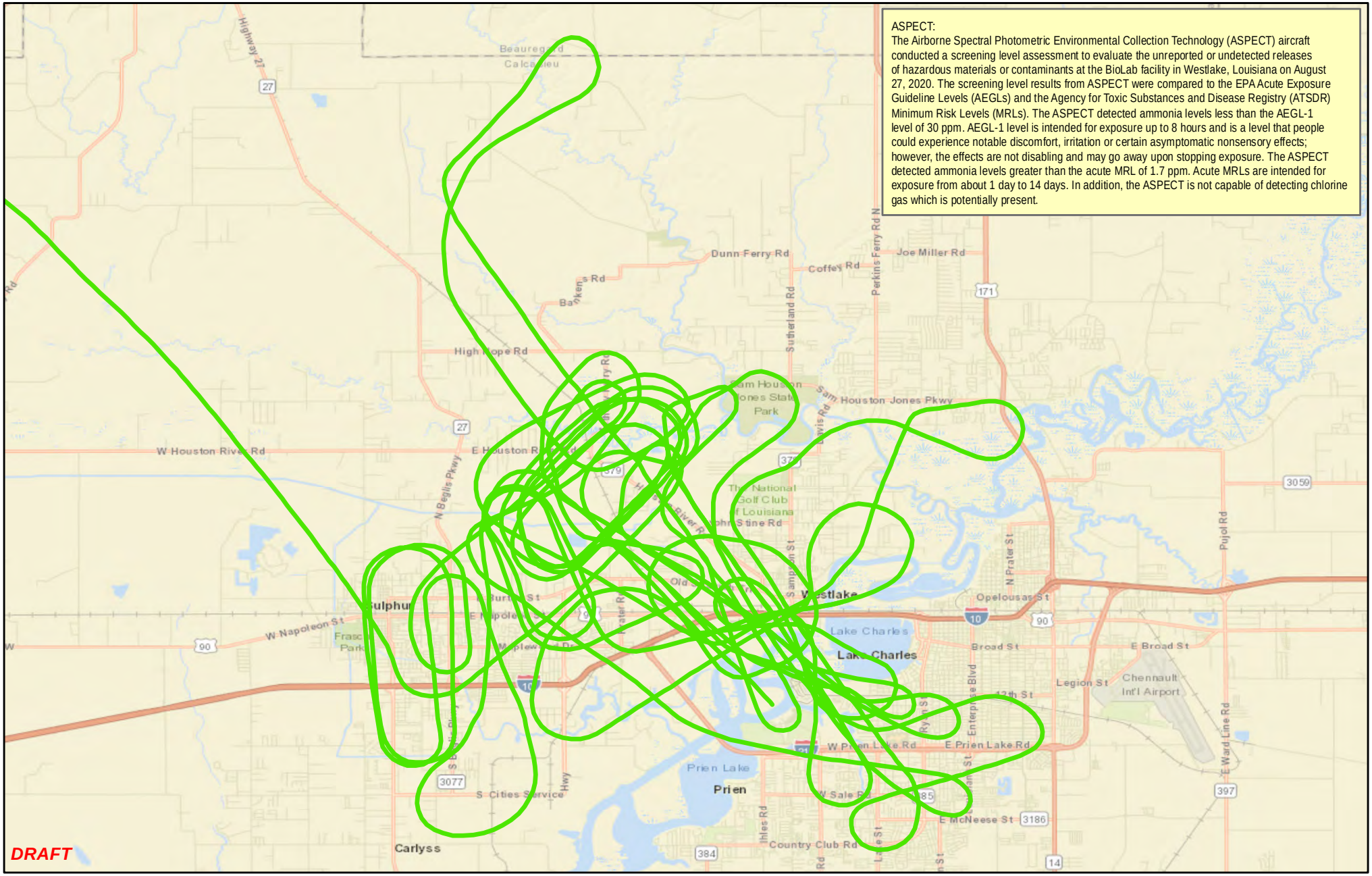
ASPECT:
The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the BioLab facility in Westlake, Louisiana on August 27, 2020. The screening level results from ASPECT were compared to the EPA Acute Exposure Guideline Levels (AEGLs) and the Agency for Toxic Substances and Disease Registry (ATSDR) Minimum Risk Levels (MRLs). The ASPECT detected ammonia levels less than the AEGL-1 level of 30 ppm. AEGL-1 level is intended for exposure up to 8 hours and is a level that people could experience notable discomfort, irritation or certain asymptomatic nonsensory effects; however, the effects are not disabling and may go away upon stopping exposure. The ASPECT detected ammonia levels greater than the acute MRL of 1.7 ppm. Acute MRLs are intended for exposure from about 1 day to 14 days. In addition, the ASPECT is not capable of detecting chlorine gas which is potentially present.

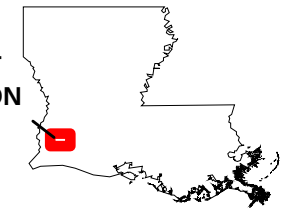


DRAFT

Legend

ASPECT DATA

FLIGHT LOCATION



ASPECT MAP

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

FLIGHT DATE
8/27/2020

90043819

N W E S

0 1 2
SCALE IN MILES

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