

Daily Report 9/03/13

Tetra Tech

This report reflects the tasks accomplished during the Labor Day weekend, including Friday 8/31 to Monday 9/2, 2013.

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.
- Current total: 112 sets at 52 locations. 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.
- Continued monthly monitor calibration.
- Continued indoor air screening; 45 properties surveyed to date with no detections of %LEL or H2S.
- Continued housekeeping in the areas involving air monitoring.
- Installed redesigned probes at 116 Craw Fish Stew at 2 locations. Documented construction method and installation procedure.
- Responded to DNR request for additional information/comments.
- Conducted pressure monitoring at 1408 Sauce Piquante.
- Checked on ongoing pressure monitoring at 174 Craw Fish Stew and 1428A Jambalaya.
- Conducted additional trouble shooting on the NID202 system.
- Monitored the Vapor Monitoring System at 134 Sportsman Drive.
- Inspected and downloaded data from 174 Crawfish Stew and 1428 A Jambalaya.
- Conducted gas monitoring at all locations with Under Slab Ventilation Systems.
- Modifications completed to Under Slab Ventilation System at 116 Craw Fish Stew, 1433 Sauce Piquante, and 1438 Sauce Piquante. Replaced flame arrestors with 4-inch pipe ends with 3-inch inline flame arrestors.

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.
- Thompson Engineering CPT Rig: On Standby.
- Tt/AAI Rig: Tt/AAI mobilized and began push at CPT-32R. Cone was advanced to a depth of 132.6 feet bgs. The cone was removed and borehole was pressure grouted to surface without incident. Tt/AAI rig demobilized for holiday weekend, scheduled return date 09/03/13.
- Set the location for TBC Portable Flare on the Triche property; finalized layout.
- Rock's Trucking completed construction of MRAA Pad – 7; built limestone pad for TBC Portable Flare on The Triche property.

- Installed and connected lateral piping to ORW-48; began monitoring at ORW 43 and 48.
- Conducted monthly transducer data collection.
- Conducted preliminary layout of lateral piping path for ORW-46 and ORW-3.
- Submitted pump data to DNR.
- Finalized layout of lateral piping for ORW-46; produced materials list.

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.
- Performed daily flare maintenance.
- Performed Barton Meter routine maintenance.
- Developed staff plan for TBC housekeeping punch list.

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%.
- Provided depressurization support for Geophone 1.