

RESOURCES FOR NEW SOLUTIONS FOR COMMUNITY WASTEWATER TREATMENT

SUFFOLK COUNTY

Suffolk County Comprehensive Water Resources Management Plan

<http://www.suffolkcountyny.gov/departments/healthservices/environmentalquality/CWRMPSC.aspx>

Current Suffolk County Innovative/Alternative Wastewater Treatment study

http://www.suffolkcountyny.gov/upload/healthservices/deq_SCDHSOSDStudyOverview.pdf

http://www.suffolkcountyny.gov/upload/healthservices/deq_SCDHSOSDSTechnologyAssessmentSummary.pdf

http://www.suffolkcountyny.gov/upload/healthservices/deq_SCDHSOSDS-Task2.pdf

OTHER

<http://www.uri.edu/ce/wq/OWT/Research/index.htm>

The Water Environment Research Foundation (WERF) and its partners on the Decentralized Water Resources Collaborative (DWRC) new decentralized related research products

www.decentralizedwater.org. and www.werf.org/decentralized

Products published since July are noted below:

NDWRCDP Summary Research and Outreach Materials

- International Issues and Innovations in Integrated and Decentralized Water Resource Infrastructure
 - Performance and Costs for Decentralized Unit Processes
 - Long-term Study on Landscape Irrigation Using Household Graywater – Experimental Study (Phase 2)
 - Non-Governmental Organizations: Enhancing Their Role in Advancing the New Water Infrastructure Paradigm
 - Integration: A New Framework and Strategy for Water Management in Cities and Towns
 - Performance Dynamics of Trace Organic Chemicals in Onsite Treatment Units and Systems
 - Development of Design Criteria for Denitrifying Treatment Wetlands
 - Nitrogen Removal and Sustainability of Vertical Flow Constructed Wetlands for Small-Scale Wastewater Treatment: Recommendations for Improvements
 - Improving the Efficacy of Wastewater Polishing Reed Beds
 - Decentralized Stormwater Techniques: Training and Dissemination
 - When to Consider Distributed Systems in an Urban and Suburban Context
 - Evaluation of the Potential for Methane Greenhouse Gas (GHG)
 - Emissions from Septic Systems
 - “Performance and Cost of Decentralized Unit Processes”.
- Information provided by Kristina Heinemann

CASE STUDIES AND EXAMPLES

Chesapeake Bay RSF -

www.mde.state.md.us/programs/Water/BayRestorationFund/OnsiteDisposalSystems/Pages/Water/cbwrf/osds/brf_bat.aspx

1. Guidance for Federal Land Management in the Chesapeake Bay Watershed Decentralized Wastewater Treatment Systems
http://www.epa.gov/owow_keep/NPS/chesbay502/onsite.html
2. Cluster Wastewater management Planning Manual
<http://www.lombardoassociates.com/publications-download.php>
3. Water Environment Research Foundation Documents
http://www.werf.org/AM/Template.cfm?Section=Decentralized_Systems&Template=/CM/ContentDisplay.cfm&ContentID=15493

Omega Center for Sustainable Living, upstate NY: <http://www.eomega.org/omega/about/ocsl/>

Catskills Watershed Corporation – <http://www.cwconline.org>.

Old Saybrook, CT – <http://www.oswpca.org>.

Westchester County Septic Sub-Committee -

http://www.westchesterlegislators.com/Committees/2010_2011Term/SubComm_Septic/September23_2010AGENDA.pdf

NOWRA - <http://www.nowra.org/index.html>

Center for the Restoration of Waters at Ocean Arks International: <http://Oceanarks.org>

<http://Cleanproduction.org>: Advocates cleaner processes to prevent pollution and reduce use of toxins, including agriculture

EPA National Decentralized Demonstration Projects -

http://cfpub.epa.gov/owm/septic/septic.cfm?page_id=279#reports.

EPA Onsite Systems - <http://cfpub.epa.gov/owm/septic/index.cfm#systems>.

EPA CWNS - Main page for CWNS where you can select reports for any State comparing 2004 to 2008 and see many other links to relevant data.

<http://water.epa.gov/scitech/datait/databases/cwns/index.cfm>.

EPA CWNS – PPT for 2004, 2008, 2012. Multiple PPT Presentations to choose from for 2012 Reporting. <http://water.epa.gov/scitech/datait/databases/cwns/plan.cfm>.

EPA Small Communities - http://water.epa.gov/type/watersheds/wastewater/smcomm_index.cfm.

<http://yosemite.epa.gov/water/owrccatalog.nsf/9da204a4b4406ef885256ae0007a79c7/8af11c2afd060a1c85256b0600723f0e!OpenDocument>

EPA Handbook for Managing Onsite and Clustered Wastewater Treatment Systems:

<http://yosemite.epa.gov/water/owrccatalog.nsf/e673c95b11602f2385256ae1007279fe/57982a28f4cb44eb852570f400564073!OpenDocument>

EPA software for evaluating pollution:

<http://www.epa.gov/oppt/greenengineering/pubs/software.html>

International Ecological Engineering Society: www.iees.ch

Zero Emission Research Institute: www.zeri.org

Presenter organization websites and relevant articles:

www.chaleffandrogers.com

www.clarkpc.com

www.dec.ny.gov

www.livingmachines.com

www.lombardoassociates.com

www.orengo.com/corporate/

Article:

http://www.orengo.com/systems/Effluent_sustainably_accommodate_growing_communities.pdf

www.peconicbaykeeper.org

www.rcapsolutions.org

www.studioabarchitects.com

<http://www.co.suffolk.ny.us/departments/healthservices/environmentalquality/wastewater.aspx>