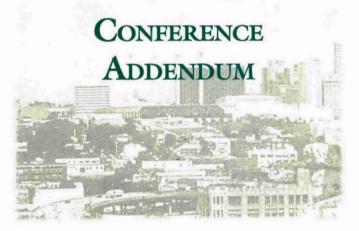
Brownfields

Partnering For A Greener Tomorrow

September 3-5, 1997 Kansas City Convention Center Kansas City, Missouri



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BROWNFIELDS '97 ADDENDUM

ADDITION OF SPECIAL SESSION

ENVIRONMENTAL JUSTICE/COMMUNITY GROUP CAUCUS

Background

If you feel overwhelmed by the large number of public officials, attorneys, consultants, and financiers that normally attend brownfields meetings, then you should feel at home at the Environmental Justice/Community Group Caucus, sponsored by the United Church of Christ Commission on Racial Justice, the Urban Habitat Program, Career/Pro, and others to be determined.

This caucus will help representatives of environmental justice organizations and other community groups participate effectively in the Brownfields '97 meeting. Learn from other participants how to make your brownfields projects best serve the interests of people who live in your community. Though the U.S. Environmental Protection Agency (EPA) is taking the lead in forming national brownfields policy, most important brownfields decisions are made by state regulators and local public and private financial interests. Community stakeholders play a key role in communicating concerns and issues to these stakeholders. The EJ/Community Caucus hopes to use the Kansas City meeting to launch a national communications network of brownfields activists, not only to share success stories and problems but to develop collective ways to influence brownfields policy wherever it is made. Participants will come from environmental justice, neighborhood, religious, and grass roots organizations. We hope to have representation from different states and communities that have diverse backgrounds.

For more information about the EJ/Community Group Caucus, please contact Tony Chenhansa at Career/Pro, a program of the San Francisco Urban Institute at (415) 904-7751 or by e-mail: cpro@igc.apc.org

Note: If you don't represent an environmental justice or other community constituency, but you know of people who do, let them know about our caucus, both at Brownfields '97 and in months to come.

Caucus Goals

Promote communications among environmental justice and other community organizations throughout the U.S.

Establish a national presence through which brownfields activists can work together to influence policy.

Ensure that brownfields projects are not used as an excuse to perpetuate polluting industries in our communities.

Build a community-based brownfields strategy in every community with aspirations of brownfields revitalization.

Caucus Agenda

Getting To Know You

September 3, 1997 at 5:15-6:15 p.m. in Room 2210C (following Panel 2D, A Seat at the Table: A Community Training Session)

- Discuss what participants want to get out of the caucus and conference
- Talk about and recommend some panels to attend
- Establish the items of discussion for the Thursday Caucus meeting

Connecting the Dots

September 4, 1997 at 5:30-7:30 p.m. in Room 1201

- Share success stories of how communities overcame barriers in the revitalization process.
- Discuss strategies of how to encourage and ensure neighborhood participation in the process.
- Explore effective strategies for being "heard" at the local and state levels.
- Have breakout sessions or smaller group talks.

Bringing It All Home

September 5, 1997 at 3:30-5:30 p.m. in Room 1201

- How to stay in touch with the participants?
- How to follow up with the discussed topics?

BROWNFIELDS '97 ADDENDUM

ADDITIONAL PANELIST BIOGRAPHIES

MR. BRUCE ALEXANDER

Bruce Alexander is the senior vice president and manager of the Colorado office of the Bank One Western Region Real Estate unit. This unit provides real estate lending (single family residential construction, acquisition and development, commercial construction and mini-perms) to Colorado from its offices in Denver, and Colorado Springs. A graduate of the University of Virginia with a bachelor's degree, Mr. Alexander started his banking career in 1978 at Affiliated First National Bank in Boulder, which is now part of Bank One. Prior to his current duties, he served as president of two Bank One banks in Colorado. He also ran the Denver offices' Corporate Banking unit in the early 1990s. An active member of the community, he has served on many boards of directors of key Colorado business and core organizations.

Ms. TERI A. ANDERSON

Ms. Anderson is the town planner in Greenfield, Massachusetts. She earned a bachelor's degree in environmental planning at the University of Massachusetts at Amherst and has 13 years of local planning experience. Ms. Anderson has attended 75 hours of mediation and public dispute resolution training at Woodbury College in Vermont and at The Conservation Foundation in Washington, D.C. Ms. Anderson coordinated a community-wide dispute resolution process in Greenfield regarding commercial development with the assistance of professional mediators from the Massachusetts Office of Dispute Resolution. Ms. Anderson is the project manager of a recently awarded Brownfields Pilot Assessment Project from the U.S. Environmental Protection Agency.

MR. SCOTT BERNSTEIN

Scott Bernstein is president of the Center for Neighborhood Technology (CNT), which develops resources to promote healthy, sustainable communities; and publisher of, *The Neighborhood Works*, winner of the Peter Lisagor Award for Public Service Journalism. Other publications include *Sustainable Manufacturing: Saving Jobs, Saving the Environment; School Reform Chicago Style*; and *Working Neighborhoods: Taking Charge of Your Local Economy*, among others.

A native Chicagoan, Mr. Bernstein studied engineering and political science at Northwestern University and served on the staff of its Center for Urban Affairs & Policy Research. He is a visiting lecturer at the University of California, Los Angeles, an environmental fellow of the Institute for Transportation Studies at the University of California, Davis, a trustee of the Institute for the Regional Community, and a board member, Brookings Institution Center for Urban & Metropolitan Policy.

Mr. Bernstein was recently nominated by President Clinton for an appointment to the President's Council for Sustainable Development, on which body he serves as the co-chair of its new task force on State, Local & Regional Initiatives, and its Metropolitan Strategies Working Group.

Mr. Bernstein is involved in an advisory capacity to the federal government on a variety of issues; current assignments include: National Academy of Sciences/National Research Council, Committee on Industrial Competitiveness and Environmental Protection; National Science Foundation, Human Capital Initiative Advisory Committee; Office of Technology Assessment, United States Congress, Study Assessment on Cities, Technology and Infrastructure; President's Council on Sustainable Development, Task Forces on Eco-Efficiency and Sustainable Communities; Transportation Research Board, Committee on Transportation Investment & Economic Productivity; Office of the President, Policy Dialogue on Reducing Greenhouse Gas Emissions from Personal Motor Vehicles (a.k.a. "Car Talk") and National Homeownership Partnership Initiative.

CNT's and Mr. Bernstein's work have earned recognition awards from the American Society of Landscape Architects; Renew America; the Enterprise Foundation; People for Community Recovery; the Governor of Illinois; the U.S. Secretary of Energy; the League of Women Voters; the National Information Infrastructure, and *Utne Reader*, among others.

MR. TOM BOYDELL

Tom Boydell is a principal with the Seneca Consulting Group in Seattle, and he was formerly with the Mayor's Office of the City of Seattle where he was an economic advisor on growth management, the regional economy and industrial redevelopment. Mr. Boydell was the architect of the Seattle-Duwamish brownfields strategy and he continues to manage its implementation for the city and county.

From a national perspective, Mr. Boydell consults with other cities, financial institutions, and small businesses on industrial development and finance issues. In fact, he recently was added to the IRM team (as Chuck Powers announced at this conference), and he will be working with a number of the brownfields pilots around the country in his IRM capacity. He is also a member of the Brownfields Financing Workgroup of the National Association of Local Government Environmental Professionals.

Prior to working for the City of Seattle, Mr. Boydell was with Deloitte & Touche in management consulting. He also has experience working in the New York-Wall Street financial community. His educational background includes a Master of Business Administration in finance from the Wharton School and a Master of Regional Planning from the University of North Carolina at Chapel Hill.

Ms. Martha C. Brand

Martha C. Brand is a shareholder and chair of Leonard, Street, and Deinard's Public Law Department. Her practice includes all aspects of environmental law and she is a recognized expert in the area of brownfields transactions and a frequent author and speaker on this topic nationally and locally. She is the secretary of the State Bar Association Section on Environmental and Natural Resources Law. Ms. Brand is a graduate of Wellesley College (1971) and Boston University School of Law (1974).

Ms. SUSAN E. BROMM

Ms. Bromm is deputy director of the Office of Site Remediation Enforcement at U.S. Environmental Protection Agency (EPA) headquarters, setting national legal and programmatic policy for, and oversight of, the Superfund and Resource Conservation and Recovery Act (RCRA) Corrective Action enforcement programs. She has served in EPA's RCRA program in various capacities since 1980. From 1980 - 1988, she held various positions in the Office of Solid Waste with responsibility for RCRA permitting, corrective action and regulatory development. From 1988 to 1993, she served as the director of the RCRA enforcement program. Ms. Bromm is an attorney and a graduate of Georgetown Law School.

MR. RICHARD R. BURK

Dick Burk is director of Community Connections, a new office established to design, produce, market and support telecommunications and software products in the Office of Community Planning and Development at the U.S. Department of Housing and Urban Development (HUD). The principal products to date include Community 2020, HUD's Community Planning Software for grantees and community-based organizations, and the population of HUD's Home Page on the Internet with summaries of more than 900 communities' plans. Community 2020 combines geographic information systems technology with U.S. Census data and HUD program data enabling users to plan for and communicate their activities to the public.

Previously, Mr. Burk was a senior desk officer at HUD headquarters responsible for the management and oversight of six field offices.

Mr. Burk's 23-year career at HUD headquarters spans the research, demonstration and management of almost every federal activity in the fields of community development and housing rehabilitation.

MR. SAMUEL A. CARRADINE, JR.

Samuel A. Carradine, Jr. was appointed executive director of the National Association of Minority Contractors (NAMC) in 1993. At NAMC, a 5,000 member construction trade association founded in 1969, Mr. Carradine focuses on advocating for minority contractors, increasing membership and chapter development, and providing services and assistance to this membership nationwide. While at NAMC, Mr. Carradine has provided management and technical oversight for a range of U.S. Environmental Protection Agency (EPA) sponsored training programs for disadvantaged contractors including training in asbestos abatement, underground storage tank removal, radon measurement and mitigation, lead based paint detection and removal, and hazardous waste/Superfund safety and removal. Over the past nine years, NAMC has trained over 3,000 minority contractors and their employees in these various fields. As a result of the success of these programs, NAMC was selected to participate as a training provider in hazardous waste/Superfund and lead based paint removal under EPA's Brownfields Pilot Program. Prior to joining NAMC, Mr. Carradine was a senior associate of the International Science and Technology Institute, an international consulting firm, and has served as director of research for the Booker T. Washington Foundation, as economic development specialist in Senator Paul Tsongas' Massachusetts office, and as an associate on the White House Reorganization Project during the Carter Administration. Mr. Carradine holds a Bachelor of Arts in government from Cornell University and a Master of Arts from Harvard University in government/development administration.

Ms. Joan Colson

Ms. Colson is an environmental protection specialist working in the Center for Environmental Research Information which is located in the U.S. Environmental Protection Agency's (EPA) Office of Research and Development, Cincinnati, Ohio. Ms. Colson develops technology transfer products for hazardous waste contamination problems. She is currently preparing technical guides for brownfields sites that will help developers evaluate site characterization and cleanup technologies for selected site types. The guides will contain information on estimating costs associated with these activities. She has several years of experience in the area of remediation technologies through EPA's technical assistance program.

MR. MICHAEL CORDES

Mr. Cordes is responsible for creating and developing a 220-acre eco-industrial park from a abandoned wasteland in the metro east St. Louis area that focuses on the reuse of secondary materials in a manufacturing process that utilizes "discarded resources" which are abundant and have potential value in concentration. Mr. Cordes continues to create innovative programs that entice facility planners to locate and utilize new methods of assembling and reusing land and resources by a consortium of businesses that have an eco-industrial base (secondary materials remanufacturing) process in common. Mr Cordes brings both private sector entrepreneurial and governmental leadership to this process of revitalizing communities and their economy by attracting and creating new business from emerging environmental technologies.

MR. CHRIS CRISTICH

Mr. Cristich joined R.W. Rhine Inc., in 1987. Though the Rhine Company already had the largest demolition salvage operation in the Northwest, rising landfill costs required implementing smarter demolition methods. During his tenure, Mr. Cristich has introduced some of the most innovative source separation techniques and sophisticated recycling facilities. He has become a respected salvage and recycling resource for many agencies and the engineering community. He has, in fact, established the yardstick by which demolition and dismantling recycling is measured.

MR. JARLE CROCKER

Mr. Crocker is a program associate with the Program for Community Problem Solving (PCPS), a division of the National Civic League. With PCPS, he has worked on developing collaborative approaches to creating consensus-based environmental policy for communities. With the Institute for Conflict Analysis Resolution (ICAR) at George Mason University (GMU), he is currently working on a four year study of public participation in environmental management. Mr. Crocker is a former adjunct professor of communication at GMU, and is completing his doctorate at ICAR.

MR. GARY ELLSWORTH

Mr. Ellsworth has been with the Cuyahoga County Planning Commission for the past six years. During his tenure he has held the position of both planner and geographic information systems (GIS) coordinator and has provided legal assistance to the Commission's projects. He developed and implemented the Planning Commission's GIS and for the past year, he has managed the development of the brownfields GIS project, called the Cuyahoga Redevelopment Computer System.

Mr. Ellsworth received both a Bachelor and Master of Arts degree in planning and economic development from Bowling Green State University. In 1991, he received his Juris Doctorate from Cleveland Marshall College of Law. He received the American Bar Association Award for Excellence in Local Government Law in 1991.

Ms. Karen Flournoy

Karen Flournoy has served with the U.S. Environmental Protection Agency (EPA) Region 7 since 1978, and was assigned to the deputy director position of the Air, Resource Conservation and Recovery Act (RCRA), and Toxics Division (ARTD) in 1995.

Ms. Flournoy received a Bachelor of Science in civil engineering from the University of Missouri-Columbia in 1977.

Ms. Flournoy began with the EPA in 1978 as an environmental engineer. She became a RCRA Permit Writer in the Superfund Branch of the Waste Management Division in 1981. In 1988 she was promoted to section chief in the Superfund Branch. From there, Karen went on to become the deputy director of the Air, RCRA, and Toxics Division. This experience has given her a broad knowledge of cross media programs.

Ms. Darsi Foss

Darsi Foss is the team leader of the Wisconsin Department of Natural Resources (DNR) Land Recycling Team, which deals mainly with brownfields issues. Ms. Foss has 12 years of policy and program experience in environmental remediation, both at the federal and state levels. While at the U.S. Environmental Protection Agency (EPA), she served as a presidential management intern and a staff person working on policy issues pertaining to Resource Conservation and Recovery Act (RCRA) corrective action and Superfund. Ms. Foss has been with the DNR for the past 8 years, now

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working on integrating brownfields incentives into the existing cleanup program. Ms. Foss received her master's degree in public administration and undergraduate degrees from lowa State University, in Ames, Iowa.

Ms. LISA GELLER

Ms. Geller has recently joined the Materials for the Future Foundation (MFF) as the coordinator of a military base deconstruction and reuse project, funded by the U.S. Environmental Protection Agency. Ms. Geller brings expertise to the project from her experience at the East Bay Conversion and Reinvestment Commission, where she was part of the coordinating team for a deconstruction project at the Naval Air Station, Alameda, California. As base conversion coordinator at MFF, Ms. Geller will negotiate deconstruction contracts on closing military bases in the Bay Area and will assist community-based organizations to create enterprises that utilize materials recovered through deconstruction.

MR. STAN GIMONT

Mr. Gimont has been a financial analyst with the U.S. Department of Housing and Urban Development's (HUD) Section 108 loan guarantee program for almost five years and his portfolio of assignments includes a wide range of community and economic development projects. He has also been instrumental in the implementation of HUD's Economic Development Initiative (EDI) grant program since its inception in 1994. Mr. Gimont came to HUD in 1987 as a presidential management intern and subsequently worked with HUD's state CDBG program staff. He holds master's degrees in public administration and real estate development.

Ms. ILISA HALPERN

Ilisa Halpern is director of federal affairs for the American Public Health Association (APHA). APHA is a non-profit, non-partisan membership organization of public health professionals which has worked to protect and promote personal and environmental health since 1872. As a member of the APHA Government Relations and Affiliate Affairs Department, Ms. Halpern analyzes, monitors, and advocates federal and state legislation regarding environmental health issues. She chairs and coordinates the activities of APHA's National Environmental Health Coalition—a coalition of more than 25 national health organizations committed to protecting environmental health. Ms. Halpern has been actively involved in efforts to reauthorize the Superfund program with special emphasis on expanding the role of public health professionals and public health practice in the cleanup of our nation's hazardous waste sites.

MR. GREGORY R. HANSEN

Greg Hansen has been associated with Liberty Property Trust (formerly Rouse & Associates) since the fall of 1989. Previously, he was general manager of the Great Valley Corporate Center (a 2.0 million square foot mixed-use park). Now as vice president of marketing, Mr. Hansen directs a team for the marketing and management of a 2.0 million square foot industrial portfolio. His development responsibilities include the recent completion of 130,000 and 100,000 square foot warehouse buildings, county approvals for another 70,000 square feet of warehouse, and recent building permits for another 39,000 square feet of flex warehouse space.

Prior to joining Liberty, Mr. Hansen was partner and president of the Marketing and Management Division of the Schuck Corporation in Colorado Springs, Colorado. While directing 500,000 square feet of development projects, the highlight for Mr. Hansen was the development of the 250,000 square foot Town and Country Business Center.

Mr. Hansen has a Bachelor of Arts degree from Brigham Young University. He is active with the Boy Scouts of America and Tredyffrin/Easttown Soccer Association. Mr. Hansen also received the <u>Certified Commercial Investment Member</u> (CCIM) designation from the Commercial Investment Real Estate Institute.

Recently, Mr. Hansen served as the real estate developer panelist for the 1997 Industrial Site Recycling Conference held in Pittsburgh, Pennsylvania. Formerly public affairs chairman for the Denver Chapter for NAIOP, Mr. Hansen co-founded and became the first president of the Colorado Springs, Colorado Chapter. Active in project analysis, Mr. Hansen participated as a team member for 4 projects and was team chairman for another project in Barrie, Ontario, Canada. As a faculty member for the Industrial Development Course in Seattle and Colorado Springs, he made presentations on marketing and leasing. He also coordinated the Industrial Property Tour for the Colorado Springs market.

MR. STEVEN HERMAN

As Assistant Administrator for Enforcement and Compliance Assurance at the U.S. Environmental Protection Agency (EPA), Steven Herman is charged with ensuring compliance with the nation's environmental laws. Mr. Herman oversees the Agency's national criminal enforcement program and the National Enforcement Training Institute, which provides technical support and training to EPA headquarters, EPA's regional offices, and the states. Mr. Herman manages the Agency's regulatory, federal facility enforcement, and compliance assurance programs and is also responsible for implementing the Agency's environmental justice program and federal activities program under the National Environmental Policy Act. He also runs EPA's Superfund enforcement program and has spearheaded the Agency's Superfund enforcement reforms. These reforms include orphan share compensation, reduced oversight for cooperative parties, interest-bearing special accounts, *demicromis* settlement policy, and equitable issuance of unilateral administrative orders at National Priorities List (NPL) sites. In 1995, he signed Agency guidance for agreements with prospective purchasers of contaminated property.

MR. THOMAS HOERMANN

Mr. Hoermann joined BASF Corporation as senior environmental specialist in the Corporate Ecology and Safety Group in 1989. In this capacity, he assisted BASF facilities with regulatory issues and environmental, health, and safety programs. From 1993 through 1995, Mr. Hoermann represented BASF Corporation during the design and construction phases of the brownfields redevelopment of the former BASF Southworks Facility in Wyandotte, Michigan. During this period, he also served on technical workgroups of the Detroit River Remedial Action Plan (RAP) and Binational Public Advisory Committee (BPAC).

Currently, Mr. Hoermann is product steward for the Automotive Refinish Group of BASF Corporation, in Whitehouse, Ohio.

Mr. Hoermann earned a Bachelor of Science in chemistry from Michigan State University and a master's degree in occupational and environmental health from Wayne State University. He is a certified industrial hygienist and an adjunct faculty member at Wayne State University.

MR. PETER HOPLEY

Mr. Hopley manages the local, state, and federal approvals of new sites for BJ's Wholesale Club, Inc., one of the largest membership warehouse club chains in the northeastern United States. Mr. Hopley has been part of the retail development industry for more than ten years and has overseen the investigation and remediation of sites that would otherwise be passed over if not for programs like the Brownfields Program. He is intricately familiar with the balancing of remediation costs and risks and the ultimate viability of a "Retail" deal. As Mr. Hopley implements the aggressive expansion program his company has set forth in the coming years, the "Partnering" amongst state and federal agencies and developers is essential to its success.

DR. ROBERT R. JACOBS

Dr. Jacobs is an associate professor in the Department of Environmental Health Sciences at the University of Alabama - Birmingham (UAB) School of Public Health. For the past ten years his research has focused on pulmonary effects associated with exposure to airborne particulates. Recently he has begun work with the Department of Health Behavior in studies designed to evaluate the effects of different behavioral initiatives, in combination with specific methods to reduce exposures to bioaerosols, on asthma outcomes in socioeconomically-disadvantaged communities. For the past two years Dr. Jacobs has been performing environmental assessments for the Birmingham Brownfields project and is developing risk communication programs that emphasize the need to understand public health and its use as the basis for community redevelopment.

MR. MOSI KITWANA

Mr. Mosi Kitwana has a strong commitment and over fifteen years of experience to local government, environmental management and community development. His environmental management and community development career began in the early 1980's. While working for the Center For Neighborhood Technology, he supported the efforts of Chicago community and environmental organizations to establish neighborhood-based economic development, recycling and environmental justice programs. He was named to the Solid Waste Advisory Committee for the City of Chicago and soon joined the City Department of Streets and Sanitation where he served in several capacities including, Superintendent for Materials Transfer, Processing and Disposal, General Superintendent, and Deputy Commissioner, responsible for all solid waste management for the City of Chicago. After leaving local government, Mr. Kitwana continued to serve local government through the American Public Works Association, where he was the Director of Solid Waste Programs and Secretary for the Institute for Solid Waste and the United States Conference of Mayors, where he directed the National Composting Program.

In May 1995, Mr. Kitwana joined the International City/County Management Association (ICMA) as Director of Environmental Programs and Deputy Director of Research and Development. In August 1997, he was named Director of Research and Development with ICMA, responsible for all domestic local government programs including corporate partnerships, environmental management, economic development, utility restructuring and technology, smart growth, public safety and emergency management.

Mr. Kitwana's educational credentials include a MCP from the Massachusetts Institute of Technology and a Bachelor of Science in Economics from Northeastern University.

Ms. Ava R. Langston-Kenney

Ava R. Langston-Kenney has been the coordinator for the Toxic's Program for the City of Sacramento for the past three years. Prior to joining the city, Ms. Langston-Kenney was an active duty naval officer for ten years, serving as the assistant director of environmental affairs at the Naval Communications Station in Stockton. Ms. Langston-Kenney is a graduate of Brown University and a candidate for a master's degree in environmental management from the University of San Francisco.

MR. JAMES L. MAAS

Mr. Maas is a program analyst with the U.S. Environmental Protection Agency (EPA) office that has the lead for the National Brownfields Initiative. Mr. Maas is spearheading an effort to build a management and evaluation reporting system for the Brownfields Initiative. In addition, he serves as the Internet Page Master for the Brownfields and OSWER Environmental Justice Home Pages and is coordinating an effort to share data with other brownfields partners. Mr. Maas is also the lead liaison, for the brownfields team, to the public health agencies and to the Small Business Administration.

Since joining EPA, Mr. Maas has worked on Superfund, solid waste and environmental justice issues for the last decade. Prior to EPA, Mr. Maas was a program manager and an intergovernmental and congressional affairs officer with the Department of Energy. Before DOE, Mr. Maas was a district manager with the Bureau of Census at the Department of Commerce.

MR. PETER J. MCINERNEY

Mr. McInerney is the director of Administrative Services for the City of Wyandotte, Michigan. Previously, he was the city's director of Community Development from 1986 to 1997. In that capacity, he was responsible for supervising the planning of Wyandotte's residential, commercial, and industrial development. He was especially involved with the retention and attraction of business, the reuse of BASF's waterfront property, the construction of new single-family homes in older neighborhoods, and special downtown revitalization projects.

His prior experience includes working for the City of Dearborn, Michigan, from 1982 to 1985, and prior to that, working as a real estate agent. Mr. McInerney has written and supervised adoption of numerous tax increment plans for industrial, downtown and residential development areas.

Mr. McInerney holds a Bachelor of Arts from the University of Notre Dame and a Juris Doctorate from the University of Detroit School of Law. He is a member of the State Bar of Michigan and serves currently as chairman of the Michigan Development and Financing Association.

Ms. DEIRDRE MENOYO

Ms. Menoyo is the director of Brownfields Initiatives at the Conservation Law Foundation (CLF), a leading environmental advocacy organization in New England. Ms. Menoyo is an attorney with eight years experience as a member of the Environmental Law Department of Goodwin, Procter & Hoar in Boston. Prior to joining CLF, she participated in the Massachusetts Brownfields Task Force which devised comprehensive legislation now before the Massachusetts legislature. She is currently working with a number of Massachusetts cities to devise site specific remediation/reuse strategies.

Ms. VERNICE MILLER

Ms. Miller currently serves as the director of the Environmental Justice Initiative of the Natural Resources Defense Council (NRDC). NRDC is a national environmental organization founded in 1970. NRDC is dedicated to protecting natural resources and the public health through effective litigation, persistent advocacy, and hard-hitting research to protect our air, water, land and food supplies. Ms. Miller is responsible for developing NRDC's environmental justice strategies to fight the disproportionate burden of pollution borne by people of color and the poor, and for coordinating all environmental justice efforts within NRDC's various programs. Ms. Miller is a graduate of Columbia University, and a recipient of Columbia's Revson Fellowship. Ms. Miller is a frequent national and international lecturer on environmental justice and environmental policy issues. She has received several honors for her work as a grassroots environmental justice advocate, and has published several articles on the subject. Ms. Miller was recently selected as a Kellogg National Leadership Fellow of the Kellogg Foundation.

DR. RICHARD R. MUDGE

Dr. Richard Mudge is chairman of Apogee Research, a firm that specializes in environmental and transportation economics and finance. Apogee's work ranges from financial planning to economic impact studies to work on land use and development feasibility.

One of Dr. Mudge's specialties is a combination of transportation investment, innovative finance and public-private partnerships to help implement brownfields-related projects.

Prior to founding Apogee, Dr. Mudge served as chief of the public investment unit for the Congressional Budget Office. He holds a Bachelor of Arts from Columbia College and a doctorate in regional economics from the University of Pennsylvania.

Ms. Debra L. Nudelman, Esq.

Debra L. Nudelman, Esq. is a senior mediator at RESOLVE Center for Environmental Dispute Resolution in Washington, D.C. where she is responsible for convening, facilitating, mediating, and managing a range of projects including multiparty national policy dialogues involving complex environmental issues and diverse interests, and multi-party negotiations in Superfund enforcement cases. She designs and develops environmental dispute resolution processes. She is also a member of RESOLVE's training team for environmental negotiation skills, facilitation and consensus building seminars. Prior to joining RESOLVE, Ms. Nudelman was a staff attorney with the U.S. Department of Agriculture, Office of the General Counsel, Natural Resources Division, in Washington, D.C. where she provided legal advice to the U.S. Forest Service. For nearly five years prior to attending law school, Ms. Nudelman was the director of a mediation center in Wisconsin.

DR. JEAN L. O'NEIL

Dr. O'Neil has a broad set of experiences in applied ecology, emphasizing tools for wildlife habitat design, evaluation, management, and monitoring. She has worked for the Corps of Engineers Waterways Experiment Station for 24 years, in a variety of wetland and upland systems. Her first work with the Corps was in using dredged material to construct wildlife habitat. One of the pressing needs in environmental issues today is better communication among people with different disciplines and experience, so she welcomes this opportunity to talk with you, who have the potential to positively affect wildlife habitat and all forms of green space.

Ms. SHELLEY R. POTICHA

Shelley Poticha is the executive director of the Congress for the New Urbanism (CNU), a non-profit organization promoting the restoration of existing urban centers and towns within coherent metropolitan regions and the reconfiguration of sprawling suburbs into communities of neighborhoods. She is trained as an urban planner and has over 17 years of experience working with urban and suburban communities, regional agencies, non-profit groups, citizens activists, and private developers.

Ms. Poticha has worked on a number of award-winning regional plans, including: *Metro Vision 2040*, which tests the implications of three regional growth strategies on neighborhoods within the Portland, Oregon region; "Making the Land Use, Transportation, Air Quality Connection (LUTRAQ)" project for 1000 Friends of Oregon, an innovative study examining how mixed-use, transit-oriented land use patterns can affect suburban travel behavior; and other regional efforts in San Diego, Denver, and St. Louis.

Ms. Poticha has also prepared numerous general plans and city-wide master plans including: the *Palo Alto Community Design and City Structure Element* - the city's substitute for a land use element, this policy document places neighborhoods at the heart of planning policy and clarifies where and how urban infill and redevelopment will occur; the *Fort Collins, Colorado Comprehensive Plan City Structure Element* which stresses infill over new growth as a key means of preserving quality of life; the *East Sunnyside Village Plan*, a detailed master plan and design guidelines for 360 acres in Clackamas County, Oregon which was designated a "*Livable Community*" by the U.S. Department of Transportation; and the *Broomfield Master Plan*, a strategy for creating a sense of community identify in this rapidly growing suburban town north of Denver. The Broomfield Master Plan recently received a "*Smart Development Award*" from the Governor of Colorado.

Ms. Poticha has lectured extensively throughout the United States and has served on the faculty of the University of California at Davis, the University of Oregon, the Lincoln Land Institute, and the Mayor's Institute on City Design. She is a co-author of *The Next American Metropolis: Ecology, Community, and the American Dream* with Peter Calthorpe; *Principles for Designing and Planning Homeownership Zones,* published by the U.S. Department of Housing and Urban Development with CNU; and *A Guidebook for Community-Based Strategic Planning for Empowerment Zones and Enterprise Communities and Vision/Reality: Strategies for Community Change,* also published by HUD. Ms. Poticha holds a master's degree in city planning from the University of California, Berkeley, and a Bachelor of Arts from the University of California, Santa Cruz.

MR. JAMES G. RIBBENS

Mr. Ribbens has worked for the Michigan Department of Natural Resources and Environmental Quality for over 20 years. He has spent the last 19 years working for the Michigan Coastal Management Program, 13 of which have been as the supervisor of the Coastal Programs Unit. In this capacity, Mr. Ribbens is responsible for the Administration of the Coastal Management Program and Michigan's Sand Dune Protection and Management Program. He has a degree in resource development from Michigan State University.

Ms. JOAN ROESELER

Ms. Roeseler serves as the director of Program Development and Planning for the Region 7 Office of the U.S. Department of Transportation Federal Transit Administration (FTA). The Region 7 office covers the states of Iowa, Nebraska, Kansas, and Missouri. Ms. Roeseler is in her 20th year of federal service and has served in numerous capacities in the regional office. Ms. Roeseler is a Kansas City area native and hold a bachelor's degree in business administration from the University of Kansas and a master's degree in regional and community planning from Kansas State University.

Prior to working at the FTA, Ms. Roeseler served as director of transportation for the Mid America Council on Aging, a planner at the Kansas Department of Transportation, and as a systems analyst and planner at W.G. Roeseler Consulting City Planning.

Throughout her career, Ms. Roeseler has received numerous honors and awards for her work, including Vice President Gore's Hammer Award in recognition of her leadership in re-engineering the FTA grant delivery process through development of the FTA Electronic Grant Making and Management system (EGM&M).

Ms. Susan Phinney Silver

Susan Phinney Silver is the deputy director of The Development Fund, a nonprofit organization that works nationally to create innovative vehicles that generate private-sector financing to support community development activities. Ms. Phinney Silver has been with The Development Fund for seven years and has directed a range of its demonstration programs. These programs include the creation of bank-sponsored affordable housing consortia totaling over \$600 million in nine states around the country, and the creation of a new \$50 million lending program, capitalized by banks

and corporations, to finance small businesses in California. The "Financing Initiative for Environmental Restoration (FIER) was launched in 1996 to create a new vehicle to access bank and corporate investment capital for brownfields projects that cannot currently be served by the private sector.

Prior to joining The Development Fund, Ms. Phinney Silver worked as a business consultant with McKinsey & Company in New York and as a program auditor for Catholic Relief Services in Africa. She received her master's degree from the Yale School of Management, and her Bachelor of Arts in math and engineering from Princeton University.

MR. SCOTT SLAGLEY

As manager of Environmental Programs for Commonwealth Atlantic Properties, Inc. (formerly the Richmond, Fredericksburg & Potomac Railroad Company), Mr. Slagley is involved with the environmental investigation, remediation, and redevelopment of several former railroad properties including Potomac Yard located in the Washington, D.C. metropolitan area. Mr. Slagley has 13 years of experience in the management of corporate environmental affairs and environmental consulting to both private and government clients.

MR. DAN STAPLETON

Mr. Stapleton, a vice president of GZA GeoEnvironmental, Inc. (a large publicly-held engineering and environmental firm), has extensive experience managing integrated environmental, geotechnical, solid waste and construction services for site development and has been responsible for over 200 multidisciplinary projects, typically with design fees ranging from \$50,000 to \$2 million and construction costs up to \$300 million. In particular, Mr. Stapleton has specialized in below-ground issues for private and public construction, including foundation engineering, environmental site evaluation and due diligence, and construction management. In this capacity, Mr. Stapleton has been employed by municipalities and private developers to evaluate and assist in the redevelopment of numerous brownfields located throughout the Northeast. Prior to joining GZA, Mr. Stapleton was employed as an engineering geologist with Woodward-Clyde Consultants, Inc. and a senior project engineer with Maguire Group, Inc. (Providence, Rhode Island). Mr. Stapleton has also worked internationally in Micronesia and Mexico, and formerly managed GZA's Pennsylvania office.

Ms. Nan Stockholm

Nan Stockholm is an environmental lawyer whose practice, Environmental and Urban Policy, is based in Marin County, California. She was worked with federal, state and local governments, non-profit organizations, and companies on public benefit projects. Ms. Stockholm served as chief of staff to Senator Bill Bradley and counsel to Senator Daniel Patrick Moynihan. She is a graduate of Stanford University and Stanford University Law School.

MR. KENNETH WALKER

Kenneth Walker is the community specialist with the National Oceanic and Atmospheric Administration's (NOAA's) Office of Ocean and Coastal Resource Management (OCRM). OCRM assists states in implementing the Coastal Zone Management Act (CZMA), a voluntary partnership between NOAA and 31 state coastal management programs.

Mr. Walker provides assistance to state coastal management programs on community issues such as waterfront revitalization and brownfields redevelopment. Mr. Walker is also the lead for the NOAA Brownfields Work Group, which was established earlier this year to begin coordinating NOAA brownfields activities.

Ms. Martha R. Walters

Ms. Walters, currently the brownfields project manager for the San Francisco Pilot Project, has been working for the San Francisco Redevelopment Agency for the past year and a half as the Agency's environmental projects coordinator. She is also working on environmental cleanup issues at two closing military bases in the Bay Area, the Presidio and Treasure Island. Ms. Walters has been working on environmental cleanup issues in both the private and public sectors for the past dozen years. Ms. Walters worked for approximately five years at the U.S. Environmental Protection Agency (EPA) where, among many job responsibilities, she was special assistant to the Administrator for federal facilities. During this tenure, she developed national policy legislation and tackled numerous Department of Defense (DOD) issues such as military base closures and Department of Energy (DOE) compliance issues. Ms. Walters has a Bachelor of Science degree in biology from the University of California at Berkeley.

Ms. Jane H. Wells

Ms. Wells is deputy director of The Massachusetts Office of Dispute Resolution (MODR). Ms. Wells joined the staff of MODR in 1988 while pursuing a specialization in negotiation and dispute resolution at the Harvard Program on Negotiation. Throughout her tenure, she has been involved as a facilitator, mediator, and consultant to government agencies, corporations, and community groups in the application of dispute resolution strategies with a focus on environmental issues.

Ms. Wells brings to the practice of dispute resolution 20 years of experience in private business operations, consultant to organizations and government in strategic planning, six years as a public official and extensive presentations and trainings in organizational renewal and interagency communication and conflict management.

Ms. Shari T. Wilson

Ms. Wilson is an administrator with the Maryland Department of Environment's Voluntary Cleanup Program.

Previously, Ms. Wilson held positions as the Maryland director of the Alliance for the Chesapeake Bay, a national service participant in Volunteer Maryland! and Assistant Attorney General with the Maryland Department of Environment.

Ms. Wilson currently serves as chair of the Environmental Law Section of the Maryland State Bar Association and as a member of the Governor's Commission on Service. She received her law degree from the University of Baltimore School of Law and a master's degree in marine affairs from the University of Virginia.

ADDITIONAL PANELIST BIOGRAPHIES

Ms. Edna Bell

Ms. Bell has been involved in environmental issues for the last six years. She has served as the chair of the Southeast Michigan Council of Governments (SEMCOG) Joint Environmental Funding Task Force, and the CEDAC Development Incentives Task Force. She is currently a member of the Wayne County Detroit Sustainable Development Roundtable, the Wayne County Economic Development Corporation, the Wayne County Brownfields Authority and the Vice-Chair of the National Association of Counties Sustainable Development Leadership Team.

MR. STEPHEN A. COLANTINO

Mr. Colantino is the brownfields coordinator for the Bureau of Land, Illinois Environmental Protection Agency (IEPA), a position he has held since 1994. Prior to that, he was a private sector environmental consultant in Chicago, Illinois for four years. Mr. Colantino also served in the Division of Land, IEPA, in a program that was the predecessor of the voluntary cleanup program and leaking underground storage tank (LUST) program. Mr. Colantino received a bachelor of science degree in agronomy and biology from Western Illinois University. He is a convening member of the Brownfields Redevelopment Forum; a member of the Brownfields Project Advisory Committee, Great Lakes Commission; an organizer for numerous brownfields workshops and conferences; and a frequent speaker on brownfields, the state voluntary cleanup program, and the LUST program.

MR. ROBERT T. FORBES

Mr. Forbes is the director of remediation for FMC Corporation, which is one of the world's leading producers of chemicals and machinery for industry, government, and agriculture. The Chicago-based company reported annual sales of \$5.0 billion in 1996. FMC employs 22,000 people in 117 manufacturing facilities and mines in 28 countries. The company divided its business into four broad markets: industrial chemicals; performance chemicals; defense systems; and machine and equipment. Mr. Forbes has the responsibility for developing and implementing strategies for cost-effective remediation at orphan sites, supporting business units involved in remediation and providing overall site management for corporate remediation sites. FMC has participated in brownfields cleanup programs in several states working both to develop regulations and guidance as well as to conduct site investigations and cleanups.

Prior to joining FMC ten years ago, Mr. Forbes was the environmental engineering manager for the Clinton Corn Processing Company, a former division of Nabisco Brands Inc. He also worked as an environmental engineer with the state of Hawaii, Department of Health, Environmental Health Services Division, and two engineering firms. Mr. Forbes is a licensed professional engineer in the states of Pennsylvania, New York, and Hawaii and a diplomat for The American Academy of Environmental Engineers.

Mr. Forbes has a master of science degree in civil engineering from the University of Hawaii and a bachelor of science degree in environmental engineering from Brown University.

MR. STAN GIMONT

Mr. Gimont has been a financial analyst with the U.S. Department of Housing and Urban Development's (HUD) Section 108 loan guarantee program for almost five years. His portfolio of assignments includes a wide range of community and economic implementation of HUD's Economic Development Initiative (EDI) grant program since its inception in 1994. Mr. Gimont came to HUD in 1987 as a Presidential Management Intern and subsequently worked with HUD's state CDBG program staff. He holds master's degrees in public administration and real estate development.

ADDITIONAL PANELIST BIOGRAPHIES

MR. STEVE GOBELMAN

Mr. Gobelman has obtained a B.S. degree in geological engineering from the University of Missouri-Rolla and a M.S. degree in geological engineering from the University of Alaska-Fairbanks. He is a registered professional engineer in Illinois and Missouri and a registered professional geologist in Kentucky. Mr. Gobelman worked for the Illinois Environmental Protection Agency (IEPA) for eight years as a project manager in the Site Remediation Program managing both voluntary and state-funded cleanups. Mr. Gobelman's experience at IEPA included some of the first brownfields conducted in Illinois. He is currently employed by the Illinois Department of Transportation (IDOT) as a geologic and waste assessment specialist. Mr. Gobelman supervises the environmental investigations conducted along state highway right of ways and provides the districts with management options regarding any contaminated soils encountered.

Ms. Sharon Carr Harrington

Ms. Harrington is the director of the New Orleans Department of Sanitation. She formerly served as the director of the Office of Environmental Affairs and project manager of the New Orleans Brownfields Project. Prior to joining the Morial team, Ms. Harrington served as an attorney and community liaison director with the Louisiana office of the Sierra Club Legal Defense Fund, a public interest law firm specializing in environmental litigation. In this position, she assisted clients through litigation, couseling, and advocacy in all forms, using federal, state, and local anti-pollution and conservation laws. Ms. Harrington was a litigation attorney with a Washington, D.C. and New Orleans law firm. She received her bachelor's degree with honors from the University of Delaware and her law degree from Duke University. She has authored numerous articles on various environmental topics, and provided testimony on environmental regulatory matters before federal, state, and local legislative bodies. She is a member of the District of Columbia and Louisiana bars.

MR. TIMOTHY HAYES

Mr. Hayes serves as the director of sustainable development for Northampton County, Virginia and as the executive director of the county's Joint Industrial Development Authority. He holds a degree in environmental design from the University of Colorado - Boulder and is a member of the American Institute of Certified Planners. Mr. Hayes facilitated the creation and adoption of the Northampton County Sustainable Development Action Strategy and is now guiding its implementation, including the development of the Port of Cape Charles Sustainable Technologies Industrial Park.

MR. GREGORY E. KORSTAD

Mr. Korstad is a shareholder of Larkin, Hoffman, Daly & Lindgren, Ltd., and currently serves as the chair of the Land Use and Real Estate Law Group. He joined the firm in 1978 after serving eight years as Isanti County Attorney. Mr. Korstad's private law practice has followed along the lines of his public work in government regulatory areas, including waste management, environmental law, land use, property taxation, and local government law.

Mr. Korstad represents public and private clients on environmental issues including acquisition and development of environmentally sensitive properties, environmental compliance auditing and management, Superfund liability defense, air emissions compliance, and waste disposal issues. He also has handled corporate and individual environmental criminal defense in the electronics and construction industries. Mr. Korstad represents unique, regulated industries in permitting and compliance issues, such as solid waste facilities, aggregate production, processing and mining plants, feed lots, wind conversion facilities, and telecommunication towers.

Mr. Korstad is a member of the Board of Directors of the Twin West Chamber of Commerce, having just completed a second term as chair of its Government Affairs Committee. Mr. Korstad received his law degree from Drake University in 1976.

ADDITIONAL PANELIST BIOGRAPHIES

DR. JONATHAN L. MARKLEY

Dr. Markley is the regional environmental officer for the Austin and Denver regions (15 states) of the Economic Development Administration at the U.S. Department of Commerce. He is a senior staff member and responsible for environmental compliance for all programs in each region. He has over 20 years of experience in the field and holds a Ph.D. from the University of Texas at Austin in ecology. Over the years, he has developed and coordinated several brownfield and sustainable development projects for the agency.

Ms. Marie McCallum

Ms. McCallum is the legal support administrator for Ryan Companies US, Inc. (Ryan), a commercial real estate developer/contractor based in Minneapolis, Minnesota. She has been involved in the area of real estate development for over 25 years and has been with Ryan for 11 of those years. She is an active member of the Minnesota Division of Career Real Estate Women (CREW). She also served as associate member of the Hennepin County Bar Association, Real Property Section and as past chair of the Minnesota Association of Legal Assistants, Real Property Section. She holds a Minnesota real estate license and belongs to the Minneapolis Board of Realtors.

Ms. McCallum began her real estate career with Knutson Company when it was involved in redeveloping a section of downtown Minneapolis. After Knutson Company, she joined the law firm of Dorsey & Whitney in its Real Estate Department.

Ms. McCallum has been involved in all aspects of development, including land acquisition, subdivision, leasing, financing, and ultimately, the sale of property. Upon joining Ryan in 1986, she became heavily involved in the environmental part of real estate development to the point where it now involves 90 percent of her time with Ryan.

DR. MILDRED MCCLAIN

Dr. McClain is presently executive director of Citizens for Environmental Justice, Inc. (an organization that she founded which seeks to take environmental education and information to the African American and low-income communities); the Harambee House, Inc. (meaning "Let's Pull Together" in Kiswahili), a community center which focuses on political, socio-economic, and community empowerment; and the Southern Association of Black Educators, Inc., primarily geared to the uplifting of young people in the community.

Dr. McClain has had extensive work experience in a variety of environments as a teacher, administrator, and consultant. She has a reputation for integrity, dependability, and competent work. She has taught in various institutions for 17 years, and has worked as a human rights activist for 23 years. Her education includes an Ed. D degree from Harvard Graduate School of Education, a M.A. degree from Harvard Graduate School of Education, a M.A. degree from Antioch Graduate School of Education Administration, a B.A. degree from the University of Massachusetts, and teacher certification from Massachusetts and Georgia in secondary level English.

Dr. McClain's work experience has included: executive director of Hands Across America of Georgia, Georgia Citizens Coalition on Hunger, 1987 to 1989; project director of Georgia Citizens Coalition on Hunger, 1982 to 1987; project director of the Learning Resources Center, Morris Brown College, 1984 to 1985; project director, Florida Clearinghouse on Prisons and Jails, 1979 to 1978; senior consultant, Educational Enterprises, 1972 to 1987; and teacher, seventh and eighth grades, St. Joseph Elementary School, 1969 to 1971 and 1978 to 1979. Her volunteer work consisted of the executive director of Women Outside for Women Inside from 1979 to 1987 and a master teacher at The Learning Institute, 1979 to 1981.

In her lectures and speeches, Dr. McClain has presented papers and served as a keynote speaker at various local, regional, national, and international conferences on such topics as: education for blacks in development issues of incarcerated women; urban development empowerment of the poor; family building; critical issues facing black America; Third World development; racism; southern politics; Nicaragua and the Atlantic coast; black women leaders; the role of women in development; and youth advocacy and apartheid.

ADDITIONAL PANELIST BIOGRAPHIES

MR. JOHN M. MULLINS

Mr. Mullins has over 18 years of experience in organizational development and total quality and human resources management at the federal and local government levels. He has in-depth experience in leading executive-level teams, conducting inter-governmental reengineering efforts involving business and public interest groups and participating in government wide benchmarking activities. Recent accomplishments at the U.S. Environmental Protection Agency (EPA) include: principal author of the Customer Service Plan to the President, design team leader on the reinvention of the Office of Human Resources and Organizational Services, senior advisor to the reinvention team on Permits Improvement, and team leader for Team EPA.

Mr. Mullins has an undergraduate degree from the University of San Diego and a master's degree in public administration from San Diego State University.

Mr. DAVID A. MUNRO

Mr. Munro has been with the New York State Attorney General's Environmental Protection Bureau since 1983, during which time his practice has concentrated primarily on Superfund and hazardous waste litigation and policy development. He currently supervises all Superfund litigation handled in the Attorney General's Albany and Buffalo offices, and reviews all voluntary cleanup agreements in New York State which the Attorney General's office is a signatory. He co-authored an attorney general bill pending before the New York State Legislature entitled the Brownfields Reuse and Remediation Act. Mr. Munro also has been a clinical adjunct professor at Albany Law School since 1988.

MR. DEWITT M. PEART

Mr. Peart has a fifteen-year record of progressively responsible real estate development experience, including master planning, marketing and managing brownfield properties. He has developed and leased in excess of 3 million square feet of buildings converted for reuse in several industrial parks that were former heavy manufacturing plants. He also has served in leadership roles on various local economic development agencies whose missions included the promotion and financial assistance for the conversion and adaptive reuse of abandoned brownfield sites. Mr. Peart is the president-elect of the Western Pennsylvania Chapter of NAIOP.

MR. DAVE PETROVSKI

Mr. Petrovski has an M.A. degree in geology from Indiana University and has worked for the U.S. Environmental Protection Agency (EPA) in Region 5 since 1984. From 1984 until 1988, Mr. Petrovski was a permit writer for the disposal of PCBs under the Toxic Substances Control Act (TSCA). Since that time, he has been employed in the Resource Conservation and Recovery Act (RCRA) program as an environmental scientist, where he has worked on a variety of issues including the characterization and disposal of contaminated sediments. Mr. Petrovski has been involved with the dredging project at Indiana Harbor since 1985.

Ms. Jessica E. Rio

Ms. Rio has worked with the Chicago Brownfields Initiative for two and a half years. In her current position, Ms. Rio contributes to brownfields policy initiatives at the local and state levels and coordinates Chicago's U.S. Environmental Protection Agency (EPA) regional pilot grant. Ms. Rio joined Chicago's Initiative as a graduate student in urban planning and policy, staffing the working groups of the Chicago Brownfields Forum. She finds brownfields an excellent application of her interest in economic development and background in environmental studies.

ADDITIONAL PANELIST BIOGRAPHIES

MR. MICHAEL E. ROSEN

Mr. Rosen has worked for the Oregon Department of Environmental Quality for the last 10 years. For the last seven years, he has been a manager in the state's Voluntary Cleanup Program, a program which he helped develop. Currently his work focuses on issues related to site assessment, voluntary cleanup, brownfields, and environmental justice. Mr. Rosen served as the first chair of the Association of State and Territorial Solid Waste Management Official's (ASTSWMO) Voluntary Cleanup Task Force and over the last several years has initiated a variety of policy discussions between the states and the U.S. Environmental Protection Agency (EPA) on voluntary cleanup and brownfields. Mr. Rosen holds a Bachelor of Arts in chemistry and a doctorate in environmental science and engineering.

DR. JERALD L. SCHNOOR

Dr. Schnoor is the Foundation Distinguished Professor of Civil and Environmental Engineering and the co-director of the Center for Global and Regional Environmental Research at the University of Iowa. He is an environmental engineer who has been active in phytoremediation projects in the laboratory, greenhouse, and field for eight years. Together with Louis Licht, Joel Burken, and others, his research in phytoremediation has received national and international attention. With collaborators from the U.S. Environmental Protection Agency, they published the seminal feature article, "Phytoremediation of Organic and Nutrient Contaminants", in the July 1995 issue of *Environmental Science and Technology*. They have promoted phytoremediation at over 20 full-scale waste sites. Dr. Schnoor's research interests lie in the areas of surface water and groundwater quality modeling, exposure assessments, hazardous substances remediation, and global change. He has published the popular textbook *Environmental Modeling* (Wiley, 1996), authored over 100 research articles, and edited four other books.

Mr. Thomas M. Stolle

Mr. Stolle received his B.S. degree in business administration with a major in accounting in 1978 from Widener University in Chester, Pennsylvania.

He began his career at the U.S. Environmental Protection Agency (EPA) in 1982 as an auditor with the Office of the Inspector General with the responsibility for reviewing EPA's major environmental programs and financial management systems. From 1985 to 1987, he served as the EPA Region 3 budget officer with the responsibility for budget formulation and execution. From 1987 to 1988, Mr. Stolle was the financial management officer with the responsibility for the overall maintenance of the regional accounting system.

In 1989, Mr. Stolle had the responsibility for strategic planning and conducting internal reviews of the operating programs for the Hazardous Waste Management Division. Mr. Stolle has been the brownfields coordinator since 1995 with the responsibility for implementing the Agency's Brownfields Program in EPA Region 3.

MR. JIM WHITE

Mr. White is the senior project coordinator for the Minneapolis Community Development Agency (MCDA), the housing and economic development area of the city of Minneapolis, Minnesota. Mr. White brings 20 years of experience in inner city redevelopment to his current position which focuses on commercial and business development in Minneapolis. He has been active in brownfield redevelopment with the MCDA since the late 1970's, when his agency began actively redeveloping sites that contained pollution. He has lobbied passage of legislation which makes brownfields sites easier to acquire and clean up, and has been involved in numerous successful inner city redevelopment efforts. The neighborhood association he chaired won the U.S. Department of Housing and Urban Development's award as the top urban renewal project in the nation. He has held elective office, and is currently a member of a municipal and a regional parks and open space board. Mr. White holds a bachelor of arts degree from St. Thomas University in St. Paul, Minnesota.

ADDITIONAL PANELIST BIOGRAPHIES

MR. ALAN C. WILLIAMS

Mr. Williams is the lead attorney in the Minnesota Attorney General's Office for the Superfund, Landfill Cleanup, and Voluntary Investigation and Cleanup Programs administered by the Minnesota Pollution Control Agency. In this capacity, he provides advice on legal policy and on specific cases, and assists in developing new legislation related to cleanup programs. Mr. Williams drafted the Minnesota Land Recycling Act of 1992 that codified many of Minnesota's liability assurances available to those doing voluntary cleanups in Minnesota. He recently represented Minnesota in negotiating the first complex three-party Prospective Purchaser Agreement (EPA-state-municipality) to facilitate the redevelopment of a major state and federal Superfund site. He is a member of the National Association of Attorneys General CERCLA Reauthorization Workgroup, and has testified on Congressional reauthorization of the federal Superfund law.