

**Daily Report 10/18/13****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: 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.
- Conducted visual inspection and maintenance of Under Slab Ventilation System. Unit at 1465 Sauce Piquante Home-North is off line pending further evaluation of water level influence. All remaining units functioning.
- Evacuated liquid build-up found in collector piping. Transferred liquids to TBC frac tank.

## Plan for today:

- Continue monthly monitor calibration.
- Continue indoor air screening.
- Support the Under Slab Ventilation System evaluation as requested.
- Implement recommendations for Under Slab Ventilation System.

**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.
- Thompson rig mobilized, set-up, began and completed the push at CPT-97. The cone was advanced to a depth
- of 129.51 ft bgs. The cone was removed and the bore hole was pressure grouted to surface without incident.

#### **Directive #4 – Operation of All Wells**

Flares #2, #3, #4, #5, and #6 are operating. One additional flare, and a trailer-mounted backup flare, are available as needed. TBC Flare #1 will require insulation repair prior to being put into service.

- Well work overs are ongoing for all low-producing and non-flowing wells.
- Barton meters have been installed on flowing wells; performed routine maintenance.
- Performed daily flare maintenance.
- Continued Pilot Test Program at OGRW-1. The outlet valve to frac tank is open and draining to containment area. Well head pressure: 26 psi; differential pressure: 8”.
- Continued Pilot Test Program at ORW-40. Outlet valve to frac tank is open and draining to containment area. Well head pressure: 36 psi; differential pressure: at 18”.
- Lowered tubing at ORW-39 from 28 ft to 94 ft bgs.
- Initiated Pilot Test Program at ORW-39. Outlet valve to frac tank open and draining to containment area. Well head pressure: 36 psi; differential pressure: 6”.
- Dewatered ORW-24; 100 gallons purged and transferred to frac tank.
- Rock’s Trucking repairing access road to proposed ORW well locations on Triche property to facilitate completion of ORW-52 and ORW-53 by 10/22.

#### **Plan for Today:**

- Continued Pilot Test Program at ORW-40. Outlet valve to frac tank is open and draining to containment area. Well head pressure: 36 psi; differential pressure: at 18”.
- Lowered tubing at ORW-39 from 28 ft to 94 ft bgs.

#### **Directive #5 – Sinkhole Containment**

- Submitted Joint Application to OCM and COE, which included sinkhole containment design and additional ORW wells, 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.