

## Daily Report 9/09/13

### Tetra Tech

This report describes the activities completed Friday and Saturday, September 6 and 7, 2013.

#### **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.
- Current total: 112 sets at 53 locations. 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.
- Continued monthly monitor calibration.
- Continued indoor air screening; 45 properties surveyed to date with no detections of %LEL or H2S.
- Began installation of Under Slab Ventilation System at 174 Crawfish Stew, 4 under slab penetrations completed.
- Conducted under slab gas monitoring at all Under Slab Ventilation System locations.
- Water intrusion found at 2 locations, 1422 Jambalaya and 1457 Sauce Piquante. Issue will need to be addressed.
- During inspection of existing Under Slab Ventilation Systems found water intrusion at 1465 Sauce Piquante, 135 and 116 Crawfish Stew.
- Completed below ground piping of under Slab Ventilation System at 174 Crawfish Stew
- Installed Bentonite/Soil mix seal and backfilled.
- Boudreaux disconnected 1 of the blowers from 1433 Sauce Piquante for retrofitting.
- Crew installed a retrofit blower at 1433 Sauce Piquante (power to be restored 9/9).

#### **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.
- Completed daily ORW well data collection.
- Conducted ORW-18 and ORW-22 well dewatering and data logging.
- Tt/AAI rig mobilized, began and completed the push at CPT-81. The cone was advanced to a depth of 140.02 feet bgs.
- WHE rig mobilized, began and completed the push at CPT-77. The cone was advance to a depth of 136.89 feet bgs.

#### **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 are ongoing for all low-producing and non-flowing wells.
- Barton meters have been installed on flowing wells.
- Performed daily flare maintenance.
- Performed Barton Meter routine maintenance.
- PMW-012 preliminarily adjusted and flaring gas; will continue to optimize.
- Continued troubleshooting TBC Portable Flare#1; working on software program.
- Constructed concrete anchor to secure generator to TBC Portable Flare #1.

#### **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.
- Compaction testing complete (8 Soil density tests on the south berm). 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% complete.
- Spillway construction is on hold until Code 3 issues can be resolved.