Work Order Description

Superfund 1401

154158

Task 1:

Analyze five (5) 1-gallon aqueous environmental samples each for 2,3,7,8-TCCD and 2,3,7,8 TCDF isomers specific with a detection limit of low ppt. Notify the Central Regional Laboratory Director, by phone, of these results prior to proceeding to analyze the subject sampels for other classes, i.e., mono through octa chlorinated dibenzo-p-dioxins and furans at the low ppt levels.

Estimated cost for Task 1 - $7,000/5 samples

B. Task 2:

In conjunction with Task 1, provide qualitative and quantitative analysis (to the extent possible) specifically for the following compounds:

1. Chloroaniline
2. Chloronitro benzene
3. Dichlorophenol
4. 2,4 D
5. Phenol
6. Methylbenzosulfaamide
7. Benzoic acid
8. Benzene carboxylic acid
9. Dichloroaniline

These compounds should be analyzed on fractions resulting from the above Task 1, during the TCCD and TCDF cleanup process (no additional sample(s) is available). The attached sample analysis report liststhe detection limits of interest.

If analytical evidence indicates major organic components other than those specified above (during the Task 2 analysis phase) this information will be phoned in to the Central Regional Laboratory Director for a decision on possible further analysis.

Estimated cost for Task 2 - $2,800/5 samples. (If additional organic components are found and further analytical work is desired, a cost scale will be arrived at for the additional work.)

C. QC and Reports:

The contractor will provide a summary of involved QC data to the extent that the quality of data reported can be verified by the Central Regional Laboratory Director. It is desired that the final report integrates the sample handling/cleanup, analytical protocols and QC data into a technical report inclusive of the data findings. Finally, the contractor should provide the specific method(s) and QC used to analyze for the priority pollutants as these methods may differ from the normal priority pollutants protocols (this difference may be caused by not having separate sample(s) for the priority pollutants).