

CITY OF BATAVIA

100 North Island Avenue, Batavia, Illinois 60510-1930

Phone: (630) 879-1424 Fax: (630) 879-0710

Website: www.cityofbatavia.net

JEFFERY D. SCHIELKE
Mayor

M. HANNAH VOLK
City Clerk



WILLIAM R. McGRATH
City Administrator

RANDALL R. RECKLAUS
Assistant City Administrator

JOHN S. NOBLE
City Attorney

December 27, 2006

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

Subject: National Pollutant Discharge Elimination System, Phase II
City of Batavia 2005-2006 Annual Inspection Report

Dear Sir or Madam,

Attached is the Phase II NPDES Annual MS4 Facility Inspection Report for the City of Batavia that covers the period from March 2005 to March 2006. I apologize for the oversight that resulted in the delay of this submittal to you.

Please call me at (630) 879-1424, ext. 414 or e-mail me at sscheffel@cityofbatavia.net if you have any questions about this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Scheffel", written over a horizontal line.

Steven K. Scheffel, P.E., CFM
Assistant City Engineer

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
NPDES PERMIT FOR STORM WATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)**

Complete each section of this report.

REPORT PERIOD:	FROM: MARCH 2005	TO: MARCH 2006
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MS4 OPERATOR INFORMATION: (As it appears on the current permit)

NAME: City of Batavia	TELEPHONE NUMBER: (630) 879-1424	
MAILING ADDRESS: 100 North Island Avenue		
CITY: Batavia	STATE: Illinois	ZIP: 60510-1930
CONTACT PERSON: Steve Scheffel, City of Batavia Engineering Department (Person responsible for Annual Report)		

NAME(S) OF GOVERNMENTAL ENTITY(IES) IN WHICH MS4 IS LOCATED: (As it appears on the current permit)

Kane County	
DuPage County	

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. CHANGES TO BEST MANAGEMENT PRACTICES (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

1. Public Education and Outreach	"> <input type="checkbox"/>	4. Construction Site Runoff Control	<input type="checkbox"/>
Public Participation/Involvement	<input type="checkbox"/>	5. Post-Construction Runoff Control	<input type="checkbox"/>
3. Illicit Discharge Detection & Elimination	<input type="checkbox"/>	6. Pollution Prevention/Good Housekeeping	<input type="checkbox"/>

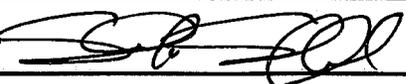
B.
Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

C.
Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D.
Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)

E.
Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

F.
Attach a list of construction projects that your entity has paid for during the reporting period.

SIGNATURE: 	DATE: 12/27/2006
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Information required by this form must be provided to comply with 415 ILCS 5/39 (1996). Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

Item B: - Status of Compliance With Permit Conditions

PERMIT CONDITION: BMP No. A6: Public Education and Outreach: Other Public Education

The City of Batavia proposes to develop a database of all property owners that abut and include local streams. Best Management Practice information will be mailed and otherwise made available to these property owners to help them in preserving and maintaining the riparian areas along the streams. The City will offer assistance and educational programs toward this end also. The City's plan to acquire GIS capabilities will improve future implementation of this program.

Measurable Goal(s), including frequencies: Goals will include timelines for completion of the property owner database, mailings, and other educational programs.

Milestones: **Year 1:** Complete property owner database.
Year 2: Complete initial contact and mailing.
Year 3: Hold an educational seminar for property owners. Have experts in riparian area management give presentations, etc.
Year 4: Complete GIS integration of property owner database.

COMPLIANCE ACTIVITIES:

1. **City Newsletter:** The Fall 2005 edition of the City of Batavia newsletter, "Currents," included a cover story article about Mahoney Creek; a tributary of the Fox River whose watershed lies entirely within the City of Batavia municipal boundaries. The purpose of the article was to inform residents about this stream, and raise local awareness about its geography, history, water quality issues, and the planned September 17, 2005 clean-up event for it. The Currents newsletter is mailed to all City residents. (See Attachment A).

PERMIT CONDITION: BMP No. B6: Public Participation/Involvement: Program Coordination

The City of Batavia proposes to develop a program, in cooperation with the Batavia Park District, to assist and work with local citizens groups to organize stream clean ups and streambank stabilization and improvement projects for the Fox River and tributary streams within the City's jurisdiction.

Measurable Goal(s), including frequencies: Goals will be set in terms of annual number of stream miles cleaned and stabilized.

Milestones: **Year 1:** Develop and coordinate program with Park District, and initiate contact with local citizens environmental groups.
Year 2: Organize and hold first stream clean-up event.
Year 3: Complete first stream restoration and stabilization project.
Year 4: Continue program with at least one annual project.

COMPLIANCE ACTIVITIES:

1. **May 21, 2005 Fox River and Mahoney Creek Clean up:** City staff worked with a local citizens environmental group, Batavians for a Healthy River (BHR), to coordinate clean-up activities that focused on the Fox River, south of downtown Batavia and Mahoney Creek near its confluence with the Fox River. The City supplied trash bags and a dumpster to dispose of the collected debris. City staff participated in and equipment was used in the clean-up work.
2. **September 17, 2005 Mahoney Creek Clean up:** City staff worked with, Batavians for a Healthy River, to coordinate the first clean-up activity on the main-stem of Mahoney Creek; a tributary of the Fox River whose watershed lies entirely within the Batavia municipal boundaries. City staff participated in and equipment was used in the clean-up work, and hauled and disposed of all debris that was collected.

PERMIT CONDITION: BMP No. F5: Pollution Prevention/Good Housekeeping: Flood Management/Assess Guidelines

The City of Batavia proposes to complete updated hydrologic and hydraulic studies for all perennial and intermittent streams within the municipal boundaries using current data and modeling methodology. In addition to accurately quantifying floodplains and flood risks, these studies will help identify and quantify riparian areas that are eligible for protection as special management areas under the Kane County Stormwater Management Ordinance.

Measurable Goal(s), including frequencies: Complete one study per year in accordance with funding availability. Start implement study recommendations in the first fiscal year after a study is complete.

Milestones: Year 1: (as stated above)
Year 2:
Year 3:

COMPLIANCE ACTIVITIES:

1. **Mahoney Creek Tributary Study:** The City issued a request for engineering consultant Statement of Qualifications (SOQ) and a subsequent Request for Proposals (RFP) to hire an engineering consultant to complete a hydrologic and hydraulic study of the Mahoney Creek Tributary on the east side of Batavia. The purpose of the study is to develop an initial floodplain mapping for this stream. The 1981 FEMA Flood Insurance Study (FIS) for the City included mapping for the Mahoney Creek main-stem, but not its principle tributary. Without regulatory floodplain mapping, subsequent development occurred adjacent to the tributary that has resulted in water quantity, water quality, and riparian ecosystem impairments. Once the floodplain study is complete, the City expects to have baseline information available to begin evaluating improvement alternatives for this stream corridor.

Several SOQ's were submitted and evaluated. Subsequently, RFP's were requested and received from three qualified consultants. Unfortunately, the average consultant fee in the proposal exceeded the amount that the City had budgeted for the study. For the remainder of this reporting period, we have been re-evaluating both the study parameters and the budget to find the best way to complete this study.

PERMIT CONDITION: BMP No. F6: Pollution Prevention/Good Housekeeping: Other Municipal Operations Controls

The City of Batavia proposes to retrofit existing storm sewer and stormwater detention facilities with BMP's as the need for significant repair of these facilities and/or replacements of facility components arise. BMP's will be implemented outside of the need for such maintenance, as funding will allow. The City will complete a study that will develop a comprehensive retrofitting plan and identify locations and priorities to maximize the water quality benefits as early in the program as possible.

Measurable Goal(s), including frequencies: Measurement will be in terms of number of storm sewer structures replaced with BMP structures and number of detention facilities retrofitting.

Milestones: Year 1: Compile records and assess performance of current maintenance/replacement program.
Year 2: Commission study for comprehensive BMP retrofitting and BMP priorities.
Year 3: Begin BMP retrofitting implementation starting with high priority locations.
Year 4: Complete BMP retrofitting on remaining priorities.
Year 5: Full implementation of BMP retrofitting program with scheduled routine maintenance.

COMPLIANCE ACTIVITIES:

1. **Windmill Lakes , Unit 2 Detention Basin Retrofit Project:** As stated in the 2004-2005 permit compliance report, the City of Batavia partnered with the Fox Valley Land Foundation (FVLF), a not-for-profit land protection organization, in early 2005, to retrofit an existing stormwater detention basin on the west side of the city to incorporate water quality best management practices.

In the 2005-2006 reporting period, a design contract was executed with V3 Companies of Illinois, Ltd. to prepare the phase II engineering plans for the detention basin retrofit project. Design and plan preparation work continued throughout the 2005-2006 reporting period.

CURRENTS

FALL 2005

City of Batavia Newsletter

Vol. 17 No. 3

BE RECOGNIZED FOR YOUR HOME IMPROVEMENT EFFORTS

Have you made improvements to your home's exterior or landscaping? If so, we want to hear from you! Mid-Valley Neighborhood Improvement Association's annual Neighborhood Pride event is underway, with entries due Monday, September 12, 2005.

Residents of Batavia may enter their exterior home improvement projects in the categories of Historic Rehabilitation, Exterior Home Improvement, or Landscaping/Front Yard. Or, if you have a friend or neighbor living in the cities or townships of St. Charles, Geneva, or Batavia who has made exemplary improvements to their home's exterior, you may enter them as well.

A representative sample of improved properties in each category will be featured in our Showcase Directory, which will be printed in the Kane County Chronicle, and also available at area locations during Neighborhood Pride Week, October 2-8.

Inclusion in the Directory will be based on space availability and date received, so get your entries in early. For an entry form, see MVNIA's web site at www.mvnia.com or call the office at (630) 584-1996. A "before" and "after" photo must accompany each entry.

COME TO THE FAIR ON SEPTEMBER 24!

Batavia's fourth annual Volunteer Fair will open to the public at 10:00 a.m. on Saturday, September 24, at the Batavia Public Library. More than thirty-five volunteer, charitable and non-profit service organizations from throughout the area will be setting up shop to let Fox Valley residents know what they do and how people can get involved. As in the past, the Batavia League of Women Voters is organizing this year's event.

Every participating organization will have a booth staffed with people to distribute information and answer questions from visitors. They welcome the opportunity to meet the public, tell their stories and recruit new volunteers.

All of last year's 35 participating organizations have been invited back. As of press time, more than 30 have responded that they will return. Five other organizations will be first-timers at this year's fair, and additional groups are welcome as long as space is available.

See Fair on Page 7

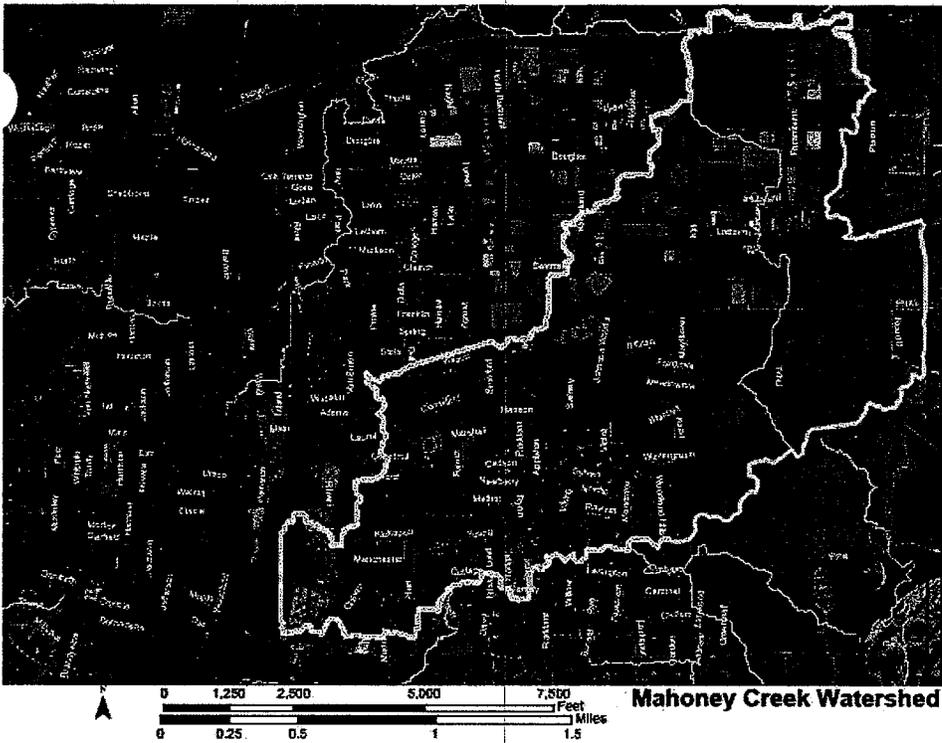
MAHONEY CREEK — A Batavia Original

Its waters are usually found flowing serenely and unobtrusively through the east side of Batavia, methodically pursuing its established course toward the Fox River; a parting gift bequeathed by the retreating glaciers thousands of years ago. With a first or casual glance, most of us would not be aware of the debt we owe to Mahoney Creek for giving us our special place here in the Fox Valley. For it was these waters that caused Christopher Payne to cease his travels in 1833 and become the first permanent settler in a scenic area that would later be known as Batavia. Mr. Payne's distinction was a dual one in that his home on the banks of Mahoney Creek, near the present day intersection of Wilson Street and Kirk Road, also made him the first permanent settler in Kane County.

Having played such an important role in our beginnings, it can truly be said that Mahoney Creek is a Batavia original. As if this special relationship was known long ago, Mother Nature sculpted the landscape such that nearly all of Mahoney

See Creek on Page 2

In This Issue	
Comprehensive Plan Update	2
Exposing an Invisible Killer	4
Sidewalk Installation	5
Fall Checklist	5
Tree Nomination	6
Tree Planting	7
Tri-City Health Fair	7
Tornado Information	8
Leaf Pickup Info	9
Hydrant Flushing	9
Water Hardness Info	9
Brush Pickup Info	10
Calendar and Phone Numbers	11
Water Info	12



Creek from Page 1

Creek's 2.5 square mile watershed lies within Batavia's present day boundaries.

Mahoney Creek begins as a small swale near the south east corner of Kirk Road and Fabyan Parkway. It flows south through the industrial park on Paramount Drive, then southwest along the Burlington Northern railroad tracks and under Kirk Road just north of the Wilson Street intersection. The stream continues its southwestern trek passing under Wilson Street just west of Johnson Woods Drive. Immediately east of the intersection of Raddant Road and Cleveland Avenue, Mahoney Creek is joined by its only tributary; a small intermittent stream that originates on the Fermilab property east of Kirk Road and flows roughly parallel to Wintergreen Terrace. From this confluence, Mahoney Creek continues west and south; passing under Raddant Road, Forest Avenue, Pine Street just west of Hart Road, and South River Street where it joins the Fox River near the Batavia VFW.

Mahoney History

Mahoney Creek was named after Daniel Mahoney, an Irish immigrant that made Batavia his home from 1841 to 1891. Mr. Mahoney lived on Locust Street, near the intersection of Prairie and Pine Streets, and raised five daughters and two sons on the 100-plus acres that he owned in this vicinity. It was probably because of the considerable size of Mr. Mahoney's land holdings on the east side of Batavia that the creek bears his name.

Subsequent years saw additional activity along the banks of Mahoney Creek. Its waters supported agricultural and livestock development, although differing land uses sometimes resulted in mishaps. There was at least one documented case of cows becoming intoxicated after drinking from the creek. Apparently, a group of bootleggers upstream became careless with some of the mash that they were producing. Like the farmers, these same entrepreneurs saw value in locating near

See Creek on Page 3

HELP PLAN BATAVIA'S FUTURE Comprehensive Plan

The Batavia Plan Commission is working on a new Comprehensive Plan for the City. The Comprehensive Plan states the City's goals about a range of issues relating to development of the community. The planning process is expected to take about a year, with a public hearing draft being produced by next fall. During this time there will be numerous opportunities for the public to participate in the planning process. The Commission sees this as essential to developing a successful plan.

The Plan Commission invites members of the community to a Public Forum on September 14, 2005, in the City Council Chambers. The evening will start at 5:30 PM with an Open House. Members of the Plan Commission and City staff will be available to discuss the existing plan, including the Downtown Batavia Master Plan, the update process, and to answer questions. At 7:00 PM the Commission will hold a public hearing to hear ideas and concerns about the existing Comprehensive Plan and the new plan. The Plan Commission is also seeking volunteers to assist in crafting the new Comprehensive Plan.

Come and discuss your vision for the future of Batavia. For more information see the City of Batavia website at www.cityofbatavia.net, or contact city staff at compplan@cityofbatavia.net, or call the Community Development Department at 879-1424.



Creek from Page 2

Mahoney Creek for its accessible supply of water, although for entirely different reasons. Closer to the Fox River, there was once a large limestone kiln built on the north side of the creek at near South River Street that supported quarry operations in the area. Later, builders and developers would find Mahoney Creek an attractive setting to build homes along. Mindful of its place in Batavia history, Mahoney Creek acclimated as the City changed and grew.

Mahoney In 2005

Today, the Mahoney Creek watershed is almost completely urbanized. Industrial development dominates the watershed area east of Kirk Road while residential use characterizes the most of the land from Kirk Road to the Fox River. Those changes though, were not without consequences for the plant and wildlife habitat that comprised the stream corridor ecosystem for the many years prior to the settlement of this region. The idea of managing the additional volume of stormwater runoff from urban developments has only been part of the design engineer's toolbox for the last 30 years or so. Best management practices for stormwater quality and riparian ecosystem protection have only recently appeared on the scene. In addition, much of the Mahoney Creek channel and floodplain today exists in series of many private ownerships; making stream stabilization and floodplain management coordination efforts that much more complicated.

The cumulative effect of all these impacts was quantified in July 2004 when the Sierra Club issued a report of the health of a dozen tributary streams of the Fox River, including Mahoney Creek. Using volunteer efforts, the Sierra Club monitored these streams over a three-year pe-

riod. With a best possible rating being an A+, Mahoney Creek was given a C+, indicating that the stream has degraded over time. With so much of the watershed in the City's jurisdiction, the call seemed to be issued for Batavians to rise to the challenge and come to the aid of one of their own.

Fortunately for Batavia, the solutions to the problems facing Mahoney Creek are fairly straightforward. Most of the answers have their beginnings in developing a larger awareness of this resource as being a natural and historical part of our community. With awareness, we can learn to appreciate the wonderful qualities that Mahoney Creek has and see the possibilities to restore as much of it as possible to a thriving, healthy urban stream ecosystem.

In 2004, the City took a first step in helping to improve local awareness of Mahoney Creek by installing signs identifying the stream at all road crossings. The Kane County Department of Environmental Management provided the signs entitled "Kane County Streams" to the City at no charge. In turn, the Street Department provided the sign for the stream name, the signpost, and the installation of the complete sign assembly. Following awareness with action, City staff and resources were employed in May of this year to assist local volunteer environmental groups in a clean up of the Fox River trails. A portion of this event included cleaning up the debris in the section of Mahoney Creek between South River Street and the Fox River.

Saturday, September 17, 2005 has been designated "Our River Day" by Lieutenant Governor Pat Quinn's office. The City, in concert with the same local environmental groups, has designated this day for a clean up event devoted entirely to Mahoney

Creek. The clean up will target sections of the creek west of Kirk Road, and, appropriately enough will include the area that Christopher Payne first settled back in 1833.

This clean-up will be the first of a series of events intended reclaim Mahoney Creek as a true community asset. Future efforts include a database that the City Engineering Department is currently developing that will include all properties that abut and include Mahoney Creek. The database will be used to distribute Best Management Practice information to property owners to help them in preserving, maintaining, and restoring the riparian areas along the stream. In addition, the City will offer assistance and educational programs in helping property owners toward this end.

Those interested in learning more about the City's stormwater and floodplain management programs and/or volunteering for future clean ups can contact Steve Scheffel in the Engineering Department at 879-1424, extension 414.



Remember to set your clocks back on October 30!!

.....WE'D LIKE TO HEAR FROM YOU!

To provide a means by which you can communicate with Mayor Schielke, the City Council, or City staff, we encourage you to jot down any suggestions, questions or advice you may have for us.

Your responses will be considered by the appropriate city department or person responsible. If you would like to be contacted to discuss your issue in more detail, please supply your name and phone number. Our goal is to improve on services by regular communication with residents. You may return this by mailing it to us at 100 North Island Avenue or drop it in the bill collection box. Thank you

Name

Phone

Currents

Presorted
Standard
U.S. Postage
PAID
Batavia, IL
Permit No. 239

Frequently Used
Telephone Numbers

CITY OF BATAVIA
100 N. ISLAND AVENUE
BATAVIA, IL 60510

City Hall
879-1424

Police Non-emergency
879-2840

Fire Non-emergency
879-1404

Dial-A-Ride
892-1999

Internet
www.cityofbatavia.net

POSTAL CUSTOMER
BATAVIA, IL 60510
E C R W S S



SEPTEMBER	
5	Labor Day —City Offices Closed
6	City Council Meeting NE Quadrant Brush Pick Up
12	SE Quadrant Brush Pick Up
19	City Council Meeting NW Quadrant Brush Pick Up
26	SW Quadrant Brush Pick Up

OCTOBER	
3	City Council Meeting East Side Final Brush Pick Up
10	SE Quadrant Brush Pick Up West Side Final Brush Pick Up
17	City Council Meeting East Side Leaf Pick Up
24	West Side Leaf Pick Up
31	East Side Leaf Pick Up

NOVEMBER	
7	City Council Meeting West Side Leaf Pick Up
11	Veteran's Day —City Offices Closed
14	East Side Leaf Pick Up
21	City Council Meeting West Side Leaf Pick Up
24/ 25	Thanksgiving Holiday —City Offices Closed
28	East Side Final Leaf Pick Up Weather Permitting
Dec 5	West Side Final Leaf Pick Up Weather Permitting

Frequently Used Telephone Numbers

911 Any Emergency
 879-1424 Mayor's Office Ext. 105
 City Administrator's Office Ext. 104
 Utility Billing Questions x251, x252, x253, x254
 Code Enforcement x405
 Building and Inspection x403 and x404
 Engineering x414
 Garbage Pickup/Cable TV —Issues/Complaints—x103
 Public Works-
 Electric Utility x308
 Streets/Storm Sewer/Cemetery x301
 Water Utility/Sanitary Sewer x319
 Waste Water Treatment x430
 879-1404 Fire Department
 Non-Emergency Calls
 879-2840 Police Department
 Non-Emergency Calls
 879-1510 Emergency Services & Disaster Agency (ESDA)
 879-7134 Chamber of Commerce
 879-5235 Batavia Park District
 761-8877 ONYX DISPOSAL
 Please notify the City at 879-1424 x103 of any problems with waste pickup
 800-892-0123 Call J.U.L.I.E. • 48 Hours • **Before You Plan to Dig**
 866-594-1234 COMCAST
 Issues with active service or program? Call 879-1424 Ext. 104

VISIT BATAVIA ON THE INTERNET —www.cityofbatavia.net

CITY OFFICES WILL BE CLOSED ON THE FOLLOWING DATES:

September 5	Labor Day
November 11	Veteran's Day
November 24/25	Thanksgiving Holiday



Remember to set
 your clocks back
 on October 30 !!

Item D: - Proposed March 2005 – March 2006 Permit Activities

PERMIT CONDITION: BMP No. A6: Public Education and Outreach: Other Public Education

The City of Batavia proposes to develop a database of all property owners that abut and include local streams. Best Management Practice information will be mailed and otherwise made available to these property owners to help them in preserving and maintaining the riparian areas along the streams. The City will offer assistance and educational programs toward this end also. The City's plan to acquire GIS capabilities will improve future implementation of this program.

Measurable Goal(s), including frequencies: Goals will include timelines for completion of the property owner database, mailings, and other educational programs.

Milestones: **Year 1:** Complete property owner database.
Year 2: Complete initial contact and mailing.
Year 3: Hold an educational seminar for property owners. Have experts in riparian area management give presentations, etc.
Year 4: Complete GIS integration of property owner database.

PROPOSED ACTIVITIES:

1. **Stream Signing:** As included in the 2004-2005 report, the City assigned the name "Batavia Creek" to one of the un-named tributaries of the Fox River that is within our jurisdiction. Stream signs with the name "Batavia Creek" were installed at several road crossings to raise local awareness of the stream and to foster a sense of local citizen ownership for the stream.

Batavia Creek has one major tributary. This year, we will install stream signs at the one City road crossing of this tributary.

In addition, several potential stream sign locations have been identified along county and state rights-of-way for Batavia Creek and other streams in town. The City will pursue obtaining official permission from the County and State to install the identification signs where the streams cross their rights-of-way.

PERMIT CONDITION: BMP No. B6: Public Participation/Involvement: Program Coordination

The City of Batavia proposes to develop a program, in cooperation with the Batavia Park District, to assist and work with local citizens groups to organize stream clean ups and streambank stabilization and improvement projects for the Fox River and tributary streams within the City's jurisdiction.

Measurable Goal(s), including frequencies: Goals will be set in terms of annual number of stream miles cleaned and stabilized.

Milestones: **Year 1:** Develop and coordinate program with Park District, and initiate contact with local citizens environmental groups.
Year 2: Organize and hold first stream clean-up event.
Year 3: Complete first stream restoration and stabilization project.
Year 4: Continue program with at least one annual project.

PROPOSED ACTIVITIES:

1. **May 20, 2006 Fox River Trail Cleanup:** Scheduled clean-up of the trails and banks of the portion of the Fox River in downtown Batavia. City staff will participate in this event sponsored by the local citizens environmental group, Batavians for a Healthy River (BHR). The City will supply vehicles for debris collection and a dumpster for debris disposal.

2. **Additional Clean ups:** One or more clean-ups are anticipated within the remainder of the calendar year. These events will include both the Fox River and the tributary streams within town. As with previous clean-ups, city staff and equipment will be used to remove and dispose of the collected debris.
-

PERMIT CONDITION: BMP No. F5: Pollution Prevention/Good Housekeeping: Flood Management/Assess Guidelines

The City of Batavia proposes to complete updated hydrologic and hydraulic studies for all perennial and intermittent streams within the municipal boundaries using current data and modeling methodology. In addition to accurately quantifying floodplains and flood risks, these studies will help identify and quantify riparian areas that are eligible for protection as special management areas under the Kane County Stormwater Management Ordinance.

Measurable Goal(s), including frequencies: Complete one study per year in accordance with funding availability. Start implement study recommendations in the first fiscal year after a study is complete.

Milestones: Year 1: (as stated above)
Year 2:
Year 3:

PROPOSED ACTIVITIES:

1. **Mahoney Creek Tributary Study:** The City expects to fully fund and initiate the detailed hydrologic and hydraulic study of this tributary in the 2006-2007 reporting period. This detailed study for the Mahoney Creek Tributary will serve as an interim tool to define flood elevations and boundaries in this currently unmapped stream corridor. The study will also include the evaluation of water quantity, quality, and riparian ecosystem improvement alternatives.
-

PERMIT CONDITION: BMP No. F6: Pollution Prevention/Good Housekeeping: Other Municipal Operations Controls

The City of Batavia proposes to retrofit existing storm sewer and stormwater detention facilities with BMP's as the need for significant repair of these facilities and/or replacements of facility components arise. BMP's will be implemented outside of the need for such maintenance, as funding will allow. The City will complete a study that will develop a comprehensive retrofitting plan and identify locations and priorities to maximize the water quality benefits as early in the program as possible.

Measurable Goal(s), including frequencies: Measurement will be in terms of number of storm sewer structures replaced with BMP structures and number of detention facilities retrofitted.

Milestones: Year 1: Compile records and assess performance of current maintenance/replacement program.
Year 2: Commission study for comprehensive BMP retrofitting and BMP priorities.
Year 3: Begin BMP retrofitting implementation starting with high priority locations.
Year 4: Complete BMP retrofitting on remaining priorities.
Year 5: Full implementation of BMP retrofitting program with scheduled routine maintenance.

PROPOSED ACTIVITIES:

1. **Windmill Lakes , Unit 2 Detention Basin Retrofit Project:** As indicated in Item B, the City of Batavia partnered with the Fox Valley Land Foundation (FVLF) in early 2005 to retrofit an existing stormwater detention basin on the west side of the city to incorporate water quality best management practices. A design contract has been signed and engineering plan preparation is underway.

The City expects to complete the design and engineering plan work for the retrofit project and possibly begin construction in the 2006-2007 reporting period.

Item E: - Permit Obligations Provided by Other Government Entity

NPDES Phase II – 2005-2006 Kane County Activities:

(Kane County Department of Building and Environment)

General:

Note: The following activities were conducted county-wide by Kane County and are intended to satisfy NPDES Phase II permit requirements for these two control measures for local governments within Kane County. The following was adapted from the Kane County 2006 Annual Report submitted with a cover letter from the Department of Building and Environment dated May 26, 2006.

CM 1 - Public Education and Outreach

1. BMP No. A1 – Distributed Paper Material:
Brochure Development and Distribution
GOAL: To print two brochures for distribution.
RESULTS: Due to budget constraints and re-adjusted priorities, the County was unable to print the brochures this year. Kane County will continue to seek means to print these brochures in 2006/2007.
2. BMP No. A2 - Speaking Engagement:
Speaker's Bureau
GOAL: Mail notice of availability to program chairs of local groups and conduct two presentations.
RESULTS: Due to budget constraints and re-adjusted priorities, the County was unable to make this program officially available to groups this year. However, Kane County staff do make presentations to local groups on an as-needed basis. County staff made presentations to the Fox River Ecosystem Partnership, a FoxMAP educational seminar, and other groups in 2005/2006.
3. BMP No. A3 – Public Service Announcement:
Newspaper and Newsletter Articles
GOAL: Place three columns in local newspapers; distribute three articles to municipalities and chambers of commerce.
RESULTS: The County continues to work on developing newspaper and newsletter articles. Due to staff constraints and re-appropriated priorities, we were unable to distribute articles to municipalities and chambers of commerce, but plan to pursue that in the coming year.
4. Other Public Service Announcement Activities:
 - a. School Education – The County contracted with the Kane-DuPage Soil & Water Conservation District (KDSWCD) to conduct related K-12 educational activities in Kane County schools. During the 2005-2006 school year, the District presented water-related programs in several local schools.
 - b. Public Education – The County published the annual edition of “Kane County Recycles” which includes information on household hazardous waste and used motor oil recycling programs. 140,000 copies were distributed in local newspapers.
 - c. The Kane County Stormwater Management Committee Annual Report was prepared and distributed to approximately 400 individuals and organizations in and around Kane County.

- d. The County's Environmental Management Department website was updated in 2006 and now includes improved access to, and information about, flooding and water conservation information for Kane County residents. The Kane County Environmental Management Department website address is www.co.kane.il.us/kcstorm/index.asp.

5. BMP No. A6 – Other Public Education:

Tributary Signage

GOAL: Coordinate installation of tributary signage at ten stream crossings.

RESULTS: Tributary Signage: In 2003, Kane County developed standard tributary identification signs featuring the winning artwork from a student poster contest. The signs were previously placed at 114 stream crossings. During this reporting period, another 23 signs were installed at stream crossings in the Village of South Elgin, Plato, and St. Charles Townships, and one County highway crossing. Both the Kane County Division of Transportation and 10 separate municipalities and townships have participated in installing stream signs.

CM 2 - Public Involvement and Participation

1. BMP No. B5 – Volunteer Monitoring:

Stream Monitoring Program

GOAL: Continue stream monitoring at the previous 10 sites; add 10 additional sites.

RESULTS: The County continued to contract with the Friends of the Fox River to operate its stream monitoring network. A total of 44 locations are now being monitored throughout Kane County.

2. BMP No. B7 – Other Public Involvement:

Stream Clean-up Program

GOAL: Provide financial support to 10 stream clean-up events.

RESULTS: The County provided financial assistance for stream cleanups in Kane County. Through this program local nonprofit environmental groups completed ten clean-up events on the Fox River.

3. BMP No. B7 – Other Public Involvement:

Storm Drain Stenciling Program

GOAL: Coordinate six stenciling events.

RESULTS: The Kane-DuPage Soil & Water District continues to make storm drain stenciling supplies available to local interested groups.

4. Other Public Participation/Involvement Activities:

- a. Public Meetings – Kane County conducted six bi-monthly public meetings of the Kane County Stormwater Management Committee to discuss stormwater management and water quality issues.
- b. Used Motor Oil and Household Hazardous Waste Programs – The County conducted one drop-off event for used motor oil, which was attended by 278 participants. 5,800 gallons of used motor oil were collected for recycling.
- c. The County continued operation of its comprehensive Household Hazardous collection program. The program includes a permanent drop-off facility, a one-day collection event, and a door-to-door collection service. A total of 3,152 households participated in this program during the past year.