

## Daily Report 9/25/13

### 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.
- Installed two sets of detectors at 125 Sportsman's Drive.
- Removed and replaced the damaged blower unit at 135 Crawfish (shed); both damaged units will be shipped back to OBAR tomorrow.

Plan for today:

- Complete building ventilation system enclosures.

#### **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.
- TE mobilized to CPT-92W (Edmond Lane).
- CPT-92W advanced to refusal at 130.57 ft bgs.

Plan for today:

- Thompson Engineering on stand-by pending completion of access to CPT-90 and 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.
- The contractor imported 107.34 tons of Mexican yellow limestone to the Triche property, extending the access road approximately 100 feet.
- Begin depressurization of well ORW-42 in preparation for transducer installation
- Purged approximately 1800 gallons during development of ORW-30; installed well tree/valves.
- WHE tagged the total depth and found the drop tubing free of sand/silt at ORW-31. Injected 300 gallons of bentonite mud remover (BMR)(Aquaclear), followed by 300 gallons of potable water; the well was secured for the night.
- Began depressurization of ORW-28 & 29 in preparation for re-development.
- Continued pilot testing at ORW-9. Gallons purged to-date: 7725 gal. Well head pressure at 40.5 psi.
- Continued pilot testing at OGRW-1. Gallons purged to-date: 11051 gal. Well head pressure at 55.5 psi.
- Downloaded and transmitted data collected from the pilot test wells ORW-9, 39 & 40, and OGRW-1.
- Installed a transducer in ORW-41 (141' bgs); installed a track-it data logger on ORW-39 drop tube.
- Installed porch-style steps at ORW-39 and 40 to allow for safe access to download data.

#### Plan for Today:

- Continue building the limestone road on the Triche property, weather permitting.
- Monitor pilot testing at OGRW-1 and ORW-9.
- Continue well redevelopment using BMR at ORW-28 and 29; purge ORW-31.
- Install transducers at ORW-42 & 43.

#### **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.
- Compaction testing complete (8 Soil density tests on the south berm). 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.
- The contractor excavated several drainage ditches, graded eroded slopes and installed gates at various locations on the berms per TBC.