

To: AQUIT Team Members

From: M. D. Lunsford
Date: November 29, 1990

Interoffice
Communication

Subject: Cost Comparison for Sampling

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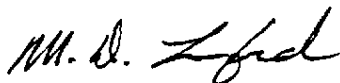
Based upon the proposal submitted to the AQUIT team by Tom Roberts for air sampling for contaminants in the LCCP Laboratory, the following is an estimate of in-house costs for performing the same sampling. This estimate is based upon the number of pumps that are available at LCCP and includes all costs associated with the sampling. A breakdown of costs is as follows:

Sample Analysis	\$1536
Special Sampling Equipment	150
Sample Shipment	20
Manpower	<u>682</u>
* Six Day Total	\$2388

- Six days would be required due to equipment limitations.

This compares to a proposed cost of \$5466.85 for OIHS to perform the sampling in three days. Although there is a difference in the cost of in-house versus contracted sampling, there are benefits in using a consultant for this type of sampling. First, this consultant has performed this type of sampling before and is familiar with all of the techniques for using the different types of sampling devices. They also have the capability to continuously observe the samples and note any occurrences which would lead to a high sample result. Also, the initial sampling would take three days for the consultant and day/night sampling would be possible. Furthermore, by using a consulting firm, a Certified Industrial Hygienist would be available to answer questions and offer guidance.

If you have any questions, feel free to give me a call.



M. D. Lunsford

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