

VIDEO 12: SSTS RESOURCES FOR LOCAL PROGRAM ADMINISTRATORS -- MPCA SSTS ADMINISTRATIVE TRAINING

Nick Haig
and
Barb McCarthy

2013

Introduction

Basic Administrative Information; Talk 12 of 13

Presenters: Nick Haig and Barb McCarthy

General Topic – Resources for Local SSTS Program
Administrators

Learning Outcomes

- Obtain a general understanding of sources of information on the web at the state and national pertaining to septic systems.

Introduction

There are many resources available to assist local program administrators with their SSTS Program management responsibilities:

- MPCA Staff, SSTS Program Website, and SSTS Search Tool
- University of Minnesota's Onsite Sewage Treatment Program
- Minnesota Onsite Wastewater Association
- US Environmental Protection Agency
- National Environmental Services Center
- Additional organizations and associations
- Other local SSTS Programs

RESOURCES FOR SSTS ADMINISTRATORS

MPCA SSTS Staff



SSTS Program Management

Lisa Thorvig – *Municipal Division Director*

- Jim Ziegler – *SSTS Section Manager*
 - Gene Soderbeck – *SSTS Policy and Rules Supervisor*
 - Ron Swenson – *SSTS Enforcement (Field Staff) Supervisor*
 - Charlie Thompson- *Certification and Training Supervisor*

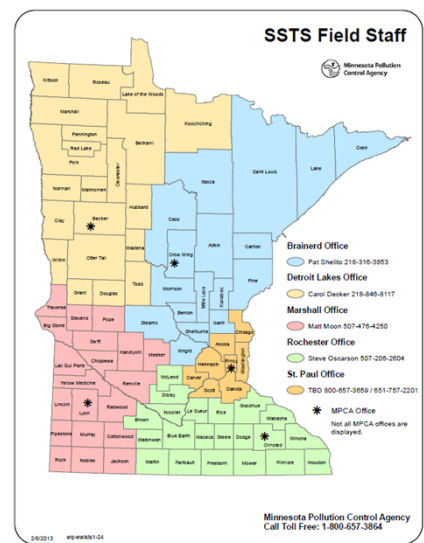


Minnesota Pollution Control Agency

Field Staff

Ron Swenson- *Supervisor*

- Pat Shelito - *Brainerd*
- Matt Moon - *Marshall*
- Carol Decker – *Detroit Lakes*
- Steve Oscarson – *Rochester*
- Vacant - *Metro*



Who to call

Minnesota's Subsurface Sewage Treatment ...

Homeowner Information

SSTS Search

Septic System Tank Installation Fee

Businesses with SSTS, Class V, Small Communities and Cluster Systems

SSTS Reports, Legislation, Research and Enforcement Action

SSTS financial assistance

SSTS Technical Advisory Panel

SSTS Staff — Who to Call

SSTS Administrative Training

SSTS Related Links

SSTS Design and Installation Best Practices

SSTS Staff

SSTS requirements are adopted and enforced locally. Requests for assistance or complaints should first be directed to the local unit of government (County, City, Township).

- County Offices
- City Offices
- Township Offices
- MPCA Contacts
- University of Minn. OSTP Contacts
- Minn. UIC Class V Inspectors

SSTS Advisory Committee

The SSTS Advisory Committee is a group of professionals and others interested in the SSTS industry who advise MPCA on matters relating to MN Rule Chapters 7080-7083 and administration of the SSTS program.

- SSTS Advisory Committee - 7083 Requirements

Members commit to a four-year term and meetings are held semi-annually or more frequently as needed.

- Membership, Meetings, Committee Information

Additional Links

SSTS Search

Minnesota Pollution Control Agency

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Water Types and Programs Permits and Rules Monitoring and Reporting Publications Training Pollution Prevention

Minnesota's Subsurface Sewage Treatment Systems Program (SSTS)

Minnesota's Subsurface Sewage Treatment Systems Program (SSTS)

IN THIS SECTION

- Current SSTS Rules, Laws, Statutes, Regulations and Ordinances
- SSTS Rule, Statute and Law History
- SSTS Business Licensing Individual Certification and Enforcement
- SSTS and SSTS Technical and Compliance Criteria
- Septage Removal and Disposal
- Product Registration Process for Treatment Products, Distribution Areas and Sewage Tanks
- Sewage Tanks Product Registration
- Review of SSTS Proprietary Products
- SSTS Local Units of Government
- SSTS Practitioner and Homeowner Information
- SSTS Search
- Septic System Tank Installation Fee
- Businesses with SSTS

Subsurface Sewage Treatment Systems (SSTS), commonly known as septic systems, are regulated by Minnesota Statutes 115.55 and 115.56.

These regulations detail:

- Minimum technical standards for individual and mid-size SSTS (Chapter 7080 and 7081)
- A framework for local administration of SSTS programs (Chapter 7082) and
- Statewide licensing and certification of SSTS professionals, SSTS product review and registration, and establishment of the SSTS Advisory Committee (Chapter 7083).

Program Goals

The goal of the SSTS program is to protect the public health and the environment through adequate collection and treatment of domestic sewage from dwellings or other establishments generating volumes less than 10,000 gallons per day.

Methods employed by MPCA towards accomplishing these goals are:

- Periodic revisions to Minnesota's SSTS rules (MN Rules Chapters 7080, 7081, 7082, 7083)
- Ongoing assistance in interpreting Minnesota's SSTS rules and
- Administering the statewide SSTS Certification and Licensing Program

- 10-Year Plan to Upgrade and Maintain Minnesota's On-site SSTS Treatment Systems. A Report to the Minnesota Legislature, February 2004 (file sump23 100)

SSTS Staff

SSTS requirements are adopted and enforced locally. Requests for assistance or complaints should first be directed to the local unit of government (County, City, Township).

- County Offices
- City Offices

RELATED LINKS

MPCA

- MPCA lab registration for NPDES permit holders and water quality monitoring
- Wastewater Pretreatment Final Rules
- Frequently Asked Questions about Wastewater Operator Certification
- Wastewater Operator Training Seminars

External

- Metropolitan Council — Sanitary Sewer Permits
- Wm. Department of Natural Resources — Water
- Minnesota.gov — Water
- U.S. Environmental Protection Agency — Office of Water

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Water

Water is one of Minnesota's most abundant and precious resources. The Minnesota Pollution Control Agency helps protect our water by monitoring its quality, setting standards and controlling what you can do to it.

Water Types and Programs

Water Sheds

Groundwater

Stormwater

Nonpoint Source Issues

Feedlots

Surface Water

Impaired Waters and TMDLs

Wastewater

Clean Water Fund

Subsurface Seepage Treatment Systems (SSTS)

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Water Rulemaking

Water Permits and Forms

Water Quality Standards

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MPCA SSTS Website

- Small community & cluster systems
- General and Legislative Reports
- Research & Enforcement
- Financial Assistance
- Administrative LGU Sessions
- GovDelivery
 - SSTS newsletter – sign up

Minnesota's Subsurface Sewage Treatment Systems Program (SSTS)

Subsurface Sewage Treatment Systems (SSTS), commonly known as septic systems, are regulated by Minnesota Statutes 115.00 to 115.05.

These regulatory goals:

1. Minimum technical standards for individual and mid-size SSTS (Chapter 200 and 201)
2. A framework for local administration of SSTS programs (Chapter 202)
3. SSTS inventory and certification of SSTS professionals. SSTS promotes water and vegetation, and establishment of the SSTS Advisory Committee.

Program Goals

The goal of the SSTS program is to protect the public health and the environment through adequate inspection and treatment of domestic sewage from septic systems or other establishments generating domestic sewage less than 10,000 gallons per day.

Methods employed by MPCA towards accomplishing these goals are:

1. Periodic reviews to Minnesota's SSTS code (Mn Rules Chapter 200, 201, 202, 203, 204, 205)
2. Ongoing assistance in interpreting Minnesota's SSTS code, and
3. Administering the minimum SSTS Certification and Licensing Program.

[Click Here to View the Minnesota SSTS Certification and Licensing Program](#) A Report to the Minnesota Legislature, February 2004 (the 2004-2010)

SSTS Staff

SSTS requirements are adopted and enforced locally. Requests for assistance or compliance must first be directed to the local unit of government (County, City, Township).

- [County Office](#)
- [City Office](#)
- [Township Office](#)
- [MPCA District](#)
- [Minnesota SSTS Council](#)
- [MPCA Local Council](#)

SSTS Advisory Committee

The SSTS Advisory Committee is a group of professionals and others interested in the SSTS industry who advise MPCA on matters relating to Minnesota Statutes 115.00 to 115.05 and administration of the SSTS program.

- [SSTS Advisory Committee - 2009 Membership](#)

Members commit to a four-year term and meetings are held semi-annually or more frequently as needed.

- [Minnesota, Minnesota, Committee Information](#)

Additional Links

- [SSTS Training Schedule](#)
- [SSTS Design and Installation Best Practices](#)

RESOURCES FOR SSTS ADMINISTRATORS

The University of Minnesota's
Onsite Sewage Treatment Program (OSTP)

OSTP Expertise

Required Training

Continuing Education

Research

Outreach

Technical Assistance



<http://septic.umn.edu>

Minnesota Rules
Chapters 7080 through 7083
Subsurface Sewage Treatment
Systems Program

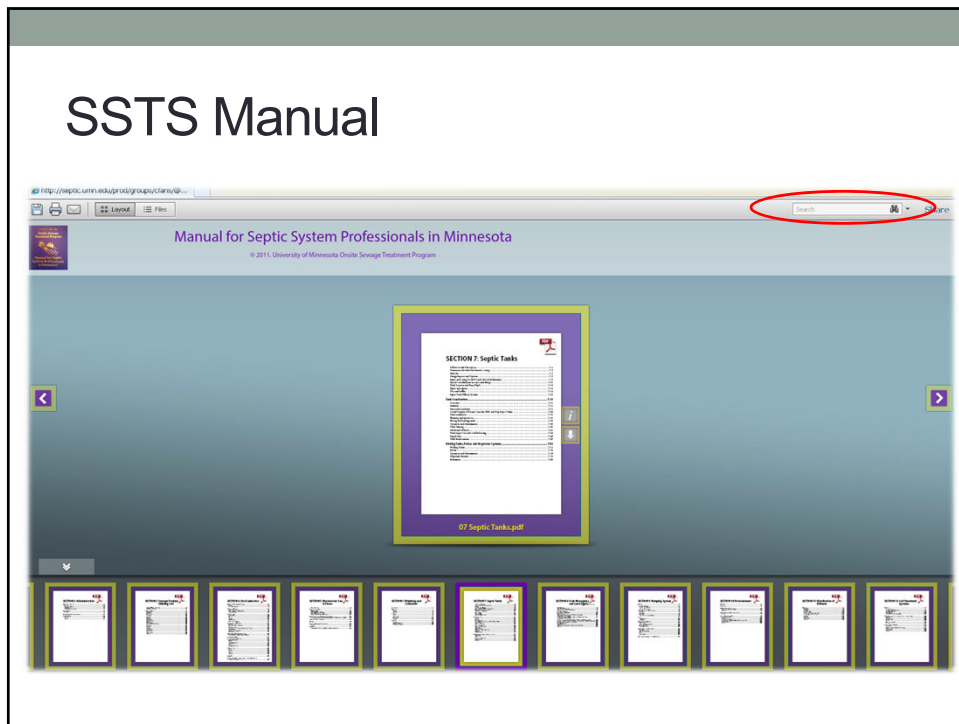


Extracted from Minnesota Rules 2011
including revisions adopted through March 2011.
Text prepared by the University of Minnesota
and is not the official version compiled by the
Office of the Revisor of Statutes.

The official rule language for
Minn. Rules chs. 7080, 7081, 7082 and 7083
can be found at the Revisor's website at
<http://www.revisor.leg.state.mn.us/>





SSTS Manual



SSTS Design Forms

<http://www.mnps.com/centraldesign/products>

 **Instructions for 2011 OSTP
STSs Advanced Design Forms** 

**Minnesota Pollution
Control Agency**

The new 2011 Design Forms included in this file are intended to meet the new 2011 Chapter 7000 Rules. Please check back to the website frequently and often to make sure that you have the most current version. There are 19 worksheets and additional supporting information in the 2011 STS1 Design Forms Workbook, the file is 411 KB.

| | | |
|----------------------|--|--|
| 1. Empty Tank | 9. Non-Vent Pressure Distribution | 14. Estimated Flow-Other Establishment |
| 2. Empty Tank | 10. Pump Selection | 14. Final Flow-Other Establishment |
| 3. Trench & Head | 10. Pump Selection | 14. Final Flow-Other Establishment |
| 4. Head | 10. Pump Selection | 14. Final Flow-Other Establishment |
| 5. Stormwater Inlets | 11. Sizing | 15. STS1 Worksheet & Summary Information |
| 6. A-Grade | 12. Single Pipe & Recirculating Filter | 16. Supporting Information |
| 7. Stormwater Inlets | 13. Flow Estimator for Existing Developments | 17. Tables |
| 8. Drop Distribution | | |

These worksheets were created in Microsoft Excel. You have a software program that can open .xls documents to use these forms.

There are two ways you can utilize this worksheet:

1. You can use the form worksheets on a computer and fill in the values on a computer & print out the results or email them. Using this function the function will save the results of the worksheet as you enter the data.
2. You can print blank copies of the worksheets and fill in the values on paper.

QUESTIONS & ANSWERS

1. This file contains macros which are installed normally to do some of the calculations, in order for these to work, you must have the macros installed on your computer. If you do not have the macros installed, you will see a message that says "The macros in this document are disabled. To help protect your privacy, Outlook prevented automatic download of some pictures from the Internet." To enable the macros, you must go to the "Tools" menu and select "Macro" and "Security" and then "Customize Security Settings" and select "Trusted Sites" and add the URL of the file to the list of trusted sites.

RESOURCES FOR SSTS ADMINISTRATORS

Other Resources

<http://mowa-mn.com/>



Search this website...

MOWA
minnesota onsite wastewater association

Home Applications & Renewals Consumer Resources Member Resources Scholarships
Board of Directors Little Digger Newsletter Calendar of Events Contact Form Legislative Action

The Minnesota Onsite Wastewater Association (MOWA) represents those individuals and companies in Minnesota whose business is involved in designing, constructing or providing maintenance and repair service for onsite sewage treatment systems, commonly known as septic systems. The Minnesota Pollution Control Agency (MPCA) currently estimates that there are 491,000+ individual sewage treatment systems (SSTS) in Minnesota. Founded in 1975, MOWA has over 400 members and is a non-profit business association whose primary objective is the betterment of public health through sound principles and procedures.

[Learn More About MOWA](#)

**URGENT ALERT: Governor Dayton Signs
Emergency Executive Order on Load-Limit**

<http://water.epa.gov/infrastructure/septic>

EPA United States Environmental Protection Agency

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SepticSmart Home

Welcome to SepticSmart
Homeowners, learn the ins and outs of your septic system.

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Welcome to SepticSmart!

Did you know that one-quarter of all U.S. homes have septic systems? Yours may be one of them. If you're not properly maintaining your septic system, you're not

Outreach Campaign

Check out the **SepticSmart Outreach Toolkit!**

Government officials, industry professionals.

<http://www.nesc.wvu.edu/>

National Environmental Services Center
NESC Assistance. Solutions. Knowledge.
West Virginia University NRECE

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NEW!

- New Issue of *On Tap* Now Available
- SORA Releases Nutrient Regulations Survey Results
- RDUS Rates Available
- New Issue of *Pipeline* Available

☒ [Google search NESC](#)

The National Environmental Services Center

Assistance. Solutions. Knowledge.

For more than 30 years, the National Environmental Services Center (NESC) has helped thousands of small, rural communities with their drinking water, wastewater, environmental training, infrastructure resilience, and utility management needs—leading them to solutions to the problems they face.

Our staff of environmental specialists, engineers, certified operators, writers, editors, and trainers understands the latest technologies, regulations.

Latest Issue Available

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SUMMARY

Summary

- The MPCA's website has a wealth of SSTS-related information available to administrators of local SSTS programs.
- The SSTS Search tool is simple to use to determine if a SSTS business is properly licensed.
- The U of M OSTP's website is an important source of SSTS information and that's where SSTS workshop information is posted.
- There are local, state and national organizations that have SSTS information and opportunities to network with other practitioners in the industry.