

Daily Report 9/27/13

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 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; 7 of 14 units not running: 174 Crawfish Stew, garage, north unit – no water in probe – restarted blower; 135 Crawfish Stew, garage unit – no water in probe – restarted blower; 116 Crawfish Stew, east unit – removed 3 gallons of water from the probe – restarted blower; 116 Crawfish Stew, west unit – removed 5 gallons of water from the probe – restarted blower; 1465 Sauce Piquante, rear unit – no water – restarted blower; 1433 Sauce Piquante, both units – no water – restarted blowers.
- Performed under slab gas monitoring at (3) locations: 1422 Jambalaya – no reading taken, pump pulled in water; 1402 Jambalaya, (3) probes, no problems; 1457 Sauce Piquante – one reading taken, but procedure not completed due to pump pulling in water.
- Completed enclosures at 135 Crawfish Stew (2 each) and at 174 Crawfish Stew (2 each)
- Boudreaux Electric relocated the area RAE from Gumbo Street to the power pole at the entrance to Maurice Rd.

Plan for today:

- Construct building ventilation system enclosures.
- Install geotextile and pea gravel inside the ventilation system enclosures to prevent weeds around the blowers.
- Schedule 24-hour vacuum testing at 116 and 135 Crawfish Stew, and 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.
- The contractor imported “batcher” sand to build the access road for CPT-90 and 91. Approximately ½ of the distance was completed.

Plan for today:

- Import sand to the Triche property to build access road for CPT-90 & 91

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.
- Flushed sand/silt from ORW-42 using ~1800 gallons of potable water; installed 2.5" steel drop tubing per design; installed sand filter pack and re-installed the well head.
- Installed a transducer and a track-it data logger in ORW-42 following completion of well workover. The well had 7 psi at the end of the day.
- Purged approximately 1800 gallons from ORW-28; re-installed the well head.
- Continued pilot testing at ORW-9. Gallons purged to date: 9467 gal. Well head pressure at 3.7 psi. The replacement air compressor also leaked oil overnight (captured in containment); Sunbelt Rental changed out the unit again.
- Continued pilot testing at OGRW-1. Gallons purged to-date: 15,272 gal. Well head pressure at 53.5 psi.
- Downloaded and transmitted data collected from the pilot test wells: ORW-9, 39 & 40, OGRW-1.
- Installed a flow meter and discharge piping (2" PVC) for frac tank-1 (OGRW-1). Began discharging into the sinkhole containment area at a rate of 50 gallons per minute.
- Installed pump discharge piping (1" PVC) from ORW-39 & 40 into frac tank 2 (north berm).
- Inflated packers in ROI wells GOW-5-3, GOW-5-4, GOW-9-3, GOW-9-4 to 125 psi using nitrogen.

Plan for Today:

- Monitor pilot testing at OGRW-1 and ORW-9; begin testing at ORW-39 and 40
- WHE: Continue well redevelopment at ORW-31 by using a high pressure pump to break through the perforation area. Purge BMR from ORW-29
- Install flow meters and discharge piping for frac tanks 2 & 3.

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.
- Current configuration of the sinkhole containment system is completed.
- The contractor imported Mexican yellow limestone to the stockpile on the GEO-1 pad (total not available). The small dump truck was used to place limestone on the south berm: completed an area 475' x 12'.
- The hydro mulch contractor placed hydro mulch on the side slopes of the constructed containment berms.

Plan for today:

- Stockpile limestone on the GEO-1 pad for the south berm.