



## Daily Report 02/04/14

### 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-22.

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.
- WHE mobilized to the site to drill ORW-57. Due to rain, drilling was postponed
- Rock's Trucking placed board mats at the ORW-58 location.

Plan for today:

- WHE begin drilling ORW-57, weather permitting.

#### **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.
- Monitored pressure at the PVW wells.
- Shut down Flare 4 for maintenance.
- Shut-in ORW-26 due to lack of flow.
- Removed the RediFlo-3 pump from ORW-43; removed the well head and reinstalled it at ORW-38; reconnected the well head and meter run at ORW-43.
- WHE removed the pump from ORW-41; Tt installed the transducer.
- Removed pump from ORW-6 and used a tremie to flush silt from the 2.5-inch drop tube (used 700 gallons of potable water) to allow the transducer to be removed. Removed the transducer; purged 300 gallons of water from the well. Reinstalled the transducer and restored the well to service.
- Baker Tanks moved the frac tank from ORW-9 to ORW-38.
- Installed RediFlo-3 pump and controls at ORW-38.

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.
- Completed visual inspection of existing levee.
- Completed Storm Water Pollution Prevention Plan (SWPPP) inspection.



### **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.
- Rock's Trucking did not import sand to the site due to rain. Limestone was placed on the north berm and graded from the TBC road to ORW-9. Also graded the TBC access road. Note that on Sunday, 610 cubic yards of sand were imported to the site before work was stopped due to rain. This sand was placed on the new south containment levee near Pad 10 (approximately 16 linear feet), near the west levee (approximately 7 linear feet) and the remainder in the stockpile on the Rig Road pad.
- The total new south containment levee completed to date is approximately 3011 LF.

### **Plan for today:**

- Rock's Trucking continue construction of the new south containment levee, weather permitting.