

# **SEDIMENT MANAGEMENT WORK GROUP UPDATE**

**RTDF Sediment Remediation Action Team Meeting and  
Workshop on In Situ Treatment Technologies for  
Contaminated Sediments**

**Baltimore, February 18-19, 2004**

**Presented by:  
Nancy R. Grosso**

**DuPont Corporate Remediation Group/ Co-Chair RTDF Sediment Remediation Action Team**

# REMOVAL AS PRESUMPTIVE REMEDY?

- Industry is not opposed to dredging, but believes that an objective assessment will demonstrate that disturbance and resuspension associated with dredging severely limit the ability to achieve risk-based target cleanup levels

# SMWG BACKGROUND

- SMWG formation - May 1998
- Coordinated approach by parties responsible for developing/implementing contaminated sediment management strategies

Current membership:

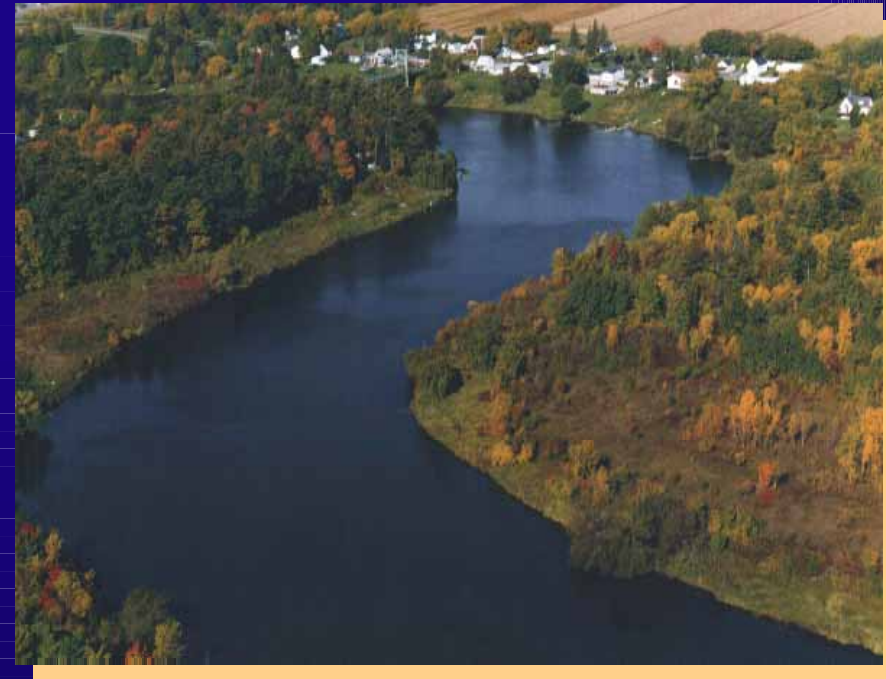
- 41 Members
- 22 Sponsors

Steven C. Nadeau, Coordinating Director



# SMWG MISSION AND OBJECTIVES

- *Our Mission ...* To advance risk-based, scientifically sound approaches for evaluation of sediment management decisions
- *Our Objectives ...* To collect, develop, analyze, and share data and information on the effectiveness of sediment management technologies and approaches



# SMWVG INITIATIVES - HISTORICAL

- Foundation of the SMWVG:
  - Nine Technical Papers - Key Technical Sediment Management Issues (1999)
    - Assessment and Modeling
    - Natural Processes and Sediment Stability
    - Remedy Selection and Remediation
    - Comprehensive Interactive Decision Tree
  - The SMWVG's web site has copies of all of the papers [[www.smwvg.org](http://www.smwvg.org)]

# SMWVG INITIATIVES - HISTORICAL

- Development of a Risk-Based Sediment Management Methodology
  - Education/dissemination of the paradigm: a risk-based methodology
- Sponsored Platform Sessions
  - SETAC - November 1999
  - AEHS/UMass - October 2000
- Numerous presentations at national conferences and discussion groups

# SMWVG INITIATIVES - HISTORICAL

- Co-sponsor of two sediment workshops:
  - Sediment Stability Workshop, New Orleans, LA (U.S. EPA, USACE, U.S. Navy, S/SW HSRC, SMWVG) - January 2002
  - Stability of Chemicals in Sediments Workshop, San Diego, CA (U.S. EPA, USACE, U.S. Navy, NOAA, USGS, ACC and SMWVG) - April 8-10, 2003

# SMWVG INITIATIVES - HISTORICAL

- Technical Advocacy - National Policy
  - Technical exchange and dialogue with U.S. EPA HQ, OERR Sediments Team
  - Submittal of Technical Information, including:
    - The nine SMWVG sponsored technical papers
    - State of the practice - dredging effectiveness
    - Natural recovery processes
    - Sediment Stability
  - Comments and dialogue on:
    - The SMWVG's Risk-Based Decision-Making Framework
    - U.S. EPA's Draft 13 (now 11) EPA Sediment Management Principles
    - U.S. EPA (Second Edition) National Sediments Inventory
    - U.S. EPA Contaminated Sediments Science Plan



A photograph of a large iceberg floating in the ocean. The visible tip of the iceberg is small and jagged, while the much larger, submerged part is visible below the water line. The sky is blue with light clouds, and the water is a deep blue. The text is overlaid on the submerged part of the iceberg.

**DETAILS ON  
CURRENT SMWG  
INITIATIVES**

# SMWG INITIATIVES - CURRENT

- Continued efforts to gain acceptance of the SMWG Risk-Based Framework
- Comments and continued dialogue on U.S. EPA's draft Contaminated Sediment Remediation Guidance (final due out Spring, 2004)

# SMWG INITIATIVES - CURRENT

- Support efforts to develop a methodology for evaluating Monitored Natural Recovery (currently a key RTDF initiative)
- Develop a methodology for evaluating sediment stability and dialogue on its regulatory acceptance
- Support regulatory acceptance of MNR and capping
- Continue the active dialogue on and education regarding a risk-based program for sediment management

# SMWG INITIATIVES - CURRENT

- Develop a Comparative Net Risk Reduction Methodology and dialogue on its regulatory acceptance
- Advocate expansion of the role of U.S. EPA's CSTAG to include early review of evaluation and remedy selection decisions consistent with HQ scientific policy
- Dialogue with the International Joint Commission on adopting the SMWG Framework for Great Lakes Sediment Sites

# ANNOUNCING

- Conference on

## Addressing Uncertainty and Managing Risk at Contaminated Sediment Sites

(October 26-28, 2004, St. Louis, Missouri)

Jointly sponsored by SMWG, U.S. EPA, U.S. ACE (WES),  
U.S. Navy, S/SW HSRC and NOAA

# For Further Info ...

- **Contact the SMWG Coordinating Director:**

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– Visit the SMWG website: [www.smwg.org](http://www.smwg.org)