

## Daily Report – for 4/11/13

### 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 95 monitor pairs have been installed on 44 properties. No positive alarms of installed monitor pairs have occurred to date.
- Sub-slab monitoring is being performed this week, at this time sampling probes have been installed at 8 residential properties
- Indoor air screening continuing, with 38 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
- Fourteen wells were PDK logged on April 1<sup>st</sup> to April 4<sup>th</sup>, with the remainder of the wells scheduled for PDK logging this week. Note that PDK logging of wells ORW-5, -6, -9, -14, -15, -22 and -10 will be postponed until a later date.
- Drilling of new ORW wells postponed due to concerns about the sonic drilling method
- Radius of Influence (ROI) wells are being installed at well pad ORW-5 this week
- 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 next week at well sites ORW-5 and ORW-9

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

- Six automated flares were ordered
- Two flares were delivered on 3/16/13 and are undergoing shakedown tests. Flare #4 and Flare # 2 are operating
- Two flares were delivered on April 6<sup>th</sup> and are scheduled for startup this week

#### **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.



**TETRA TECH**

- 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> and clay and GCL liner are being placed this week
- A total of 900 lineal feet of GCL and geotextile liners have been placed on the north berm and is being capped with clay