

Daily Report – for 4/19/13

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
- A total of 96 monitor pairs have been installed on 45 properties. No positive alarms of installed monitor pairs have occurred to date.
- Sub-slab monitoring is being performed this week, sampling probes have been installed at 10 residential properties
- Indoor air screening continuing, with 40 properties surveyed to date with no detections of %LEL or H2S.
- A total of 5 monitor pairs are available for installation, with 17 additional monitor pairs on order
- Monthly monitor calibration is ongoing.

Directive #2 – Additional Relief Wells and Directive #3 – Overall Plan

- Met with DNR/Shaw on 1/24/13, reached agreement on well designs
- Tt will continue to re-habilitate any non-flowing wells
- All available wells were PDK logged on April 1st to April 13th, note that PDK logging of wells ORW-5, -6, -9, -14, -15, and -10 will be postponed until a later date.
- Based on the recent round of PDK logging, 4 wells (ORW-11, -13, -18 & -30) will be re-perforated starting Saturday the 20th
- Radius of Influence (ROI) wells being installed at well pads ORW-5 & ORW-9. Drill crew off on break until Monday. Will resume then.
- A test for using a Cone Penetration Testing (CPT) technique to determine the presence of a methane gas layer on top of the MRAA will be conducted this week at well sites ORW-5 and ORW-9. This work is planned to start on Saturday the 20th

Directive #4 – Operation of All Wells

- Flare #4, #5, and Flare # 2 are operating. Flare #3 suffered a malfunction in the control system overnight and is being replaced with a temporary flare while repairs are being made
- Two additional flares on order and being fabricated

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 and Tt is presently addressing comments received on application.
- Initial containment of the sinkhole area completed.



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- The draft final design package was submitted to TBC and the agency.
- A pre-construction meeting was held on-site on March 27th for TBC and contractors
- Construction of the containment system began April 1st
- A total of approximately 1500 lineal feet of GCL and geotextile liners have been placed on the north berm and is being capped with clay
- North Levee final containment system installation is approximately 50% complete.
- GCL/geotextile and clay is being placed on the South Levee, with 150 feet of GCL placed so far.
- Additional clay placed yesterday. No clay will be placed today due to weather
- Additional sand being added to Rig Road