Illinois Environmental Protection Agency

Bureau of Water • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Notice of Intent for New or Renewal of General Permit for Discharges from Small Municipal Separate Storm Sewer Systems - MS4's

Part I. General Information

1. MS 4 Operator Name: City of Troy
2. MS4 Mailing Address: 116 East Market Street
   City: Troy State: IL
3. Operator Type: City Other:
4. Operator Status: Local Other:
5. Name(s) of governmental entity(ies) in which MS4 is located:

   Illinois Department of Transportation
   Madison County
   Jarvis Township

6. Area of land that drains to your MS4 in square miles: 5
7. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:

   Latitude: 38 Degrees 44 Minutes: 00 Seconds:

   Longitude: 89 Degrees: 53 Minutes: 00 Seconds:

8. Name(s) of known receiving waters

   Mill Creek
   Wendell Branch

9. Persons responsible for implementation or coordination of Stormwater Management Program:

Name: Keith Frey Title: Zoning Administrator Phone: 618-667-4629

Area of Responsibility: Assure that all best management practices are followed and all relevant forms are turned in.

Name: Rob Hancock Title: Public Works Director Phone: 618-667-4629

Area of Responsibility: Authorized representative for overall program.

Part II. Best Management Practices (include shared responsibilities) which have been implemented or are proposed to be implemented in the MS4 area:

A. Public Education and Outreach

Qualifying Local Programs:

County and City developed and distributed stormwater educational brochures, updating them as necessary. County will make educational presentations at schools as opportunities arise. County and City staff attends and participates in water-quality oriented public events such as the Lewis and Clark College Water Festival, the EarthTones Festival, and Stream Clean-Up Days as available. County makes educational presentations to students about stormwater issues, sustainability, and green infrastructure. County conducts training for teachers through workshops and provide materials for them to distribute to students. Sponsor programs such as TRASHformations - in which junk and recycled materials are transformed into artwork by students - and Earth Flag Day.

Measurable Goals (include shared responsibilities)

☒ A.1 Distributed Paper Material

Brief Description of BMP:

Developed three stormwater educational brochures during previous permit cycles. Make available online and at multiple public locations. Distribute handout cards referring the public to the County's stormwater website. Review and update the documents as necessary.

Measurable Goals, including frequencies:

Annual review of stormwater educational brochures, updating and reissuing them as necessary. Incorporate climate change information as it becomes available. Continue to make them available at public locations.

Milestones:

Go to Additional Pages

Year 1:

Review and update brochures as needed. Continue to make them available at public locations.

Year 2:

Distribute handout cards at public events and locations. Review and update brochures as needed. Continue to make them available at public locations.

Year 3:

Distribute handout cards at public events and locations. Review and update brochures as needed. Continue to make them available at public locations.

Year 4:

Distribute handout cards at public events and locations. Review and update brochures as needed. Continue to make them available at public locations.

Year 5:

Distribute handout cards at public events and locations. Review and update brochures as needed. Continue to make them available at public locations.

- ☐ A.2 Speaking Engagement
- ☐ A.3 Public Service Announcement
- ☒ A.4 Community Event

Brief Description of BMP:

County and City staff to attend and participate in water-quality oriented public events such as the Lewis and Clark College Water Festival, the EarthTones Festival, and Stream Clean-Up Days as available.

Measurable Goals, including frequencies:

County and City representatives to attend at least two such events each year.

Milestones:

Year 1:

Attend two water-quality oriented public events.

Year 2:

Attend two water-quality oriented public events.

Year 3:

Attend two water-quality oriented public events.

Year 4:

Attend two water-quality oriented public events.

Year 5:

Attend two water-quality oriented public events.

Go to Additional Pages

- ☒ A.5 Classroom Education Material (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Distribute stormwater educational brochures to public and private schools in the County. Distribute sustainability and green infrastructure program information to public and private schools.

Measurable Goals, including frequencies:

County and City to deliver copies of brochures and sustainability and green infrastructure program information to schools annually.

Milestones:

Year 1:

Deliver copies of brochures and sustainability and green infrastructure program information to schools.

Year 2:

Deliver copies of brochures and sustainability and green infrastructure program information to schools.

Year 3:

Deliver copies of brochures and sustainability and green infrastructure program information to schools.

Year 4:

Deliver copies of brochures and sustainability and green infrastructure program information to schools.

Year 5:

Deliver copies of brochures and sustainability and green infrastructure program information to schools.

Go to Additional Pages

☒ A.6 Other Public Education (You may need to go to the next page to fill in this information)

Brief Description of BMP:

County will make educational presentations to students at schools in the County about stormwater issues, sustainability, and green infrastructure. Conduct training for teachers through workshops and provide materials for them to distribute to students. Sponsor programs such as Earth Flag Day.

Measurable Goals, including frequencies:

Make educational presentations to students at schools on a rotating basis. Presentations will be made in various jurisdictions by Co-Permittee agencies. Continue educational programs.

Milestones:

Year 1:

No significant milestones.

Year 2:

No significant milestones.

Year 3:

No significant milestones.

Year 4:

No significant milestones.

Year 5:

No significant milestones.

Go to Additional Pages

B.Public Participation/Involvement

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Participate in household hazardous waste, large item, tire, paint, and Christmas tree collection and recycling programs as available. County operates a County-wide stormwater problem hot-line, copying reports to affected agencies. Attend quarterly Co-Permittee group meetings.

☐ B.2 Educational Volunteer

☐ B.3 Stakeholder Meeting

☒ B.4 Public Hearing (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Schedule one public meeting per year where residents can provide input on existing stormwater programs.

Measurable Goals, including frequencies:

Schedule one public meeting per year where residents can provide input on existing stormwater programs.

Milestones:

Year 1:

Schedule one public meeting per year where residents can provide input on existing stormwater programs.

Year 2:

Schedule one public meeting per year where residents can provide input on existing stormwater programs.

Year 3:

Schedule one public meeting per year where residents can provide input on existing stormwater programs.

Year 4:

Schedule one public meeting per year where residents can provide input on existing stormwater programs.

Year 5:

Schedule one public meeting per year where residents can provide input on existing stormwater programs.

Go to Additional Pages

☐ B.5 Volunteer Monitoring

☒ B.6. Program Involvement (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Attend quarterly Co-Permittee group meetings.

Measurable Goals, including frequencies:

County to conduct 4 meetings per year, inviting all Co-Permittee agencies to actively participate.

Milestones:

Year 1:

Attend and actively participate in all 4 quarterly co-permittee meetings as available.

Year 2:

Attend and actively participate in all 4 quarterly co-permittee meetings as available. .

Year 3:

Attend and actively participate in all 4 quarterly co-permittee meetings as available.

Year 4:

Attend and actively participate in all 4 quarterly co-permittee meetings as available.

Year 5:

Attend and actively participate in all 4 quarterly co-permittee meetings as available.

Go to Additional Pages

☒ B.7 Other Public Involvement (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Participate in household hazardous waste, large item, tire, paint, and Christmas tree recycling, as well as other sustainability and green infrastructure programs as available.

Measurable Goals, including frequencies:

Participate in as many recycling, sustainability, and green infrastructure programs as possible.

Milestones:

Year 1:

Participate in two recycling, sustainability, and green infrastructure programs.

Year 2:

Participate in two recycling, sustainability, and green infrastructure programs.

Year 3:

Participate in two recycling, sustainability, and green infrastructure programs.

Year 4:

Participate in two recycling, sustainability, and green infrastructure programs.

Year 5:

Participate in two recycling, sustainability, and green infrastructure programs.

Go to Additional Pages

C. Illicit Discharge Detection and Elimination

Qualifying Local Programs:

Sewer outfall mapping was completed during the previous permit cycle. The County will collect outfall mapping data from Co-Permittees and integrate into centralized GIS mapping system. Conducted and sponsored inlet stenciling program to discourage illegal dumping. Update ordinances to include requirement for inlet stenciling in all new construction. Provide training to Co-Permittee group on illicit discharge detection during quarterly meeting, particularly during dry weather periods. Include recommendations on locating sources and enforcing ordinances. Include illicit discharge detection in training schedule during on quarterly meeting. Conduct inspections of County facilities and outfall points routinely.

Measurable Goals (include shared responsibilities)

☒ C.1 Sewer Map Preparation (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Sewer outfall mapping was completed during the previous permit cycles. The County will collect outfall mapping data from Co-Permittees and integrate into centralized GIS mapping system.

Measurable Goals, including frequencies:

Collect all available outfall mapping data from Co-Permittees and integrate into County GIS mapping.

Milestones:

Year 1:

Review mapping and update as necessary.

Year 2:

Review mapping and update as necessary.

Year 3:

Review mapping and update as necessary.

Year 4:

Review mapping and update as necessary.

Year 5:

Review mapping and update as necessary.

Go to Additional Pages

☒ C.2 Regulatory Control Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

County is attempting to pass an illicit discharge control ordinance through the County Board and various commissions.

Measurable Goals, including frequencies:

County to continue to develop illicit discharge control ordinances and pursue approval by Board.

Milestones:

Year 1:

No significant milestones for City.

Year 2:

No significant milestones for City.

Year 3:

No significant milestones for City.

Year 4:

No significant milestones for City.

Year 5:

No significant milestones for City.

Go to Additional Pages

- ☐ C.3 Detection/Elimination Prioritization Plan
- ☐ C.4 Illicit Discharge Tracing Procedures
- ☒ C.5 Illicit Source Removal Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Conducted and sponsored inlet stenciling program to discourage illegal dumping.

Measurable Goals, including frequencies:

Inspect stenciling and decals to review condition annually.

Milestones:

Year 1:

Inspect stenciling and decals to review condition.

Year 2:

Inspect stenciling and decals to review condition.

Year 3:

Inspect stenciling and decals to review condition.

Year 4:

Inspect stenciling and decals to review condition.

Year 5:

Inspect stenciling and decals to review condition.

Go to Additional Pages

- ☐ C.6 Program Evaluation and Assessment

☒ C.7 Visual Dry Weather Screening (You may need to go to the next page to fill in this information)

Brief Description of BMP:

County to provide training to Co-Permittee group on illicit discharge detection during quarterly meeting, particularly during dry weather periods. Include recommendations on locating sources and enforcing ordinances. Include illicit discharge detection in training schedule during one quarterly meeting. Conduct inspections of facilities and outfall points routinely.

Measurable Goals, including frequencies:

County to provide training to Co-Permittee group on illicit discharge detection during quarterly meeting, particularly during dry weather periods. Include illicit discharge detection in training schedule during one quarterly meeting. Conduct inspections of facilities and outfall points.

Milestones:

Year 1:

Include illicit discharge detection in training schedule during one quarterly meeting. Conduct inspections of facilities and outfall points.

Year 2:

Attend County training opportunities. Conduct inspections of facilities and outfall points.

Year 3:

Attend County training opportunities. Conduct inspections of facilities and outfall points.

Year 4:

Attend County training opportunities. Conduct inspections of facilities and outfall points.

Year 5:

Attend County training opportunities. Conduct inspections of facilities and outfall points.

Go to Additional Pages

☐ C.8 Pollutant Field Testing

☐ C.9 Public Notification

☐ C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

County has established site plan review procedures and issues development permits. The County has retained the services of a professional engineering firm to assist in the review process. County sponsors and administers annual certification testing for Certified Erosion, Sediment, and Storm Water Inspector (CESSWI) certification for Co-Permittees, as well as offering training to provide required continuing education credits. County co-sponsors and attends an annual Field Day with NRCS to highlight local projects and BMP's in practice. County coordinates and attends NRCS NPDES permit inspections of construction sites. Erosion control, BMP selection, and ordinance enforcement training included in quarterly meeting agendas. County operates a Stormwater Hotline that includes reporting of construction site runoff complaints. County has a soil and sedimentation control ordinance in place which is routinely enforce and reviewed on an annual basis.

☒ D.1 Regulatory Control Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

County has a soil and sedimentation control ordinance in place which is routinely enforce and reviewed on an annual basis.

Measurable Goals, including frequencies:

Continue to enforce County ordinances routinely.

Milestones:

Year 1:

Enforce erosion and sedimentation control ordinances.

Year 2:

Enforce erosion and sedimentation control ordinances.

Year 3:

Enforce erosion and sedimentation control ordinances.

Year 4:

Enforce erosion and sedimentation control ordinances.

Year 5:

Enforce erosion and sedimentation control ordinances.

Go to Additional Pages

☒ D.2 Erosion and Sediment Control BMPs (You may need to go to the next page to fill in this information)

Brief Description of BMP:

County includes BMP training in quarterly meeting agendas.

Measurable Goals, including frequencies:

Include BMP training in quarterly meeting agenda annually.

Milestones:

Year 1:

Attend BMP training in one quarterly meeting.

Year 2:

Attend BMP training in one quarterly meeting.

Year 3:

Attend BMP training in one quarterly meeting.

Year 4:

Attend BMP training in one quarterly meeting.

Year 5:

Attend BMP training in one quarterly meeting.

Go to Additional Pages

☐ D.3 Other Waste Control Program

☒ D.4 Site Plan Review Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

County has established site plan review procedures and issues development permits. The County has retained the services of a professional engineering firm to assist in the review process.

Measurable Goals, including frequencies:

Continue to follow site plan review and permitting procedures.

Milestones:

Year 1:

No specific milestone.

Year 2:

No specific milestone.

Year 3:

No specific milestone.

Year 4:

No specific milestone.

Year 5:

No specific milestone.

Go to Additional Pages

☐ D.5 Public Information Handling Procedures

☒ D.6 Site Inspection/Enforcement Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

County sponsors and administers annual certification testing for Certified Erosion, Sediment, and Storm Water Inspector (CESSWI) certification for Co-Permittees, as well as offering training to provide required continuing education credits.

Measurable Goals, including frequencies:

County sponsors and offers CESSWI training, testing, and certification annually, as well as offering training to provide required continuing education credits.

Milestones:

Year 1:

No significant milestone.

Year 2:

No significant milestone.

Year 3:

No significant milestone.

Year 4:

No significant milestone.

Year 5:

No significant milestone.

Go to Additional Pages

☐ D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

Qualifying Local Programs:

County has established site plan review procedures and issues development permits. The County has retained the services of a professional engineering firm to assist in the review process. County and City coordinate and attend NRCS NPDES permit inspections of construction sites. City conducts street sweeping and debris removal operations as part of routine Highway Department activities. City reviews O&M manuals and Standard Operating Procedures on an annual basis, updating them as necessary.

Measurable Goals (include shared responsibilities)

☐ E.1 Community Control Strategy

☐ E.2 Regulatory Control Program

☒ E.3 Long Term O & M Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

City reviews O&M manuals and Standard Operating Procedures on an annual basis, updating them as necessary.

Measurable Goals, including frequencies:

City reviews O&M manuals and Standard Operating Procedures on an annual basis, updating them as necessary.

Milestones:

Year 1:

Reviews O&M manuals and Standard Operating Procedures, updating as necessary.

Year 2:

Reviews O&M manuals and Standard Operating Procedures, updating as necessary.

Year 3:

Reviews O&M manuals and Standard Operating Procedures, updating as necessary.

Year 4:

Reviews O&M manuals and Standard Operating Procedures, updating as necessary.

Year 5:

Reviews O&M manuals and Standard Operating Procedures, updating as necessary.

Go to Additional Pages

☒ E.4 Pre-Construction Review of BMP Designs (You may need to go to the next page to fill in this information)

Brief Description of BMP:

County has established site plan review procedures and issues development permits. The County has retained the services of a professional engineering firm to assist in the review process.

Measurable Goals, including frequencies:

See D.4

Milestones:

Year 1:

No specific milestones.

Year 2:

No specific milestones.

Year 3:

No specific milestones.

Year 4:

No specific milestones.

Year 5:

No specific milestones.

Go to Additional Pages

☒ E.5 Site Inspections During Construction (You may need to go to the next page to fill in this information)

Brief Description of BMP:

County and City coordinate and attend NRCS NPDES permit inspections of construction sites.

Measurable Goals, including frequencies:

County and City will coordinate and attend NRCS NPDES permit inspections of construction sites.

Milestones:

Year 1:

Coordinate and attend NRCS NPDES permit inspections of construction sites whenever possible.

Year 2:

Coordinate and attend NRCS NPDES permit inspections of construction sites whenever possible.

Year 3:

Coordinate and attend NRCS NPDES permit inspections of construction sites whenever possible.

Year 4:

Coordinate and attend NRCS NPDES permit inspections of construction sites whenever possible.

Year 5:

Coordinate and attend NRCS NPDES permit inspections of construction sites whenever possible.

Go to Additional Pages

☒ E.6 Post-Construction Inspections

Brief Description of BMP:

City routinely inspects creeks, ditches, and other drainageways for debris and siltation. Accumulated debris is removed routinely. Street sweeping is conducted.

Measurable Goals, including frequencies:

City routinely inspects creeks, ditches, and other drainageways for debris and siltation. Accumulated debris is removed routinely. Street sweeping is conducted.

Milestones:

Year 1:

No specific milestones.

Year 2:

No specific milestones.

Year 3:

No specific milestones.

Year 4:

No specific milestones.

Year 5:

No specific milestones.

Go to Additional Pages

☐ E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Provide training for City employees whose work may impact stormwater runoff. Review and update existing O&M manuals and Standard Operating Procedures annually. County is working to adopt a new flood management ordinance in accordance with Illinois DNR and FEMA guidelines. County sponsors and hosts Certified Floodplain Manager training and certification for Co-Permittee members.

☒ F.1 Employee Training Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Provide training for City employees whose work may impact stormwater runoff.

Measurable Goals, including frequencies:

Provide training for City employees whose work may impact stormwater runoff every year.

Milestones:

Year 1:

Provide training for City employees whose work may impact stormwater runoff.

Year 2:

Provide training for City employees whose work may impact stormwater runoff.

Year 3:

Provide training for City employees whose work may impact stormwater runoff.

Year 4:

Provide training for City employees whose work may impact stormwater runoff.

Year 5:

Provide training for City employees whose work may impact stormwater runoff.

Go to Additional Pages

☒ F.2 Inspection and Maintenance Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

County to develop and implement a monitoring and assessment program for testing discharge from stormwater outfalls.

Measurable Goals, including frequencies:

Develop monitoring program. Conduct regular testing according to plan and maintain records.

Milestones:

Year 1:

Develop monitoring program. Conduct testing at specified locations and maintain records.

Year 2:

Develop monitoring program. Conduct testing at specified locations and maintain records.

Year 3:

Develop monitoring program. Conduct testing at specified locations and maintain records.

Year 4:

Develop monitoring program. Conduct testing at specified locations and maintain records.

Year 5:

Develop monitoring program. Conduct testing at specified locations and maintain records.

Go to Additional Pages

☒ F.3 Municipal Operations Storm Water Control (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Review and update existing O&M manuals and Standard Operating Procedures annually, including pollution prevention requirements for chemicals including pesticides, herbicides, and deicing materials.

Measurable Goals, including frequencies:

Review and update existing O&M manuals and Standard Operating Procedures annually.

Milestones:

Year 1:

Review and update existing O&M manuals and Standard Operating Procedures as necessary.

Year 2:

Review and update existing O&M manuals and Standard Operating Procedures as necessary.

Year 3:

Review and update existing O&M manuals and Standard Operating Procedures as necessary.

Year 4:

Review and update existing O&M manuals and Standard Operating Procedures as necessary.

Year 5:

Review and update existing O&M manuals and Standard Operating Procedures as necessary.

Go to Additional Pages

☐ F.4 Municipal Operations Waste Disposal

☒ F.5 Flood Management/Assess Guidelines (You may need to go to the next page to fill in this information)

Brief Description of BMP:

County is working to adopt a new flood management ordinance in accordance with Illinois DNR and FEMA guidelines.

Measurable Goals, including frequencies:

County to adopt a new flood management ordinance in accordance with Illinois DNR and FEMA guidelines.

Milestones:

Year 1:

No significant milestones.

Year 2:

No significant milestones.

Year 3:

No significant milestones.

Year 4:

No significant milestones.

Year 5:

No significant milestones.

Go to Additional Pages

☐ F.6 Other Municipal Operations Controls

Part III. Certification

I certify under penalty of law that this document an all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fines and imprisonment.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony (415 ILCS 5/44 (h)).

Rob Hancock	Public Works Director	5/20/2016
Authorized Representative Name	Title	Date

Robert J. Hancock

Authorized Representative Signature

You may complete this form online and save a copy locally before printing and signing the form. It should then be sent to:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Attn: Permit Section
P.O. Box 19276
1021 North Grand Avenue East
Springfield, IL 62794-9276

Information required by this form must be provided to comply with 415 ILCS 5/39 (2000). Failure to do so may prevent this form from being processed and could result in your application being denied.

Additional Info - Page 1

A. Public Education and Outreach

BMP Number _____

Add Another BMP

Delete Last Entry

Additional Info - Page 2

B. Public Participation/Involvement

BMP Number B.7

Operate a County-wide stormwater problem hot-line, coping reports to affected agencies. Hotline will continue to operate throughout the permit cycle.

Add Another BMP

Delete Last Entry

Additional Info - Page 3

C. Illicit Discharge Detection and

BMP Number _____

Add Another BMP

Delete Last Entry

Additional Info - Page 4

D. Construction Site Runoff Control

BMP Number D.1

County and City coordinate and attend NRCS NPDES permit inspections of construction sites.

BMP Number D.1

County has a soil and sedimentation control ordinance in place which is routinely enforced and reviewed on an annual basis.

BMP Number D.1

County co-sponsors and attends an annual Field Day with NRCS to highlight local projects and BMP's in practice. City will attend as available.

Add Another BMP

Delete Last Entry

Additional Info - Page 5

E. Post-Construction Runoff Control

BMP Number E.5

County operates a Stormwater Hotline which includes reporting of runoff control issues during and after construction.

Add Another BMP

Delete Last Entry

Additional Info - Page 6

F. Pollution Prevention/Good

BMP Number F.5

County sponsors and hosts Certified Floodplain Manager training, exams, and certification for Co-Permittee members. Regular training classes to provide required continuing education credits are provided routinely.

Add Another BMP

Delete Last Entry