SAMPLING AND TESTING

The costs of sampling and testing soils at the facility site are confined to the operations of obtaining the samples and to the laboratory charges for performing the testing on the samples. The labor rate for boring through concrete of $60.42 was derived from EPA's CostPro software. It was conservatively assumed that boring and collecting a soil sample would take one hour per sample. The same labor rate was used for the collection of the final rinsate sample from the container storage area and the consolidation/stabilization areas. Sample collection time for final rinsate sampling was assigned 0.5 hr/sample. A price quote has been obtained from Sun Labs, which shows the analytical cost for soils and final rinsates using the analytical methods specified in section II.K.1.e. This quote from Sun Labs is included in Exhibit II.K.1.g.-6. A cost estimate of the sampling and testing operations is presented in Table II.K.1.g.-4a.

ENGINEERING

An independent, registered professional engineer will inspect the closure operations at certain intervals during the process to ensure that it meets the performance standards specified in this plan and requirements of the permit. A number of man-hours have been estimated for the engineer to review the plan at the beginning of the process, conduct three four-hour inspections at the site, and prepare the certification of closure at the end of the operations. Table II.K.1.g.-5a discloses the time periods that have been assigned to every task the engineer has to complete, as well as the cost of professional services per hour.

Table II.K.1.g.-6a contains a summary of the estimated costs for disposal, transportation, labor, sampling and testing, and engineering. A ten percent charge has been added to the sum of all costs to cover the cost of having a third party to manage and supervise the facility closure operations described in this plan. An additional ten percent has been added to cover potential contingencies.