

## Daily Report 01/09/14

### 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 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 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.

#### **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.

- Decreased flow at ORW-49 to address continued losses in pressure and flow. Working to stabilize pressure.
- Continued depressurization of ORW-54; removed 70 gallons from the separator.
- Dewatered ORW-22. Starting conditions: well head pressure: 10.0 psi; water level: 11.17 ft bgs. Removed 250 gallons from the well; placed in the storage tank located at ORW-54. Ending conditions: well head pressure: 23.5 psi; water level: 38.54 ft bgs.
- Prepared flange and fittings for ORW-38 pump test.
- Performed bucket test on pump at OGRW-1: current rate is 1.33 gpm.

Plan for today:

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

#### **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.
- Completed visual inspections of South Berm. No new changes noted.
- CSSI's swamp excavator and support airboat are on standby pending approval to proceed with clearing for the new south berm alignment.
- Fauchaux Services moved the 40-ft x 24-ft spud barge away from Pad 10.
- Rock's Trucking placed concrete barriers around the OXY/Taft brine well on Pad 10.
- Rock's Trucking hauled sand from the stockpile and began building the new south berm alignment at Pad 10. Approximately 950 cubic yards were placed, and extended 140 ft x 20 ft.

Plan for today:

- Inspect berm.
- Rock's Trucking to continue work on new south berm alignment.