

Daily Report – for 2/12/13**Tetra Tech****1. Directive #1 – Indoor Air**

- a. 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.
- b. Detailed Work Plan for indoor air monitoring submitted to DNR on 1/14/13 for comments
- c. 52 monitor pairs have been installed on 21 properties, with 3 more properties scheduled for installation today. No positive alarms of installed monitor pairs to date.
- d. Indoor air screening continuing, 33 properties surveyed to date. No detections of %LEL or H2S. Seven properties pending for under slab sampling.
- e. Twelve additional monitor pairs have been ordered along with five additional transmitters, the total number of monitor pairs on-site and ordered is 87.

2. Directive #2 – Additional Relief Wells

- a. Tt overseeing improvements along Rig Road
- b. Working with Kean Miller attorney on access agreements for crossing pipeline right of ways with the containment system levee and roads to access well sites northwest of the TBC site

3. Directive #3 – Overall Plan

- a. Met with DNR/Shaw on 1/24/13, reached agreement on well designs
- b. Wells ORW-23 and ORW-24 were PDK logged/perforated on 2/11/13 and wellheads being completed today
- c. Well ORW-16 and ORW-8 will be drilled today, with well ORW-7 to be drilled next
- d. Received approval of Amendment No. 2 to EUA 13-001 from OCM for all Phase 3 additional wells planned on 2/5/13
- e. Working to resolve questions on EUA 13-001-2 (amendment) by U.S. Fish and Wildlife, LA Dept. of Wildlife and Fisheries and USEPA
- f. The access road construction continues to well pads ORW- 9 and ORW-6

4. Directive #4 – Operation of All Wells

- a. Tt has been transferred operational responsibility for wells ORW-1, ORW-2 and ORW-4 and the associated flares from Shaw/DNR.
- b. Submitted purchase order for six automated flares
- c. Preparing temporary air permits for additional flares.
- d. Piping runs from well ORW-15, and wells ORW 22-24 to the existing flare for ORW-1 and 2 will be completed tomorrow

5. Directive #5 – Sinkhole Containment

- a. Preparing Joint Application to OCM and COE to include sinkhole containment design and additional ORW wells, will submitted by 2/15/13 after resolving EUA 13-001-2 issues noted above
- b. Work continues on extending the Access Road to the southern end of the sinkhole containment well pad ORW-7.



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- c. Initial berm containment on the southern berm has been completed approximately 90% of the total length.
- d. Initial berm containment on the northern berm completed 60% of the total length
- e. No further work can be done on the initial containment system after 2/13/13 until agreement for crossing the pipeline right of ways has been received.