Arkema Air Monitoring Plan

Air monitoring is being performed by EPA at the request of the U.S. EPA. Monitoring equipment listed below. Liberty County HazMat Teams and the RP Arkema are also conducting air monitoring and coordinating with EPA locations and sharing reading results. Liberty County is at the east of Harris County.

MultiRAE Plus: multi sensor configuration photo ionization monitor (O2, H2S, LEL, VOC, SO2, and CO)

Draeger chip management system (CMS): chemical-specific chips and colormetric tubes. Currently chlorine and SO_2.

Additional Monitoring equipment, including AreaRAEs, will be deliver to the site as needed.

Daytime monitoring will be performed by both an EPA Team and Liberty County HazMat teams on a 60 to 90-minute rotational basis at designated locations for consistency. These monitoring locations are not within flood water nor the designated exclusion zone.

Nighttime monitoring will be performed by an EPA Team on a 60 to 90-minute rotational basis at designated locations for consistency. These monitoring locations are not within flood water nor the designated exclusion zone. The Liberty County air monitoring teams will suspend operations during nighttime hours due to uneven topography and potential increased risk of encountering flood water.

In the event of material polymerization present on site, all personnel will be called into service to perform air monitoring to evaluate if any contaminants have migrated beyond the exclusion zone.

REPORTING

This monitoring plan will be the primary plan by the EPA.