

**Daily Report – for 7/16/13****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 14 residential properties. No methane, LEL, or H2S was detected at either of the two locations where probes were installed last week
- Indoor air screening continuing, with 42 properties surveyed to date with no detections of %LEL or H2S.
- Under structure pressure monitoring underway at 1465 Sauce Piquante and will continue until July 16<sup>th</sup>. 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 being mobilized to the site and installations will begin on Wednesday, July 17th
- 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 1<sup>st</sup> to April 13<sup>th</sup>, 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 50 locations to date.
- A barge-mounted CPT unit is being outfitted and will begin CPT pushes in the swamp on Wednesday of this week.

**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 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 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.