

Daily Report 8/27/13

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 118 monitor pairs have been installed on 56 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 16 residential properties.
- Indoor air screening continuing, with 45 properties surveyed to date with no detections of %LEL or H2S.
- Under structure pressure monitoring has been completed for 12 probe locations installed in 8 properties. Under structure pressure monitoring is currently underway at 3 probes. Pressure monitoring is being scheduled at 5 additional properties. Barometric pressure is also being recorded at a weather station installed at the command center.
- Performed under slab gas monitoring at 174 Crawfish Stew - still measuring elevated LEL and H2S levels.
- Performed ambient air and in-stack air monitoring of all vent systems.
- Completed installing electrical service to units at 1433 and 1465 Sauce Piquante.
- Monthly monitor calibration is ongoing.
- Rock's Trucking mowed lawns in the neighborhood at the request of TBC.

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.
- Set up Thompson CPT rig on barge; hauled sand from the stockpile to the landing on the west of Bayou Corne to assist loading of the CPT rig onto the barge. Mobilized barge and rig to CPT-115W; advanced the cone to 136.5 feet below the mud line. Removed cone and grouted borehole to mud line without incident.
- Mobilized Tt/AAI rig to CPT-30 for a re-push to attempt to reach the MRAA. Advanced cone to 145 feet bgs. Removed cone and pressure grouted borehole to surface without incident.
- Advanced borehole at ORW-48 to 134' below ground surface (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.
- Installed choke valve, meter run with 1/8" orifice plate, and Barton meter at ORW-42; connected to gas piping and began flow to flare 4.

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.
- Completed 8 soil density tests on the south berm; this completes the compaction testing. 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%.
- Imported and placed limestone around the Geophone 1 pad.