

Daily Report 10/08/13**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: 100 sets installed at 46 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 observations of Under Slab Ventilation Systems; 5 of 14 units off: 1433 Sauce Piquante (Guest House), 1465 Sauce Piquante (Home-SW), 116 Crawfish Stew (Home-SW), 135 Crawfish Stew (Garage-W), and 174 Crawfish (Shop-N). Troubleshoot units; determined system shut down is due to watered-in conditions. Liquids were evacuated and ventilation units were restarted. Overheating did not appear to be an issue due to cooler ambient temperatures. Liquids observed in the remaining systems will be evaluated and addressed.
- Monitored probe installation at 1438 Sauce Piquante (3 probes) and at 174 Crawfish Stew (5 probes installed in shop, 1 in storage shed).
- Constructed concrete footings for observation probes for under slab ventilation system.
- Ordered remaining noise suppressors/ventilators for ventilation utility boxes.

Plan for today:

- Continue with evaluation of under slab ventilation system, adjustments and calibration.
- Continue probe installation for ventilation system monitoring.
- Complete noise suppressor/ventilator installation for ventilation system utility boxes.

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.

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.
- Adjusted Well ORW-8 to allow drop tube and annulus to vent to atmosphere (zero existing pressure) as possible solution to inaccurate transducer readings.
- Assembled dewatering pump (AP2) for dewatering program.
- Bumped up OGRW-1 for pilot testing. Monitored throughout the day; choke: 8 psi; differential pressure: 7 psi; and wellhead pressure: 49 psi.
- Conducted ORW well dewatering on well ORW-1. 130 gallons purged and transferred to frac tank.
- Removed meter run on ORW-16 for well re-development to be conducted by WHE.
- Downloaded transducer data from ORW-9, ORW-40, ORW-39 and OGRW-1 for Pilot Test Program.

Plan for Today:

- Coordinate with TBC power drop location and requirements for TBC Temporary Flare-6 (located on Triche property).

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.
- Rocks Trucking repaired eroded slope (minimal erosion adjacent to frac tank). Erosion was caused by overflow of secondary containment (rain water).

Plan for Today:

- Conduct Geophone 1 depressurization.