

Daily Report 9/18/13

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: 107 pairs at 50 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.
- Evacuated water under slab probes for the ventilation systems where necessary.
- Removed existing ventilation system blowers and installed the replacement blowers at 116 Crawfish Stew. Both units are ready for re-installing the electrical service.
- Plan for Today: Establish electric service to all ventilation systems; continue building ventilation system enclosures.

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.
- Mobilized Thompson Engineering rig from CPT-75W to CPT-117W under Hot Work Permit (for gas engines) from CROSSTEX. Advanced CPT-117W to refusal at 167.8 ft bgs.
- Plan for Today: Mobilize Thompson Engineering rig to CPT-80, which is located on Crosstex property.

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.
- Replaced pump at ORW-9 with a high capacity QED pump.



- Built secondary containment structures for each of three (3) portable air compressors at OGRW-1, ORW-9, and MRAA pad (on north berm).
- Deployed air hoses for pump drawdown tests at ORW-39 and 40.

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.
- North Levee final containment system installation is approximately 98% complete.
- Compaction testing complete (8 Soil density tests on the south berm). South Levee final containment system installation is at final clay elevation and approximately 75% complete, overall.
- West Levee (new alignment) final containment system installation is approximately 98 % complete.
- East levee along TBC access road and plant approximately 98% complete.
- Continued excavation for the levee overflow structure on the west berm. Exposed the GCL and geotextile and placed the removed clay adjacent to the ORW-9 pad.
- Completed pads for the frac tanks at OGRW-1 and ORW-9; imported 56.3 tons of limestone for OGRW-1 and 56.6 tons for ORW-9.