

## Daily Report 10/07/13

### Tetra Tech

Due to tropical storm Karen, all non-essential personnel were released on Friday (10/04/13). The weather stand down was lifted on Sunday afternoon; work resumed this morning (10/07/13).

#### **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: 100 sets installed at 46 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; 5 of 14 units were off: 174 Crawfish Stew, shop, north; 1433 Sauce Piquante, guest house; 1438 Sauce Piquante; 1465 Sauce Piquante SW; and 116 Crawfish Stew SW. Currently troubleshooting.

Plan for today:

- Monitor ventilation systems.
- Trouble shooting ventilation system issues.
- Install new underslab probes for pressure monitoring at 174 Crawfish Stew and 1438 Sauce Piquante.
- Replace dysfunctional blower at 1438 Sauce Piquante.

#### **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.

#### **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.
- Purged approximately 500 gallons from ORW-31.
- Pushed out ORW-17, no pumping due to weather stand down.
- Shut off ORW-9 for pilot testing due to weather stand down. Gallons purged to-date: 14,984 gal. Well head pressure at 4.7 psi; differential pressure: 4.0”
- Performed well dewatering, logging, and pilot test at ORW-29. Regulated the pumping rate, continued to build pressure in the drop tubing.
- Scott Shaw observed the WHE/Respec DPVE testing.
- Monitored pilot testing at OGRW-1 and ORW-9 and ORW-40
- Installed transducer and AP water pump at ORW-29.

Plan for Today:

- Perform well dewatering and logging activities
- Pump out ORW-31
- WHE to perform well re-development.

**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.