Arkema Air Monitoring Plan

Air monitoring is being performed by the EPA Team and Liberty County HazMat Teams at the request of the U.S. EPA. Monitoring equipment listed below.

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.

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

This monitoring plan will be the primary plan utilized by the EPA Team and Liberty County HazMat teams until otherwise directed by EPA.