

Daily Report 10/02/13**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: found all units on-line, except 1438 Sauce Piquante: location was flooded from recent rains; left blower off.

Plan for today:

- Monitor ventilation systems.

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.
- Thompson Engineering mobilized to CPT-91: The cone was advanced to TD at 117.03 feet bgs.

Plan for today:

- Thompson Engineering to demobilize.

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: 13,476 gal. Well head pressure at 3.5 psi.
- Continued pilot testing at OGRW-1. Gallons purged to-date: 24,544 gal. Well head pressure at 52.0 psi.
- Performed well dewatering and logging at ORW-21 and 2.
- Gary Hill assisted in removing the pump stuck in ORW-5.
- Scott Shaw observed the WHE/Respec DPVE testing.

Plan for Today:

- Monitor pilot testing at OGRW-1 and ORW-9.
- Perform well dewatering and logging activities.

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.
- Performed SWPPP inspection: noted some erosion on the new sinkhole access pad.
- Obtained slope grade ratios for the south berm in the area of previous subsidence: average ratio, 1:1; outside the subsidence area: average ratio, 3:1.

Plan for Today:

- Miller Engineering to reset water surface elevation gauges and survey settlement plates, in addition to regularly scheduled survey activity.