

**Daily Report 11/26/13****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; the detailed Work Plan was submitted to DNR on 1/14/13 for comments.
- Installed a total of 98 detectors 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.
- Completed visual inspection and maintenance of the under slab ventilation systems. Liquids found in the systems were removed and transported to the TBC frac tank.

## Plan for today:

- Continue monthly monitor calibration.
- Continue indoor air monitoring.
- Continue in-home air monitoring of TBC properties.
- Continue ventilation system operation, maintenance, and monitoring.

**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.
- Constructed ORW enclosures in Sportsman's Drive area.

## Plan for today:

- Follow-up monitoring at CPT-121, 122, and 123 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 operation and maintenance.
- Performed daily relief well operation and maintenance.
- Installed gauges on various PMW wells.
- Depressurized PMW-19-S (ORW-42) by opening to the flare with a ½" orifice plate installed. Noted excellent communication to the MRAA.
- Completed the enclosure at ORW-49.
- Downloaded track-it and transducer data from ORW's and PMW's.

Plan for Today:

- Complete daily flare, Barton meter, generator, and compressor operation and maintenance activities.
- Compile data from transducer and Track-It downloads for all ORW's and PMW's.

**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.
- Inspected berms surrounding the sinkhole.
- Miller Engineers surveyed settlement plates.
- Rock's Trucking operated the Baker pumps.

Plan for Today

- Inspect berm.