

Daily Report 12/23/13

Tetra Tech

This report summarizes activities completed 12/20/13 to 12/22/13. Daily reports will not be prepared on Tuesday 12/24/13 and Wednesday 12/25/13. Daily reports will resume on Thursday 12/26/13.

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; 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 daily 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 monitor calibration.
- Continue indoor air monitoring.
- Continue ventilation system operation, maintenance, and monitoring.

Directive #2 – Additional Relief Wells and Directive #3 – Overall Plan as Corrected

- 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 and ORW-9.
- The field portion of ROI testing was completed July 21st. Report is being finalized.

Plan for today:

- Field construction activities are suspended until January 6, 2014.

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.
- Depressurized ORW-54. Removed 115 gallons (Friday), 125 gallons (Saturday), and 100 gallons (Sunday) of water from the separator; pressure ranged from 11 to 13 psi.
- Dewatered ORW-32; starting conditions: well head pressure: 0 psi; water level: 6.47 ft bgs. Pumped 150 gallons over 1.75 hours; ending conditions: well head pressure: 0 psi; water level: 84.72 ft bgs.
- Dewatered ORW-18; starting conditions: well head pressure: 11 psi; water level: 9.39 ft bgs. Pumped 140 gallons over 2 hours; ending conditions: well head pressure: 16 psi; water level: 68.74 ft bgs.
- Continue depressurization of ORW-54. Removed 125 gallons of water from the separator.
- Shut in ORW-19 and ORW-39 due to low pressure.
- Began flaring ORW-26 (on Sunday 12/22/13).

Plan for today:

- Complete daily flare, Barton meter, generator, and compressor operation and maintenance activities.
- Dewatering activities are suspended until January 6, 2014.

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.
- Water surface elevations were not taken due to Code 3 conditions.
- Completed visual inspection of South Berm.
- Completed weekly SWPPP Inspection.

Plan for today:

- Inspect berm (unless code level prohibits).