

PROGRESS REPORT

January 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 of their projects last quarter. They are both working on completing a final report documenting their work and requesting payment for their projects. A progress report is included for the Boone Creek WRAS project which was added to the agreement this past quarter.

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. A summary of the stream inventory is being prepared. The data is being shared with subwatershed planning groups to assist in developments of WIPs and WRASs including the Boone Creek effort funded under this agreement.

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.

LOWER TYLER CREEK WATERSHED PROJECT
PROGRESS REPORT
January 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

The subject project involves one site of a total of 26 sites within plans. The full set of plans has been resubmitted to Army Corp. to address comments in their Regional Permit Program Authorization dated (by Joe Evers) December 14, 2001. Plans also have been resubmitted to IDNR-OWR.

The site numbers in the latest set of plans are 3, 5, 12, and 13 which they will permit together. For reference only, site 5 is generally located behind Creekside School, site 3 is generally located at the end of Kimberly Drive in Eagle Heights, site 12 is located behind Spring Grove Condominiums, and site 13 is located behind a townhome along the north side of Tyler Creek just west of Garden Crescent Drive. For the purpose of this progress report, the 319 Grant only is being applied to site 3.

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 recently (October 24, 2002) received a signed easement from them.

Project Implementation

The project has been permitted through the Army Corp of Engineers with conditions that should be addressed by the latest plans.

The project would be bid upon Army Corp permit of all four sites, IDNR permit (if necessary), and approval from NIPC. City anticipates bidding in December or January 2003. Most likely Elgin will need an extension to the deadlines itemized in the NIPC agreement.

Other Activities

Plan modifications prepared by Hey and Associates completed.

Additional Information

- ! Describe any problems you have encountered while working on the project
Property acquisition.

Because of the unique shape of the particular parcel at site 3, legal descriptions were difficult to develop. Homeowners were slow to respond to easement request.

- ! Describe lessons learned by you and any collaborators in undertaking the project
Difficulty providing description of benefits to landowners.

BREWSTER CREEK STREAM RESTORATION AND DAM REMOVAL

PROGRESS REPORT

January 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

ACTIVITIES OCCURRING DURING PROGRESS REPORT PERIOD

Project Design

(Scope of Work #1)

The new design for the naturalized approach to the Brewster Creek Dam Removal and Stream Restoration is complete in final format. Copies have been mailed to agencies with permit applications. Copy requested to be mailed to NIPC.

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

Permits and Landowners Agreements

(Scope of Work #2)

A joint permit application and pre-discharge notification was submitted to the Army Corps of Engineers on October 29, 2002. Pre-discharge notification also was sent to the U.S. Fish and Wildlife Service and the Illinois Department of Natural Resources – Office of Water Resources. The application was not copied to the Illinois Environmental Protection Agency because IEPA granted Section 401 certification with conditions for all regional permits except RP13 and activities in certain waterways under RPs 4 and 8.

If response to the public notice of the permit applications is great, another TAC meeting will be held to discuss those comments. Otherwise, a TAC meeting will be scheduled to review bid documents.

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

Project Implementation

(Scope of Work #3)

Construction is currently slated to begin in March 2003, depending on site conditions, USGS monitoring status, and consensus of the group overseeing the notching.

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. IDNR – OWR conducted topographic surveying this quarter and has delivered the data to the USGS.

Other Activities

Other Scope of Work items, in order:

#4. Stream Restoration Workshops

No work has been done to date

#5. Stream Restoration Videotapes

Partial draft script has been developed in conjunction with the Fox River North Watershed Improvement 319 project video. Sources for video production are being investigated.

#6. Signage

Installation of the BMP sign will be complete at the beginning of the construction phase.

#7. Operation & Maintenance Plan

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

Brewster Creek Stream Restoration and Dam Removal

Description	Completion Date	Completed
1. Design Specifications		
Draft Design	August 1, 2002	X
Final Design	October 1, 2002	X
2. Design Implementation		
Complete Installation and Construction	January 1, 2004	
Photographic Documentation	April 1, 2004	
3. Stream Restoration Videotape		
Script submitted	December 15, 2003	
Draft	March 15, 2004	
Final	May 1, 2004	
4. Stream Restoration Workshop		
Draft Agenda	December 1, 2003	

Final Agenda Complete	March 1, 2004 May 1, 2004	
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/kcstorm/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>.

- Describe any problems you have encountered while working on the project

After initial submittal of regional permit application to Army Corps of Engineers, Corps staff responded with an Individual Permit requirement. After communication, realized there was a misinterpretation of design plans, and regional permit will again be sought. In future, we will encourage better participation by TAC members in order to avoid misinterpretations like this. Slight delay in permitting process may be realized due to initial deferment to Individual Permit.

- Describe lessons learned by you and any collaborators in undertaking the project

FOX RIVER STREAMBANK STABILIZATION

PROGRESS REPORT

January 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

ACTIVITIES OCCURRING DURING PROGRESS REPORT PERIOD

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. Landowner agreements continue to be processed within the Village of West Dundee, they have secured all but one landowner agreement

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 has begun with the initial activities being the removal of trees and other vegetation. The South End Park portion of this project has begun with the installation of the A-Jax structures. Structural construction has begun on Carpenter Creek. Once Carpenter Creek is completed the contractor anticipates moving to No-Name Creek.

Other Activities

The County has conducted weekly site visits. 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 winter.

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

The improvements proposed for Four Way Winds Creek property can begin due to the purchase of this property by the Kane County Forest Preserve District. The original landowner was not interested in signing the landowner agreement because he thought it would impact the sale of his land to the Kane County Forest Preserve.

The County has proposed to NIPC an extension of stream bank improvements along the east side of the Fox River just North of Illinois Route 72. The additional land will include about 600' and involve 5 private landowners. It is anticipated that the cost for these improvements would be \$134,520.00. Once the County secures landowner agreements for this area, the engineering and permitting process will proceed.

Additional Information

- Describe any problems you have encountered while working on the project.
- Describe lessons learned by you and any collaborators in undertaking the project.

GREATER RACEWAY WOODS ECOSYSTEM PROJECT

PROGRESS REPORT

January 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 is nearing completion of a design for the outlet structure to the pond on Shaw Creek*. The draft design is slated to be complete in January, 2003.

The Natural Resources Conservation Service, NRCS, Plainfield Office, also is preparing plans for the streambank stabilization on Shaw Creek*. The draft design for the stabilization measures also will be complete in January, 2003.

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 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 has been selected.

Other Activities

Other Scope of Work items, in order:

#4. Signage

A sign design is being prepared, and will be submitted to NIPC in February.

#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	
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)	
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."

- Describe any problems you have encountered while working on the project
- Describe lessons learned by you and any collaborators in undertaking the project

NIPPERSINK CREEK CONSERVATION ENGINEER

PROGRESS REPORT

January 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:

- 10/2/02-Watershed Development Ordinance Public Meeting in McHenry
- 10/3/02-Nippersink Creek Watershed Planning Committee and Conservation Engineer Steering Committee
- 10/7/02-MCCD/NRM staff meeting
- 10/16/02-FREP meeting in St. Charles-Otter Creek Restoration
- 10/17/02-Nippersink Outreach Meeting at Prairie Club.
- 10/23/02-MCCD/NRM staff meeting,
- 10/23/02-Watershed Development Ordinance Technical Comment Meeting
- 10/29/02-Met with Charlie Elderedge Certare Real Estate to Discuss Richmond Projects
- 10/30/02-Ray Eisebrenner IDNR to discuss projects.
- 11/4/02-Fox Valley Land Trust Alliance in Elgin
- 11/7/02-Public Comment on the Watershed Development Ordinance at McHenry County Planning and Development.
- 11/18/02-MCCD/NRM staff meeting
- 11/25/02-Charlie Elderedge Certare Real Estate, Richmond Projects
- 12/2/02-MCCD/NRM
- 12/03/02-Ed Collins-Potential Future funding
- 12/10/02-Dick Hilton –funding possibilities
- 12/11/02-Cindy Skrukud program future and funding
- 12/23/02-Laurel Ross discussion of project status and direction for new Program Director

Site Visits:

- 10/1/02-Old Mill Inn-Wonderlake
- 10/02/02-McGrath residence Barnard Mill Rd.

- 10/02/02-Harvey Jones Residence Barnard Mill Rd.
- 10/28/02-Brad Woodson at Richmond Wetland site.
- 11/1/02 Alden Township stream excavation, contacted SWCD, filed complaint with County
- 11/22/02-Arnold Klehm wetland development in Woodstock
- 11/26/02-Larry Jacobson Wonderlake Properties.
- 12/4/02-Jeff Littauer, Royal Oak Farms-development plans
- 12/7/02-Petska property in Richmond; Irene Dunbar and parents in Wonderlake

Presentations

- 10/9/02-Presented Why Watershed? focus on the Nippersink at MCCD Weidrich Barn

3) Projects:

- Prairie Club-New Project Contact that can direct project. They will likely make SSRP grant application for October work.
- Richmond Wetlands-continuing interest in restoration of wetland along Nippersink creek. Seeking to get on the public works meeting agenda to formalize the Villages role and project organization. Working with Charlie Elderedge who has interest in my participation in review of bypass impacts and wetland polishing ponds for WWTP.
- Petska-Landowner with approximately 600 feet of stream bank on Nippersink that will be making SSRP application-October work planned.
- Lehman-working with Ray Eisebrenner IDNR to create 20 acre shallow wetland pond. Landowner contact in progress.

4) Annual Report

(Due July 15, 2002)

First 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 – (awaiting payment)
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

January 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 discuss the inventory and assessment of the watershed and to review preliminary recommendations for watershed protection and restoration. A preliminary draft WRAS report has been prepared in preparation for the next advisors meeting in early January.

Additional Information

- Describe any problems you have encountered while working on the project
- Describe lessons learned by you and any collaborators in undertaking the project