

Daily Report 12/02/13

Tetra Tech

This report covers the time period from 11/27/2013 to 12/01/2013.

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 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 & ORW-9.
- The field portion of ROI testing was completed July 21st. Report is being finalized.
- No activities were completed on this Directive over the 11/28/2013 to 12/01/2013 time period.

Plan for today:

- No activities planned.

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.
- Began running ORW-49, ORW-50, ORW-52 and ORW-54 more aggressively to depressurize the wells by Monday for the installation of permanent wellheads. Anticipate an initial increase in flow before the wells begin to water in and loose pressure, followed by a decrease in flow and pressure.
- Flare 3 was down from 11:30 PM Sunday 12/1/2013 to 7:30AM Monday 12/2/2013. A decrease in daily flow and an increase in wellhead pressure for the flowing wells assigned to this flare are anticipated.

Plan for today:

- Complete daily flare, Barton meter, generator, and compressor operation and maintenance activities.

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.

Plan for today:

- Inspect berm.