

Daily Report 11/08/13

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.
- Current detector count: 97 pairs (194 detectors) at 44 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.
- Performed visual inspection and maintenance of the under slab ventilation systems. A Sage Environmental technician accompanied the Tt personnel. Liquids found in the systems were removed and transported to the TBC frac tank.
- Three of the six host computers are hardwired; 3 are still operating wireless until additional equipment is procured and installed.

Plan for today:

- Continue monthly monitor calibration.
- Continue indoor air screening.
- 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 and placed clay for the MRAA-05 pad enlargement.
- WHE sonic crew completed MRAA-02S, near ORW-9 (under Pisani oversight).

Plan for Today:

- Complete daily ORW well data collection.
- WHE to continue MRAA drilling.

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.
- Continued pilot testing at OGRW-1. Well head pressure: 34 psi; water level: 46.45'.
- Performed dewatering/data logging at ORW-10. The well was brought on line at 2:10 pm 11/07/2013 during dewatering. 210 Gallons of water were transferred to the frac tank; final well head pressure was 14.0 psi.
- ORW-39 was brought on line; maintained 47.0 psi.

Plan for Today:

- Perform daily flare, Barton meter, generator, and compressor maintenance.
- Continue pilot testing at OGRW-1.
- Perform inspection and verification ORW pressure gauges.

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 the south berm: evidence of continued subsidence west of the original crack was observed, along with continued lateral movement of the central portion of the south berm northward toward the sinkhole.
- Built and installed spill containment under the Baker pumps.

Plan for Today

- Inspect cracks on the south berm.