



Daily Report 01/16/14

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.
- 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-38.

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.
- CSSI continued clearing trees on the Triche property for the access road to proposed wells ORW-55 and 56. Approximately 600 linear feet of path have been cleared at an average width of 25 feet.
- Rock's Trucking imported 700 cubic yards of sand to the Triche property for the access road. Approximately 200 linear feet of roadway completed.

Plan for today:

- CSSI continue chipping trees for extending the access road on the Triche property.
- CSSI clear trees for the access road to ORW-57.

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.
- Continued well dewatering.
- Dewatered ORW-10. Starting conditions: well head pressure: 21.0 psi; water level: 8.04 ft bgs. Removed 180 gallons and transferred to the TBC frac tank; ending conditions: well head pressure: 20.0 psi; water level: 39.81 ft bgs.
- Dewatered ORW-22. Starting conditions: well head pressure: 15.0 psi; water level: 8.43 ft bgs. Removed 150 gallons; transferred to the tank at ORW-54. Ending conditions: well head pressure: 22.0 psi; water level: 30.18 ft bgs.
- Dewatered ORW-32. Starting conditions: well head pressure: 0.0 psi; water level: 8.94 ft bgs. Removed approximately 175 gallons and transferred this water to the tank at ORW-54. Ending conditions: well head pressure: 0.0 psi; water level: 78.22 ft bgs.
- Dewatered ORW-39. Starting conditions: well head pressure: 24.5 psi; water level: 16.64 ft bgs. Removed approximately 223 gallons and transferred this water to the TBC frac tank. Ending conditions: well head pressure: 4.5 psi; water level: 82.06 ft bgs. Opened ORW-39 during pumping; after 4 hours the well head pressured decreased until flow could not be measured. The well was shut in after 4 hours of operation.
- Continued to depressurize ORW-54. Removed 100 gallons from the separator.

Plan for today:

- 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.
- Construction of the new south levee began on 1/8/2014. Tree clearing for the new south levee was completed January 15, 2014. Sand placement for the new south levee is anticipated to be completed in April 2014.
- Rock's Trucking imported 1120 cubic yards of sand to the new south levee. The levee was extended across the Florida Gas pipeline right of way. A representative for Florida Gas monitored the crossing of the right of way.
- Completed visual inspection of existing levee.

Plan for today:

- Inspect original levee.
- Rock's Trucking to continue importing sand for the new south levee.