

## Daily Report 9/19/13

### 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: 107 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.
- Set up under slab pressure monitoring equipment at 174 Crawfish Stew to begin a 24-hour vacuum test.
- Boudreaux Electric completed the electrical service to (2) blowers at 1465 Sauce Piquante and the units were brought on-line.
- Completed installation of the privacy enclosure at 116 Crawfish Stew, west unit & 135 Crawfish Stew, garage unit; installed wood frame for the east unit enclosure at 116 Crawfish Stew.
- Jimmy Stark (StarCom) performed monthly maintenance on the residential area RAE detectors.
- Plan for Today: continue 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 from CPT-117W to CPT-80W under Hot Work Permit (for gas engines) from CROSSTEX. Borehole was advanced to refusal at 145.71 ft bgs.
- Plan for Today: Thompson Engineering mobilize to CPT-79, 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.
- Disconnected the meter run at ORW-48 to allow for Tanner to pick up the board mats; reconnect when mat removal was complete.
- Installed additional separators on air compressor units at OGRW-1 and ORW-9; connect hose and fitting from the compressors to the QED pump well head at each well; install pump discharge piping (1" pvc) at the wells.
- Prepared a map of the collection system piping, indicating pipe sizes and locations of valves.
- WHE sonic crew utilized the Smeal truck and vac truck to remove 42 feet of sand/silt from ORW-5.
- Plan for Today: WHE to install drop tubing and sand filter pack at ORW-5; install new well heads at ORW-39 & 40; begin pump drawdown test at ORW-9.

#### **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.
- East levee along TBC access road and plant approximately 98% complete.
- Rock's Trucking completed excavation for the levee overflow structure on the west berm. Miller & Associates surveyed the area to confirm plan elevation; deployed geotextile fabric over the area prior to placing concrete mats.
- Plan for today: Rocks Trucking install concrete mats for the overflow structure.