

Meeting Minutes

Project: Tronox (Trx)
Location: telephone
Time and Date: 1:30 PM, Thursday, April 27, 2006
Meeting Number: ---
In Attendance: NDEP-BCA – Brian Rakvica, Shannon Harbour
Tronox – Keith Bailey, Tom Reed
ENSR – Dave Gerry, Sally Bilodeau

CC: Jim Najima, Todd Croft, Teri Copeland, Paul Black

1. Meeting was held via telephone to discuss the Phase A Work Plan.
2. Tronox conceptually proposes to do the following:
 - a. Consolidate Phase A and B into a new Phase A.
 - b. This consists of 20-25 soil borings; analyze for full analyte list; depth increments of surface, 10' bgs, 20' bgs, 30' bgs and at the water table interface.
 - c. Trx would then review this data and review if it would be possible to reduce the analyte list for future investigations.
 - d. Trx stated that they feel that EPA guidance supports this approach. Trx mentioned several EPA guidance documents. NDEP asked that Trx provide these pertinent references and section to the NDEP.
 - e. NDEP stated that what Trx would be proposing is that further characterization for some compounds is not necessary in some areas. Essentially, Trx is stating that characterization is complete for these compounds in these areas.
 - f. Trx noted that they propose to provide all of this information in a revised, conceptual workplan to the NDEP. Possibly as soon as tomorrow or Monday.
 - g. Trx noted that after this round of sampling they may look at a number of things including the following:
 - i. Frequency of detection
 - ii. Background and upgradient concentrations
 - iii. Industrial PRGs from Region IX of the USEPA
 1. non-cancer PRGs at 1/10 the PRG and cancer PRGs at the face value. **POST-MEETING NOTE:** the NDEP and Trx do not agree on this issue and are currently discussing this matter.
 - iv. the use of indicator compounds
 - v. knowledge of site operations to help define the extent of characterization in some areas
 - vi. identification of areas that require remediation without further characterization.

- h. NDEP noted a concern that this sounded like COPC selection. NDEP to discuss internally.
- 3. NDEP noted that it is important to discuss specific ideas for future cost reductions at the meeting in May. NDEP asked Trx to think about what chemical classes could reasonable be eliminated after this round of sampling. For example, there are impacts from OC Pesticides on this site (e.g.: at the former Hardesty/Amecco operations) as well as from an adjacent site (the Pioneer site - - historic Stauffer and Montrose operations).
- 4. NDEP asked Trx to review what is being done at other sites to reduce costs.
- 5. NDEP suggested that Trx analyze waste streams (current as well as historic (e.g.: the tailings piles) and source materials. NDEP noted that this would provide valuable insight into the radionuclide issue. Trx is concerned because source materials have changed through the years.
- 6. Next meeting:
 - a. Meeting: May 16, 2006, 1:30 PM at Trx