

## Supplemental Site Characterization Triad Meeting No. 2 September 17, 2013

Former Galena Forward Operating Location, Alaska  
AFCEC Contract FA8903-08-D-8769, Task Order 0357

ATTENDEES: Fred Vreeman/ADEC Win Westervelt/CH2M HILL  
Dennis Shepard/ADEC Andi Beausang/CH2M HILL  
Margaret Moody/ADOT Vivian Tokar/CH2M HILL  
Sam Myers/ADOT KT Matolcsy/CH2M HILL  
Donna Kozak/BAH Ron McComb/CH2M HILL  
Bill Hughes/CN Lauren Mancuso/CH2M HILL  
Berney Kidd/CH2M HILL

FROM: CH2M HILL

DATE: September 20, 2013

Members of ADEC, ADOT, CH2M HILL, Cherokee Nation (CN), and Booz Allen Hamilton (BAH) participated in the Former Galena FOL Triad call held via Live Meeting on September 17, 2013, at 11:30 am.

### Agenda:

1. Safety moment.
2. Field work status update.
3. Discussion of new site data and evaluation of progress towards SSC Work Plan objectives.
  - Initial Round- UST1400 - DRO, RRO, GRO, and VOC rush data available
    - DRO exceeds the migration to groundwater Method 2 CUL (the extent screening level (SL) of 250 mg/kg) in the center of former UST location at GP012 in the 10-12ft depth interval.
    - No step outs are recommended for the DRO detections at UST1400\_GP012.
  - Initial Round- UST1401 - DRO, RRO, GRO, and VOC rush data available
    - No exceedances of the extent SL/migration to groundwater Method 2 CUL in the rush data. No step outs are recommended for UST1401.
  - Initial Round- SS005 - DRO, RRO, GRO, and VOC rush data available
    - No exceedances of the extent SL/migration to groundwater Method 2 CUL in the rush data. No step outs are recommended for SS005.
4. Open discussion for other items
5. Schedule update for upcoming activities

### Safety Moment

Ron started the call with a reminder that school is in session and everyone should be careful driving as more kids are walking around town. In Galena, the children wear safety vests so they are visible to the drivers.

## Field Work Status Update

Win briefed the team on a recently identified issue with some of the GRO soil samples collected for AK101 analysis. Two labs are analyzing soil samples from Galena - one lab is performing the AK101/102/103 rush analyses and another lab is performing the SW8260B rush analysis. Both labs require soil samples to be field preserved in methanol, but the AK101 method requires an additional trifluorotoluene (TFT) field surrogate. Both labs provided similar looking vials with methanol and some of the vials were accidentally mixed up resulting in samples sent for GRO analysis with methanol but no TFT. CH2M HILL has been discussing the issue with both labs to see if the lab performing the SW8260B analysis that accidentally received soil samples with methanol and TFT can also go ahead and perform the AK101 analysis.

When this happened in a previous year on a couple samples where GRO soil samples were analyzed without the TFT surrogate, the data were qualified but still usable.

ADEC responded saying that it sounds like we are handling the issue and reminded the team that any data qualifications/flagging due to this issue should be properly noted in the reports.

*Update on Issue – EMAX confirmed that they received a total of 45 samples with the TFT field surrogate and they will be able to perform the AK101 analysis in addition to the SW8260B analysis for these samples. It does not appear at this time that any data will need to be qualified due to the mix-up of the methanol vials.*

Status update for other field work: All scheduled work and TU001 step outs are complete. Field crew has been reduced but can still accomplish step outs this week if necessary. Dennis asked if the new landfarm well was sampled and Ron confirmed that was done.

## New Site Data and Evaluating Progress toward Work Plan Objectives

Rush GRO, DRO, RRO, and VOCs results for three sites were discussed:

### UST1400

DRO exceeds the extent SL/migration to groundwater Method 2 CUL in the center of former UST location at GP012 in the 10-12ft depth interval. Win noted that the field duplicate (FD) for this sample has a much lower detection of DRO but after looking at the lab data and field notes there is not a clear reason yet to explain the discrepancy. DRO is below extent SL/migration to groundwater Method 2 CUL in the deeper intervals and to the north and south of GP012.

- Triad Decision: No step outs are required for UST1400. Site characterization sampling is completed at this UST site.

### UST1401

Data for both borings at UST1401 were available. The Triad team reviewed the excel file with all results to show the group that all 2013 rush results were below extent SLs.

- Triad Decision: No step outs required for UST1401. Site characterization sampling is completed at this UST site.

### SS005

Data for all three soil sample locations were presented using the excel file to show that all results were extent below SLs. The highest detection of any rush analyte was 94 mg/kg RRO.

- Triad Decision: No further step outs required for SS005; the extent of the soil source area is sufficiently bounded.

## Open Discussion for Other Items

Dennis asked if we collected TU001 hand auger (HA) sample to 10ft. Win replied that we did complete that work, and further discussion of the TU001 samples is on page 4 of the Triad Call No. 1 minutes. Vivian also informed the group that after the Triad Call No 1, Ron walked the TU001 ditch area and determined that another 2 hand auger samples could be collected north in the ditch and north of TU001\_HA013 to help determine the lateral extent of DRO in that area. Dennis and Fred stated the Triad Call No 1 minutes looked good and they would approve them.

Sam expressed his thanks to AL and Donna for identifying the dry well in the old “Larry’s Hangar” and asked when the AF would be decommissioning other dry wells. Donna informed him that any dry well work at Air Force sites would be part of the performance-based contract. Sam was interested in trying to save money by having the same contractor do work for AF and ADOT if possible. Donna asked about the dry well in the Everts storage hangar and Sam responded that it was Everts’ responsibility at this time.

Sam asked if AL or anyone had probed the dry well at Larry’s to determine if it was a dry well or a sump. Win responded that he and AL did take a look at it but did not probe it. There is sediment at the bottom and a mild petroleum odor.

## Schedule Update for Upcoming Activities

A third Triad call may be scheduled to review any additional data that comes in the next day or two. All 2013 data will be available and distributed by the end of October.

Call concluded at 12 noon.