

**COUNTY WASTEWATER MANAGEMENT PLAN  
BUILD-OUT ANALYSIS  
TECHNICAL WORKSHOP  
FOR NEW JERSEY COUNTY WMP ENTITIES**

**January 14, 2009, 9:30 AM – 12:30 PM**

**Somerset County Administration Building – Human Resources Training  
Room, Third Floor**

**AGENDA**

**9:30 AM**      **Welcome & Introductions:** Robert Bzik, PP, AICP, Director of Planning

**9:35**            **Purpose of Performing Build-out and How Results will be Utilized:** Lawrence J. Baier, Director, NJDEP, Division of Watershed Management

**9:45**            **Overview of DEP Model Builder Tool:** H. David Dumont, GIS Specialist, NJDEP, Office of Planning and Sustainable Communities (or other representative from NJDEP's Modeling Team)

- Zoning-Based Future Sanitary Sewer Flows versus Treatment Plant Capacity
- Zoning-Based Future Septic Systems versus Nitrate Analysis Based HUC 11 Septic Yield
- Zoning-Based Future Water Demand for HUCs and Purveyor Areas

**10:00**           **Recent Model Enhancements:** H. David Dumont, GIS Specialist, NJDEP, Office of Planning and Sustainable Communities (or other representative from NJDEP's Modeling Team)

- Minimum Lot Size and Undersized Lot Adjustments
- Revised Nitration Dilution Analysis
- Addition of Water Demand Calculation Sub-Routine

**10:15**           **Key GIS Data Layers:** Laurette Kratina, PP, AICP, Somerset County Planning Board

- Vacant/Potentially Developable Land
- Zoning
- Open Space, Farms and Environmental Constraints

**10:45**           **Proposed Future SSAs:** Lawrence J. Baier, Director, NJDEP, Division of Watershed Management

- How DEP's Draft Modified Future SSA Boundaries were Created and Why
- County & Municipal Steps for Refining SSAs
- Resolving SSA Issues

**11:15**           **Model Builder Demonstration Walk-through:** H. David Dumont

- Model Builder Sequence of Steps
- Methods for Addressing Redevelopment, Approved Projects and Parcels Served by Septics within SSAs, and other “On and/or Off Model Adjustments”
- Sample Pivot Table Model Output Results
- Using Model Output to complete NJDEP’s WMP Template

**12:15**

**Q & A/Wrap-up**