

Daily Report 10/17/13**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.
- Conducted visual inspection and maintenance of Under Slab Ventilation System. Unit at 1465 Sauce Piquante Home-North is off line pending further evaluation of water level influence. All remaining units functioning.
- Evacuated liquid build-up found in collector piping. Transferred liquids to TBC frac tank.

Plan for today:

- Continue monthly monitor calibration.
- Continue indoor air screening.
- Support the Under Slab Ventilation System evaluation as requested.
- Implement recommendations for Under Slab Ventilation System.

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 rig mobilized, set-up, began and completed the push at CPT-98. The cone was advanced to a depth of 120.52 ft bgs. The cone was removed and the bore hole was pressure grouted to surface without incident.

Plan for today:

- Thompson CPT rig to mobilize to Sportsman Dr. locations, specific location to be verified at morning meeting.

Directive #4 – Operation of All Wells

- Flares #2, #3, #4, #5, and #6 are operating. One additional flare, and a trailer-mounted backup flare, are 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 routine maintenance.
- Performed daily flare maintenance.
- Continued Pilot Test Program at OGRW-1. Outlet valve to frac tank open and draining to containment area. Well head pressure: 22 psi; differential pressure: 5.”
- Noted breach in insulation at TBC Flare #3 which is allowing can temperature to rise above recommended guidelines. May replace with TBC Flare #1 (which is not in use at the moment).
- Dewatered ORW-18; 130 gallons purged and transferred to frac tank.
- Resumed dewatering pilot test at ORW-40 with pumping during the day only and flaring continuously.
- Miller Engineering re-surveyed OGRW-1 elevation.
- Coordinated nitrogen injection pilot test for ORW-26 with Baker Hughes. Final schedule to be provided tomorrow.
- Drafted Scope of Work for Installation of Observation/Relief Wells Adjacent to and West of Bayou Corne, South of Route 70.

Plan for Today:

- Perform daily flare, Barton meter, generator, and compressor maintenance.
- Demobilize equipment from completed dewatering pilot test at ORW-9.
- Resume continuous dewatering pilot tests at ORW-39.
- Complete pilot test at OGRW-1; continue to operate with continuous dewatering.
- Discuss option of using air compressor at maintenance shop for continuing dewatering at OGRW-1.
- WHE resume well re-development program ORW-10.

Directive #5 – Sinkhole Containment

- Submitted Joint Application to OCM and COE, which included sinkhole containment design and additional ORW wells, 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.
- Conducted daily inspection of containment berm and erosion control devices. No significant issues noted.



- Rock's Trucking imported and stockpiled 600 cy of clay on Rig road Lay down yard; and 173.77 tons grey limestone adjacent to Tetrattech trailer.

Plan for Today:

- Conduct daily inspection of containment berm and erosion control devices.