

## Daily Report 10/01/13

### 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.
- Current total: 102 pairs at 48 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.
- Performed daily observation of the under slab ventilation systems: all units on-line.

Plan for today:

- Monitor ventilation systems

#### **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.
- Completed daily ORW well data collection.
- The contractor completed final grading of the access road for CPT-90 and 91.
- Thompson Engineering mobilized to CPT-90: the cone was advanced to 121.77 feet bgs.
- Rock's Trucking trenched and installed conduit across the TBC access road to bring internet cable to the new office trailer.

Plan for today:

- Thompson Engineering mobilize to CPT-91.

#### **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.
- Continued pilot testing at ORW-9. Gallons purged to-date: 12,674 gal. Well head pressure at 0.0 psi.
- Continued pilot testing at OGRW-1. Gallons purged to-date: 22,654 gal. Well head pressure at 53.0 psi.
- Performed maintenance on air compressors. Unit at OGRW-1 failed yesterday. Portable compressor used overnight; Sunbelt replaced the unit yesterday afternoon.
- Downloaded and transmitted data collected from the pilot test wells: ORW-9, 39 & 40, OGRW-1.
- Brought ORW-39 and 40 on-line for pilot test; continued to experience gas pressure in the drop tubing in spite of relieving pressure to the flare. Gas pressure is hindering the operation of the pump. After several hours of troubleshooting, shut the air off to the pumps and continued to flare each well.
- Performed well dewatering and logging at ORW-28 & 30.
- Rock's Trucking placed geotextile and limestone on the well pads for ORW-39 & 40.

#### Plan for Today:

- Monitor pilot testing at OGRW-1 and ORW-9.
- Perform well dewatering and logging activities.

#### **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.
- The current configuration of the sinkhole containment system is completed.