

## HEEPS AND HEAS--WHAT ARE THEY?

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31 MAR 1987

We maintain an ongoing effort to identify and increase access to sources of hazardous waste information. As part of that effort, I recently investigated two series of EPA reports:

- Health and Environmental Effects Profiles (HEEPs).
- Health Effects Assessment (HEA) documents.

Following is a description of these documents, including their purpose and access information.

**EPA 950-F-87-002**

## HEEP DOCUMENTS

- WHAT ARE HEEPS:** Health and Environmental Effects Profiles (HEEPs) are compiled to support the listing of hazardous constituents identified under Section 3001, Subtitle C of the Resource Conservation and Recovery Act (RCRA).
- There are currently about 400 substances listed:
    - About 164 Hazard Profiles from 1980-1983, they are about 10-20 pages brief summaries.
    - Approximately 200 HEEPs since 1983.
    - Many Reportable Quantity chapters (includes aquatic toxicity data) added to the HEEPs since 1985.
- WHO ISSUES IT:** HEEPs are prepared by the Environmental Criteria Assessment Office (ECAO), Office of Research and Development (ORD), Cincinnati, OH.
- PURPOSE:** HEEPs are prepared to aid the Office of Solid Waste in developing waste characterization regulations.
- FREQUENCY:** When a substance is added to the list of hazardous constituents, a HEEP document is developed.
- ACCESS INFO:** RCRA Docket Information Center (8-382-4646) at EPA Headquarters maintains copies of HEEPs for on-site reference use only.
- The Technical Information Unit (TIU) of ECAO in Cincinnati maintains working copies of HEEPs for their reference. They do not distribute them.
- We are attempting to add the HEEPs to the Hazardous Waste Collection, and will keep you informed of our progress.
- NOTE:** Many of the profiles were summarized from the Water Quality Criteria documents prepared in support of various programs under the Clean Water Act.

## HEA DOCUMENTS

<b>WHAT IS HEA:</b>	<p>Health Effects Assessment (HEA) documents are brief, quantitatively-oriented scientific summaries of health effects data.</p> <p>- There are currently nearly 60 published HEA documents.</p>
<b>WHO ISSUES IT:</b>	<p>HEAs are developed by the Environmental Criteria and Assessment Office, Office of Health and Environmental Assessment (ORD), Cincinnati, OH.</p>
<b>PURPOSE:</b>	<p>HEAs are prepared to assist the Headquarters' Office of Emergency and Remedial Response (OERR) in establishing chemical-specific health-related goals for Superfund remedial actions.</p> <p>The intent in these assessments is to suggest acceptable exposure levels whenever sufficient data are available.</p>
<b>FREQUENCY:</b>	<p>When additional health effects assessment information is needed, a HEA document is developed by ORD staff. There are about 57 HEA documents planned for FY 1987 publication.</p>
<b>ACCESS INFO:</b>	<p>HEA documents are available from NTIS. Many are available through the EPA library network Hazardous Waste Collection, and as new HEAs are issued, they are added to the Collection.</p>