# Residence Time Encyclopedia Article

## Residence Time

The following sections of this BookRags Literature Study Guide is offprint from Gale's For Students Series: Presenting Analysis, Context, and Criticism on Commonly Studied Works: Introduction, Author Biography, Plot Summary, Characters, Themes, Style, Historical Context, Critical Overview, Criticism and Critical Essays, Media Adaptations, Topics for Further Study, Compare & Contrast, What Do I Read Next?, For Further Study, and Sources.

(c)1998-2002; (c)2002 by Gale. Gale is an imprint of The Gale Group, Inc., a division of Thomson Learning, Inc. Gale and Design and Thomson Learning are trademarks used herein under license.

The following sections, if they exist, are offprint from Beacham's Encyclopedia of Popular Fiction: "Social Concerns", "Thematic Overview", "Techniques", "Literary Precedents", "Key Questions", "Related Titles", "Adaptations", "Related Web Sites". (c)1994-2005, by Walton Beacham.

The following sections, if they exist, are offprint from Beacham's Guide to Literature for Young Adults: "About the Author", "Overview", "Setting", "Literary Qualities", "Social Sensitivity", "Topics for Discussion", "Ideas for Reports and Papers". (c)1994-2005, by Walton Beacham.

All other sections in this Literature Study Guide are owned and copyrighted by BookRags, Inc.

# Contents

Residence Time Encyclopedia Article.....1

Contents.....2

Residence Time.....3

# Residence Time

Residence time is the length of time that a substance, usually a **hazardous material**, can be detected in a given **environment**. For example, airborne pollutants are carried into the **atmosphere** by natural updrafts. The concentration and size of the particulates and their residence time exerts varying degrees of influence on the solar radiation balance. Other examples include the period of time that oxidant concentrations such as PAN-type or **ozone** remain in the atmosphere, or the period of time that nuclear by-products are found in the atmosphere or in the **soil**.

## See Also

Hazardous Waste Siting; Radioactive Waste