

# *Security and Emergency Response for Small Systems*



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Michigan Rural Community  
Assistance Program

## *FUNDING*

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- Michigan RCAP is funded by
  - USDA Rural Development TechniTrain
  - Dept. of HHS
  - EPA Wastewater
  - EPA Safe Drinking Water Act
  - EPA NETC SMART Source Water Protection Planning
  - HHS-OCS: Safety & Security

## *Security Seminar for Small Systems*

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- Held at Cabelas in Dundee, MI
- Repeated at Tree Tops, Gaylord, MI
- Participants from both peninsulas
- 0.6 Credits for Drinking Water Operators
- 0.6 Credits Wastewater Op. - Managerial

## *Small Utilities in Michigan*

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- Small Water and Wastewater System in Michigan – 10.1 million people served
  - About 1200 Small Water Systems serving communities <3,300
  - About half the population of Michigan served by Small Water Systems
  - Almost as many Small Wastewater Systems

Position 27.4 N 93.1 W  
Maximum Winds 105 mph  
 gusts 125 mph  
 Movement WNW at 11 mph  
 Minimum Pressure 957 mb (28.25 inches)

Satellite 2:10 PM UT



# Michigan RCAP Security and Emergency Response for Small Systems

This seminar and materials produced were funded and/or carried out as part of the RCAP National OCS Safety and Security Program, a RCAP Network project.

## *Why Focus on Small Systems?*

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- They have limited resources
  - Financial – Fewest number of customers
  - Staffing – Often part time, contractual
  - Fewer redundancies within systems
  - Fewest alternatives for adequate management
- Often isolated in remote areas of state
- Not required to have VA and ERP's
- No Formal Agreements
- Village Councils not always “Trained”

## *Security Seminar Outline*

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- Introductions
- Security Best Practices
- Vulnerability Assessments and ERP's
- Table Top Exercise
- Asset Management and MI WARN

## *EPA Table Top Exercise*

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- Combined flooding disaster for Water and Wastewater Systems
- Small Groups of 4-5 People
- Large City and System Maps
- Large notepads to record actions
- Emergency Broadcasts using Warning System Sound

## *Wrap Up*

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- Post Evaluation was very favorable
  - Many said they would update ERP's
  - Wanted to join other mock disasters
- Table Top Exercise was favorite part
- Location was important
- CEC credits were very important

Michigan Community Action Agencies Association  
Michigan Rural Community Assistance Program

# Certificate of Completion

This is to certify that

**Douglas M. Sineway**

Has completed all training requirements for the course:  
**Security and Emergency Response for Small Systems**



Michigan DEQ course #1904  
Completed on September 17, 2008  
At Cabela's in Dundee, Michigan  
Earning 0.6 Continuation Education Credits in  
Drinking Water and/or Wastewater - Managerial Category



Michigan RCAP

  
Michigan Community Action  
Agencies Assoc.

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