

Research on NYS Stormwater Coalitions Meeting Minimum Measures

Logistics of meeting minimum measures:

- Counties took an active lead
- Used grants to hire person/meet measures
- Designated a technical representative, i.e. engineering consultants
- Subcommittee of engineers did outfall mapping and decided what to include
- Subcommittee for the field inspection form
- Had subcommittee for finance-at least three members
- Have people copy some laws or copy the model law

How to stress the importance:

- Need to contact the mayors/supervisors
- Mayors and supervisors need to make some decisions
- Stress the fines-they're a big deal
- Stress why it's good to meet the requirements rather than just saying so
- Sit down 1-on-1 and talk about their individual needs

Different backgrounds of members:

- Get people with same jobs for specific projects
- Use all of their talents for specific projects
- The clerk up to the top (mayor/supervisor) needs to know about this
- Try to find out at meetings who can meet requirement at their individual municipality

Outside agencies and examples of activities:

- Cornell Cooperative Extensions - made materials, did stormdrain stenciling
- SWCD - Construction and post-construction requirements
- Private consultants did free trainings
- Cayuga Lake Watershed Committee
- Cornell University
- Subcontract with agencies for Minimum Measures 1 and 2
- Make agencies pay dues
- County SWCD
- Local sewer districts

Working together:

- Encourage a discussion of troubles they're having meeting requirements
- **Stress that DEC is looking for intermunicipal cooperation, which strengthens grant applications!**
- Create shared-service position to meet measures/enforce measures
- Abutting towns work together
- Share cost by sharing people/duties
- Have one training session for Minimum Measures 1 and 2
- Some requirements have the same standards (so it's all the same level), such as Minimum Measure 3. Pass the model law.

- Regional approach to Measures 1 and 2
- Work together because it's a waste of time to do everything separately
- Annual Reports - Do it yourself and meet the unique issues of your community. Do not just copy it. Do Minimum Measure 3 ahead of time.
- Minimum Measures 4, 5, and 6 - do by themselves as needs differ. May already be doing measure 6, but **must keep records**.

How Other MS4s Met Minimum Measures

Minimum Measure 1: Outreach/Education

Events/Presentations

- Presentations at schools
- Exhibits at community events with water quality component.
- Cornell Cooperative Extension events.
- Hold free workshops on individual measures for municipal officials, developers, contractors, CEO's, engineers, and planning board members.
- Speaking engagements

Materials

- Education materials, such as brochures, bookmarks, videos, informational packets, coloring books, information sheets
- Webpage for education

Other

- Package for the press
- Clean water pledge for residents
- Logo development/contest (for kids?)
- Stormwater awareness medallions for municipalities

Overall Method

- Outline goals
- Target audience
- Consider message format and distribution

Minimum Measure 2: Public Involvement

- Identify public contact person (public relations)
- Newsletter
- Public invited to annual report meeting/other meetings
- International coastal cleanup day
- Volunteer events
- Allow public to comment on webpage

Minimum Measure 3: Illicit Discharge

Committee

- Committee meets monthly and coordinates activities.

- Choose an area for investigation
- Develop a facility inventory
- Conduct site visits and inspections
- Follow-up with education and enforcement actions

- Outfall mapping
- Adopt ordinance
- Pollutant tracking procedures

Municipalities

- IDDE training sessions for municipalities
- Adopt an Outfall Program
- Local ordinance

Minimum Measure 4: Construction

Education

- Efforts to educate contractors, developers, engineers, and municipalities.
- Held workshops for MS4 staff

Ordinances/Forms

- Create/adopt ordinance
- Design requirements for developments
- Construction plan review
- Construction inspection procedures and certificate
- Project status monitoring and reporting
- Public review of plans and construction projects
- Develop brochures

Minimum Measure 5: Post-Construction

General

- Create/adopt ordinance
- Inspection program for new and recent developments
- Asset management program for existing facilities

Project-Specific

- Determine management practice
- Determine labor cost
- Determine maintenance cost
- Describe maintenance activity
- Plan schedule

Minimum Measure 6: Good Housekeeping

Training

- Training programs for BMP's
- Educational videos

Plans

- County DPW conducts GIS/GPS analysis of storm sewer infrastructure
- Develop inspection checklists for municipal operations
- Septic system management plan
- Discharge alternatives for chlorinated water

Activities

- Vehicle/equipment maintenance and washing
- Building maintenance
- Hazardous and waste materials management
- Landscaping and lawn care measures
- Spill response and prevention
- Roadway and bridge maintenance
- Road salt storage and application
- Catch basin and storm drain cleaning
- Mitigate disturbance of water habitat modifications
- Street cleaning and maintenance considerations
- Reduce pest control usage