

Daily Report – for 8/22/13**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. New probes at 174 Crawfish Stew encountered 100% LEL and possible detection of H₂S (sensor appeared to be malfunctioning). Laboratory samples were collected by Tetra Tech and CB&I. Detectors are installed at this location. Follow-up sampling and testing will be performed.
- 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. System design for 174 Crawfish Stew is being expedited.
- Monthly monitor calibration is ongoing.
- LEL/H₂S Workgroup held kickoff call

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 21st. Report is being finalized.
- CPT borings have been installed at 85 locations to date.
- The Thompson CTP rig is at CPT-86W today. The Tt AAI CPT rig is installing CPT-69 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 27th for TBC and contractors
- Construction of the containment system began April 1st
- 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.
- The alignment of the West Berm was modified to extend further west due to settlement along the original alignment. A design revision has been issued for this new alignment and for the two interim water transfer structures.
- West Levee (new alignment) final containment system installation is approximately 98 % complete.
- East levee along TBC access road and plant approximately 98 %