



Daily Report 01/30/14

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 91 detectors at 42 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.
- Monitored pressure at the PVW wells.
- Completed visual inspection and maintenance of the under slab ventilation systems. Liquids found in the systems were removed and transported to the storage tank located at ORW-22.
- Reviewed all system data with the Assumption Parish Office of Emergency Preparedness (APOEP) representative; tracked status of in-home monitors.
- Monitored pressure at the PVW wells.

Plan for today:

- Continue monitor calibration.
- 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:

- No drilling is planned for today.

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.
- Brought ORW-4, 18, 48, 52, 53, 55, and 56 back on line after being shut-in due to storm; also restarted Flare 3.
- Increased flow at ORW-54.
- Continued to keep Flare 2 shut down due to weather concerns. Began troubleshooting the air compressor for the pump in OGRW-1 which is inoperable due to freezing temps.
- Researched and responded to Louisiana Department of Natural Resources (LDNR) questions about dewatering.
- Performed transducer maintenance at OGRW-1, and ORW-15, 19, and 29.
- Removed all piping to Frac Tank 3 (near ORW-9) in preparation for relocation to ORW-38.

Plan for today:

- Complete daily flare, Barton meter, generator, and compressor operation and maintenance activities.
- Continue well dewatering.
- Winterize the compressor for the pump in OGRW-1.

Directive #5 – Sinkhole Containment

- Submitted original sinkhole containment design in Joint Application to OCM and COE on 2/14/13.
- A pre-construction meeting for the original containment system was held on-site on 3/14/13 for TBC and contractors.
- Construction of the original sinkhole containment system began 4/1/13; construction was completed 9/23/13.
- During late October 2013 and mid-December 2013, cracks and a drop in elevation occurred along the southern levee of the original containment system. Increased seismic activity was also noted at these times.
- During the week of January 6th, 2014 a new Emergency Use Authorization was submitted and approved for constructing a new southern levee approximately 500 to 1300 feet south of the southern levee of the original containment system.
- Completed visual inspection of existing levee.
- Water surface elevations in the Bayou and inside the containment were measure by laser sight: Bayou: 0.9 ft above mean sea level (AMSL); containment: 0.4 ft AMSL.



New South Containment Levee

- Construction of the new south containment levee began on 1/8/2014. Tree clearing for this new levee was completed January 15, 2014. The construction of the new southern levee is anticipated to be completed in April 2014.
- No earthwork was completed due to winter storm conditions.

Plan for today:

- Rock's Trucking to import sand to the Rig road stockpile, and place on the new south containment levee from the west levee, weather permitting.