

United States  
Environmental Protection  
Agency

Center for Environmental  
Research Information

Office of Solid Waste and Emergency Response

Technology Transfer

# Solvent Waste Reduction Alternatives

655R87001

~~February 23-24, 1988~~  
~~Holiday Inn Downtown~~  
~~Atlanta, GA~~

~~March 3-4, 1988~~  
~~Copley Plaza~~  
~~Boston, MA~~

March 16-17, 1988  
Stouffer Madison  
Seattle, WA

April 7-8, 1988  
Holiday Inn-Mart Plaza  
Chicago, IL

April 26-27, 1988  
Hyatt Regency  
Kansas City, MO

United States  
Environmental Protection  
Agency

Center for Environmental Research  
Information  
Cincinnati OH 45268

Official Business  
Penalty for Private Use \$300



JACA Corp.  
550 Pinetown Road  
Fort Washington, PA 19034

ATTN:  
Robin Gold  
EPA Solvent Waste  
Reduction Alternatives

Place  
Postage  
Here

BULK RATE  
POSTAGE & FEES PAID  
EPA  
PERMIT No. G-36

CERL 87 60

**Purpose**

This two-day seminar will provide the solvent waste generator with a comprehensive set of technical and regulatory alternatives for the management of such wastes. Many solvent waste generators will have to find alternative ways of managing these wastes now that they are banned from, or will shortly be banned from, landfill disposal. In addition, the liability that such wastes present when managed improperly has generated interest in ways to reuse, treat, minimize, or entirely avoid their generation. Lastly, as a result of EPA's Waste Minimization regulations, many plant owners and managers are recognizing the importance of using solvents efficiently. There are many alternatives for managing solvent wastes and this seminar will cover the advantages and disadvantages of these alternatives. An array of options will be presented as well as case study examples. Regulations that affect the choice of alternatives will also be covered.

This seminar has been designed for all industries that use solvents for parts cleaning, equipment cleaning, and surface coating. Not covered are solvent usage in dry cleaning or solvents as extractive or reactive media. The seminar is designed for businesses of all sizes.

The first morning of the seminar is devoted to regulatory and legal topics, while the remainder of the program is technical. The regulatory topics include: land disposal and liquid bans; burning of hazardous wastes as fuel in boilers and cement kilns; and the community right-to-know provisions of Title III of SARA. A legal presentation will also cover corporate liability under source reduction, on-site or off-site reuse or reclamation, and treatment. The regulatory topics will be presented by EPA personnel and the legal presentation will be made by a lawyer specializing in environmental issues.

The technical topics are divided into three sections: source reduction, reuse and recycle, and treatment. Within source reduction are separate presentations on parts cleaning, equipment cleaning, and surface coating. Halogenated and hydrocarbon solvents will be covered. The reuse and recycle session will cover all on-site and off-site options for hydrocarbon and halogenated solvents. The treatment session will cover destructive technologies as well as those that enhance the recovery of solvents. Solvent wastestreams and aqueous wastestreams with low solvent concentrations will also be covered in the treatment session. Technical speakers are from industry and consulting firms.

**Registration and Hotel Information**

There is no fee for attending these seminars. Since registration will be limited to the space available, the attached registration card should be completed and mailed as soon as possible. A letter confirming your preregistration at the seminar of your choice will be sent to you.

Room reservations are to be made by you directly with the hotel and should be made early. The reserved block of rooms will only be assured up to three or four weeks before the date of the seminar; after that, rooms will be assigned by the hotel on a space-available basis. Be sure to mention that you are attending this EPA seminar so that you will qualify for special room rates. For additional information, call Robin Gold at JACA Corp., Fort Washington, PA, (215) 643-5466.

**Seminar Locations and Dates**

February 23-24, 1988  
Holiday Inn Downtown  
175 Piedmont Avenue, N.E.  
Atlanta, GA 30303  
(404) 659-2727

March 3-4, 1988  
Copley Plaza  
138 St. James Avenue  
Boston, MA 02116  
(617) 267-5300

March 16-17, 1988  
Stouffer Madison  
515 Madison Street  
Seattle, WA 98104  
(206) 583-0300

April 7-8, 1988  
Holiday Inn, Mart Plaza  
350 North Orleans Street  
Chicago, IL 60654  
(312) 836-5000

April 26-27, 1988  
Hyatt Regency  
2345 McGee Street  
Kansas City, MO 64108  
(816) 421-1234

**SEMINAR PROGRAM**

**First Day – Regulatory Issues and Source Reduction**

- 8:00 a.m. Registration
- 9:00 a.m. Welcome, Background, and Introductions
- Session 1: Regulatory Issues**
- 9:15 a.m. Land and Liquid Disposal Bans
- 10:15 a.m. Title III of SARA, Community Right-to-Know
- 10:40 a.m. Break
- 11:00 a.m. Solvent Waste Burning Regulations
- 11:30 a.m. Liability Issues for Source Reduction, Recycle, and Treatment
- Noon Lunch

**Session 2: Source Reduction**

- 1:15 p.m. Equipment Cleaning
- 2:15 p.m. Parts Cleaning
- 2:45 p.m. Break
- 3:00 p.m. Parts Cleaning (Continued)
- 3:30 p.m. Surface Coating
- 4:30 p.m. Adjourn

**Second Day – Reuse/Recycle and Treatment**

**Session 3: Reuse and Recycle**

- 8:30 a.m. On-site Reuse and Recycle of Halogenated Waste Solvents
- 9:15 a.m. On-site Reuse and Recycle of Petroleum Waste Solvents
- 10:00 a.m. Break
- 10:15 a.m. Off-site Reclamation of All Solvents
- 11:00 a.m. Where Do Still Bottoms & Residuals Go?
- 11:45 a.m. Lunch

**Session 4: Treatment**

- 1:00 p.m. Treatment – Solvent Wastestreams
- 1:45 p.m. Treatment – Aqueous Wastestreams
- 2:30 p.m. Treatability Studies
- 3:00 p.m. Adjourn

**Speakers**

EPA Headquarters, OSWER, OTS  
Robert A. Wyman, Latham and Watkins  
Carl Fromm, Jacobs Engineering  
Ed Rodzewich, Parker-Amchem  
Richard Randolph, Dow Chemical, USA  
Robert Salvesson, Robert H. Salvesson Associates  
Brian Dawson, Solvent Resource Recovery, Inc.  
Steve Miller, Ekotek  
Tom Stansyk, RECRA Environmental

**SEMINAR REGISTRATION FORM**  
**Solvent Waste Reduction Alternatives**

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Name \_\_\_\_\_

Title \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip Code \_\_\_\_\_

Phone (    ) \_\_\_\_\_