



Rhode Island Wastewater Re-use Engineering Services

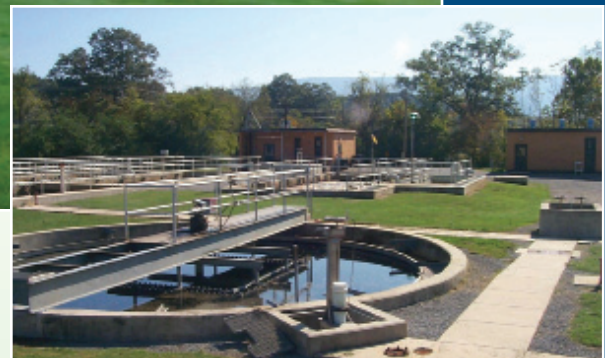
Rhode Island Department of Environmental Management (RI DEM)

Under funding from the US Environmental Protection Agency (EPA) for the American Recovery and Reinvestment Act (ARRA), Horsley Witten Group, Inc. (HW) and project partner, Hazen and Sawyer (HS) have been contracted by RI DEM to perform a statewide analysis to identify wastewater re-use opportunities throughout the state of Rhode Island. The project will include feasibility studies and designs for potentially viable re-use sites, considering the site's technical, environmental, and cost effectiveness.

HW/HS will identify viable opportunities that qualify as "green infrastructure" pursuant to EPA guidance. Proposed green infrastructure facilities will support sound water management within watersheds by reducing the use of potable water for non-potable water purposes, such as commercial, industrial, and agricultural uses.

Project objectives include the completion of:

- A statewide analysis, using geographic information system (GIS) data and other data to identify potential sites for wastewater re-use facilities;
- Feasibility studies for all potential wastewater re-use sites in order to select the most economically viable option with the most optimal re-use opportunities and resulting environmental benefits;
- Site-specific evaluations for engineering feasibility and cost-effectiveness; and
- Conceptual design plans for the selected sites.



www.horsleywitten.com

- Civil & Environmental Engineering
- Wetlands Management
- Coastal Management
- Hydrogeology & Water Supply
- Stormwater Management
- Wastewater Management
- Site Assessment & Remediation
- Land Use Planning
- Education & Outreach



Sandwich, MA

90 Route 6A
Sandwich, MA 02563
tel: 508-833-6600

Newburyport, MA

30 Green Street
Newburyport, MA 01950
tel: 978-499-0601

Providence, RI

370 Ives Street
Providence, RI 02906
tel: 401-272-1717

Client: Susan Kiernan, RI DEM
401-222-4700 x 7600

HW Contact:
Rich Claytor, P.E.