

US EPA ARCHIVE DOCUMENT

### 3.0 System Requirements

The IWEM software is designed to run under the Microsoft (MS) Windows operating system. Version 1.0 of IWEM has been designed and tested to run on the latest versions of Windows 95, 98, NT version 4.0, 2000, and XP. In addition, in order to ensure that all the files required to run IWEM are present on your computer, the latest version of MS Internet Explorer that is compatible with your operating system needs to be installed. Details are given in the table below:

Latest versions of MS Windows operating systems	Corresponding version of MS Internet Explorer
95 (Version 4.00.950B)	Version 5.5 Service Pack 2
98 Second Edition (Version 4.10.2222A)	Version 6.0
NT 4.0 (Service Pack 6a)	Version 6.0
2000 (Service Pack 2)	Version 6.0
XP (Version 2002)	Version 6.0

If you do not have the latest version of your particular operating system, you may encounter IWEM installation or execution problems (see Section 8.0). To avoid these problems, make sure that you have the latest version MS Windows and Internet Explorer installed on your computer before installing the IWEM software. To check the version number of the operating system installed on your computer, **right-click** on the **MY COMPUTER** icon on your desktop. Then choose **PROPERTIES** from the displayed list. The **SYSTEM PROPERTIES** dialog box is then displayed, and the **GENERAL** screen is displayed by default. The operating system name and version number are displayed under the **SYSTEM** heading.

If you find that you do not have the latest version of your particular operating system, consult with your computer system administrator, or you may download the updated version for free from the following website:

<http://www.microsoft.com>

From the main menu, click on **DOWNLOADS\WINDOWS UPDATE**. Then click on the link for **PRODUCT UPDATES**. The first time you do this, you will be asked to install the Windows Update Control Package. Doing so will enable the automatic creation of a list of available updates that is customized for your computer and operating system. Then install the recommended updates to ensure that you are running the latest version of your operating system.

To check the version of MS Internet Explorer that is installed on your computer, double-click on the |INTERNET EXPLORER| icon on your desktop. From the main menu, choose |HELP|ABOUT INTERNET EXPLORER|. The version number is displayed beneath the MS Internet Explorer banner; make sure that the version number is at least 5.50.xxxx.xxxx if you are running Windows 95 or is at least 6.00.xxxx.xxxx if you are running Windows 98 or later. Only the first few digits of the Internet Explorer version number are important to ensure correct operation of the IWEM software.

If you find that you do not have the latest version of MS Internet Explorer, you may download the updated version for free from the following website:

<http://www.microsoft.com>

From the main menu, click on |DOWNLOADS|WINDOWS UPDATE|. Then click on the link for |PRODUCT UPDATES|. The first time you do this, you will be asked to install the Windows Update Control Package. Doing so will enable the automatic creation of a list of available updates that is customized for your computer and operating system. If you do not have the latest version of MS Internet Explorer, then this program will be included in the list of recommended updates. In that case, download and install the recommended file(s) in order to ensure that IWEM will operate correctly.

Your computer must meet the minimum hardware requirements for the version of Windows that is installed on your computer. In addition, it is recommended that the computer have at least 128 megabytes (MB) of RAM and 100 MB or more of available hard-drive space. A printer is required for printing hard-copy reports.

To check your computer's random access memory (RAM), **right-click** on the |MY COMPUTER| icon on your desktop. Then choose |PROPERTIES| from the displayed list. The |SYSTEM PROPERTIES| dialog box is then displayed, and the |GENERAL| screen is displayed by default. The amount of RAM is displayed as the last item under the |COMPUTER| heading. To check your computer's available hard-drive space, double-click on the |MY COMPUTER| icon on your desktop. Then choose |VIEW|DETAILS| from the main menu. The |MY COMPUTER| dialog box is then displayed where you can check the amount of free space on your hard-drive.

Running Tier 2 evaluations is computationally demanding. A fast computer processor (*e.g.*, at least a 500 MHz Pentium III) is strongly recommended. Even so, you should expect that Tier 2 analyses for multiple waste constituents may take several hours to complete. A screen will be displayed during your Tier 2 evaluation to keep you informed about the progress of the computations.