

Daily Report 10/29/13**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: 99 Sets of detectors installed at 45 locations. No positive alarms have occurred to date for either % LEL or H2S.
- A total of ten monitoring pairs and associated transmitters have been provided to Assumption Parish, at their request.
- Continued monthly monitor calibration.
- Conducted visual inspection and maintenance of Under Slab Ventilation Systems. All units are functioning except one unit at 1465 Sauce Piquante which is off line pending further evaluation of water level influence. Evacuated water build-up found in the systems; transferred to the TBC frac tank.
- Met with technician from Sage Environmental for training on the operations and maintenance of the Under Slab Ventilation System.

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.
- Continue in-home air monitoring of TBC properties.
- Monitor ventilation systems; Sage Environmental to shadow process.

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 of ROI testing was completed July 21st. Report is being finalized.
- Completed daily ORW well data collection.
- Rock's Trucking imported ~ 436 tons of Mexican yellow limestone and placed it on the Triche property to continue the access road from east of ORW-3 toward the west entrance into the property (~900' x 16'); placed 3 rolls of geotextile under the limestone.
- Used a Fauchueux air boat to obtain GPS coordinates and general measurements of the areas of swamp cleared to provide access to CPT locations.

Plan for Today

- WHE: 2-man crew to install 6' x 6' concrete well pads and bollards at various well locations.

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.
- Unable to conduct pilot test at ORW-39 & 40 due to Code 3 restriction.
- Continued pilot testing at OGRW-1. Well head pressure: 26 psi; water level in tubing: 46.57'.
- Dewatered ORW-6: no change in well head pressure (15 psi).
- Dewatered ORW-10: removed 100 gallons; well head pressure went from 0.0 to 4.5 psi.
- Re-installed the transducer in ORW-17.
- Completed well head connections at ORW-52: installed choke valve, meter run and Barton meter; current status: 48 psi @ well head. ORW-53 was shut in for 2 hours during work at ORW-52.
- WHE 2-man crew installed bollards at various well locations.

Plan for Today:

- Perform daily flare, Barton meter, generator, and compressor maintenance.
- Continue pilot testing at OGRW-1.
- Install 6' x 6' concrete well pads and bollards at various well locations.
- Install transducer at ORW-19.

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 was 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.
- Monitored the crack on the south berm – noted additional movement. Miller Engineers performed survey work on the south berm to quantify movement.

Plan for Today

- Inspect crack on the south berm.