

## Daily Report – for 6/7/13

### 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 109 monitor pairs have been installed on 52 properties. No positive alarms of installed monitor pairs have occurred to date.
- A total of six monitoring pairs and six transmitters have been provided to Assumption Parish, at their request.
- Under structure sampling probes have been installed at 9 residential properties. Laboratory samples have been collected at seven probe locations.
- Indoor air screening continuing, with 42 properties surveyed to date with no detections of %LEL or H2S.
- Received input from BRC on under slab pressure monitoring on 5 June 2013
- Tt working on final design for sub-slab ventilation systems.
- 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.
- Test for using the Cone Penetration Testing (CPT) technique to determine the presence of a methane gas layer on top of the MRAA ongoing. Eleven CPT borings have been installed to date.
- Boring CPT-11 was installed next to well ORW-1 yesterday and CPT-12 is being installed north of highway LA 70 on the “Tower” road 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

**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 90% 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 45 % complete.
- A design revision has been issued for this new alignment and for the two interim water transfer structures.