

## Daily Report – for 5/21/13

### 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 103 monitor pairs have been installed on 49 properties. No positive alarms of installed monitor pairs have occurred to date.
- A total of five monitoring pairs 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.
- Continue to provide OEP with monitor pairs for installation at properties requesting OEP installations.
- 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. Six CPT borings have been installed to date. Crew is changing equipment to improve well control and will resume probing on Thursday.

#### **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 85% 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. The initial containment construction of the new West Levee is 100 % complete. Deploying GCL today.
- A design revision has been issued for this new alignment.