

PROGRESS REPORT

April 15, 2003

Illinois Environmental Protection Agency
Implementation of the Fox River Watershed Management Plan – Phase 1

Project Name: Fox River Watershed Restoration Action Strategy Implementation
Contacts: Sarah Nerenberg and Holly Hudson

Attached are progress reports for six of the eight projects as part of the above referenced grant. The West Main Street and Otter Creek projects completed construction and are both working on completing a final report documenting their work and requesting payment for their projects.

NIPC has been working with the Fox River Ecosystem Partnership on the continued development of the Integrated Management Plan for the Fox River Watershed and the development of Watershed Implementation Plans (WIPs) for subwatersheds. Based on USEPA watershed-based plan guidance dated August 2002, NIPC is reconsidering its work on development of subwatershed WIPs to ensure that they now also meet the USEPA guidance. Meetings are being held with three subwatershed groups to review their planning work to date and strategize on how to update their plans to meet USEPA guidance.

A summary of the stream inventory is being prepared. NIPC plans to submit the first stream report, Boone Creek, later this spring for review by IEPA. The data is being shared with subwatershed planning groups to assist in developments of WIPs, WRASSs, and watershed-based plans including Boone, Nippersink, Blackberry, and Poplar Creeks.

Presentations on the funded projects have been made by NIPC staff throughout the watershed to both educate and inspire watershed residents on the 319 program. Currently it looks like as many as nine proposed projects may be submitted for Section 319 funding in the next grant cycle.

LOWER TYLER CREEK WATERSHED PROJECT
PROGRESS REPORT
April 1, 2003

Illinois Environmental Protection Agency
Implementation of the Fox River Watershed Management Plan - Phase 1

Project Name: Lower Tyler Creek Watershed

Contact: Joe Evers, P.E., City Engineer, City of Elgin, Illinois

Project Design

Project Design is complete. The project considered for the IEPA 319 Grant is titled Site 3 of the Tyler Creek Management Plan. The plans and specifications for this site have been completed and were bid on February 14, 2003. The contract was awarded to Landworks, Ltd. of Bolingbrook, Illinois on March 12, 2003. All permits have been secured.

Permits and Landowner Agreements

The project being considered for the 319 Grant (Site 3) encroaches into private property owned by Theresa and Thomas Boswell, of 1711 Kimberly Avenue. The City has received a signed easement from them.

Project Implementation

The project has been permitted through the Army Corp of Engineers and the Kane/DuPage Soil and Water Conservation District.

The project has been bid and the City anticipates starting work after the fish spawning period sometime in late June.

Other Activities

The City has purchased the sign stipulated in the NIPC/CITY agreement.

Additional Information

! Describe and problems you have encountered while working on the project

Property acquisition.
No additional problems.

! Describe lessons learned by you and any collaborators in undertaking the project
Difficulty providing description of benefits to landowners.
None.

BREWSTER CREEK STREAM RESTORATION AND DAM REMOVAL

PROGRESS REPORT

April 1, 2003

Illinois Environmental Protection Agency
Implementation of the Fox River Watershed Management Plan – Phase 1

Project Name: Brewster Creek Stream Restoration

Contact: Karen Kosky, Kane County Environmental Management Department

Project Design

(Scope of Work #1)

The design for the Brewster Creek Dam Removal and Stream Restoration is complete. Copies mailed to agencies and NIPC.

A digital version of the BMP application forms was created, completed, and submitted in hard copy with supporting documentation.

Permits and Landowners Agreements

(Scope of Work #2)

Through discussions with the Army Corps of Engineers, modifications to the regional permit application for Brewster Creek were made, resulting in application for a permit only to construct falsework to support the dam through the notching process, not the activities associated with the physical removal of the dam. A Corps RPP authorization letter was sent to the YWCA in February 2003 and was returned, signed, by YWCA in March. The YWCA is awaiting receipt of the final, executed permit letter. Additional Corps permit will be required for the restoration process.

Likewise, in February 2003, the United States Fish and Wildlife Service (USFWS), in communication with the Army Corps of Engineers, concluded that the project was not likely to adversely affect federally listed endangered species or adversely modify designated critical habitat – and therefore relinquished consultation requirements for the project.

A TAC meeting will be held in April to discuss the bid progress and any issues which will need to be included in a preconstruction meeting.

The project continues to have full support of all landowners involved.

Project Implementation

(Scope of Work #3)

Construction is currently slated to begin in May 2003, depending on contractor selection, weather conditions, and consensus of the sub-group of the TAC overseeing the notching process.

The United States Geological Survey (USGS) continues to coordinate monitoring activities with the USGS, IDNR – Fisheries, IDNR – Office of Water Resources, and the Shedd Aquarium. The USGS monitoring stations are actively collecting data which is available to see through a link at <http://www.co.kane.il.us/kcstorm/brewster/index.htm> .

Other Activities

Other Scope of Work items, in order:

#4. Stream Restoration Workshops

A workshop entitled “Understanding Dam Modifications in Northeast Illinois” is being hosted by the Kane County Environmental Management Department on June 3, 2003. The workshop is aimed at giving county and municipal staff and elected officials factual, objective, information on modification alternatives for dams in Northeast Illinois. The Brewster Creek project will be presented and will give attendees an idea of the scope of the planning process, the obstacles encountered, and the current status of the project.

The Dam Modifications workshop is being conducted in conjunction with a one-day workshop entitled “River Restoration Practices and Concepts: Beyond the Basics of Dam Removal and Modification” on June 4, 2003. Both workshops are to be held at Elgin Community College, Elgin, IL.

Draft agendas of both workshops are attached.

#5. Stream Restoration Videotapes

An outline and draft script is being developed. Producers have been identified and are submitting a proposal to Kane County. Producers are affiliated with Northern Illinois University and have experience producing documentary films.

#6. Signage

BMP signs will be installed prior to beginning of construction in May. Attached is the final design for the sign.

#7. Operation & Maintenance Plan

Draft Operation & Maintenance (Maintenance and Monitoring) Plan is complete and was submitted with permit applications. Also to be included in BMP Application Form hard copy mailing (sent to NIPC in January 2003.)

#8. Brewster Creek Monitoring Project: Quality Assurance Project Plan

USGS completed the QAPP prior to beginning the monitoring of Brewster Creek in June 2002.

#9. Brewster Creek Monitoring Project: Monitoring Data Reporting

Data will be reported upon completion of first year of monitoring, by May 2003.

#10. Brewster Creek Monitoring Project: Monitoring Project Evaluation and Report

Annual report will be completed after first year of monitoring, by May 2003.

#11. Project Documentation

Project final report will be prepared by December, 2003. 'Before' photographs and video have been taken in preparation for said report.

Project Schedule Progress Table:

Brewster Creek Stream Restoration and Dam Removal

Description	Completion Date	Completed
1. Design Specifications Draft Design Final Design	August 1, 2002 October 1, 2002	X X
2. Design Implementation Complete Installation and Construction Photographic Documentation	January 1, 2004 April 1, 2004	
3. Stream Restoration Videotape Script submitted Draft Final	December 15, 2003 March 15, 2004 May 1, 2004	
4. Stream Restoration Workshop Draft Agenda Final Agenda Complete	December 1, 2003 March 1, 2004 May 1, 2004	X
5. Signage Sign Design Sign Installation	October 1, 2002 February 1, 2003 (or before BMP installation, whichever is first)	X
6. Operation and Maintenance Program Draft O&M Plan Final O&M Plan	October 1, 2002 December 1, 2003	X
7. Project Documentation Draft Project Report Final Project Report Progress Reports	December 1, 2003 February 1, 2004 July 1, 2001 October 1, 2001 January 1, 2002 April 1, 2002 July 1, 2002 October 1, 2002 January 1, 2003 April 1, 2003	X X X X X X X X

Brewster Creek Monitoring Project

Description	Completion Date	Completed
1. Quality Assurance Project Plan QAPP Implement QAPP Pre-dam Removal Monitoring During Dam Removal Monitoring Post Dam Removal Monitoring	May 1, 2002 April 30, 2004 January 1, 2003 January 1, 2004 April 30, 2004	X
2. Monitoring Data Reporting Diskette of First Year Data on NPSMS Diskette of First Year Data for STORET Diskette of Second Year Data on NPSMS Diskette of Second Year Data for STORET	May 31, 2003 May 31, 2003 May 31, 2004 May 31, 2004	
3. Monitoring Project Evaluation and Report First Year Annual Report Second Year Annual Report	May 31, 2003 May 31, 2004	

Additional Information

A website has been developed to better communicate project progress with TAC members and others, and also to facilitate communications during the construction phase. The website may be found at <http://www.co.kane.il.us/kestorm/brewster/brewster.htm>

The website contains photos, progress reports, monitoring reports, and links to monitoring data, and will be updated as new information is produced.

The USGS data for Brewster Creek is available for viewing online at <http://il.water.usgs.gov/nwis-w/IL/?statnum=05551030> .

FOX RIVER STREAMBANK STABILIZATION

PROGRESS REPORT

April 1, 2003

Illinois Environmental Protection Agency
Implementation of the Fox River Watershed Management Plan – Phase 1

Project Name: Fox River North Watershed Improvement

Contact: Kenneth N. Anderson, Jr., Kane County Department of Environmental Management

Project Design

The consultant Earth Tech, Inc. submitted the required documentation to NIPC and IEPA and the project has received acceptance from the IEPA as proposed.

Permits and Landowners Agreements

The County has received signed Intergovernmental Agreements from the Villages of Carpentersville and West Dundee. The Village of East Dundee has obtained landowner agreements and easements for access to private properties within their Village. All landowner agreements have been secured for this project.

All required permits have been secured from U.S. Army Corps of Engineers (Corps) and the Illinois Department of Natural Resources. Various conditions have been required by the two agencies.

Project Implementation

Construction continued through most of the winter season. Tree removal has occurred at all locations with the exception of Sleepy Creek. A-Jax structures were installed at South End Park, Carpenter Creek and a portion of No-Name Creek. Coir fiber rolls were installed at Carpenter Creek. Some issues have been raised at Carpenter Creek with the installation of A-Jax structures and coir fiber rolls. The issues are to be addressed with the contractor and engineer.

The contractor is proposing to continue work on No-Name Creek and then proceed to Sleepy Creek.

Other Activities

Earth Tech Inc. has been hired to do construction observation and has been conducting site visits to insure compliance with the plans and soil erosion and sediment control requirements.

The County is working with Mr. Gary Swick (Dundee-Crown High School Teacher) on the development of a video. Videotaping is being conducted on the construction activities. A draft outline will be forthcoming sometime this spring.

All of the six identification signs have been installed at various locations within the project. Village personnel completed this task.

In addition to the original proposed improvements two additional areas are being evaluated for further streambank stabilization. One area is located on the east side of the Fox River just north of Illinois Route 72 and the other area is an area west of the proposed improvements located on Four Way Winds Creek. These two sites will be engineered and brought through the permit process. The goal is to install the recommended improvements while the contractor is actively on site. Schedule of activities will be forth coming.

GREATER RACEWAY WOODS ECOSYSTEM PROJECT

PROGRESS REPORT

April 1, 2003

Illinois Environmental Protection Agency
Implementation of the Fox River Watershed Management Plan – Phase 1

Project Name: Greater Raceway Woods Ecosystem Project

Contact: Karen Kosky, Kane County Environmental Management Department

ACTIVITIES OCCURRING DURING PROGRESS REPORT PERIOD

Project Design

(Scope of Work #1)

Civil Design Group has completed a draft design for the outlet structure to the pond on Shaw Creek*. Work has begun to develop a final design.

The Natural Resources Conservation Service, NRCS, Plainfield Office, has also completed plans for the streambank stabilization on Shaw Creek*.

Civil Design Group will incorporate the two plans together for joint permit application and bid.

Permits and Landowners Agreements

(Scope of Work #2)

A private landowner, the owner of the pond, indicated initial willing participation in the outlet structure portion of the project. As details about engineering plans are developed, owner will be contacted again to proceed with agreements.

Several individuals own land comprising the Shaw Creek* corridor adjoining Raceway Woods. Easements have been granted for this project along said corridor. A final purchase agreement has been reached between the Kane County Forest Preserve District and Dundee Township for ownership of a large section of the Raceway Woods parcel.

Permit applications for this work will be submitted to all appropriate agencies upon completion of the final engineering design phase.

Project Implementation

(Scope of Work #3)

The construction phase of this project will begin after the design phase has been completed, construction documents have been developed, and a qualified restoration/engineering firm have been selected.

Other Activities

Other Scope of Work items, in order:

#4. Signage

A sign design is complete, and is attached here for review.

#5. Operation and Maintenance Plan

Civil Design Group is preparing an Operation and Maintenance Plan for the outlet structure. A draft will be complete in February 2003.

#6. Project Documentation

Project reports will be prepared upon near completion of the construction phase of this project.

Description	Completion Date	Completed
1. Design Specifications Draft Design Final Design	January 3, 2003 February 28, 2003	X
2. Permits and Landowner Agreement Draft Arrangement Executed Arrangement	January 3, 2003 February 28, 2003	
3. Design Implementation Complete Installation and Construction Photographic Documentation	September 30, 2003 April 1, 2003	
4. Signage Sign Design Sign Installation	February 28, 2003 June 30, 2003 (or before BMP installation, whichever is first)	X
5. Operation and Maintenance Program Draft O&M Plan Final O&M Plan	February 28, 2003 November 28, 2003	
6. Project Documentation Draft Project Report Final Project Report Progress Reports	November 28, 2003 December 31, 2003 July 1, 2002 October 1, 2002 January 1, 2003 April 1, 2003 July 1, 2003 October 1, 2003	X X

Additional Information

*Dundee Township is pursuing a new name for the creek which runs through Raceway Woods and is tributary to the Fox River - "Shaw Creek."

NIPPERSINK CREEK CONSERVATION ENGINEER

PROGRESS REPORT

April 1, 2003

Illinois Environmental Protection Agency
Implementation of the Fox River Watershed Management Plan – Phase 1

Project Name: Nippersink Creek Conservation Engineer

Contact: James Jentzen

Tasks

- 1) Hire Engineer –The engineer started work on September 4, 2001.

Task 1 is complete.

- 2) Technical Assistance

Meetings:

1/2/03 Cindy Skrukrud –North Branch Nippersink Creek Richmond Resource Inventory

1/8/03 Klehm Wetland Meeting

1/9/03 Nippersink Creek Planning Committee

1/13/03 Land Alliance Meeting- Woodstock

1/16/03 Nippersink Creek Collaboration Meeting-Prairie Club

2/6/03 Nippersink Planning Committee

2/7/03 Nippersink Collaboration Work Plan Meeting

2/14/03 McHenry SWCD-CE position

2/25/03 Meet with WRC to discuss CE position and Kishwaukee GIS project

3/4/03 Outreach meeting in Woodstock

3/7/03 Nippersink Creek Planning Committee meetings

3/11/03 McHenry County Stormwater Committee Meeting

3/14/03 TNC Project Organization meeting in Chicago

3/17/03 MCCD Natural Resource Staff meeting

3/21/03 Roger Dahlstrom Boone Creek Watershed Study presentation at USFWS Barrington

Site Visits:

1/17/03 Knickerbacker Road

2/18/03 Wonder Lake upstream property owners/Petska Eligibility Review with Jim Jensen
NRCS

Presentation

1/27/03 Stream bank protection with Wonder Lake Upstream property owners (Cancelled at last minute due to illness of community organizer)

3) Projects:

Prairie Club-Reviewed project with Julie Sacco, Executive Director and McHenry County SWCD interested in stream bank project but not a good candidate for funding with SSRP this year.

Richmond Wetlands-Contacted group to discuss changes in staff at USFWS and impacts to funding and other available funding opportunities.

Petska-Landowner with approximately 600 feet of stream bank on Nippersink that will be making SSRP application-October work planned. Project was reviewed by Jim Jensen of NRCS and will be recommended for funding approximately 250 of stream bank protection work. Landowner will submit application prior to May 03.

Klehm Wetland Project -working to develop a relationship with landowner and developer who own 200 acre wetland along Silver creek in Woodstock. The objective is to get the land in a protection program or ownership and to develop concepts for ecologic restoration and hydrologic function enhancement of wetland and floodplain.

Sobczak Habitat Restoration- Resubmitted a previous application for Habitat Restoration Funding for 4 acres adjoining Nippersink Creek in Greenway Township. Funding application was not approved. Seeking additional sources of funding.

4) Annual Report

(Due July 15, 2002)

Final Annual Report Submitted August 1, 2002

5) Project Documentation

(Due July 1, 2003)

No Activity

Payment Schedule

1	\$6,000	Hire Conservation Engineer	Task Completed/Invoiced and Paid
2	\$6,000	Submittal of Final Education Work Strategy	Task Completed/Invoiced and Paid
3	\$27,000	First Annual Report	Task Completed/Invoiced and Paid
4	\$27,000	Final Report	to be completed
5	\$6,598	Completion of Project Report	to be completed

BOONE CREEK WATERSHED RESTORATION ACTION STRATEGY

PROGRESS REPORT

April 1, 2003

Illinois Environmental Protection Agency
Implementation of the Fox River Watershed Management Plan – Phase 1

Project Name: Development of a Watershed Restoration Action Strategy (WRAS) for Boone Creek

Contact: Dennis Dreher, Northeastern Illinois Planning Commission

Project Design

NA

Permits and Landowners Agreements

NA

Project Implementation

NA

Other Activities

During this period the project technical advisory committee met to finalize its review of the draft watershed plan. Draft watershed resource maps also were completed. Plans were made for a workshop of watershed stakeholders which was held on February 26. The workshop was attended by approximately 50 landowners, local government officials, and agency and organization representatives. After being briefed on the plan's findings and draft recommendations, participants split into breakout groups to voice their buy-in and identify next steps.

Final plan and map revisions are underway. Initial preparations have been made for the development of an executive summary and a presentation to take out to local government organizations and other potential stakeholders in and adjacent to the watershed.