

Daily Report 9/30/13

Tetra Tech

This report covers the work completed 9/27-29/2013

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 and the detailed Work Plan was submitted to DNR on 1/14/13 for comments.
- Current total: 102 pairs at 48 locations. No positive alarms of installed monitor pairs have occurred to date.
- A total of ten monitoring pairs and associated transmitters have been provided to Assumption Parish, at their request.
- Continued monthly monitor calibration.
- Continued indoor air screening; 45 properties surveyed to date with no detections of %LEL or H2S.
- Performed daily observation of the under slab ventilation systems; found 3 of 14 units not running: 1433 Sauce Piquante, guest house unit – restarted; 116 Crawfish Stew, west unit – restarted; 135 Crawfish Stew, garage unit – restarted. Water was not a factor in the shut downs.
- Completed 24-hour vacuum test at 1433 Sauce Piquante.
- Placed geotextile and gravel in the remaining vent system enclosure areas. Ventilation system work is now complete.
- Performed daily observation of the under slab ventilation systems; found 3 of 14 units not running: 1433 Sauce Piquante, guest house unit – restarted; 116 Crawfish Stew, west unit – restarted; 135 Crawfish Stew, garage unit – restarted. Water was not a factor in the shut downs.
- Began 24-hour vacuum test at 1433 Sauce Piquante.
- Placed numbering labels on each blower unit.
- Placed geotextile and gravel in the vent system enclosure areas.

Plan for today:

- Complete 24-hour vacuum testing at 1433 Sauce Piquante

Directive #2 – Additional Relief Wells and Directive #3 – Overall Plan

- 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 & ORW-9.
- The field portion ROI testing was completed July 21st. Report is being finalized.
- Completed daily ORW well data collection.
- Contractor imported 360 cubic yards of “batcher” sand to build the access road for CPT-90 and 91. Approximately 700 feet of road was completed.



- The contractor imported 580 cubic yards (Friday) and 360 cubic yards (Saturday) of “batcher” sand to the Triche property to build the access road for CPT-90 and 91. The road was completed.

Plan for today:

- All crews are off site for break; returning on Wednesday.

Directive #4 – Operation of All Wells

- Flares #2, #3, #4, and #5, are operating. Two additional flares have been received and will be available as needed.
- Well work overs are ongoing for all low-producing and non-flowing wells.
- Barton meters have been installed on flowing wells.
- Performed daily flare maintenance.
- Performed Barton Meter routine maintenance.
- Continued pilot testing at ORW-9. Gallons purged to-date (3:20 pm today) = 11,015 gal. Well head pressure at 1.3 psi. The choke is at 7, the differential pressure is 0.0”.
- Continued pilot testing at OGRW-1. Gallons purged to-date (3:40 pm today) = 19,102 gal. Well head pressure at 52.0 psi. Choke position: 7.0; differential pressure: 55”.
- Monitored water discharge from frac tanks. Tank 2: (OGRW-1) 20,414 gallons, 19,414 actual; tank 3: (ORW-9) 10,589 gallons, 9789 actual.
- Install pressure transducer and QED pump at ORW-5 and perform dewatering; removed 190 gallons, placed water in frac tank 23.
- Attempted to flush ORW-31 again. With a 75 psi pump we were only able to inject one gallon per minute.
- Pulled off the well for now and will have discussion for path forward.
- Opened the gas conveyance lines from ORW-48, 39 & 40 and pressurized to remove water that gathered in the lines during the depressurization of ORW-39 & 40. Also removed water from the separator at flare 3; removed approximately 3-5 gallons from the flare and pipelines.
- Continued pilot testing at ORW-9. Gallons purged to-date: 10,295 gal; well head pressure at 0.9 psi.
- Continued pilot testing at OGRW-1. Gallons purged to-date: 17,284 gal; well head pressure at 52.0 psi.
- Installed flow meters and discharge piping (2” PVC) for the frac tank at ORW-9 and on the north berm. Began discharging from frac tank 3 (ORW-9) at 2:30 pm.
- Rock’s Trucking crew placed riprap at each frac tank outfall for a splash pad.
- Worked with Seth Henderson (TBC) to obtain permit for power at ORW-38.

Plan for Today:

- Monitor pilot testing at OGRW-1 and ORW-9.

Directive #5 – Sinkhole Containment

- Joint Application to OCM and COE, which included sinkhole containment design and additional ORW wells, was submitted on 2/14/13.
- Initial containment of the sinkhole area 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.