

Daily Report – for 7/17/13**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 116 monitor pairs have been installed on 55 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 15 residential properties.
- Indoor air screening continuing, with 42 properties surveyed to date with no detections of %LEL or H2S.
- Under structure pressure monitoring at 1465 Sauce Piquante will conclude today and the equipment will be moved to 116 Crawfish Stew for one week of monitoring. Barometric pressure is also being recorded at a weather station installed at the command center.
- Finalizing plans and procuring equipment for under structure venting. Installation crews are on-site and preparing equipment. Installations will begin on Monday, July 22nd.
- 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
- All available wells were PDK logged on April 1st to April 13th, note that PDK logging of wells ORW-5, -6, -9, -14, -15, and -10 was postponed until a later date.
- Radius of Influence (ROI) wells are installed at well pads ORW-5 & ORW-9.
- ROI testing began on Monday 5/13/13 with shut-in of ORW-9 for pressure monitoring. Technical team is addressing comments from the Blue Ribbon Commission (BRC) and developing amended procedures.
- CPT borings have been installed at 52 locations to date.
- A small amount of gas seepage was detected at a CPT sounding near 1417 Sauce Piquante. This location will be over drilled and resealed.
- A barge-mounted CPT unit is being outfitted and will begin CPT pushes in the swamp tomorrow.

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 and Tt is presently addressing comments received on application.
- Initial containment of the sinkhole area completed.
- The draft final design package was submitted to TBC and the agency.
- 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 approximately 75 % complete.
- The alignment of the West Berm was modified to extend further west due to settlement along the original alignment.
- West Levee (new alignment) final containment system installation is approximately 93 % complete.
- East levee along TBC access road and plant approximately 92 %
- A design revision has been issued for this new alignment and for the two interim water transfer structures.