

Daily Report 12/10/13

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 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.
- WHE set concrete forms around three dual phase vapor extraction wells on Maurice Road.

Plan for today:

- Begin re-development at ORW-32 & 38.

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.
- Attempted to completely depressurize ORW-54; when the pressure dropped to below 20 psi, it flooded the meter run and gas piping with water, shutting the flare down. Moved the separator closer; will connect it and run the gas/water through it today. The water was removed from the gas lines, the flare was restarted, and the well was put back on line.
- Removed 50 gallons of water from ORW-26; unable to pump more. Pumped in 400 gallons, and then 1000 gallons of water, to try to clear the screen/filter pack. Hydraulic communication with aquifer continued to be impeded. Plan to use a pump with higher pressure to clear the screen/filter pack today.
- Pumped water into ORW-48 to kill it. Installed a new 4" master valve; installed 2" galvanized tees and fittings, with valves, gauges and Track It logger, and connected it to the existing meter run.
- Dewatered ORW-30. Starting conditions: 11 psi well head, 11.68' water level. Removed 325 gallons over three hours. Ending conditions: 11 psi well head, 29.68' water level.
- Dewatered ORW-31. Starting conditions: 14 psi well head, 11.28' water level. Removed 130 gallons over 2.25 hours. Ending conditions: 12 psi well head, 73.67' water level.

Plan for today:

- Complete daily flare, Barton meter, generator, and compressor operation and maintenance activities.
- Continue dewatering schedule.
- Continue redevelopment of ORW-26.
- Connect ORW-54 through the separator to the flare; attempt to "kill" the well.

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.
- Rock's Trucking operated the Baker pumps.

Plan for today:

- Inspect berm.