

## Daily Report – for 5/9/13

### 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 99 monitor pairs have been installed on 46 properties. No positive alarms of installed monitor pairs have occurred to date.
- Under structure sampling probes have been installed at 10 residential properties. Laboratory samples have been collected at seven probe locations and are undergoing analysis.
- Indoor air screening continuing, with 42 properties surveyed to date with no detections of %LEL or H2S.
- Working with OEP to confirm property owners OEP indicates want detectors installed.
- 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. Efforts to rehab three non-flowing wells ORW-8, ORW-11, and ORW-29 have been completed but have not induced gas flow.
- All available wells were PDK logged on April 1<sup>st</sup> to April 13<sup>th</sup>, note that PDK logging of wells ORW-5, -6, -9, -14, -15, and -10 was postponed until a later date.
- Based on the recent round of PDK logging, 4 wells (ORW-11, -13, -18 & -30) were re-perforated on Saturday April 20<sup>th</sup>. Wells ORW-18, ORW-23, and ORW-30 are experiencing intermittent performance and Well ORW-11 is shut in with no pressure.
- Radius of Influence (ROI) wells being installed at well pads ORW-5 & ORW-9. Drill crew working at ORW-9, with the last well scheduled for installation by 5/10/13.
- ROI testing to begin on Monday 5/13/13.
- Test for using the Cone Penetration Testing (CPT) technique to determine the presence of a methane gas layer on top of the MRAA ongoing. Two CPT tests have been conducted with boring CPT-3 being installed next to well ORW-14
- New wells ORW-36, ORW-37 and ORW-33 were PDK logged and perforated on May 2<sup>nd</sup> and 3<sup>rd</sup>.

#### Directive #4 – Operation of All Wells

- Flares #2, #3, #4, and #5, are operating. Two additional flares to be shipped on May 10<sup>th</sup>
- Well work overs ongoing

#### 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.
- The draft final design package was submitted to TBC and the agency.
- A pre-construction meeting was held on-site on March 27<sup>th</sup> for TBC and contractors
- Construction of the containment system began April 1<sup>st</sup>
- North Levee final containment system installation is approximately 80% complete.
- South Levee final containment system installation is approximately 70 % complete.
- The alignment of the West Berm was modified to extend further west due to settlement along the original alignment. The initial containment construction of the new West Levee is approximately 85 % complete
- A design revision has been issued for this new alignment.