

Jake M. Smith
Minneapolis MN
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PROFESSIONAL EXPERIENCE

Hennepin County Environmental Services, Minneapolis MN

Senior Environmentalist 2000 to Present

Senior Planning Analyst 1999 to 2000

- Serve as County liaison to Hennepin Energy Resource Company (HERC), a 365,000-ton/yr waste to energy facility owned by the County and operated by Covanta Energy Company.
- Administer all HERC and associated vendor contracts, including the Service Agreement with Covanta Energy to operate the facility, the electrical sales and services agreements with Xcel Energy, and contracts for ash and ferrous disposal.
- Oversee preparation of all HERC related monthly invoices.
- Review and monitor all HERC related state and federal regulatory activities, including all HERC environmental compliance testing.
- Chair monthly HERC/Hennepin County meetings and HERC Safety meetings.
- Act as Project Leader for HERC related projects, including an assessment of the condition of the facility, a study to use energy from the facility to supplement district heating, a project to study odor mitigation at the facility.

Environmentalist 1989 to 1999

- Assisted in annual hazardous waste generator relicensing and billing activities.
- Developed, coordinated, and conducted classes and outreach for hazardous waste generator and pollution prevention training and assistance.
- Worked with other Hennepin County staff to develop public outreach materials, and with staff from the Minnesota Technical Assistance Program (MnTAP), the Minnesota Pollution Control Agency (MPCA), and Minnesota Office of Environmental Assistance (OEA) to develop policy and plan workshops, seminars, and conferences.
- Inspected, licensed, and enforced rules for hazardous waste generators and facilities.
- Acted as project manager for a two-year grant to develop a program to promote pollution prevention activities to hazardous waste generators in the County. Received a National Association of Counties (NACo) award for the program.

VIC Division of Waltron, Minneapolis MN

Research Director/Environmental Manager 1982 to 1989

- Acted as project leader to conduct research on new dry cleaning solvents, filtration systems, and waste minimization.
- Modified coating operations to minimize raw material waste.
- Coordinated hazardous waste management and disposal activities.
- Developed and conducted employee right to know training.

Marden Wild Corporation, Somerville MA

Technical Director 1973 to 1980

- Developed leather-tanning products to eliminate the use of sperm oil.
- Modified manufacturing processes to increase energy efficiency, reduce water usage, and minimize raw material waste.
- Developed and conducted employee right to know classes.
- Developed material safety data sheets and federal TOSCA forms for company products.

EDUCATION

BS Chemical Engineering - University of Massachusetts, Lowell MA – 1971
OSHA 40-hour training (1990) and annual 8-hour refreshers.
Preventing Pollution: Innovative Approaches to Environmental Management – U of MN 1998
Environmental Management Excellence Program – U of MN 1998

PROFESSIONAL ORGANIZATIONS

Air and Waste Management Association
Academy of Certified Hazardous Materials Managers
Minnesota Resource Recovery Association