



3rd Annual DEAWRA SYMPOSIUM

November 19, 2013

St. Jones Reserve

Dover, Delaware

Delaware Section of the American Water Resources Association presents:

Nutrient Neverland!

The Conundrum of Improving Water Quality and the Funding to Make it Happen

9:00 DEAWRA WELCOME

Jim Eisenhardt, Senior Manager, RK&K and DEAWRA President

9:15 THE URBAN CONNECTION: NPDES AND STORMWATER IN THE STATE OF DELAWARE

Sandra Goodrow, Environmental Scientist IV, Division of Water, DNREC

10:00 BREAK/STUDENT POSTER SESSION

10:15 EDUCATION AND OUTREACH – IN DELAWARE AND ITS ROLE IN THE NPDES PERMITS

Moderator: Rick Mickowski, Conservation Planner/Public Education Coordinator, New Castle Conservation District and DEAWRA Board of Directors

STRATEGIES FOR MEETING THE NPDES EDUCATION AND OUTREACH REQUIREMENTS

Marianne Walch, Environmental Scientist, DeDOT

INITIATIVES AND PROGRAMS IN THE STATE/OPPORTUNITIES TO MEET PERMIT REQUIREMENTS

- **CHILDREN IN NATURE**

Dan Ashe, Program Coordinator, Delaware Children in Nature Coalition

- **NPS EDUCATION TO INSPIRATION**

Lisa Wool, Program Director, Partnership for the Delaware Estuary

- **RAIN GARDENS: TAKING THE STORMWATER MESSAGE HOME**

Sally Boswell, Education and Outreach Coordinator, Center for the Inland Bays

- **DELAWARE NEMO: LINKING LAND USE AND WATER QUALITY FOR LOCAL DECISIONS MAKERS**

Joe Farrell, Resource Management Specialist, Delaware Sea Grant Program, University of Delaware

12:00 LUNCH/POSTER SESSION

1:00 WELCOME FROM THE OFFICE OF THE SECRETARY – SECRETARY COLLIN O’MARA, DNREC

1:30 FUNDING – IN DELAWARE AND ITS ROLE IN THE NPDES PERMITS

Moderator: Martha Narvaez, Associate Policy Scientist, Water Resources Agency, University of Delaware and DEAWRA Board of Directors

THE NPDES PROGRAM: FUNDING SHORTFALLS AND OBSTACLES

Jane McDonough, Brown and Caldwell

POTENTIAL FUNDING OPPORTUNITIES AND RESOURCES IN DELAWARE

- **WATER INFRASTRUCTURE ADVISORY COUNCIL: CLEAN WATER SRF LOAN PROGRAM AND SURFACE WATER PLANNING GRANTS**
Bruce Jones, Vice President and Chief Engineer, Pennoni Associates
- **DELAWARE’S VOLUME-BASED OFFSET PROGRAM FOR MEETING SWM REQUIREMENTS**
Randy Greer, Sediment and Stormwater Program, DNREC
- **ECONOMICS AND WATER QUALITY MODELING**
Jerry Kauffman, Director, Water Resources Agency, University of Delaware

2:45 MS4/NPDES OPEN DISCUSSION

Moderator: Jim Eisenhardt, Senior Manager, RK&K and DEAWRA President

3:30 WRAP-UP