



TETRA TECH EM, INC.
7 CREEK PARKWAY, SUITE 700
BOOTHWYN, PENNSYLVANIA 19061

To: Rich Fetzner, On-Scene Coordinator (OSC)
U.S. Environmental Protection Agency (EPA) Region 3

From: Erik Armistead
Tetra Tech EM, Inc.

Subject: Shohola PennDOT Stockpile #6 Excavation Activities
Pike County, Pennsylvania

Date: March 27, 2007

Lewis Environmental will be mobilizing equipment up on Thursday and Friday, March 27 and 28, 2008. The crew will mobilize on Monday, March 31, 2008 and plan to be onsite at 08:00. Lewis's trailer will be mobilized up Monday, March 31, 2008. Tetra Tech will mobilize the EPA Mobile Lab up on Monday, March 31, 2008. Lewis will have two operators for CAT 300 series excavators on supplied air level B PPE, one foreman on supplied air level B PPE, and two technicians with air packs as a backup team onsite. Tetra Tech will work on air packs when in the exclusion zone.

Monday morning, we will have an extended health and safety meeting, orientation to the site, etc in the morning and are planning on beginning excavation before noon. Once excavation begins, the site will be taped/roped off and entry will be in level B only. Test pits/trenches will be excavated to a maximum depth of 30 feet below ground surface (bgs). Due to much of the material we are digging in being expected to be fill material, and no plan at this point to use shoring, the test trenches will be fairly large if excavation to a depth of 30 feet proves necessary. Lewis will be prepared to create soil stockpile areas if necessary, however current excavation plans will be to stockpile soils adjacent to the excavation area and backfill upon completion.

Air monitoring will occur at the perimeter and the interior of the exclusion zone. Air monitoring will consist of the following equipment:

- pDR 1000 - dust
- Infinicon Hapsite - herbicides, specifically 2,4-D and 2,4,5-T
- MultiRAE - VOCs, O₂, LEL, H₂S, CO
- 24 hour turnaround air sampling if necessary

The Hapsite is owned by PADEP and will have personnel onsite to assist with the operation of their equipment.

Pending results of the ERT ground penetrating radar survey, there are numerous areas to be excavated. Excavation will occur to a maximum depth of 30 feet bgs. If buried material and/or contamination are identified, the location and material will be logged and documented; soil, air, and/or liquid samples will be collected if determined necessary and the excavation will be backfilled. No open excavations will be left onsite upon completion of the work.

A decontamination area will be constructed between the exclusion zone and the support zone. Personnel will perform decontamination procedures when leaving the exclusion zone at this point. PPE will be



collected in drums and/or double bagged. Upon completion of work, equipment will be decontaminated in this area prior to removal from site. Site work is estimated to be between one at two weeks.