

John T. Wilson

Scissor Environmental Solutions, LLC., Ada, Oklahoma

History, Evolution & Context of the Federal Superfund Program

- Societal context of the creation of the Federal Superfund Program
- The regulatory process created to implement the Federal Superfund Program
- Evolution of the program as sites moved through the regulatory process
- Accomplishments and future directions for the Federal Superfund Program

Bio

John Wilson worked 35 years at essentially the same job for U.S. EPA. He was originally hired to convince hydrologists that there were bacteria in aquifers, and that they could metabolize organic contaminants and affect ground water quality. He found that they were there, and that they were busy. The bacteria could be used to clean up ground water, or manage the risk associated with organic contaminants. With the advent of the Federal Superfund Program, he moved into bioremediation and natural attenuation. Over the years, John has worked with a number of ground water professionals in Minnesota, including Bill Newman with Remediation and Natural Attenuation Services, Inc., Kelton Barr now with Braun Intertec Corporation, and Mark Ferrey and Mark Toso with the Minnesota Pollution Control Agency.

Education

Ph.D. (microbiology), Cornell University, 1978

M.A. (microbiology), University of California at Berkeley, 1971

B.A. (biology), Baylor University, 1969

Experience

2014-present, Scissortail Environmental Solutions, LLC. (principal scientist)

1979-2014, U.S. Environmental Protection Agency (microbiologist)

1978-1979, Cornell University (post-doctoral associate)

Affiliation

National Ground Water Association (NGWA)

**Michael Kanner, Petroleum Remediation and Redevelopment
Manager, MN Pollution Control Agency**

*The Birth of Minnesota Superfund:
Legislative Context and Stories from the Trenches.*

Outline of Presentation

- MN's mini-Love Canals.
- Legislative Interest.
- Public hearings.
- Superfund program implementation.

Experience

- Strike Force project manager.
- Strike Force supervisor.
- Superfund supervisor.
- Superfund, Rcra and Brownfields Programs manager.
- Tanks Program, Petro Remediation and Redevelopment, and ER manager.
- Closed Landfill Program manager.

Education

- B.A. Geography, University of Wyoming.
- M.S. Ecology, University of Minnesota.

Stephen Lee

Manager, Closed Landfill & Emergency Response Section, MPCA

Stories of the calls, characters, and commotion at the birth of the State Superfund program

Bio

Taught school 3 years. A great job, except for the kids

At MPCA since 1978- water enforcement, superfund, hazardous waste, household hazardous waste, petroleum leak cleanup, spills, emergency response, emergency preparedness, brownfields, NRDA, and closed landfill programs.

Cathy Villas-Horns PG
Minnesota Department of Agriculture (MDA)

Superfund and its Relationship to Other Cleanup Programs

- What other programs were created and added to the MN Superfund program?

Education:

- M.S. – Geology, University of Delaware, 1984
- B.A. – Geology, Carleton College, 1981

Experience:

- 2006 to present: Hydrologist Supervisor/Hydrologist 4 Supervisor, MDA Incident Response
- 1993 to 2006: Senior Hydrogeologist, MDA's Incident Response Program
- 1990 to 1993: Senior Hydrogeologist, MPCA's Superfund Program
- 1990: Hydrogeologist, Foth & Van Dyke, Inc.
- 1989 to 1990: Hydrogeologist, HDR Engineering, Inc.
- 1987 to 1989: Hydrogeologist, MPCA's Solid Waste Program
- 1984 to 1987: Groundwater Geologist, Bruce A. Liesch Associates, Inc.

Affiliations:

- National Ground Water Association
- Minnesota Ground Water Association
 - Ground Water Education Committee
- Minnesota Ground Water Association Foundation Board
 - Scholarship Committee

Sandeep R Burman
Minnesota Pollution Control Agency

Balance Sheet and Portfolio:

Accomplishments, Statistics, and Track Record

A brief analysis of the present and historical caseload of the 'Superfund' family of Programs at the Minnesota Pollution Control Agency.

Superfund Evolution: New Issues, Challenges, and Approaches

An overview of emerging, and some re-emerging, environmental and public health related issues for the Superfund Programs at the Minnesota Pollution Control Agency and how the Agency is preparing for these.

Bio

Sandeep Burman is the Manager of the Site Remediation & Redevelopment Section of the MPCA's Remediation Division. Created in 2013, this Section re-united all of the MPCA's hazardous substance and hazardous waste cleanup programs under one roof, with the goal of operating these in an integrated and streamlined fashion. These include the Federal and State Superfund, Voluntary Investigation & Cleanup, Site Assessment, and Resource Conservation and Recovery Act Corrective Action programs. Prior to his current position, Sandeep supervised units in the Superfund Program and in the Petroleum Remediation Programs of the MPCA, and has been an Agency employee since 1994. He has a MS in Hydrogeology from the University of Minnesota, Twin Cities.

Allan Gebhard Barr Engineering Co.

Industry Sector Perspective – Consultant to Responsible Parties

A short history of groundwater remedial actions at National Priority List Superfund sites in Minnesota, early 1980s to present. What consultants and responsible parties were trying to accomplish and what was accomplished.

Comments on the evolution of regulatory beliefs, cleanup requirements and technologies applicable to groundwater remedies at large complex sites in Minnesota and what that could mean for the future.

20 minutes +/- 5 minutes

- Education:
 - Bachelor of Engineering, Univ. of MN 1965;
 - Masters in Civil Engineering, Univ. of MN 1967
- Experience
 - Barr Engineering since 1966
 - project engineer (1966-1972),
 - principal (1972 – present),
 - CEO (1985 – 1999),
 - now senior VP.
 - Led much of Barr's early Superfund and landfill work – still working on sites that began in early 1980s.
- Affiliations: ASCE

Paul Hyde Hyde Development

Case Studies of Superfund Site Redevelopments: lessons learned, and risks ahead

Paul Hyde co-founded Hyde Development in 2012 with his father Mac to redevelop brownfield sites into new, sustainable, quality buildings.

Prior to launching Hyde Development, Paul co-founded Real Estate Recycling with Mac Hyde in 1995 to develop contaminated property. Paul led the development efforts in Minnesota and has developed over 1.3 million square feet of new industrial buildings to date and winning 7 NAIOP Awards of Excellence and 7 Business Journal Best in Real Estate Awards.

Paul is responsible for leading Hyde Development's development projects including the redevelopment of the former BAE site in Fridley into a 1.6 million sf business park, the 4th Federal and State Superfund Site developed by Hyde.

- Education: LL.M. Boston University School of Law (1994); JD Northeastern University School of Law (1992); BA Connecticut College (1988)

Paul Hyde
Hyde Development
1350 Lagoon
#920
Minneapolis MN 55408

www.hyde-development.com

James A. Payne
The Environmental Law Group (attorney)

Industry Sector Perspective – Attorney for Responsible Parties

- The legal novelties of the Superfund laws and the reasons for them
- Were they justified and did they work?
- Comments on the evolution of approaches to Superfund sites
- Non-adversarial approaches to remedy selection at complex Superfund sites.

- Education:
 - A.B., Dartmouth College, 1968;
 - J.D., University of Minnesota Law School, 1975.

- Experience:
 - 38 years in the private practice of law, 30 of them devoted exclusively to environmental law.

Environmental Law Group, Ltd.: 2000 – present
Oppenheimer, Wolff & Donnelly, 1997 – 2000
Popham, Haik, Schnobrich & Kaufman: 1984 -1997
Pepin, Dayton, Herman, Graham & Getts: 1976 -1984

 - Representation of large corporations, small businesses, public institutions, major national environmental organizations, and local citizen groups in most areas of environmental law.

 - Participation in the drafting and amendment of the Minnesota Superfund statute and in the first major Superfund cases in Minnesota.

 - Continuing involvement in various Superfund cases.

- Affiliations:
 - American Bar Association, Section on Energy, Environmental and Resources Law
 - Minnesota State Bar Association, Environment and Natural Resources Law Section

Jim Lundy

Minnesota Department of Health (MDH), Source Water Protection Program

Presentation: “Evolutionary History of Minnesota Environmental Consulting Firms” (jointly presented with Cathy Villas-Horns)

- An account, somewhat factual, of the growth and diversification of Minnesota environmental consulting in response to changing regulatory forces
- Approximately 10-15 minutes

Education

M.S. (structural geology), University of Minnesota-Minneapolis, 1985

B.A. (geology, geography), Gustavus Adolphus College, 1981

Experience

2004-present, Minnesota Department of Health, hydrologist

1989-2004, Minnesota Pollution Control Agency, hydrologist

1987-1989, ENSR Consulting & Engineering, geologist

1986, Minnesota Pollution Control Agency, pollution control specialist

Affiliations

Minnesota Ground Water Association

National Ground Water Association

Professional Geologist, Minnesota

Anne Morris

Minnesota Pollution Control Agency

Prioritizing Closed Sites for Re-assessment

- Introduction to GIS as a modeling tool
- Addressing the process and limitations
- Scope of two projects that evaluate closed sites for vapor intrusion risk and drinking water risk
- Brief summary of next steps

Education

Masters in GIS, University of MN, 2008

B.A. Environmental Studies & Geography, University of St Thomas, 2003

Experience

Feb. 2014 to present, GIS Analyst at MN PCA

2007-2014, Production Group Manager, Historical Information Gatherers

2003-2007, Agriculture Programs Assistant, Izaak Walton League of America

Nelson T. French, Great Lakes-Lake Superior Supervisor, Minnesota Pollution Control Agency (MPCA)

Superfund's Role in Great Lakes Restoration: The St. Louis River Area of Concern Project

Nelson T. French is the Great Lakes-Lake Superior Supervisor for the Minnesota Pollution Control Agency (MPCA) where he is working with others to protect Lake Superior, with a focus on remediation, restoration and removal of beneficial use impairments in the St. Louis River Area of Concern. He joined the agency in this capacity on March 28, 2011. Nelson had prior experience with the MPCA when he served for five years as Legislative Affairs Director in the Commissioner's office.

Before his recent return to state government he was the executive director of the Kinnickinnic River Land Trust in western Wisconsin – fondly known in Wisconsin as “the other Kinni”. During his 3.5 year tenure with KRLT he was successful in raising over \$6 million for the “*Protect the Kinni*” capital campaign to protect 1,000 acres of critically important lands, revising the strategic plan to prioritize conservation sites and moving the organization to a watershed focus, revamping the organizations’ accounting system and obtaining national accreditation – the first in Wisconsin - from the Land Trust Accreditation Commission.

Over Nelson's career he has served as Executive Director of Friends of the Minnesota Valley, State Director/Vice President Minnesota Operations at The Nature Conservancy, and as Executive Director of Project Environment Foundation - the organization now known as the Minnesota Center for Environmental Advocacy. In these positions he has increased public awareness of watershed issues, acquired critical land for parks and habitat, created many public and private partnerships, and successfully championed acquisition of private and public funds to achieve conservation goals and outcomes.

Nelson is married to Marilyn H. French and their son Andy N. French lives in Baltimore where is attending graduate school in Environmental Policy at Johns Hopkins University. Nelson lives in Silver Bay, MN where he enjoys the great outdoors and the North Country. Nelson is an avid Bob Dylan fan having attended 55 live performances over the years.

**Mike Bares, Hydrogeologist/Technical analyst
Minnesota Pollution Control Agency**

*Superfund's Role in Great Lakes Restoration:
The St. Louis River Area of Concern Project*

- Sediment characterization throughout the Area of Concern
- Database development & Data analysis
- Identification of remedial lead sites
- Planning & implementing large Superfund sediment remedies

BS in Geology and Biology from Bemidji State University

Worked in MPCA Remediation Programs for the past 27 years (petroleum remediation and superfund programs)

Work has focused on investigation and cleanup of contaminated aquatic sediments in the Duluth area since 1999