1. **Transmittal:** This document provides an overview of the issues that are to be discussed at the SAP meeting. The major topics include the utility of monitoring methods, an examination of current data and why additional data are believed to be necessary, and an examination of proposed approaches for collecting such information. This document also presents the charge questions for the panel to consider during its deliberations at the January 2007 meeting.

2. EPA:
   a. **ExposureSAP.Jan2007** – This document provides the background information for the panel discussion. It includes a summary presentation of the methods that the Agency currently uses for calculating worker exposures. It also includes the background information and Agency analyses related to the charge questions to be considered by the panel. It also introduces the industry groups who are going to be developing a large amount of the occupational monitoring data that are to be used by the Agency. The key topics addressed in the document include the data currently used by the Agency, a discussion of monitoring techniques based on passive methods and biological monitoring as well as how they compare with one another, an examination of hand sampling methods which has been a key concern for the Agency, a discussion about how applicable exposure estimates are across varied situations in agriculture, and a discussion of the research plans proposed by the industry task forces including inter- and intra-worker variability and the needed numbers of samples.
   b. **Exhibit A: PHED Case Study** – This exhibit is a spreadsheet that contains all of the raw data for the scenarios which were identified in Section 2.3 of the SAP background document. All totaled, 6 different scenarios were selected and the raw data for these scenarios from the Pesticide Handlers Exposure Database (PHED) for those scenarios is included in this file. Summary statistical analyses have also been completed which are included. The data have a variety of codes associated with them that have to be interpreted using guidance from the PHED reference manual.
   c. **Exhibit B: PHED Hand Methods Analysis (Pts. A & B)**– This exhibit contains two spreadsheets that contain the raw data related to hand exposures for the scenarios which were identified in Section 2.3 of the SAP background document. The ptA file contains all appropriate data which the ptB file contains the data formatted for the statistical analysis completed by the Agency in Section 3.2.2 of the background document.
   d. **Exhibit C: Spreadsheets Used To Examine Linearity Issues**- See attached explanation from M. Crowley