



Daily Report 01/10/14

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.
- Found water running from a broken water line at 1465 Sauce Piquante; turned the water off at the meter, notified the Parish and left a message for the homeowner. As a result of the additional water, the northeast vent unit probe had excessive water in it. Shut the unit off until the area dries up.

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.
- Made slight increases in choke position at ORW-15, 36 and 46.
- While pumping ORW-26, opened the well (52 psi) to flow (8:00 am); monitored through the day.
- Continued depressurization of ORW-54. Removed 230 gallons from the separator.
- Dewatered ORW-26. Starting conditions: well head pressure: 52.0 psi; water level: 7.91 ft bgs. Removed 80 gallons and transferred this water to the TBC frac tank. Ending conditions: well head pressure: 51.0 psi; water level: 90.21 ft bgs.
- Performed a second bucket test on pump at OGRW-1: flow rate is 1.42 gpm; the pump averaged 6 to 8 cycles per gallon.
- Assisted Pisani with obtaining water samples at OGRW-1 and ORW-54.

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.
- Completed weekly SWPPP inspection.
- Rock's Trucking hauled sand from the stockpile and continued building the new south berm alignment at Pad 10. Approximately 760 cy were placed, completing an area 20 ft wide by 160 ft long.

Plan for today:

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