

## Daily Report 9/20/13

### 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: 104 pairs at 50 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.
- Removed 3 sets of detectors at 145 Sportsman's Drive: owners have vacated and the power is off.
- Boudreaux Electric performed voltage/watts testing on all (14) blower units; adjusted to optimum cfm/watts ratio.
- Completed installation of the privacy enclosure at 116 Crawfish Stew (east unit); installed wood frame for the guest unit enclosure at 1433 Sauce Piquante.
- Assumption Parish inspected and passed units at 174 Crawfish Stew, 116 Crawfish Stew, 1438 Sauce Piquante and 1465 Sauce Piquante.
- Plan for today: Continue building ventilation system enclosures; Assumption Parish to inspect remaining 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.
- TE mobilized from CPT-80W to CPT-79W under Hot Work Permit (for gas engines) from CROSSTEX. CPT-79W advanced to refusal at 142.48 ft bgs
- Plan for today: Thompson Engineering mobilize rig to CPT-78, on Crosstex property.

#### **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.
- Prepared a map of the collection system piping, indicating pipe sizes and locations of valves.
- Performed depressurization at Geophone 1, from 230 psi to zero. Assisted with removing flanges to allow Baker-Hughes to set up logging equipment.
- Install remaining 1" pvc piping to the frac tanks located adjacent to ORW-9 & OGRW-1; began pump down tests at both locations.
- Installed tubing sandpack in ORW-5.
- Plan for Today: WHE to install redesigned well heads on ORW-39 & 40.

#### **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.
- Conducted Sinkhole depth survey verification.
- Rock's Trucking continued construction of the levee overflow structure on the west berm. Concrete mats were placed according to plan: an area 142' x 49' was completed.
- Plan for today: Rock's Trucking: continue installing concrete mats for the overflow structure.