



Daily Report 01/29/14

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.
- Placed a back-up generator at the monitor system office in preparation for a possible power outage due to weather involving sleet and freezing temperatures.

Plan for today (weather permitting):

- 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:

- After discussion with TBC/Tt/WHE, the decision was made to release the WHE crews today due to winter storm conditions.

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.
- Installed the new demister pad in the knock out unit.
- Installed a transducer in ORW-46.
- Placed back-up generator at Flare 5.
- Adjusted the grade on flowing well meter runs to allow for water drainage.
- Shut in wells ORW-52, 53, 55, 56 (Triche property), ORW-48 (DOT area), and ORW-18 (Maurice Rd) due to winter storm conditions and possible well damage from falling tree branches.
- Shut down Flare 3. With ORW-48 shut in, Flare 3 could not maintain operation with only ORW-4. Shut in ORW-4.
- Shut down Flare 2 due to weather concerns; shut in ORW-14 and OGRW-1.

Plan for today (weather permitting):

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

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: 1.0 ft above mean sea level (AMSL); containment: 0.6 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.
- Earthwork cancelled due to winter storm conditions.

Plan for today:

- No earthwork is scheduled today due to winter storm conditions.