

## Daily Report 8/23/13

### Tetra Tech

#### **Directive #1 – Indoor Air**

- Draft Concept Plan for phased approach to indoor air monitoring plus installation of alarm systems and ventilation systems was submitted to DNR on 12/13/12 for comments and the detailed Work Plan was submitted to DNR on 1/14/13 for comments.
- A total of 118 monitor pairs have been installed on 56 properties. No positive alarms of installed monitor pairs have occurred to date.
- A total of ten monitoring pairs and associated transmitters have been provided to Assumption Parish, at their request.
- Under structure sampling probes have been installed at 16 residential properties.
- Indoor air screening continuing, with 45 properties surveyed to date with no detections of %LEL or H2S.
- Under structure pressure monitoring has been completed for 12 probe locations installed in 8 properties. Under structure pressure monitoring is currently underway at 3 probes. Pressure monitoring is being scheduled at 5 additional properties. Barometric pressure is also being recorded at a weather station installed at the command center.
- Sub-structure ventilation systems have been installed and are operating at 116 Crawfish Stew and 135 Crawfish Stew. Systems are currently being installed at 1433 Sauce Piquante, 1438 Sauce Piquante, and 1465 Sauce Piquante. Field team is currently evaluating the location and preparing designs. Modifications are being implemented to improve system aesthetics for the current and future installations. Detectors and transmitters have been removed from 107 Crawfish Stew; this property has been vacated and the power is turned off.
- Monthly monitor calibration is ongoing.

#### **Directive #2 – Additional Relief Wells and Directive #3 – Overall Plan**

- Met with DNR/Shaw on 1/24/13, reached agreement on well designs
- Radius of Influence (ROI) wells are installed at well pads ORW-5 & ORW-9.
- The field portion ROI testing was completed July 21<sup>st</sup>. Report is being finalized.
- CPT borings have been installed at 85 locations to date.
- The Thompson CPT rig will continue at CPT-86W today. The Tt AAI CPT rig is sounding CPT-68 today.

#### **Directive #4 – Operation of All Wells**

- Flares #2, #3, #4, and #5, are operating. Two additional flares have been received and will be available as needed
- Well work overs ongoing for all low-producing and non-flowing wells
- Barton meters have been installed on flowing wells.

**Directive #5 – Sinkhole Containment**

- Joint Application to OCM and COE, which included sinkhole containment design and additional ORW wells, was submitted on 2/14/13.
- Initial containment of the sinkhole area completed.
- A pre-construction meeting was held on-site on March 27<sup>th</sup> for TBC and contractors
- Construction of the containment system began April 1<sup>st</sup>
- North Levee final containment system installation is approximately 98% complete.
- South Levee final containment system installation is at final clay elevation and approximately 75% complete, overall.
- West Levee (new alignment) final containment system installation is approximately 98 % complete.
- East levee along TBC access road and plant approximately 98%