

**Daily Report 10/21/13****Tetra Tech**

This report covers the period from 10/18/13 to 10/20/13.

**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: 198 detectors at 45 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.
- Removed detectors from 1404 Hwy 70.

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.
- Begin air monitoring program for bought out properties (17 properties) this week.

**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.

Plan for Today

- Thompson rig to mobilize and continue CPT pushes on Sportsman's Lane.

#### **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, ORW-40, ORW-39. The outlet valve from the to the frac tank receiving water from these wells is open and draining to containment area.
- Installed AP-2 pump for dewatering logging on well ORW-10.
- Initiated flaring at ORW-29.
- Completed ORW well re-development dewatering at ORW-5: 140 gallons purged; ORW-18: 120 gallons purged; ORW-7: 190 gallons purged. All purged liquids transferred to Frac Tank.
- Rock's trucking began improvements to sand roads on Triche property (access for ORW-52 and ORW-53. 132.87 tons Grey Limestone imported and used for roadway. Roadway is now drivable.
- Began installation of lateral lines for ORW-52 and ORW-53 on the Triche property.
- Completed ORW well re-development dewatering of ORW-10: 110gallons purged. All liquids transferred to frac tank.

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

- Perform daily flare, Barton meter, generator, and compressor maintenance.
- Continue Pilot Test Program.
- Continue operation and maintenance of Barton meters.
- Performed daily flare maintenance.

#### **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.
- Rock's Trucking: Imported and stockpiled Limestone, 567.50 tons, on Rig road Lay down yard
- Rock's Trucking removed ruts left in road by support rig for Geophone well work.

- Conducted SWPPP Containment Berm inspection. There is a gully formed near ORW-5, and a portion of the access road (west of flare 5) does not have a silt fence and the culvert has been clogged with sand at this location. Both of these conditions need to be addressed.