

Minnesota Association of Professional Soil Scientists

4915 East Superior Street, Suite 100
Duluth, Minnesota 55804-2452
(218) 525-5322 • Fax (218) 525-6472
E-Mail: mnsoils@aol.com

SSTS Continuing Education Soils Training

**“Real Soils Training by
Real Soil Scientists”**

**July 16, 2010
7:30 am - 5:00 pm**

**The Edgewater Resort &
Conference Center**

2400 London Road
Duluth, MN

Soils are the critical component of waste water treatment and dispersal for subsurface sewage treatment systems (SSTS). Design and evaluation of treatment systems that actually work require a sophisticated understanding of soil physical, chemical, and morphological features. Join our team of professional soil scientists for both classroom and field soils training. Our training includes information on geomorphology, landscapes, soil features related to design and evaluation, new SSTS rules, and problem soils. The afternoon session includes practical field experience for soil identification as related to critical SSTS design and evaluation solutions.

Continuing Education Credits: 6.0

Lunch will be served at the Edgewater Conference Center. The cost of lunch is included in the registration. Coffee will be available during the morning sessions and during the afternoon breaks. Bring appropriate field apparel and Munsell color book.

Topics & Speakers

Introduction

James C. Balogh, Ph.D., PSS,
SSTS Adv. Designer / Inspector

Geomorphology of Red Till Soils on the North Shore

Howard Hobbs, Geologist
Minnesota Geological Survey

How to Use Web Soil Surveys for Preliminary SSTS Site Evaluation

Roger Risley
USDA NRCS Soil Scientist

Soils and Landscapes – Making Informed Choices for Design and Inspection

James C. Balogh, Ph.D., PSS,
SSTS Adv. Designer / Inspector

Problems in Red Till Soils

James C. Balogh, Ph.D., PSS
Roger Risley, NRCS Soil Scientist

Practical Field Experience: Field descriptions and discussion of soil morphology as related to SSTS design and evaluation

James Balogh, Roger Risley, Larrisa
Schmidt, Mark Wespetal, Susanne
D’Souza, Robert Whitmyer, Scott
Smith, Jeffrey Kroll

Group Discussion of Soils and Design Solutions

**Certificates of Attendance
available at the end of the
workshop and sent to MPCA**

Registration Form

Complete and mail this form

Please register by July 1, 2010.

Registration limited to 55 participants.

Thank you.

Name: _____

Address: _____

City: _____

State: _____

Zipcode: _____

Telephone: _____

e:mail: _____

Workshop fee \$ 135.00 _____

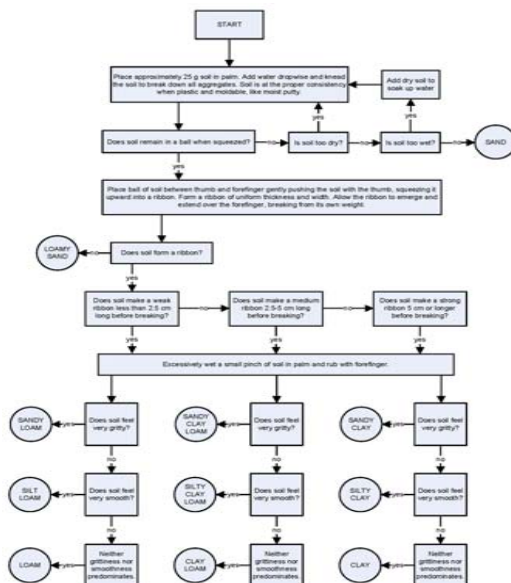
Total Enclosed: _____

**Make checks payable to
MAPSS and send it, along
with a completed registration
form to:**

**MAPSS SSTS Workshop
c/o Spectrum Research, Inc.
4915 E. Superior St., Suite 100
Duluth, MN 55804**

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Subsurface Sewage Treatment Systems

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