

BMP No. A.1

Brief Description of BMP: Material available to the public pertaining to storm water quality education.

Measurable Goal(s), including frequencies: Additional educational material will be prepared in the second year to expand on existing resources. The material will be available for distribution each year.

Milestones: Year 1:
This work was completed ahead of schedule. Tri-fold pamphlets have been developed regarding Stormwater Runoff, Rain Gardens, and the City's Rain Barrel Program
Year 2: Additional material available to the Public
Completed.
Year 3:
Year 4:
Year 5:

BMP No. A.3

Brief Description of BMP: Public/cable education spot addressing storm water education.

Measurable Goal(s), including frequencies: Produce and air a series of ads on local or cable television addressing storm water education to the public. The ads will rotate and air once a month.

Milestones: Year 1:
Year 2: Produce new ads
Information from the educational pamphlets to be formatted for cable message ads.
Year 3: Initiate new series of ads on local or cable television
Power point ads submitted to run monthly.
Year 4:
Year 5:

BMP No. A.6

Brief Description of BMP: A section of the City's website will be dedicated to help educate the public on storm water quality.

Measurable Goal(s), including frequencies: The City will expand the website to include additional information and links to proposed public programs.

Milestones: Year 1: Draft ideas for a revised website
This information has been collected and will be added at the next modification of the website.
Year 2: Link to local resources.
The City has a new service contract to develop a new website design. Links will be incorporated.
Year 3:
Year 4: The website will be updated and available to the public
The City has a new website online. Additional information and links will be incorporated this year.
Year 5: Maintain and update the website

BMP No. B.7

Brief Description of BMP: An outreach program with local educational institutions will be developed to educate residents on storm water issues.

Measurable Goal(s), including frequencies: Educational programs will be established and maintained each year.

Milestones: Year 1: Establish links with local schools and teachers.
The City has partnered with Joliet Job Corps and Joliet Junior College to establish the Catch Basin Stenciling Program.
Year 2: Research teaching needs.
Additional research is ongoing.
Year 3: Develop education programs with local teachers and students.
The City participates yearly in educational fairs at Joliet Junior College, University of St. Francis, Joliet Job Corps, and the regional Celebrating Sustainability Festival.
Year 4:
Year 5:

BMP No. C.1

Brief Description of BMP: Storm Sewer Map Preparation

Measurable Goal(s), including frequencies: The City has a drafted separate storm sewer system map. The drafted map will be converted to GIS to improve access to information. Updates will also include any new storm sewer pipe, outfall locations, and receiving water.

Milestones: Year 1: Educate staff on conversion process.
The staff has been educated on the GIS format and drafting requirements. Transfer of the existing storm sewer information has begun.

Year 2: Convert 25 % to GIS format.
Approximately 35% completed (east of river and west of HWY 59 completed)

Year 3: Convert 50% to GIS format.
Approximately 70 % completed

Year 4: Convert 75% to GIS format.
Approximately 75 % completed

Year 5: Complete 100% to GIS format.

BMP No. C.2

Brief Description of BMP: Regulatory Control Program

Measurable Goal(s), including frequencies: The City will expand the program that indicates the restrictions of discharging non-stormwater into the storm sewer system, detects these discharges before they become a problem, and establish enforcement procedures.

Milestones: Year 1:

Year 2: Draft a new ordinance that requires sewer inspection at the time of property sale or annexation.
Concept is under review.

Year 3: Educate staff on the application of the revised policies and maintain the program
Educational staff meetings ongoing.

Year 4: Maintain the program
Educational staff meetings ongoing.

Year 5:

BMP No. C.4

Brief Description of BMP: Illicit Discharge Tracking Procedures

Measurable Goal(s), including frequencies: Modify the complaint tracking system to identify illegal connections and illicit discharges to record locations on the GIS system and document previous actions. Make this information available to field staff to ensure resolution.

Milestones: Year 1: Modify tracking program.
The modifications required have been determined.

Year 2: Educate staff on the documentation changes.
Completed.

Year 3: Produce yearly summaries of known, new, and eliminated sources.
Initiating transfer to new MS4 documentation software.

Year 4: Finalize conversion to new documentation software.
Final transfer to new MS4 documentation software to occur this year.

Year 5: Maintain the tracking program.

BMP No. C.7

Brief Description of BMP: Visual Dry Weather Screening

Measurable Goal(s), including frequencies: Areas with suspicious discharges will be inspected to determine suspected direct connections to the wastewater system and identify areas where wastewater might be leaking into adjacent storm drain pipes.

Milestones: Year 1:

Year 2: Educate staff and public on identifying suspicious discharges.
Completed.

Year 3: Maintain the survey system
Surveys ongoing, tracking method to shift to online database.

Year 4:

Year 5:

BMP No. C.8

Brief Description of BMP: Pollutant Field Testing.

Measurable Goal(s), including frequencies: Each year a number of storm water drain system outfalls will be sampled and tested to identify outfalls with illicit discharges.

- Milestones: Year 1: Establish sampling and testing program.
The sampling and testing program has been created and staff education has begun.
- Year 2: Establish the staff education program for sampling and testing.
Completed.
- Year 3: Perform sampling and testing of storm water outfalls.
Sampling ongoing. Tracking method to transition to online database.
- Year 4: Maintain program
Sampling ongoing. Tracking method to transition to online database delayed to this year.
- Year 5:
-

BMP No. D.4

Brief Description of BMP: Site Plan Review Procedures

Measurable Goal(s), including frequencies: Modify site review to include construction sequencing. Staff education regarding the site review procedures will occur by year two, along with the implementation of the standard policy.

- Milestones: Year 1: Revise site review procedures.
The site review procedures have been modified to include Construction Sequencing Plan and creation of a standard Inspector Checklist..
- Year 2: Educate staff on revised procedures
Identified additional need. Expanded staff involvement planned.
- Year 3: Maintain the program during permit review
Completed.
- Year 4:
- Year 5:
-

BMP No. D.5

Brief Description of BMP: Public Information Handling Procedures

Measurable Goal(s), including frequencies: The City will expand the tracking process whereby public complaints, concerns, permits, etc. are logged to include Public Works / Roadways issues. The tracking process will be implemented throughout the life of the storm water management program.

- Milestones: Year 1: Review the current procedures
The review has been completed and Public Works / Roadways can now receive complaint info via this system. Further modification is required to allow them to generate info as well.
- Year 2: Expand the information collected for tracking of public complaints.
Exploring new software options.
- Year 3: Maintain the tracking process
Ongoing on new software.
- Year 4:
- Year 5:
-

BMP No. D.6

Brief Description of BMP: Site Inspections/Enforcement Procedures

Measurable Goal(s), including frequencies: Modify the bonding and letter of credit process to provide for extended long-term site stabilization funding. The procedures will be implemented throughout the life of the storm water management program.

- Milestones: Year 1: Develop language for the policy change.
The policy change language has been developed. .
- Year 2: Institute policy change to include incremental payouts and a line item to reserve funding.
Reduced development submittals delayed change to year 3.
- Year 3: Institute policy change.
Policy change delayed due to lack of development.

- Year 4: Institute policy change.
Policy change delayed due to lack of development.
- Year 5: Institute policy change.
-

BMP No. D.7

Brief Description of BMP: other Construction Site Runoff Controls

Measurable Goal(s), including frequencies: The City will modify the existing requirements for storm water pollution prevention program for construction site operators to include the use of catch all inlet protectors instead of filter fabric, and define the procedure for site dewatering during construction.

- Milestones: Year 1: Review dewatering products and procedures.
The review has been completed and the new requirements have been included in contracts created and awarded for some 2010 construction projects..
- Year 2: Modify construction contract requirements.
New requirements are included in all 2011 contracts.
- Year 3: Educate inspection staff and contractors on changes.
Additional education and monitoring required.
- Year 4: Educate inspection staff and contractors on changes.
Additional education and monitoring required.
- Year 5: Maintain the requirements through site review and staff training.
-

BMP No. E.5

Brief Description of BMP: Site Inspection During Construction

Measurable Goal(s), including frequencies: The City will develop coordinating procedure between staff and Certified Site Operation inspected sites, an inspection check sheet, and establish penalties and consequences for non-compliance.

- Milestones: Year 1: Develop inspection checklist, procedures and penalties.
The inspection checklist, procedures and penalties have been established.
- Year 2: Maintain procedures.
Maintained.
- Year 3:
- Year 4:
- Year 5:
-

BMP No. E.6

Brief Description of BMP: Post – Construction Inspections

Measurable Goal(s), including frequencies: The City will identify priority sites that warrant inspections before and after significant rain events.

- Milestones: Year 1: Identify priority sites.
A list of active construction sites of priority for inspection has been established.
- Year 2: Establish inspection schedule and location assignments for inspectors.
Expanding and revising locations. Exploring link to potential software report.
- Year 3: Maintain inspections.
Inspections ongoing. Training begun to transition to online database.
- Year 4: Maintain inspections.
Inspections ongoing. Transition to online database to occur this year.
- Year 5:
-

BMP No. F.1

Brief Description of BMP: Employee Training Program

Measurable Goal(s), including frequencies: The City will run a staff education program to train City staff regarding the importance of storm water pollution and good housekeeping practices.

- Milestones: Year 1: Collect information for the staff training program
The staff will attend NPDES webcast programming to be provided by APWA.
- Year 2: Establish the education program
Completed.

- Year 3: Maintain the program and continue to train staff within the storm water training program
Training begun to transition to online database.
- Year 4: Finalize training and complete transition to online database.
Training continued. Transition to online database to occur this year.
- Year 5:
-

BMP No. F.2

Brief Description of BMP: Inspection and Maintenance Program

Measurable Goal(s), including frequencies: Establish a tracking method to document the street sweeping debris, grate cleaning, and ditch cleaning with quarterly summaries.

- Milestones: Year 1: Collect information regarding the current program.
The review has been completed and Public Works / Roadways can now receive complaint info via the current tracking system. Further modification is required to allow them to generate info as well.
- Year 2: Obtain funding for modifications to tracking software.
Funding unavailable. Exploring alternate software options.
- Year 3: Establish a simple tracking process for maintenance and cleaning documentation, and educate staff.
Training begun to transition to online database.
- Year 4: Maintain and utilize the tracking process.
Training continued. Transition to online database to occur this year.
- Year 5: