Illinois Environmental Protection Agency

Bureau of Water
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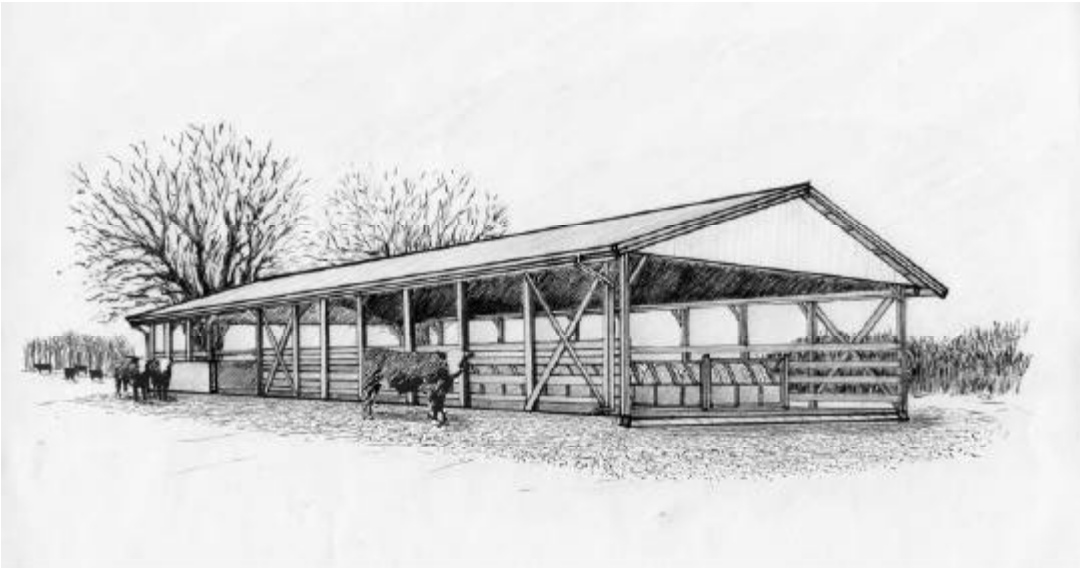
September 2005

State of Illinois
Section 319- Biannual Report



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Grants issued by USEPA under Section 319 of the Clean Water Act include a condition requiring the submittal of a status report every six months. This report is prepared to satisfy that condition and publicize the Illinois Environmental Protection Agency's accomplishments in controlling nonpoint source pollution.

Nonpoint source pollution is the diffuse, intermittent runoff of pollutants from various sources. Precipitation moving over and through the ground picks up pollutants from these sources and carries them into rivers, lakes, and ground water. Major sources that contribute to Illinois' nonpoint source pollution problems are agriculture, construction erosion, urban runoff, hydrologic modifications, and resource extraction activities.

The Clean Water Act of 1987 included a new national initiative to help states develop innovative nonpoint source pollution control strategies. Under Section 319 of the Clean Water Act, USEPA provides grants to states for the implementation of approved nonpoint source management programs. Funding under these nonpoint source program implementation grants has been used in Illinois to finance projects that demonstrate cost-effective solutions to nonpoint source problems and that promote the public's knowledge and awareness of nonpoint source pollution. For more information on Illinois EPA's nonpoint source water pollution control grant program or on specific grant projects, contact:

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ASSESSMENT OF NONPOINT SOURCE POLLUTION

The Illinois Environmental Protection Agency's (EPA) Assessment of Nonpoint Source Impacts on Illinois Water Resources (Assessment) was developed in response to the 1987 amendments to the Clean Water Act (CWA). The Assessment report addresses the extent, causes, and effect of nonpoint source pollution in Illinois and is used to assist the state in acquiring CWA Section 319 federal funds. These funds are used to support both statewide and local implementation projects to protect water resources and/or correct water quality problems caused by nonpoint source pollution. The Assessment was published in August of 1988. Update of the Assessment is achieved through the biennial Illinois Water Quality Report required by Section 305(b) of the CWA. The following section describes the Illinois EPA's most recent nonpoint source assessments of surface and ground water resources. Assessment methodologies are described in the original Assessment as well as in biennial Illinois Water Quality Reports (305(b) report).

Streams

For the 2002 cycle 305(b) report, a total of 15,993 of the 87,110 stream miles (18.3%) in Illinois were assessed for the degree of overall use support. Statewide assessments were based on both evaluated and monitored levels of assessment.

Designated Use Assessments for Streams

Category	1992 Miles Assessed	1994 Miles Assessed	1996 Miles Assessed	1998 Miles Assessed	2000 Miles Assessed	2002 Miles Assessed
Use Impairments by Nonpoint Sources Only	4,657	4,729	12,811	9,561	3,604	3,325
Use Impairments by Point & Nonpoint Sources	3,034	2,464	3,203	2,882	1,742	1,798
Use Impairments by Point Sources Only	79	64	3,024	115	97	116
No Use Impairments	6,211	6,893	16,137	15,890	9,861	10,694
Total Assessed	13,981	14,150	35,175	28,448	15,304	15,933
Waters Needing Additional NPS Corrective Action	7,691	7,193	16,014	12,443	5,346	5,123

Almost 10,694 miles (67.1%) of streams in Illinois are fully supporting designated uses. However, 5,239 miles (32.9%) of streams have been identified as being impacted by point and/or nonpoint sources to the degree that uses are impaired. Of those 5,239 miles, 5,123 miles have nonpoint source pollutants contributing to the stream being designated as less than full support. Therefore, 5,123 miles (32.2%) of the streams in Illinois have been identified as "perennial waters within the State which, without additional action to control nonpoint sources of pollution, cannot reasonably be expected to obtain or maintain applicable water quality standards or the goals and requirements of the Clean Water Act."

Designated Use Assessments for Streams

Category	1992 % of Assessed	1994 % of Assessed	1996 % of Assessed	1998 % of Assessed	2000 % of Assessed	2002 % of Assessed
Use Impairments by Nonpoint Sources Only	33.3	33.4	36.4	33.6	23.6	20.9
Use Impairments by Point & Nonpoint Sources	21.7	17.4	9.1	10.1	11.4	11.3
Use Impairments by Point Sources Only	0.6	0.5	8.6	0.4	0.6	0.7
No Use Impairments	44.4	48.7	45.9	55.9	64.4	67.1
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
Waters Needing Additional NPS Corrective Action	55.0	50.8	45.5	43.7	35.0	32.2

Agriculture is the most frequently identified "source" of stream related nonpoint pollution in Illinois. Hydrologic modifications, urban runoff, and resource extraction, in descending order of magnitude, are other major nonpoint sources contributing to streams not attaining full support ratings. Nutrients and siltation were the greatest "causes" of streams not attaining full support ratings. Habitat alterations and organic enrichment were other major causes of nonpoint source pollution.

Lakes

For the 2002 cycle 305(b) report, the inland lake assessment included 369 lakes covering 150,707 acres and representing 60.5% of the 248,922 acres of inland lakes in Illinois.

Designated Use Assessments for Lakes

Category	1992 Acres Assessed	1994 Acres Assessed	1996 Acres Assessed	1998 Acres Assessed	2000 Acres Assessed	2002 Acres Assessed
Use Impairments by Nonpoint Sources Only	83,920	67,670	74,105	78,537	86,310	95,585
Use Impairments by Point & Nonpoint Sources	103,138	62,052	56,619	63,358	43,853	44,059
Use Impairments by Point Sources Only	47	0	0	0	0	0
No Use Impairments	18,976	57,877	57,319	46,393	24,632	11,063
Total Assessed	206,081	187,742	188,043	188,288	154,795	150,707
Waters Needing Additional NPS Corrective Action	187,058	129,722	130,724	141,895	130,163	139,644

Of the 150,707 lake acres assessed in Illinois, 11,063 acres (7.3%) fully support designated uses. All of the assessed lakes not attaining full support, 139,644 acres, have been impaired by nonpoint source pollution to some extent. Therefore, additional action to control nonpoint source pollution could benefit these lake acres.

Designated Use Assessments for Lakes

Category	1992 % of Assessed	1994 % of Assessed	1996 % of Assessed	1998 % of Assessed	2000 % of Assessed	2002 % of Assessed
Use Impairments by Nonpoint Sources Only	40.7	36.0	39.4	41.7	55.8	63.5
Use Impairments by Point & Nonpoint Sources	50.0	33.1	30.1	33.6	28.3	29.2
Use Impairments by Point Sources Only	0.0	0.0	0.0	0.0	0.0	0.0
No Use Impairments	9.2	30.8	30.5	24.6	15.9	7.3
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
Waters Needing Additional NPS Corrective Action	90.8	69.1	69.5	75.4	84.1	92.7

Agriculture, recreational activities, contaminated sediments (in-place contaminants), hydrologic/habitat modification, and urban runoff were identified as frequent "sources" of lake related nonpoint source pollution in Illinois. Nutrients, suspended solids, siltation, and organic enrichment were identified as the greatest "causes" of lakes not attaining full support ratings.

Limited data have been collected by the Illinois EPA on Illinois River backwater lakes. Data that are available are now considered too old for proper assessment purposes (i.e., >15 years). Therefore, use support attainment assessments have been made for the vast majority of these resources. However, excessive sedimentation is known to exist in portions of the mainstem river (i.e., Peoria Lake) and the majority of the backwater lakes. Information provided by the Illinois Department of Natural Resources show that the rate of sedimentation and volume lost due to sedimentation are severely impacting the ability of these shallow, nutrient rich resources to support recreation, flood control, aquatic life and other beneficial uses.

Lake Michigan

Lake Michigan includes a total of 63 shoreline miles, forming the northeastern portion of Illinois' border. All 63 miles were rated full support for overall use and aquatic life use. For swimming use, 13.8 miles of Illinois' beaches were rated full use, 14.4 miles were rated partial support, 28.2 were rated as nonsupport, and 6.6 miles were not assessed. All 63 miles of the Illinois shoreline were rated full support/threatened for drinking water uses but were rated as non-support for fish consumption.

Priority organics, PCBs and pathogens pose a potential major impact along the entire 63 miles of Illinois Lake Michigan shoreline. This is primarily due to the tendency of priority organic compounds to bioaccumulate in fish flesh even though rarely detected in water column samples. Major sources of pollutants along the Illinois shore of Lake Michigan are urban runoff, atmospheric deposition, and contaminated sediments. Contaminated sediments refer to Illinois harbors with heavily polluted sediments.

Wetlands

Wetlands are valuable resources that improve the quality of life in Illinois. Wetlands can play an important role in the reduction of NPS pollution and in the improvement of water quality. Illinois once contained more than eight million acres of wetlands. Currently, approximately 1.2 million acres remain. A summary of relative abundance of wetlands in Illinois is illustrated below**.** Wetlands provide valuable habitat for the State's threatened and endangered species, fish and shellfish, waterfowl, and other wildlife. Wetland benefits include: flood conveyance and storage, groundwater recharge, barriers to waves and erosion, sediment control, timber production, education and research, open space and aesthetic values, water quality improvement, and recreation. Demands for improved public health and safety and the pressures of economic development in Illinois continue to threaten the remaining wetlands with modification, degradation, and conversion. Alteration methods include dredging, filling, bridge construction, drainage, flooding, and construction of dikes and levees.

Relative Abundance of Wetlands in Illinois

	Southern Illinois		Central Illinois		Northern Illinois		Statewide Total	
	Acres	%	Acres	%	Acres	%	Acres	% of Total Acres
Total Wetlands	612,300	49	357,900	29	283,500	23	1,253,700	100
Natural Wetlands	519,300	57	196,900	21	201,400	22	917,600	73
Artificial Wetlands	92,500	28	161,000	48	82,000	24	335,500	27
Palustrine Wetlands	587,200	50	317,088	27	270,112	23	1,174,400	94
Lacustrine Wetlands	14,500	29	27,550	55	7,950	16	50,000	4
Riverine Wetlands	9,800	33	12,700	43	6,800	23	29,300	2

Ground Water

To assess ground water quality, the Illinois EPA operates an ambient network of community water supply network wells consisting of 351 fixed locations. Within this network, 311 wells are rated as full support, 35 are rated as partial support, and 5 are rated as nonsupport.

ILLINOIS NONPOINT SOURCE MANAGEMENT PROGRAM

The Illinois EPA's Illinois Nonpoint Source Management Program (Program) report was completed in 1989 in response to Section 319 of the 1987 Clean Water Act (CWA). In 1994, the Program report was completely revised and updated. In 1997, the Illinois EPA initiated 1) a self-assessment of the Program report utilizing U.S. EPA's suggested outline (Nine Key Elements) and 2) a revision of the Program report to satisfy the requirements of U.S. EPA's 1997 Nonpoint Source Program and Grant's Guidance. In 1999, the Illinois EPA completed its revisions and received USEPA approval of the Program report for upgraded status. In 2000, U.S. EPA approved Illinois' Nonpoint Source Management Program for Enhanced Benefits Status.

The Program report provides an overview of program initiatives that will be utilized to address water resource problems as identified in the Assessment report. The Program report supplements the Illinois Water Quality Management Plan (WQMP), which included the initial program material from which the Program report was developed. The purpose of the Program report is to address new initiatives and the informational requirements of the CWA, and to provide guidance in the management of nonpoint source water pollution problems in Illinois. The Program report contains the following:

1. Identification of best management practices (BMPs) and measures which will be used to reduce pollutant loads upon Illinois' surface and ground water resources;

2. Identification of programs to achieve implementation of BMPs;

3. Identification of goals to guide the implementation of BMPs and NPS control programs;

4. Certification that Illinois' laws provide adequate authority to implement the Program;

5. Identification of financial assistance programs which will support the implementation of BMPs and NPS control programs; and

6. Identification of federal assistance programs and development projects the state will review for their effect on water quality.

The Program's primary objective is the continued reduction of nonpoint source pollution in Illinois so that the attainment of WQMP policies and recommendations can be realized. Primary goals established to reach this objective include:

1. Expand, update and/or create state implementation and research programs within current budgetary constraints which will better serve to protect the state's water resources from NPS pollution (i.e., to reduce the number of lake acres and stream miles having use impairments caused by NPS pollution);

2. Continue the statewide mechanism and process which enables state agencies and organizations, as a collective group, to equitably prioritize NPS pollution control projects for funding which may become available from local, state, and/or federal sources;

3. Continue the incorporation of "improved water quality" as a priority objective in all NPS pollution reduction programs; and

4. Increase the public's awareness and involvement in local NPS initiatives to serve as a catalyst for state and federal involvement at the local level.

Under Section 319 of the CWA, those states with approved NPS management reports are eligible to receive federal funds to implement or supplement nonpoint source initiatives. Numerous demonstration projects in urban and rural settings have been implemented throughout Illinois, along with the implementation of enhanced education and information efforts through various media.

IMPLEMENTATION OF THE ILLINOIS NONPOINT SOURCE MANAGEMENT PROGRAM

Illinois' 1990 Section 319 grant (C995010-01) was awarded by USEPA on March 1, 1990. The current budget period for this grant is 03/01/90 through 09/30/94. Illinois received $750,000.00 to finance the implementation of nine nonpoint source pollution control demonstration projects. All of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 09/30/94 totals $1,249,545.00.

Illinois' 1991 Section 319 Great Lakes Set Aside grant (C995010-91) was awarded by USEPA on September 25, 1991. The current budget period for this grant is 10/01/91 through 09/30/96. Illinois received $300,501.00 to finance the implementation of five nonpoint source pollution control demonstration projects. All of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 06/30/97 totals $516,362.00.

Illinois' 1991 Section 319 grant (C995010-02) was awarded by USEPA on August 12, 1991. The current budget period for this grant is 08/01/91 through 09/30/97. Illinois received $1,308,200.00 to finance the implementation of 10 nonpoint source pollution control demonstration projects and Illinois EPA's baseline operating program. All of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 09/30/97 totals $2,356,210.00.

Illinois' 1992 Section 319 grant (C995010-92) was awarded by USEPA on August 17, 1992. The current budget period for this grant is 08/15/92 through 09/20/96. Illinois received $1,824,000.00 to finance the implementation of five nonpoint source pollution control demonstration projects and Illinois EPA's baseline operating program. All of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 09/20/96 totals $3,367,363.00.

Illinois' 1993 Section 319 grant (C9995010-93) was awarded by USEPA on July 21, 1993. The current budget period for this grant is 09/01/93 through 09/30/97. Illinois received $1,931,217.00 to finance the implementation of 16 nonpoint source pollution control demonstration projects and Illinois EPA's baseline operating program. All of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 09/30/97 totals $3,365,147.00.

Illinois' 1994 Section 319 grant (C9995010-94) was awarded by USEPA on April 7, 1994. The current budget period for this grant is 04/01/94 through 03/31/01. Illinois received $3,601,630.00 to finance the implementation of 31 nonpoint source pollution control demonstration projects and Illinois EPA's baseline operating program. All of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 03/31/01 totals $6,513,602.00.

Illinois' 1995 Section 319 grant (C9995010-95) was awarded by USEPA on January 26, 1995. The current budget period for this grant is 10/01/94 through 08/31/99. Illinois received $3,816,920.00 to finance the implementation of 18 nonpoint source pollution control demonstration projects and Illinois EPA's baseline operating program. All of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 12/31/99 totals $7,907,797.00.

Illinois' 1996 Section 319 grant (C9995010-96) was awarded by USEPA on March 18, 1996. The current budget period for this grant is 10/01/95 through 12/31/02. Illinois received $3,975,198.00 to finance the implementation of 21 nonpoint source pollution control demonstration projects and Illinois EPA's baseline operating program. All of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 12/31/02 totals $7,524,351.00.

Illinois' 1997 Section 319 grant (C9995010-97) was awarded by USEPA on March 5, 1997. The current budget period for this grant is 10/01/96 through 10/31/03. Illinois received $4,096,964.00 to finance the implementation of 18 nonpoint source pollution control demonstration projects and Illinois EPA's baseline operating program. All of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 02/29/04 totals $7,686,603.00.

Illinois' 1998 Section 319 grant (C9995010-98) was awarded by USEPA on March 30, 1998. The current budget period for this grant is 10/01/97 through 12/31/04. Illinois received $4,411,764.00 to finance the implementation of 22 nonpoint source pollution control demonstration projects and Illinois EPA's baseline operating program. To date, 20 of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 06/30/05 totals $7,855,095.00.

Illinois' 1999 Section 319 grant (C9995010-99) was awarded by USEPA on August 18, 1999. The current budget period for this grant is 10/01/98 through 09/30/2005. Illinois received $7,322,480.00 to finance the implementation of 20 nonpoint source pollution control demonstration projects and Illinois EPA's baseline operating program. To date, 19 of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 06/30/05 totals $13,333,095.00.

Illinois was awarded grant number X995520-01 by USEPA on August 18, 1999. This grant contained $893,120 of Illinois' 1999 Section 319 grant program funding. The current budget period for this grant is 04/01/99 through 06/30/05. Illinois received $1,561,879.00 to finance the development of total maximum daily loads (TMDLs) for the pollutants in 6 watersheds. To date, one of these projects has been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 06/30/05 totals $1,787,466.00.

Illinois' 2000 Section 319 grant (C9995010-00) was awarded by USEPA on March 1, 2000. The current budget period for this grant is 10/01/99 through 09/30/06. Illinois received $8,139,800.00 to finance the implementation of 17 nonpoint source pollution control demonstration projects, Illinois EPA's baseline operating program, and the development of TMDLs for the pollutants in 11 watersheds ($902,015.00). To date, 13 of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 06/30/05 totals $13,621,718.00.

Illinois' 2001 Section 319 grant (C9975483-01) was awarded by USEPA on April 9, 2001. The current budget period for this grant is 10/01/00 through 09/30/07. Illinois received $9,540,100.00 to finance the implementation of 17 nonpoint source pollution control demonstration projects, Illinois EPA's baseline operating program, and the development of TMDLs ($951,500). To date, nine of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 06/30/05 totals $13,589,476.00.

Illinois' 2002 Section 319 grant (C9975857-02) was awarded by USEPA on May 13, 2002. The current budget period for this grant is 10/02/01 through 09/30/07. Illinois received $8,540,100.00 to finance the implementation of 20 nonpoint source pollution control demonstration projects, and Illinois EPA's baseline operating program. $1,000,000 of Illinois' 2002 Section 319 grant program funding was included under grant number X995520-02 for the development of TMDLs. To date, seven of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 06/30/05 totals $7,392,612.00.

Illinois' 2003 Section 319 grant (C9975857-03) was awarded by USEPA on September 25, 2003. The current budget period for this grant is 10/01/02 through 09/30/06. Illinois received $8,290,100.00 to finance the implementation of 24 nonpoint source pollution control demonstration projects, and Illinois EPA's baseline operating program. $1,289,700.00 of Illinois' 2003 Section 319 grant program funding was included under grant number X995520-02 for the development of TMDLs. To date, none of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 06/30/05 totals $7,121,467.00.

Illinois was awarded grant number X995520-02 by USEPA on July 1, 2002. This grant contained $1,000,000 of Illinois' 2002 Section 319 grant program funding, $1,289,700 of Illinois' 2003 Section 319 grant program funding, $1,153,200 of Illinois' 2004 Section 319 grant program funding, $800,000 of Illinois' 2005 Section 319 grant program funding, and $156,200 of Illinois' 2002 Section 106 grant program funding. The current budget period for this grant is 07/01/02 through 06/30/07. Illinois received $4,399,100.00 to finance the development of total maximum daily loads (TMDLs). To date, none of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 06/30/05 totals $951,098.00.

Illinois' 2004 Section 319 grant (C9995200-04**)** was awarded by USEPA on June 10, 2004. The current budget period for this grant is 10/01/03 through 09/30/07. Illinois received $8,329,800.00 to finance the implementation of 18 nonpoint source pollution control demonstration projects, and Illinois EPA's baseline operating program. $1,153,200.00 of Illinois' 2004 Section 319 grant program funding will be included under grant number X995520-02 for the development of TMDLs. To date, none of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 06/30/05 totals $312,412.00.

Illinois' 2005 Section 319 grant (C9995200-05**)** was awarded by USEPA on June 13, 2005. The current budget period for this grant is 10/01/04 through 09/30/08. Illinois received $7,456,300.00 to finance the implementation of 19 nonpoint source pollution control demonstration projects, and Illinois EPA's baseline operating program. $800,000.00 of Illinois'

2005 Section 319 grant program funding will be included under grant number X995520-02 for the development of TMDLs. To date, none of these projects have been completed. A non-auditable estimate of cumulative project expenditures, including non-federal match, through 06/30/05 totals $0.00.

For each grant year, the following amounts of Section 319 grant funds were dedicated to Illinois EPA's base operating program.

Grant Year	Base Operating Program Funds
1990	$0
1991	$600,000
1992	$600,000
1993	$600,000
1994	$1,274,862
1995	$2,083,384
1996	$2,177,182
1997	$2,276,710
1998	$2,061,180
1999	$3,011,648
2000	$2,545,158
2001	$2,828,977
2002	$3,064,804
2003	$2,735,695
2004	$3,110,057
2005	$2,945,314

Under the base operating program, the Illinois EPA employs staff to more fully manage nonpoint source activities at the state level by providing a more active role in the assessment of nonpoint source problems, the development of management strategies, and the provision of technical and educational assistance. Activities carried out as part of the baseline operating program include the following:

- Administering Section 319 contracts, staff reviewed contractor correspondence, vouchers, and contract deliverables.

- Section 319 grant proposals have been reviewed and compiled for submittal to USEPA for potential funding.

- Several outreach/development meetings have been held with soil and water conservation districts, municipalities, citizen organizations, etc. to discuss nonpoint source pollution as well as to encourage and assist the development of Section 319 project proposals.

- Technical assistance for controlling nonpoint source pollution has been provided to various groups and individuals.

- Articles on nonpoint source pollution have been written for various forms of publication.

With funding under Section 319 of the Clean Water Act, the Illinois EPA has provided assistance to landowners, municipalities, and others for the implementation best management practices (BMPs) for nonpoint source pollution control. The following table quantifies the BMPs

implemented since Federal Fiscal Year 1990 for those projects described in the Completed Projects section of this report.

Section 319 NPS Program
Summary of Completed Project Accomplishments

	TOTAL
Well Sealing (Number)	239
Wetland Acquisition (Acres)	242
Sinkhole Stabilization (Number)	10
Stream Channel Restoration (Feet)	3,100
Brush Management (Acres)	6
Clearing & Snagging (Feet)	7,400
Conservation Tillage (Acres)	17,113.6
Critical Area Planting (Acres)	24.3
Sediment Basin (Number)	56
Dike (Feet)	600
Pond (Number)	95
Grade Stabilization Structure (Number)	72
Grassed Waterway (Acres)	417.98
Livestock Exclusion (Acres)	10.5
Dam Removal (Number)	1
Pasture & Hayland Management (Acres)	416
Pasture & Hayland Planting (Acres)	14
Land Reconstruction, Abandoned Mined Land (Acres)	1.5
Land Reconstruction, Currently Mined Land (Acres)	20
Planned Grazing Systems (Acres)	40
Recreation Area Improvement (Acres)	7.6
Rock Outlet Protection (Number)	5
Streambank/Shoreline Protection (Feet)	213,106
Stream Channel Stabilization (Feet)	10,248
Ditch Stabilization (Feet)	4,830
Nutrient Management (Acres)	119,504
Terrace (Feet)	129,152
Tree Planting (Acres)	4,372.6
Water & Sediment Control Basins (Number)	480
Waterspreading (Acres)	3
Wildlife Wetland Habitat Management (Acres)	4
Wildlife Watering Facility (Number)	1
Wetland Restoration (Acres)	401.83
Woodland Improvement (Acres)	243.5
Urban Stormwater Wetland (Number)	7
Urban Filter Strip (Feet)	360
Agricultural Filter Strip (Acres)	11.8
Grassed Lined Channel (Acres)	0.33
Infiltration Trench (Number)	3
Subsurface Drain (Number)	1
Oil & Grit Separators	4

A “BMP Application Form” has been developed which the Illinois EPA requires subgrantees to complete and submit for approval prior to the construction of a best management practice (BMP) funded under Section 319. Each BMP is assigned a unique code so that it can be tracked individually in a Microsoft Access and geographic information system (GIS) database the Illinois EPA is developing to record BMP implementation (location, type, date, cost, etc.).

A Microsoft Excel workbook has also been developed that the Illinois EPA uses to estimate pollutant load reductions from installed BMPs. It is adapted from a workbook used by the Indiana Department of Environmental Management, and also includes formulas from the Illinois State Water Survey for streambank erosion and an Urban Runoff worksheet developed by the Illinois EPA. The appropriate worksheet will be completed for each BMP installed under Section 319 funded projects.

Although the Illinois EPA will track the pollutant load reductions at the individual BMP level, pollutant load reductions will be reported to USEPA at the project level. The Illinois EPA will add the individual BMP load reductions together and report the total load reduction for the entire project. The Illinois EPA has begun utilizing this workbook for estimating pollutant load reductions. However, continued refinement of the workbook will take place as new or better information becomes available.

In the following Completed Projects section of this report, estimated load reductions are identified for sediment, phosphorus, and nitrogen attributed to best management practices (BMPs) implemented in each applicable project. This information was obtained through the use of the Revised Universal Soil Loss Equation and Illinois EPA’s “Estimating Pollutant Load Reductions for Nonpoint Source Pollution Control BMPs” workbook. This Microsoft Excel workbook uses many simplifying assumptions to provide a general estimate of pollutant load reductions through BMP implementation. More accurate results of pollutant load reductions may be obtained through detailed monitoring and/or a more detailed modeling application. A question mark (?) has been used in the BMP Implementation Summary to denote that the information was not available for inclusion in this report.

COMPLETED PROJECTS

FFY 1990 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Stormwater Management Assistance Program

Purpose: General stream maintenance was performed under this project. Beaver dams were removed from Klein Creek (ILGBK05). Debris removal, canopy thinning, and bank re-vegetation were performed on 0.98 miles of Sawmill Creek (ILGJ01) and 5.15 miles of Winfield Creek (ILGBK05). Biotechnical streambank stabilization (A-jacks, lunkers, willows, and rock weir) was performed on 500 feet of Glencrest Creek (ILGBL10).

Project Location: DuPage County

Subgrantee: DuPage County Department of Environmental Concerns
DuPage Center, 421 North County Farm Road
Wheaton, Illinois 60187

Project Reports and Other Informational Materials:

"Final Report: DuPage County Stream Maintenance and Streambank Stabilization Demonstration Project." May 1993. DuPage County Department of Environmental Concerns.

"DuPage County Stream Maintenance Program Report." July 1991. DuPage County Stormwater Management Committee.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	32,866 ft.	328	205	559

90-3(319)SR

Title: Wetland Protection Program Development

Purpose: Two parcels of land, totaling approximately 242 acres, were acquired for wetland protection in areas of the Cache River (ILIX04) basin.

Project Location: Johnson County

Subgrantee: Illinois Department of Conservation
524 South Second Street
Springfield, Illinois 62707

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
006	Wetland Acquisition	242 ac.	NA	NA	NA

90-9(319)SR

Title: Stream Corridor Initiative

Purpose: Environmentally sound biotechnical practices were implemented to arrest streambank erosion on a section of the Middle Fork of the Vermilion River (ILBPK07).

Project Location: Vermilion County

Subgrantee: Illinois Department of Conservation
524 South Second Street
Springfield, Illinois 62701

Project Reports and Other Informational Materials:

"Vegetative Restoration of Middle Fork Bank Erosion." December 1993. Illinois State Water Survey.

"Middle Fork Streambank Restoration Project." December 1993 (videotape). Illinois State Water Survey.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,000 ft.	83	70	140

90-5(319)SR

Title: Construction Erosion Control Initiative

Purpose: A multi-county implementation plan and ordinance was prepared which identified the inadequacies of existing regional soil erosion and sedimentation control programs, identified and evaluated experimental and innovative management alternatives and their applicability in the region, and recommended specific actions to reduce, eliminate, and regulate soil erosion. The project attempted to achieve agreement among local governments relating to the nature and scope of the implementation plan and ordinance.

Project Location: Counties of Peoria, Woodford, Tazewell, and Marshall

Subgrantee: Peoria County Department of Land Resources
Peoria County Court House
324 Main Street
Peoria, Illinois 61602

Project Reports and Other Informational Materials:

"Implementation Plan for a Soil Erosion and Sedimentation Control Program for Marshall, Peoria, Tazewell, and Woodford Counties." June 1992. Environmental Science & Engineering, Inc.

90-1(319)SR

Title: Butterfield Creek Urban Nonpoint Source Management Plan

Purpose: An assessment was prepared which defined the specific causes of nonpoint source impairment based on water quality and physical stream conditions. The significance of suspected nonpoint sources was identified and prioritized. A Preliminary Nonpoint Source Management Plan for Butterfield Creek (ILHBDB03) was prepared which recommended a control program addressing both structural and nonstructural measures to mitigate existing problems and minimize future impacts.

Project Location: Cook County

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Reports and Other Informational Materials:

"Development of an Urban Nonpoint Source Management Plan for Butterfield Creek." October 1991. Northeastern Illinois Planning Commission.

90-2(319)SR

Title: Livestock Waste Regulation

Purpose: Livestock operation owners and operators were educated and advised on regulatory restrictions, site design, land application practices, and utilization of management practices such as filter strips.

Project Location: Statewide

Subgrantee: Not Applicable

Project Reports and Other Informational Materials:

"Utilizing Livestock Waste Efficiently." June 1991. Illinois Environmental Protection Agency.

"Understanding the Pollution Potential of Livestock Waste." June 1991. Illinois Environmental Protection Agency.

"Tax Certification Program for Livestock Waste Management Facilities." June 1991. Illinois Environmental Protection Agency.

"Livestock Waste Management Program - General Slide Presentation." August 1991. Illinois Environmental Protection Agency.

"Livestock Waste Management Program - Technical Slide Presentation." August 1991. Illinois Environmental Protection Agency.

"Vegetative Filter Systems - Slide Presentation." August 1991. Illinois Environmental Protection Agency.

"A Systematic Approach to Best Management Practices for Illinois Livestock Waste-Handling Facilities." 1991. Illinois Environmental Protection Agency.

90-7(319)SR

Title: Pesticide Monitoring Survey

Purpose: The United States Geological Survey (USGS), as part of the Toxic Substances Hydrology Program, in cooperation with the Illinois EPA installed automatic samplers for the collection of surface water samples in three watersheds in Illinois. The samples were used to determine the magnitude and duration of concentrations of triazine herbicides during the first runoff event following the application of herbicides in 1990. The three sites were selected to represent different areas of the state and different size drainage basins. The predominate land use in the selected sites is agricultural with a crop rotation of corn and soybeans.

Project Location: Counties of Iroquois, Piatt, and St. Clair

Subgrantee: U.S. Geological Survey
102 East Main Street
Urbana, Illinois 61801

Project Reports and Other Informational Materials:

"U.S. Geological Survey Toxic Substances Hydrology Program -- Proceedings of the Technical Meeting, Monterey, California, March 11-15, 1991." U.S. Geological Survey

90-8(319)SR

Title: Biological Data Management

Purpose: The Illinois EPA enhanced its watershed assessment capabilities, including improved data management, assessment of key nonpoint source pollution indicators, and greater utilization of biological indicators through the use of the Biological Data System (BIOS).

Project Location: Statewide

Subgrantee: Not Applicable

90-4(319)SR

Title: Regional Ground Water Protection Program and Needs Assessment

Purpose: Well site surveys were utilized to identify specific locations for maximum setback zones and initiate regulating procedures to restrict land use activities within those zones as a demonstration of the setback initiative as a ground water protection practice. Cost-share assistance was provided for demonstration purposes to a geographically select group of municipal water supply authorities to conduct needs assessments for long term protection of ground water.

Project Location: Counties of McHenry, Boone, Winnebago, Peoria, and Tazewell

Subgrantee: Not Applicable

Project Reports and Other Informational Materials:

"Illinois Groundwater Protection Program: Pilot Groundwater Protection Needs Assessment for Pekin Public Water Supply Facility Number 1795040." November 1992. Illinois Environmental Protection Agency

90-6(319)RM

FFY 1991 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Butterfield Creek Detention Basin Retrofit

Purpose: A stormwater detention basin was redesigned and retrofitted to provide water quality benefits to Butterfield Creek (ILHBDB03). Documentation was provided for the retrofit of the basin, the effectiveness of the basin, and the estimated cost and impact of a watershed wide retrofit program.

Project Location: Cook County

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Reports and Other Informational Materials:

"Flossmoor Stormwater Detention Basin Retrofit: A Demonstration of Detention Basin Modifications to Improve Nonpoint Source Pollution Control." August 1995. Northeastern Illinois Planning Commission.

"Stormwater Detention Basin Retrofitting: Techniques to Improve Stormwater Pollutant Removal and Runoff Rate Control." 1995 (brochure). Northeastern Illinois Planning Commission.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
800	Urban Stormwater Wetland	1 (no.)	?	68	278

91-1(319)SR

Title: Sealing of Abandoned Water Wells and Mine Holes

Purpose: 180 abandoned mine holes and/or water wells in JoDaviess County were sealed in accordance with procedures and specifications developed by the Illinois Department of Public Health. In cooperation with the Cooperative Extension Service and County Health Department, demonstrations on the proper sealing of mine holes and water wells were conducted.

Project Location: JoDaviess County

Subgrantee: JoDaviess County Soil & Water Conservation District
227 North Main Street
Elizabeth, Illinois 61028

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
005	Well Sealing	180 (no.)	N/A	?	?

91-2(319)CD

Title: Urban Site Drainage Training Course

Purpose: A three day training course was developed and presented which was designed to educate consulting engineers, landscape architects, contractors, permit reviewers and inspectors, and other governmental agency staff in the incorporation of nonpoint source control best management practices into urban drainage design. The course focused on minimizing the impacts of development on stream uses caused by decreased low flows, increased high flows, increased duration of high flows, and increased pollutant loadings.

Project Location: Statewide

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Reports and Other Informational Materials:

"Urban Stormwater Best Management Practices for Northeastern Illinois - Course Notebook." April, 1993. Northeastern Illinois Planning Commission.

91-4(319)ME

Title: Construction Site Erosion Control Video

Purpose: A videotape was prepared and produced describing the basic concepts and procedures for minimizing the effects of erosion through construction site planning and design, soil stabilization, sediment and runoff controls, and site inspection and maintenance. The videotape provides guidance on control practices and recommends more detailed references for designing and implementing specific controls.

Project Location: Statewide

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Reports and Other Informational Materials:

"Erosion and Sediment Control - Procedures and Practices for Construction Sites." 1993 (18 min. videotape). Northeastern Illinois Planning Commission.

91-6(319)ME

Title: Sequoit Creek Watershed Management Project (Phase 1)

Purpose: Information was compiled for the preparation of a nonpoint source analysis of the Sequoit Creek watershed along with specific nonpoint source management plans to address identified problems. Technical assistance was provided to local governments in reviewing soil erosion and sedimentation control plans. Baseline monitoring water quality data for lakes in the Sequoit Creek watershed were collected and compiled.

Project Location: Lake County

Subgrantee: Lake County Soil & Water Conservation District
70 South U.S. Highway 45, Suite 205
Grayslake, Illinois 60030-2208

91-5(319)ME

Title: Sequoit Creek Watershed Management Project (Phase 2)

Purpose: Building upon the information collected under Phase 1, a nonpoint source analysis of the Sequoit Creek watershed was prepared along with specific nonpoint source management plans to address identified problems.

Project Location: Lake County

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Reports and Other Informational Materials:

"Sequoit Creek Watershed Management Project - Final Report." January 1995. Northeastern Illinois Planning Commission.

"Sequoit Creek Watershed Management Project - Watershed Inventory Reports." January 1995. Northeastern Illinois Planning Commission.

91-5(319)ME

Title: Siloam Springs Riparian Protection Project

Purpose: Vegetative grade controls were constructed in the Siloam Springs Lake (ILRDB) watershed which were designed to trap and treat pollutants in the water prior to its

discharge to the lake as well as to enhance and protect recreation and wildlife resources of the watershed.

Project Location: Adams County

Subgrantee: Illinois State Water Survey
c/o University of Illinois
506 South Wright Street
Urbana, Illinois 61801

Project Reports and Other Informational Materials:

"Watershed Restoration in Siloam Springs State Park." November 4, 1994 (videotape). Illinois State Water Survey.

"Preservation of Siloam Springs State Park by the Stabilization of Its Wooded Ravines." December 1, 1994. Illinois State Water Survey.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
410	Grade Stabilization Structure	23 (no.)	?	?	?

91-3(319)GE

Title: Ground Water Ecotoxicity Assessment

Purpose: This project supported the scientific development of a ground water ecotoxicity assessment and field sampling protocol. The development process targeted testing sites to evaluate nonpoint source contributions.

Project Location: Statewide

Subgrantee: Not Applicable

91-9(319)RM

Title: Ground Water Setback Zones

Purpose: This project continued the Illinois EPA's efforts directed at identifying and regulating certain activities around community wells by proposing maximum setback zones. The Illinois EPA used available hydrogeologic information, monitoring, survey, and needs assessment data to propose maximum zones in priority areas where no local action has been taken. The process considered nonpoint source impacts and assessments. Additionally, the Illinois EPA evaluated wells utilizing alluvial aquifers that are 1,000 feet from public waters for the purpose of proposing maximum zones. Section 14.3(f) of the Illinois Groundwater Protection Act provides authority to establish maximum setback zones up to 2,500 feet from the wellhead. Maximum setback zones established in these settings prohibit new potential routes. New potential routes include drainage wells of all kinds. Three maximum setback zones were proposed.

Project Location: Statewide

Subgrantee: Not Applicable

91-7(319)RM

Title: Northeastern Illinois Community Assistance Project

Purpose: Funding was provided to help establish the Northeastern Illinois Community Assistance Office to serve the six county northeastern Illinois area. This office provides nonpoint source pollution control related technical assistance to the soil and water conservation districts, planning commissions, county departments, townships and municipalities. In addition to direct technical assistance, the staff of this office are an expansion of the existing effort to develop the Urban Best Management Practices Standards and Specifications Field Office Technical Office Guide. The major focus of the office is on erosion/sediment control, water quality, and natural resource management.

Project Location: Counties of Lake, McHenry, Kane, DuPage, Cook, and Will

Subgrantee: USDA Soil Conservation Service
1902 Fox Drive
Champaign, Illinois 61820

94-27(319)ME

FFY 1991 FEDERALLY FUNDED SECTION 319 GREAT LAKES SET ASIDE PROJECTS

Title: Waukegan River Bank Stabilization and Management

Purpose: Vegetative (grasses, dogwoods, and willows) and structural (A-jacks and lunkers) streambank stabilization was performed on the Waukegan River (ILQ01) at Washington Park and Powell Park. City and Park District personnel were trained in practice implementation. Nonpoint source regulations were also developed.

Project Location: Lake County

Subgrantee: Waukegan Park District
2000 Belvidere Street
P.O. Box 708
Waukegan, Illinois 60079

Project Reports and Other Informational Materials:

"Nonpoint Pollution Control in Urban Streams." November 1992 (5.42 min. videotape). Illinois State Water Survey.

"Nonpoint Source Control." September 1993 (videotape). Illinois State Water Survey.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	780 ft.	64	55	109

91-9(319)SR

Title: Waukegan River Rock Riffle Restoration Project

Purpose: Six stone weirs (riffles) were created on the Waukegan River (ILQ01) in Washington Park which were designed to reduce channel incision (erosion of the streambed), enhance habitat, improve stream stability, and increase water aeration.

Project Location: Lake County

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

Project Reports and Other Informational Materials:

"Pool and Riffle Restoration on the Waukegan River." December 1996. Illinois State Water Survey.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
584	Stream Channel Stabilization	600 ft.	58	49	98

91-10(319)SR

Title: Nonpoint Source Pollution & Stream Ecology Exhibit

Purpose: An exhibit was designed, constructed, and placed on display at the Shedd Aquarium in Chicago. The exhibit includes a divided aquarium with one half designed to resemble a healthy stream environment and the other half illustrating polluted stream conditions. Both halves were stocked with fish species of an appropriate pollutant tolerance level and native to Illinois. The qualities indicative of a healthy and degraded stream environment were identified and described. The exhibit also presents information concerning the nonpoint sources of pollution which threaten the quality of Illinois' streams and the methods by which those threats may be minimized. The purpose of this project is to enhance the public's understanding of the value and function of streams, nonpoint source pollution and its impact on water quality, and what can be done to protect Illinois' water resources.

Project Location: Cook County

Subgrantee: John G. Shedd Aquarium
1200 South Lake Shore Drive
Chicago, Illinois 60605

91-11(319)SR

Title: Waukegan River Habitat Evaluation Project

Purpose: This project created a process to establish a quantifiable habitat index for the Waukegan River rehabilitation project and to enhance the Waukegan River National Monitoring Strategy. A habitat index was established for the Waukegan River related to existing and proposed water quality conditions. A report was prepared documenting utilization of the habitat index on a local and regional scale.

Project Location: Lake County

Subgrantee: Not Applicable

91-12(319)SR

Title: The Environment Exhibit

Purpose: This Environment Exhibit was designed to present key concepts and principles of environmental science and technology and thereby help people examine, understand, and affect environmental issues. Information on nonpoint source pollution and related water quality issues was incorporated into the exhibit. The exhibit communicates the impacts of nonpoint source pollution, the importance of water quality protection, and what can be done to minimize nonpoint source pollution and protect water quality.

Project Location: Cook County

Subgrantee: Museum of Science and Industry
57th Street and Lake Shore Drive
Chicago, Illinois 60637-2093

91-15(319)SR

FFY 1992 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Assessment Procedures for Rural Ground Water

Purpose: A series of site assessment and information documents were prepared to assist farmers in identifying potential farmstead sources of ground water contamination and in prioritizing management and structural changes to minimize the risk of ground water pollution. The Illinois Department of Agriculture (IDOA) developed ground water protection materials tailored to Illinois' needs, conducted a pilot program utilizing these materials, printed and distributed copies of the materials to farmers wishing to participate, and held three regional training workshops for soil and water conservation district staff using the developed materials.

Project Location: Statewide

Subgrantee: Illinois Department of Agriculture
State Fairgrounds, P.O. Box 19281
Springfield, Illinois 62794-9281

92-1(319)JC

Title: Regional Ground Water Vulnerability Assessment

Purpose: A program was established to identify those regions of the state that are vulnerable to agricultural chemical ground water contamination, and determine what management practices are the most effective for reducing the threat of contamination. The Illinois Department of Agriculture (IDOA) correlated geologic/hydrologic data with pesticide-soil interaction data and agricultural chemical use to identify those regions of Illinois with high potential for ground water contamination. IDOA also researched and reviewed ongoing management strategies and recommended management practices for reducing the threat of aquifer contamination.

Project Location: Statewide

Subgrantee: Illinois Department of Agriculture
State Fairgrounds, P.O. Box 19281
Springfield, Illinois 62794-8281

Project Reports and Other Informational Materials:

"Identification of Areas Vulnerable to Groundwater Contamination in Illinois, and Recommended Management Practices." July 1995. Illinois Department of Agriculture.

92-2(319)JC

Title: Lake Pittsfield 314/319 Restoration Project

Purpose: This project demonstrated the cumulative effectiveness in reducing sediment transport to Lake Pittsfield (ILRDP) of a single sediment basin on the upper end of Lake Pittsfield and a series of small settling basins (ponds) located on minor tributaries prior to their discharge into Blue Creek. This project supplements the implementation of recommendations contained in the Phase I report funded under Section 314 and to be achieved through Phase II.

Project Location: Pike County

Subgrantee: Pike County Soil & Water Conservation District
1319 West Washington Street
Pittsfield, Illinois 62363

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
350	Sediment Basin	1 (no.)	?	?	?
378	Pond	29 (no.)	?	?	?

92-3(319)GE

Title: National Monitoring Strategy

Purpose: This project demonstrated the effects of land management on Lake Pittsfield (ILRDP) sedimentation and water quality.

Project Location: Pike County

Subgrantee: Illinois State Water Survey
c/o University of Illinois
109 Coble Hall, 801 S. Wright St.
Champaign, Illinois 61820

Project Reports and Other Informational Materials:

"Effects of Land Management on Lake Pittsfield Sedimentation and Water Quality." September 1993. Illinois State Water Survey.

92-4(319)GE

Title: Big Hollow Creek Watershed Management Project

Purpose: Both structural grade control and vegetative stabilization were implemented in the urban Big Hollow Creek (ILDL01) watershed to control stream and bluff erosion.

Project Location: Peoria County

Subgrantee: Heartland Water Resources Council of Central Illinois
Commerce Bank Building
416 Main Street, Suite 828
Peoria, Illinois 61602-1116

Project Reports and Other Informational Materials:

"Big Hollow Creek Watershed Management Project." (videotape) 1995. Heartland Water Resources Council of Central Illinois.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,200	92	79	157
584	Stream Channel Stabilization	600	35	29	59

92-5(319)ME

FFY 1993 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Nature Preserves Ground Water Quality Protocol

Purpose: The primary objectives of this project were to design, develop, and demonstrate a methodology to determine potential threats to groundwater and the detection of potential damage to Nature Preserves due to off-site activities from agricultural practices and urbanization. This was accomplished by determining where sites occur in relation to sensitive aquifers and developing geohydrologic information on those Nature Preserves which are estimated to contain unique habitats related to ground water discharge. On one site, a detailed geologic/hydrologic characterization was conducted.

Project Location: Statewide

Subgrantee: Illinois Nature Preserve Commission
524 South Second Street
Springfield, Illinois 62701-1787

93-1(319)ST

Title: Paris Twin Lakes Restoration and Management

Purpose: This project demonstrated a holistic approach to in-lake and watershed treatment to enhance the water quality and recreational uses of Paris Twin Lakes (ILRBL, ILRBX) through the coordination of the Section 314 Federal Clean Lakes Program and the Section 319 Nonpoint Source Management Program. This was accomplished utilizing 319 funds to implement 8 grassed waterways, 4,800 feet of terraces, 500 feet of waterway diversions, 1 rock chute, 2 concrete block chutes, rip rap streambank stabilization, 1 concrete crossing, 5.2 acres of buffer zones, and 1 sediment retention basin.

Project Location: Edgar County

Subgrantee: Edgar County Soil & Water Conservation District
R.R. # 6, Post Office Box 89C
Paris, Illinois 61944

Project Reports and Other Informational Materials:

"Paris Twin Lakes Restoration and Management – Final Report." November 1, 1998. Edgar County Soil & Water Conservation District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
412	Grassed Waterway	13.9 ac.	?	?	?
638	Water & Sediment Control Basin	1 (no.)	?	?	?
378	Pond	1 (no.)	?	?	?
410	Grade Stabilization Structure	3 (no.)	?	?	?
580	Streambank/Shoreline Protection	200 ft.	?	?	?
600	Terrace	4,800 ft.	?	?	?
329	Conservation Tillage	4,206 ac.	?	?	?

93-2(319)JC

Title: Lake Taylorville Wetland Demonstration/Education

Purpose: The city of Taylorville implemented a public education program highlighting Lake Taylorville (ILREC) and its water quality. Five sediment basins and five wetlands were designed, constructed, and vegetated to reduce sedimentation to the lake and to improve water quality through the additional nutrient uptake. Wetland training workshops were held concerning topics such as wetland construction, wetland vegetation, and/or wetland maintenance. News releases were also issued concerning project implementation.

Project Location: Christian County

Subgrantee: City of Taylorville
Municipal Building
115 North Main
Taylorville, Illinois 62568

Project Reports and Other Informational Materials:

"Water Quality Improvement of Lake Taylorville through Construction of Sediment Basins and Wetland Sites." August 1995. Christian County Soil & Water Conservation District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
350	Sediment Basin	10 (no.)	?	?	?

93-3(319)CD

Title: National Monitoring Strategy on Lake Pittsfield

Purpose: This project identified sources of sediment and the efficiency of sedimentation control practices on the tributary watershed of Lake Pittsfield. This project was initiated with Section 319 funding in FFY92. The project is a cooperative Section 314/319 effort for lake restoration and water quality improvement.

Project Location: Pike County

Subgrantee: Illinois State Water Survey
1320 S.W. Monarch
Peoria, Illinois 61

Project Reports and Other Informational Materials:

"Effects of Land management on Lake Pittsfield Sedimentation and Water Quality." September 30, 1994. Illinois State Water Survey.

93-4(319)GE

Title: Skokie River Restoration Project

Purpose: Through the implementation of bank stabilization and restoration techniques, this project mitigated nonpoint source pollution to the Skokie River (ILHCCD09) and downstream lagoons. The project also enhanced the aquatic habitat and uses of the Skokie River. Restoration measures applied include: prairie buffer plantings, created oxbow excavations, restored floodplain wetlands, bank stabilization through brush layering with willows and dogwoods, bank toe protection and redirected thalweg through use of biologs with prairie cord grass and emergent wetland plants, willow posts for protection of rip rap and outlet pipes and weir wall, in-stream habitat structure (riffles), and bank stabilization through 3 foot buffer along entire stream. A multi-faceted educational program was also implemented as part of the project.

Project Location: Cook County

Subgrantee: Chicago Botanic Gardens
Post Office Box 400
Glencoe, Illinois 60022

Project Reports and Other Informational Materials:

"Restoration of the Skokie River: Natural Techniques at Work." 1996 (videotape). Chicago Botanic Garden.

"Skokie River Restoration Project." May 1996. Chicago Botanic Garden.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	9,550 ft.	263	223	446
657	Wetland Restoration	1.1 ac.	?	?	?

93-5(319)SR

Title: Constructed Wetlands & Sustainable Agriculture

Purpose: This project constructed three small wetlands within the small watershed of a tributary of Richland Creek – South (ILOC04) to filter contaminants from surface water. The project was designed to determine the effects sustainable agricultural practices have on reducing nitrate and pesticide levels in surface water and also established an education and information program.

Project Location: St. Clair County

Subgrantee: Illinois Department of Agriculture
Division of Natural Resources
State Fairgrounds, P.O. Box 19281
Springfield, Illinois 62794-8281

Project Reports and Other Informational Materials:

"Wetlands – Natural Resource Wonders." 1998. Illinois Department of Agriculture.

"Constructed Wetlands and Sustainable Agriculture – Final report." August 1, 1998. Illinois Department of Agriculture.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
657	Wetland Restoration	6.3 ac.	?	?	?

93-6(319)JC

Title: Areawide Animal Waste Team

Purpose: Additional technical assistance was provided to livestock producers to reduce the backlog of requests. Operators were informed of best management practices (BMP) for animal waste management, and assisted in exploring and developing innovative technology to solve waste handling and runoff problems.

Project Location: 15 counties within the Southwestern Illinois RC & D

Subgrantee: Southwestern Illinois Resource Conservation and Development
406 East Main Street
Mascoutah, Illinois 62258

Project Reports and Other Informational Materials:

"Improving Rural Water Quality – An Areawide Animal Waste Team – Final Report." March 1996. Southwestern Illinois Resource Conservation and Development, Inc.

93-7(319)JC

Title: Nonpoint Source Control on Richland & Senachwine Creeks

Purpose: To promote local control of nonpoint source pollution, a program of public education was conducted within the rural watersheds of Richland and Senachwine Creeks. The widespread implementation of biotechnical streambank stabilization projects was encouraged through 1) press releases in local news media, 2) construction of a mobile stream table which demonstrates erosion processes and its use at public events, 3) development of model operation and maintenance plans for potential streambank stabilization projects, and 4) outreach to local landowners.

Project Location: Counties of Woodford & Marshall

Subgrantee: Heartland Water Resources Council of Central Illinois
Commerce Bank Building
416 Main Street, Suite 828
Peoria, Illinois 61602-1116

93-8(319)CD

Title: Charleston Side Channel Reservoir

Purpose: This project involved the application of an innovative shoreline erosion control program including willow planting posts, a raft wave barrier test program, rip rap and gabions where needed, and selective lakeshore tree removal on Charleston Side Channel Reservoir (ILRBC). In addition, the city conducted an educational program through Eastern Illinois University and the Charleston High School. A watershed landowner survey was done, with the information being used to create an educational brochure.

Project Location: Coles County

Subgrantee: City of Charleston
520 Jackson Avenue
Charleston, Illinois 61920

Project Reports and Other Informational Materials:

"Charleston Side Channel Reservoir Section 319 Grant, Non-point Sources Pollution Control Final Report." July 1996. City of Charleston.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	5,300	219	186	372

93-9(319)CD

Title: Shabbona Lake Shoreline & Watershed Protection

Purpose: This project protected Lake Shabbona (ILVTU) from further sedimentation by constructing a wetland (sediment basin) in a portion of the lake's watershed. No-till practices were promoted and a no-till drill made available for rental by farmers in the watershed. Shoreline stabilization (4,000 feet) on the lake was also implemented.

Project Location: DeKalb County

Subgrantee: DeKalb County Soil & Water Conservation District
315 North Sixth Street
Dekalb, Illinois 60115

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
350	Sediment Basin	1 (no.)	2,200	?	?
580	Streambank/Shoreline Protection	4,000 ft	264	224	449

93-10(319)CD

Title: Shallow Water Wetland Creation on Canyon Creek

Purpose: Construction of an embankment across the Illinois Canyon Creek created a one acre shallow pool designed to reduce stream velocities, trap sediment, and develop a shallow water wetland. Efforts were made during planning and design to increase the water retention time to maximize water quality benefits. A field day was held for the public once the practice was installed.

Project Location: LaSalle County

Subgrantee: LaSalle County Soil & Water Conservation District
Route 23 & Dayton Road
Ottawa, Illinois 61350

Project Reports and Other Informational Materials:

"Illinois Canyon Creek Project – An EPA 319 Non-Point Pollution Reduction Project – LaSalle County SWCD." November 1995. LaSalle County Soil & Water Conservation District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
350	Sediment Basin	1 (no.)	?	?	?

93-11(319)JC

Title: Chain-O-Lakes Fox River Shoreline & Bank Protection

Purpose: This project implemented bio-technical methods of shoreline and bank protection, giving significant emphasis to more natural or vegetative solutions and non-structural management solutions. Three sites, totaling 461 feet of on-stream lake shoreline on the Fox River (ILDT23) were stabilized using A-Jacks, fiber roll, erosion control blankets, Fiberdam, and vegetation.

Project Location: McHenry County

Subgrantee: Chain-O-Lakes Fox River Waterway Management Agency
64 East Grand, P.O. Box 451
Fox Lake, Illinois 60020

Project Reports and Other Informational Materials:

"Protecting Your Shore - Alternatives to Seawalls." (Brochure) January 1995. Fox Waterway Agency.

"Chain O' Lakes Fox River Shoreline and Bank Protection Project – Final Report." Fall 1995. Fox Waterway Agency.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	461 ft.	71	61	120

93-12(319)ME

Title: Palatine Streambank Stabilization Project

Purpose: Approximately 285 linear feet of streambank were stabilized along Salt Creek (ILGL09) through a combination of A-Jacks structures and dormant cuttings of native willows and dogwoods.

Project Location: Cook County

Subgrantee: Village of Palatine
Department of Public Works
148 West Illinois Street
Palatine, Illinois 60067

Project Reports and Other Informational Materials:

"Salt Creek Streambank Stabilization Project Final Report." June 1994. Village of Palatine.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	285	42	36	72

93-13(319)SR

Title: Paris Restoration/Protection 314/319 Project

Purpose: This project demonstrated a holistic approach to in-lake and watershed treatment to enhance the water quality and recreational uses of Paris Twin Lakes (ILRBL, ILRBX) through coordination of the Section 319 Nonpoint Source Management Program and the Section 314 Clean Lakes Program. Section 319 funds were utilized to implement practices such as shoreline stabilization and sediment retention basin construction.

Project Location: Edgar County

Subgrantee: City of Paris
123 South Central Avenue
Paris, Illinois 61944

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
350	Sediment Basin	1 (no.)	?	?	?
580	Streambank/Shoreline Protection	2,400 ft.	?	?	?

93-14(314)JC

Title: Nonpoint Source Pollution Concert/Celebration

Purpose: The John G. Shedd Aquarium, in cooperation with the Illinois EPA, developed a program for a Wetland Wonders and Pollution Prevention Festival held at the Shedd Aquarium on six consecutive days in May, 1996. The Festival accompanied the opening of the Shedd's 1996 special exhibit, "Frogs: Wonders of the Wetlands." The program was designed to enhance the public's understanding of nonpoint source pollution and the importance of wetlands, lakes, and streams. The Festival included information and activities that explained the causes of NPS pollution, its impact on water quality, and what can be done to protect aquatic resources. The program included music, theater, storytelling, games, and similar events designed to educate as well as entertain.

Project Location: Cook County

Subgrantee: John G. Shedd Aquarium
1200 South Lake Shore Drive
Chicago, Illinois 60605

93-16(319)SR

Title: Chicagoland Environmental Network

Purpose: The Chicagoland Environmental Network facilitated the exchange of information and resources concerning nonpoint source pollution, water quality, and related environmental issues. The public was provided access to information and volunteer opportunities through a computer database of environmental organizations and agencies involved in habitat restoration, wetlands, prairies, watershed projects, urban gardening, revitalization programs, energy conservation, and recycling.

Project Location: Cook County

Subgrantee: Chicago Zoological Society
3300 South Golf Road
Brookfield, Illinois 60513

93-17(319)SR

FFY 1994 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Englewood Environmental Protection Lot Reclamation Project

Purpose: This project demonstrated the benefits of water quality education and land restoration in an urban environment by reclaiming eight inner-city lots, implementing a storm drain stenciling program, and disseminating nonpoint source education materials. The reclamation of these lots reduced the amount of pollutants entering the water system, while simultaneously aiding in the revitalization of the Englewood community. Local youth were employed to implement the reclamation and to design and develop community gardens on the formerly abandoned lots.

Project Location: Cook County
Subgrantee: University of Illinois - Cooperative Extension Service

549 Bevier Hall, 905 S. Goodwin Avenue
Urbana, Illinois 61801

Project Reports and Other Informational Materials:

"A Project with SOUL." (11.25 min. videotape) University of Illinois – Cooperative Extension Service.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
562	Recreation Area Improvement	1.6 ac.	?	?	?

94-1(319)SR

Title: Skokie Lagoons Shoreline Stabilization Project

Purpose: This project implemented shoreline restoration aimed at vegetative stabilization along approximately 2.5 miles of shoreline. The restoration focused on areas where the most erosion has occurred because these are the most significant targets for addressing nonpoint source pollutants. Treatment of the shoreline extended beyond the water's edge and into the floodplain for a distance of approximately 200 feet. Where feasible, the vegetative cover was extended into the water for further stabilization. Restoration measures used included coir fascines, gravel access points, coir mattresses, dead brush layers, sand and gravel stabilizer, live brush mattresses, rock toes, temporary wood stakes, and coir webbing.

Project Location: Cook County

Subgrantee: Forest Preserve District of Cook County
536 North Harlem Avenue
River Forest, Illinois 60305

Project Reports and Other Informational Materials:

"Skokie Lagoons Shoreline Stabilization Project – Final Report." October 1, 1997. Forest Preserve District of Cook County.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	10,660 ft.	293	249	498

94-2(319)ST

Title: Senachwine Creek Nonpoint Source Control Project

Purpose: This project improved water quality through the treatment of uplands and floodplains in the Senachwine Creek watershed, and through the implementation of a watershed educational/training program. Cost-share assistance was provided to watershed landowners to implement a variety of upland and floodplain best management practices (BMPs). Upland BMPs included 46,725 feet of terraces, 24.9 acres of waterways, 38 water and sediment control basins, and two grade stabilization

structures. Floodplain BMPs included eight ponds and six streambank stabilization projects which addressed 4,650 linear feet.

Project Location: Peoria County

Subgrantee: Illinois River Soil Conservation Task Force
2412 West Nebraska Avenue
Peoria, Illinois 61604

Project Reports and Other Informational Materials:

"Senachwine Creek Nonpoint Source Control Project – Final Report." December 1997. Illinois River Soil Conservation Task Force.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
600	Terrace	46,725 ft.	5,007	?	?
412	Grassed Waterway	24.9 ac.	1,689	?	?
638	Water & Sediment Control Structure	38 (no.)	1,882	?	?
410	Grade Stabilization Structure	2 (no.)	265	?	?
378	Pond	8 (no.)	1,564	?	?
580	Streambank/Shoreline Stabilization	4,650	8,566	?	?

94-3(319)ME

Title: Mauvaise Terre Creek Project

Purpose: The project informed and educated the public, specifically at-risk youth, about nonpoint source pollution, how it is impairing Mauvaise Terre Creek, and what can be done to prevent this pollution. The youth involved in this project removed debris from the creek that is affecting flow and water quality and document the stretches of the creek that are experiencing streambank erosion for future restoration. An environmental education curriculum was developed for the students and the students made presentations on the project. The youth also worked with the Illinois Rivers Project through Jacksonville High School to benefit from water quality education and to assist in providing data for the Illinois Rivers Project.

Project Location: Morgan County

Subgrantee: Youth Attention Center
527 South Main Street
Jacksonville, Illinois 62650

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
326	Clearing & Snagging	400 ft.	?	?	?

94-4(319)CT

Title: Perry County Demonstration/Education Plots

Purpose: This project provided information and technology transfer regarding conservation tillage methods and their effects on water quality. This was accomplished by developing field demonstration plots from which surface and ground water samples were analyzed to determine various best management practices' effectiveness in reducing nonpoint source pollution to protect water quality in the Blacksop Creek (ILNEB01) watershed.

Project Location: Perry County

Subgrantee: Perry County Soil & Water Conservation Districts
Post Office Box 146
Pinckneyville, Illinois 62274

94-5(319)ST

Title: Macoupin County Public Water Supply Watershed Protection/Education Project

Purpose: This project addressed specific water quality issues, primarily siltation and atrazine as nonpoint source pollutants in public water supply lakes. This was done by building 18 water and sediment control basins and three wetlands in three different watersheds; establishing comparison plots of different types of vegetation in those basins; comparing the results; and using the summary of findings to educate the public about watershed management.

Project Location: Macoupin County

Subgrantee: Macoupin County Soil & Water Conservation District
300 Carlinville Plaza
Carlinville, Illinois 62626

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
638	Water & Sediment Control Structure	18 (no.)	3,908.9	?	?
657	Wetland Restoration	5.3 ac.	?	?	?

94-6(319)JC

Title: City of Lockport Abandoned Well Sealing Project

Purpose: Service at the city of Lockport's public water supply well no. 3 was discontinued in 1970 due to lack of production and high sulfur content. However, the abandoned well was not properly sealed, making it a point where potential contamination could enter the aquifer. The city of Lockport had the well properly sealed.

Project Location: Will County

Subgrantee: City of Lockport
222 East Ninth Street, Suite 4
Lockport, Illinois 60441-3497

BMP Implementation Summary:

Estimated Load Reduction

BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
005	Well Sealing	1 (no.)	?	?	?

94-8(319)JC

Title: Southern Illinois No-Till Rental & Demonstration Project (Johnson Co.)

Purpose: This project allowed the rental of no-till equipment to farmers in Johnson County at a reduced cost per acre charge. Because the economic conditions experienced in the agricultural communities in this part of the state, and the average farm size in the county being significantly less than the state average, many farmers need hands-on experience before they will be convinced to purchase the expensive equipment on their own. This project also demonstrated to the farmer ways of managing no-till so equal or better results compared to conventional tillage can be attained.

Project Location: Johnson County

Subgrantee: Johnson County Soil & Water Conservation District
209 North 4th
Vienna, Illinois 62995

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
329	Conservation Tillage	2,784	23,633.9	?	?

94-9(319)JC

Title: Larkdale Lagoons Shoreline Stabilization Project

Purpose: Local government staff was trained in the placement of vegetative shoreline stabilization in the Larkdale Lagoons and a connecting ditch to improve water quality performance. Approximately 700 feet of lagoon shoreline and the 700 feet of connecting ditch were planted in wetland vegetation to reduce erosion and improve nutrient removal. The water quality performance of Larkdale Lagoons was enhanced by significantly reducing shoreline and channel erosion and by adding wetland vegetation which will substantially increase suspended and soluble pollutant removal.

Project Location: Lake County

Subgrantee: Village of Wauconda
101 North main Street
Wauconda, Illinois 60084-0785

Project Reports and Other Informational Materials:

"Shoreline Stabilization with Native Vegetation Training Course." September 1995. Hey and Associates.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,400 ft.	9	8	16

94-10(319)ME

Title: Milne Creek Streambank Stabilization Project

Purpose: This project stabilized 1,125 feet of streambanks along Milne Creek using bioengineering techniques (vegetation, coconut roll, and A-Jack structures).

Project Location: Will County

Subgrantee: City of Lockport
222 East Ninth Street, Suite 4
Lockport, Illinois 60441-3497

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,125	99	84	169

94-11(319)JC

Title: Grass Lake Nonpoint Source Pollution Control Project

Purpose: This project determined and implemented cost-effective programs to reduce nonpoint source pollution in northern Grass Lake (ILRTQ) due to boat traffic and other recreational uses. Both structural and non-structural methods were implemented and evaluated, including barrier methods to restrict the movement of resuspended sediment, creation of wind breaks, water use regulation (i.e., no-wake zones and no-motor areas), and redirection of traffic routes to deeper locations. Education of boaters of the impact of their activities on resuspension of sediments and of proposed management methods was also an important part of this project.

Project Location: Counties of Lake and McHenry

Subgrantee: Chain-O-Lakes Fox River Waterway Management Agency
64 East Grand, Post Office Box 541
Fox Lake, Illinois 60020

94-12(319)SR

Title: DeKalb County Streambank and No-Till Program

Purpose: This project protected Lake Holiday from sedimentation and other sources of nonpoint source pollution attributed to agricultural runoff. This was accompanied by increasing the number of acres in the watershed that are farmed by no-till. A no-till drill was supplied to farmers at a $4 per acre charge to encourage the practice and was used on 650 acres. Rip rap was installed to stabilize 300 feet of streambank on Samonauk Creek (ILDTB01).

Project Location: DeKalb County

Subgrantee: DeKalb County Soil & Water Conservation District
315 North Sixth Street
Dekalb, Illinois 60115

Project Reports and Other Informational Materials:

"Samonauk Creek 319 Grant - Final Report." 1997. Dekalb County Soil & Water Conservation District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
329	Conservation Tillage	650 ac.	5,500	?	?
580	Streambank/Shoreline Protection	300 ft.	50	42	84

94-13(319)CD

Title: Norton Creek Urban Stream Maintenance/Restoration Program

Purpose: Norton Creek became degraded due to changes in watershed hydrology, channel modifications, incursion of non-native woody vegetation, and lack of maintenance. Periodic failure of septic systems were reported due to debris blockages, which back up waters, further degrading water quality. To reduce debris related backups and streambank erosion, and to improve habitat and pollutant filtering mechanisms in Norton Creek, stream maintenance and restoration activities were implemented. These activities included the removal and disposal of nuisance vegetation adjacent to the stream such as overhanging trees, limbs, and shrubs, as well as other debris. These techniques were applied to approximately 7,000 feet of stream.

Project Location: Kane County

Subgrantee: Village of Wayne
5N430 Railroad Street
Post Office Box 532
Wayne, Illinois 60184

Project Reports and Other Informational Materials:

"Final Report – Norton Creek Urban Stream Maintenance/Restoration Plan." May 23, 1996. Christopher B. Burke Engineering, LTD.

BMP Implementation Summary:

Estimated Load Reduction

BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
326	Clearing & Snagging	7,000 ft.	?	?	?

94-14(319)ME

Title: Greenleaf Creek Streambank Stabilization Project

Purpose: This project demonstrated the ability to stabilize streambanks within an urbanized watershed by implementing an aggressive vegetation management program to remove undesirable non-native plant species on 1,100 feet of streambank, reintroduce native wetland/streamside species on 1,100 feet of streambank, and stabilization of 600 feet of streambank with A-Jacks. An educational opportunity to adjacent property owners was also provided.

Project Location: Lake County

Subgrantee: City of Park City
3420 Kehm Boulevard
Park City, Illinois 60085

Project Reports and Other Informational Materials:

"Greenleaf Creek Streambank Stabilization Project." (videotape) 1996. RSK Consultants, Inc.

"Greenleaf Creek Streambank Stabilization Project." 1996. RSK Consultants, Inc.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,700 ft.	?	?	?

94-15(319)ME

Title: Ninemile Creek Watershed Sinkhole Stabilization Project

Purpose: This project demonstrated and provided information/education to residents and landowners in the Ninemile Creek watershed as to cost-effective practices and methods to improve water quality. Ten (10) sinkholes were stabilized with appropriate land treatment practices applied to the surrounding land.

Project Location: Randolph County

Subgrantee: Randolph County Soil & Water Conservation District
313 West Belmont
Sparta, Illinois 62286

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)

008	Sinkhole Stabilization	10 (no.)	?	?	?

94-17(319)ME

Title: Ground Water Pollution Prevention Project

Purpose: This project included nonpoint source pollution prevention education for both the urban and rural communities including three field days and/or training workshops for landowners, well sealing contractors, public officials, Soil Conservation Service, Cooperative Extension Service, and soil and water conservation district (SWCD) personnel. The field days and workshops demonstrated the correct procedures to seal abandoned wells and promoted a variety of best management practices (BMPs) such as setback zones and pesticide and nutrient management practices to be implemented by landowners, business, and municipalities, etc. for the protection of ground water. County and municipal officials within Iroquois County were contacted concerning ground water protection and assistance was provided to those who plan to implement pollution prevention practices. Program information was also provided to surrounding SWCDs and other similar organizations. In addition to the educational portion, a cost-share program was administered so that a total of 58 abandoned wells were properly sealed.

Project Location: Iroquois County

Subgrantee: Iroquois County Soil & Water Conservation District
205 West Oak Street
Watseka, Illinois 60970

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
005	Well Sealing	58 (no.)	?	?	?

94-18(319)CD

Title: National Monitoring Strategy on Lake Pittsfield

Purpose: This project will continue the identification of sources of sediment and the efficiency of sedimentation control practices on the tributary watershed of Lake Pittsfield. This project was previously funded under Section 319 in federal fiscal years 1992 and 1993. The project is a cooperative Section 319/314 effort for lake restoration and water quality improvement.

Project Location: Pike County

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

94-19(319)ST

Title: Waukegan River National Monitoring Strategy

Purpose: This project utilized the national monitoring program to demonstrate the effectiveness of biotechnical stream stabilization techniques implemented on the Waukegan River. The urban fisheries and stream habitat were surveyed before implementation of biotechnical stream stabilization. Under the national monitoring program, stream fishery and instream habitat were surveyed to provide post implementation data. The monitoring strategy included macroinvertebrate sampling, physical habitat monitoring, and fisheries monitoring during the spring, summer, and fall cycles of the project period. All monitoring and associated data were entered into USEPA's Nonpoint Source Management System (NPSMS) and STORET system. A color brochure was developed which described 1) the biotechnical stream stabilization techniques implemented on the Waukegan River, 2) the monitoring program, and 3) the physical and biological enhancements achieved on the Waukegan River. A report was prepared summarizing the monitoring data and the findings related to the effectiveness of implemented biotechnical stream stabilization techniques, including but not limited to improvements in habitat and bank stabilization.

Project Location: Lake County

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

94-20(319)ST

Title: Stream Restoration Manual

Purpose: A manual was developed which provides detailed instructions on the application of stream restoration techniques (both biotechnical and streambed controls) in a watershed context. The instructional manual is divided into three sections: 1) introduction to geomorphic assessments of watersheds and stream geometry, 2) application of biotechnical techniques within a watershed context, and 3) application of streambed grade controls to enhance stable pool and riffle habitat. The instructional manual is supplemented with video footage of the described application and geomorphic setting.

Project Location: Statewide

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

Project Reports and Other Informational Materials:

"Field Manual of Urban Stream Restoration." June 1997. Illinois State Water Survey

94-21(319)CT

Title: National Monitoring Conference

Purpose: This project brought together a variety of entities involved in the assessment of water quality in the United States and Canada. The conference focused on those groups and individuals with an interest in national monitoring projects and those with the knowledge of water quality assessment in order to create a unified, organized effort to accomplish water quality improvement. The conference also highlighted the use of national monitoring criteria to provide comparable results and to improve the opportunity for water quality data comparisons between states.

Project Location: Statewide

94-22(319)CT

Title: Nonpoint Source Pollution Awareness Through Advertisements

Purpose: This project heightened the awareness of urban nonpoint source pollution (specifically stormwater runoff) through pollution prevention advertisements (messages, graphics, and photographs) on billboards in Springfield, Illinois. The advertisements will addressed the different types of pollutants associated with urban runoff and highlighted the concept of pollution prevention through watershed management. One billboard design was featured in Springfield from July through August, 1996. A second new design was used from September through October, 1996.

Project Location: Sangamon County

Subgrantee: Not Applicable

94-24(319)CT

Title: GIS Technology Support for the Targeted Watershed Approach

Purpose: This project created the coverages and programs necessary for conducting the Targeted Watershed Approach (TWA) in a geographic information system (GIS) environment and trained Illinois EPA staff in GIS techniques and applications. The TWA is a method of prioritizing Illinois EPA's Bureau of Water program activities within targeted watersheds where the greatest environmental benefit can be realized. The Support Technology for Environmental Water & Agricultural Resource Decisions (STEWARD) and Agricultural Nonpoint Source Pollution (AGNPS) model were applied on the Lake Pittsfield watershed to 1) identify recommended best management practices (BMPs) that should be applied; 2) quantify pollutants loads under conditions before and after implementation of Section 319 BMPs; 3) evaluate the effectiveness of applied BMPs; and 4) determine the functional value of the models for these purposes.

Project Location: Statewide

Subgrantee: Illinois State Water Survey
2204 Griffith Drive
Champaign, Illinois 61820-7495

Project Reports and Other Informational Materials:

"GIS Technology Support for the Targeted Watershed Approach." June 1996. Illinois State Water Survey and Illinois Environmental Protection Agency.

"Investigation of the STEWARD Expert System for the lake Pittsfield Watershed." December 1998. Illinois State Water Survey.

"Modeling the Lake Pittsfield Watershed Using the AGNPS-ARC/INFO Model." December 1998. Illinois State Water Survey.

94-25(319)SR

Title: Southern Illinois No-Till Rental and Demonstration Project (Union Co.)

Purpose: This project allowed the rental of no-till equipment to farmers in Union County at a reduced cost per acre charge. Because the economic conditions experienced in the agricultural communities in this part of the state, and the average farm size in the county being significantly less than the state average, many farmers need hands-on experience before they will be convinced to purchase the expensive equipment on their own. This project also demonstrated to the farmer ways of managing no-till so equal or better results compared to conventional tillage can be attained.

Project Location: Union County

Subgrantee: Union County Soil & Water Conservation District
R.R. #2, Box 305C
Anna, Illinois 62906

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
329	Conservation Tillage	5,038.5 ac.	49,512.9	?	?

94-26(319)JC

Title: NPS Information and Education Conference

Purpose: The Illinois EPA held a conference during the fall of 1996 focused on the techniques utilized to inform and educate the public about nonpoint source pollution prevention. Federal, state, local, and volunteer groups discussed their efforts and students participating in environmental programs made presentations on their efforts. A site visit was made to the Brookfield Zoo and an optional trip to the Shedd Aquarium (two information/education projects funded in part by Section 319).

Project Location: Cook County

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

94-29(319)CT

Title: Joliet Arsenal Riparian Restoration Project

Purpose: This project provided geographic information system data, maps, and model analysis for the creation and restoration of wetlands and protection of the wetland systems within the Joliet Arsenal.

Project Location: Will County

Subgrantee: Illinois Department of Natural Resources
524 South Second
Springfield, Illinois 62701-1787

94-30(319)ST

Title: Biotic Assessment of Watershed Management Practices Methodology

Purpose: The Illinois EPA will assess and revise current Index of biotic Integrity (IBI) metrics, including incorporation of alternative measures of stream size. Revision of the effort metric shall be assessed, including modifications to account for low fish abundance. After revision of the effort metric, an IBI user manual will be developed. Recommendations and protocols regarding use of the IBI as a watershed assessment tool will also be developed. Finally, various regionalization schemes for fisheries communities will be verified and recommended.

Project Location: Statewide

Subgrantee: Center for Aquatic Ecology
Illinois Natural History Survey
607 E. Peabody Drive
Champaign, Illinois 61820

94-31(319)GG

Title: Blue Creek Stream Restoration Project

Purpose: Blue Creek, a tributary of Lake Pittsfield (ILRDP), was experiencing streambed incision and mass wasting of oversteepened banks, producing for increased sediment yield. Along the stream channel, large ravines had eroded around concrete drop structures and were downcutting upstream through grassed waterways into row crop fields, further increasing sediment yield. To address these problems, the stream channel was stabilized with 12 low rock wiers, which were spaced as natural riffles along 1,500 feet of stream. Two of the weirs were constructed to serve as low water stream crossings for farm equipment. Eroding banks were stabilized with vegetation. In some weir locations, riprap was extended downstream to protect the streambed and bank on meander bends from the high

energy flows generated on the weir backslope. Two ravine erosion sites were stabilized with riprap, soils, and grasses where runoff had eroded soils from concrete drop structures.

Project Location: Pike County

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

Project Reports and Other Informational Materials:

"Blue Creek Restoration – Riffle/Weir Construction." 1998. Illinois State Water Survey.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
584	Stream Channel Stabilization	1,500 ft.	206	175	351

94-32(319)ST

Title: Macoupin County Public Water Supply Watershed Project

Purpose: This project addressed water quality problems, primarily siltation and atrazine, of two public water supply lakes. Thirteen (13) water and sediment control basins were constructed in the Otter Lake (ILRDF) and/or Palmyra/Modesto Lake (ILRDZP) watersheds.

Project Location: Macoupin County

Subgrantee: Macoupin County Soil & Water Conservation District
300 Carlinville Plaza
Carlinville, Illinois 62626

Project Reports and Other Informational Materials:

"Macoupin County PWS Watershed Project – Final Report." August 25, 1999. Macoupin County Soil & Water Conservation District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
638	Water & Sediment Control Basin	13 (no.)	?	?	?

94-34(319)JC

Title: The North Branch Chicago River Project – 2

Purpose: With funding under Section 319 in federal fiscal year 1996, the Friends of the Chicago River and its project partners developed a model urban watershed protection handbook that will assist urban resource managers and interested parties throughout the midwest in the protection, restoration, and maintenance of similar watersheds. The handbook was developed and field tested as part of the

development of an actual watershed strategy and implementation effort for the North Branch of the Chicago River (ILHCC08). With supplemental funding under the FFY94 Section 319 grant, the friends of the Chicago River implemented additional best management practices to demonstrate techniques for the protection and restoration of water quality in the North Branch of the Chicago River. Funding was also used to print additional copies of the model urban watershed protection handbook.

Project Location: Counties of Lake & Cook

Subgrantee: Friends of the Chicago River
407 S. Dearborn Street, Suite 1580
Chicago, Illinois 60605

Project Reports and Other Informational Materials:

"Voices of the Watershed – A Guide to Urban Watershed Management Planning." 1999. Friends of the Chicago River.

"North Branch Chicago River Project – Final Report." June 13, 2000 Friends of the Chicago River.

94-35(319)CD

Title: Salt Creek Streambank Stabilization Project

Purpose: This project reduced erosion and nonpoint source pollution through the stabilization of eroding streambanks along an approximately 2,735 foot segment of Salt Creek (ILGL09) located in Wood Dale, Illinois. Bioengineering techniques (i.e., geogrid, lunkers, A-jacks, fiber rolls, minor stream regrading, vegetation) were used. An educational stand was also installed at the site to explain the streambank stabilization practices and the importance of nonpoint source pollution control.

Project Location: DuPage County

Subgrantee: City of Wood Dale
404 North Wood Dale Road
Wood Dale, Illinois 60191

Project Reports and Other Informational Materials:

"Salt Creek Streambank Stabilization Project – Final Report." August 2000. City of Wood Dale.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	2,735 ft.	127	109	216

94-36(319)SR

Title: Nonpoint Source Pollution Book for Grades 3 through 5

Purpose: This project developed a "Magic School Bus" style book on nonpoint source pollution. The intended audience is youth in the 3rd through 5th grades. A teachers guide was also developed.

Project Location: Statewide

Subgrantee: The University of Illinois
801 South Wright Street
Champaign, Illinois 61820

Project Reports and Other Informational Materials:

"Secret Agent Worms In … The Disappearing Earth." December 2000. University of Illinois Extension.

"Mission Possible – A Teacher's Guide for the Disappearing Earth." December 2000. University of Illinois Extension.

94-37(319)BL

FFY 1995 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Mackinaw River Project

Purpose: This project assisted rural land and water managers in Illinois' Mackinaw River (ILDK13) eco-shed in protecting and restoring aquatic and riparian life. The project demonstrates the viability of cooperative efforts to implement land and water management practices that are ecologically, economically, and socially compatible. The project implemented a replicable process for examining, prioritizing, and correcting water quality impairments resulting from changes in land use and hydrology, and increased nonpoint source pollution. The project illustrated innovative solutions to economic and social constraints to the adoption of best management practices. The project established a process for involving and empowering key stakeholders in eco-shed management.

Project Location: Counties of Mason, Tazewell, Woodford, Ford, McLean, and Livingston

Subgrantee: The Nature Conservancy, Central Illinois Field Office
416 Main Street, Suite 1112
Peoria, Illinois 61602

Project Reports and Other Informational Materials:

"Building Partnerships Over Land & Water – The Mackinaw River Project." (videotape, 24 min.) 1998. The Nature Conservancy.

"Ensuring Citizens Have a Voice … a Guide to Watershed Management Planning." 1998. The Nature Conservancy.

"Mackinaw River Watershed Management Plan." June 1998. The Nature Conservancy.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
657	Wetland Restoration	59 ac.	?	?	?
638	Water & Sediment Control Basin	5 (no.)	?	?	?
580	Streambank/Shoreline Protection	9,240 ft.	?	?	?
556	Planned Grazing System	40 ac.	?	?	?
410	Grade Stabilization Structure	3 (no.)	?	?	?
612	Tree Planting	12 ac.	?	?	?
648	Wildlife Watering Facility	1 (no.)	?	?	?
512	Pasture & Hayland Planting	14 ac.	?	?	?
510	Pasture & Hayland Management	416 ac.	?	?	?
644	Wildlife Wetland Habitat Management	4 ac.	?	?	?
666	Woodland Improvement	242 ac.	?	?	?
314	Brush Management	6 ac.	?	?	?
640	Waterspreading	3 ac.	?	?	?
472	Livestock Exclusion	10 ac.	?	?	?
342	Critical Area Planting	3 ac.	?	?	?

95-1(319)CD

Title: Lake Forest Wetland Demonstration Project

Purpose: This project recreated a 25 acre wetland by restoring the natural hydrology and vegetative cover of the project site, primarily floodplain. Drainage tiles and minor water control structures were disabled to allow for the creation of a wetlands complex which intercepts runoff and benefits water quality. The project diverted stormwater runoff from the upstream sources into a wetlands system where it receives secondary biological treatment prior to discharge into the Middle Fork of the North Branch of the Chicago River (ILHCCC04). The project also involved the implementation of a public education program.

Project Location: Lake County

Subgrantee: Lake County Forest Preserve District
2000 Milwaukee Avenue
Libertyville, Illinois 60048

Project Reports and Other Informational Materials:

"Lake Forest Wetlands Demonstration Project." January 31, 1997. Lake County Forest Preserve District.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
800	Urban Stormwater Wetland	25 ac.	?	?	?

95-2(319)ME

Title: Urban Erosion Control Project

Purpose: This project was implemented in an agricultural area undergoing phased urban development in the Lake Springfield watershed. The project demonstrated the effectiveness of nonpoint source pollution control practices implemented and maintained during the construction of utilities and houses. Control sites were used for comparison purposes. The effectiveness of pollution control techniques were documented through videotape and a computer simulation model of runoff from the project sites. Project results were used for preparing a draft construction erosion control ordinance in Sangamon County and for strengthening an existing city of Springfield Land Subdivision Ordinance.

Project Location: Sangamon County

Subgrantee: Sangamon County Soil & Water Conservation District
40 Adloff Lane, Suite 4
Springfield, Illinois 62703

Project Reports and Other Informational Materials:

"Urban Development Erosion Control Demonstration Project for Lake Springfield Watershed – Final Report." October 1997. Sangamon County Soil & Water Conservation District.

95-3(319)JC

Title: Chick Evans Golf Course Stream Protection Project

Purpose: This project created a filter strip along the North Branch of the Chicago River (ILHCC08) in the Chick Evans Golf Course to reduce nonpoint source pollution such as sediment, fertilizers, and other chemicals through the establishment of land treatment measures that improved aesthetic conditions, enhanced environmental quality, and inhibit flood damage. A-jacks, lunkers, and vegetation were established along the river to stabilize 827 feet of streambanks and reduce the amount of sediment released into the water and filter runoff from the golf course.

Project Location: Cook County

Subgrantee: Forest Preserve District of Cook County
536 North Harlem Avenue
River Forest, Illinois 60305

Project Reports and Other Informational Materials:

"Chick Evans Golf Course Stream Protection Project – Final Report." September 1997. Forest Preserve District of Cook County.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Stabilization	827 ft.	34	29	58

95-4(319)SR

Title: Illinois Farm-A-Syst

Purpose: This project was Phase 2 of the Farm-A-Syst program established by the Illinois Department of Agriculture. Phase 2 further developed and enhanced the efforts and developments of Phase 1 of this effort by providing additional training, the development of Illinois Farm-A-Syst Plus, the development of Illinois Home-A-Syst, and by providing the availability of water sampling. Phase 2 was the next step in the development of a Farm-A-Syst program which was comprehensive and provided universal statewide coverage.

Project Location: Statewide

Subgrantee: Illinois Department of Agriculture
Division of Natural Resources
State Fairgrounds, P.O. Box 19281
Springfield, Illinois 62794-9281

95-5(319)JC

Title: 60 Ways Farmers Can Protect Surface Water

Purpose: A guidebook entitled 60 Ways Farmers Can Protect Surface Water was developed, published, and distributed. The book contains information on techniques to control soil erosion and livestock waste, methods for reducing chemical use, and application of best management practices that prevent surface water contamination.

Project Location: Statewide

Subgrantee: University of Illinois - Cooperative Extension Service
65 Mumford Hall, 1301 N. Gregory Drive
Urbana, Illinois 61801

Project Reports and Other Informational Materials:

"60 Ways Farmers Can Protect Surface Water." August 1997. University of Illinois - Cooperative Extension Service

95-7(319)CT

Title: Phase 1 Implementation of the Flint Creek Watershed Management Plan

Purpose: This project initiated the implementation of a comprehensive nonpoint source pollution control strategy developed with Clean Water Act Section 104(b)(3) funding. Recommendations of the Flint Creek (ILDTZS01) watershed management plan were executed through the coordinated implementation of best management practices for urban runoff and stream and watershed management. The overall project included streambank (5,650 feet) and lake shoreline (250 feet) stabilization/restoration, the installation of sand filters, flow control structures, wetland restoration, public education, and implementation of the Lake County Watershed Development Ordinance in the Flint Creek watershed.

Project Location: Lake County

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Reports and Other Informational Materials:

"Flint Creek Watershed Restoration Projects." September 1997. Northeastern Illinois Planning Commission.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	5,900	128	108	217
845	Infiltration Trench	2 (no.)	?	?	?
840	Grassed Lined Channel	0.33 ac.	?	1	3
657	Wetland Restoration	0.63 ac.	?	?	?

95-8(319)SR

Title: National Monitoring Strategy on Lake Pittsfield

Purpose: This project continued the identification of sources of sediment and the efficiency of sediment control practices on the tributary watershed of Lake Pittsfield This project was previously funded under Section 319 in federal fiscal years 1992, 1993, and 1994. The project is a cooperative Section 319/314 effort for lake restoration and water quality improvement.

Project Location: Pike County

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

Project Reports and Other Informational Materials:

"Effects of Land Management on Lake Pittsfield Sedimentation and Water Quality - National Watershed Monitoring Project." November 15, 1996. Illinois State Water Survey.

95-9(319)ST

Title: Waukegan River National Monitoring Strategy (Phase 2)

Purpose: This project continued the utilization of the national monitoring program initiated under Section 319 in federal fiscal year 1994 to demonstrate the effectiveness of biotechnical stream stabilization techniques implemented on the Waukegan River.

Project Location: Lake County

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

Project Reports and Other Informational Materials:

"Waukegan River National Monitoring Program – Biological and Physical Monitoring of Waukegan River Restoration Efforts in Biotechnical Bank Protection and Pool/Riffle Creation." May 1997. Illinois State Water Survey.

95-10(319)ST

Title: Southwestern Illinois Karst Project

Purpose: This project was located within Illinois EPA's Southern Illinois Ground Water Protection Region. The three counties involved have more than 220,800 acres of karst topography. The project educated residents in the karst areas about how their activities affect the quality of the ground water, what nonpoint source pollution is, and the best management practices needed to prevent it. In addition, technical studies were conducted to produce up-to-date assessments on the ground water quality of the area, identify priority contaminants, and their pathways.

Project Location: Monroe County

Subgrantee: Monroe-Randolph Bi-County Health Department
901 Illinois Avenue, Suite A
Waterloo, Illinois 62298

Project Reports and Other Informational Materials:

Karst Land in Illinois." (poster) 1997. Illinois State Geological Survey.

"Southwestern Illinois Sinkhole Plain – Best Management Practices Manual." 1997. Mississippi Karst Resource Planning Committee.

"Groundwater Quality & Contaminant Levels, Monroe County, Illinois." 1997. Southern Illinois University.

"Groundwater Tracing and Recharge Area Delineation Study for Two Karst Study Areas in Monroe County, Illinois." January 29, 1998. Ozark Underground Laboratory.

95-11(319)CD

Title: Brookfield Zoo NPS Pollution Awareness Exhibit (Wetlands Conservation Exhibit)

Purpose: A Wetlands Conservation Exhibit was designed and constructed to enhance the public's understanding of the value and function of swamps, marshes, and other wetlands. The exhibit highlighted the importance of wetlands in improving water quality, supporting wildlife, and controlling floods. Impacts on water quality and wetlands, such as nonpoint source pollution, draining and filling, introduction of

exotic species, and unsustainable use of natural resources are presented. The qualities indicative of a healthy wetland environment are displayed and described. The ways in which human activities impact wetland ecosystems, including nonpoint source pollution, are demonstrated in a variety of means throughout the exhibit. The actions zoo visitors can take to minimize negative impacts on wetlands are also displayed, such as minimizing the use of fertilizers and pesticides, helping to enforce existing wetland protection laws, keeping harmful materials out of storm sewers, and supporting wetlands protection and enhancement efforts.

Project Location: Cook County

Subgrantee: Chicago Zoological Society
Brookfield Zoo
3300 Golf Road
Brookfield, Illinois 60513

Project Reports and Other Informational Materials:

"The Swamp: Wonders of Our Wetlands." (video and narrated photo journal) March 1996. Chicago Zoological Society.

95-12(319)RM

Title: Shedd Aquarium NPS Pollution Awareness Exhibit (WaterWise)

Purpose: The WaterWise exhibit was designed and constructed to explain the various forms of nonpoint source pollution, their impacts on the environment, methods for minimizing those impacts, and the importance of water quality protection. The information was presented in a fun and engaging manner to stimulate the public's willingness to participate in the practical solutions to nonpoint source pollution highlighted by the exhibit. The exhibit was located in the John G. Shedd Aquarium's main foyer during August 1995. Each Thursday evening in August 1995, the exhibit was part of a special "after hours" event. Illinois EPA employees and other volunteers staffed the exhibit, providing the public an opportunity to talk with water quality experts. After August, the exhibit was relocated to an alternate venue. WaterWise was coordinated with, and the funding used to enhance, the Nonpoint Source Pollution and Stream Ecology exhibit initiated with Federal fiscal year 1991 Section 319 funds.

Project Location: Cook County

Subgrantee: John G. Shedd Aquarium
1200 South Lake Shore Drive
Chicago, Illinois 60605

95-13(319)SR

Title: Lincoln Memorial Garden NPS Pollution Control Education Project

Purpose: Demonstrative best management practices (BMPs) for nonpoint source pollution control were implemented on Lincoln Memorial Garden property located within the Lake Springfield watershed. BMPs included upland watershed treatment,

streambank stabilization, shoreline protection, critical area vegetative management (prairie grasses and forbes and trees), reforestation, and wetland restoration. The project also provided an excellent opportunity for "hand-on" application workshops for a variety of ages. In addition to the BMPs, a nonpoint source pollution control interpretive exhibit was located at the Nature Center on the Garden property and information/education materials were developed and distributed.

Project Location: Sangamon County

Subgrantee: Lincoln Memorial Garden
2301 East Lake Drive
Springfield, Illinois 62707

Project Reports and Other Informational Materials:

"Striving For Cleaner Water: A Self-Guided Trail Tour." Brochure. 1999. Lincoln Memorial Garden.

"Lincoln Memorial Garden Nonpoint Source Pollution Control Education Project – Final Report." January 30, 1999. Lincoln Memorial Garden Nature Center.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
657	Wetland Restoration	3.0 ac.	?	?	?
356	Dike	600 ft.	?	?	?
410	Grade Stabilization Structure	2 (no.)	?	?	?
584	Stream Channel Stabilization	1,100 ft.	72	61	124
580	Streambank/Shoreline Protection	2,400 ft.	98	83	167
393	Filter Strip	?	?	?	?

95-15(319)CD

Title: Chicagoland Environmental Network

Purpose: The Chicagoland Environmental Network facilitated the exchange of information and resources concerning nonpoint source pollution, water quality, and other related environmental issues. The public was provided access to information and volunteer opportunities through a computer database of environmental organizations and agencies involved in habitat restoration, wetlands, prairies, watershed projects, urban gardening, revitalization programs, energy conservation, and recycling. The CEN also developed a long range plan identifying its 10 year mission and strategy, including future programs and functions, resource needs, goals and objectives, etc.

Project Location: Cook County

Subgrantee: Chicago Zoological Society
3300 South Golf Road
Brookfield, Illinois 60513

95-16(319)SR

Title: Indian Lake Interpretation

Purpose: Through a cooperative effort with the Chicago Zoological Society (Brookfield Zoo), the Illinois EPA created an interpretive program designed to educate visitors about the benefits of healthy lake ecosystems, the physical and biological characteristics of functioning lakes including the flora and fauna of such habitats in Illinois, the positive and negative impacts of people on lakes, and how visitors can help protect lake water quality. This interpretive program is located around Indian Lake (ILWGZY) at the Brookfield Zoo.

Project Location: Cook County

Subgrantee: Chicago Zoological Society
3300 South Golf Road
Brookfield, Illinois 60513

Project Reports and Other Informational Materials:

"Salt Creek Wilderness, Indian Lake, Dragonfly Marsh – Final Report." August, 1999. Brookfield Zoo.

95-17(319)ST

Title: Know Your Watershed Program

Purpose: The Illinois EPA assisted in the Conservation Technology Information Center's efforts to host one statewide Watershed Partnership Workshop and three regional Watershed Facilitator Workshops in Illinois. The workshops were targeted to representatives from municipalities, state agencies, state level associations, commodity groups, private industry, non-governmental organizations, and other pertinent groups working with watershed management. The focus of the workshops was on what each organization can provide toward the management of watersheds in Illinois.

Project Location: Statewide

Subgrantee: Conservation Technology Information Center
1220 Potter Drive, Room 170
West Lafayette, Indiana 47906-1383

Project Reports and Other Informational Materials:

"Bridge Builder – A Guide for Watershed Partnerships. Facilitators Handbook." 1998. Conservation Technology Information Center.

95-18(319)CD

Title: Illinois River Watershed Display

Purpose: An Illinois River watershed display and brochure was designed to enhance the public's awareness of the watershed, water quality of the watershed, nonpoint source pollution and its impact on the Illinois River watershed, efforts to improve water quality in the watershed, tips on how the public can prevent nonpoint source

pollution in the watershed, and history of the Illinois River watershed. The display will be placed on exhibition at various locations, including at the Clean Water Celebration in March 1999 at the Peoria Civic Center.

Project Location: Peoria County

Subgrantee: Powell Press Board of Managers
942 N. E. Glen Oak
Peoria, Illinois 61603

Project Reports and Other Informational Materials:

"Our River is a Reflection of Our Community." (Brochure) 1999. The Peoria Historical Society.

95-19(319)SR

Title: National Urban Water Quality Retrofit Conference

Purpose: Financial and technical assistance was provided by the Illinois EPA to help host the National Urban Water Quality Retrofit Conference. The conference highlighted innovative technologies and approaches for the improvement of water quality in urban areas.

Project Location: Cook County

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

95-20(319)SR

FFY 1996 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: NPS Control in a Priority Ground Water Protection Planning Region

Purpose: The goal of this project was to reduce the leaching potential of certain pesticides within community water supplies (CWS) well recharge areas, given soil characteristics and implementation of selected agricultural best management practices (BMPs). The three CWSs chosen were Edwardsville, Roxana, and Troy all located in the Southern Groundwater Protection Planning Region. Landowners employed BMPs on 750 out of 1,000 acres within the recharge areas.

Project Location: Madison County

Subgrantee: Madison County Soil & Water Conservation District
7205 Marine Road, P.O. Box 482
Edwardsville, Illinois 62025

96-1(319)SR

Title: North Branch Chicago River Watershed Project

Purpose: A model urban watershed protection handbook was developed to assist urban resource managers and interested parties throughout the Midwest in the protection, restoration, and maintenance of similar watersheds. The handbook was developed and field tested as part of the development of an actual watershed management plan and implementation effort for the North Branch of the Chicago River (ILHCC08). The project promoted partnerships that advocate and implement watershed planning and the implementation of best management practices.

Project Location: Cook County

Subgrantee: Friends of the Chicago River
407 S. Dearborn Street, Suite 1580
Chicago, Illinois 60605

Project Reports and Other Informational Materials:

"Voices of the Watershed – A Guide to Urban Watershed Management Planning – Based on the Experiences of the North Branch Watershed Project." 1999. Friends of the Chicago River.

"North Branch Chicago River Project – Final Report." February 9, 2000. Friends of the Chicago River.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	4,250 ft.	33	28	55
865	Land Grading	1.8 ac.	?	?	?
880	Permanent Seeding	1.8 ac.	?	?	?
800	Urban Stormwater Wetland	1.4 ac.	?	11	45

96-2(319)CD

Title: Indian Lake Wetlands Educational Interpretation Project

Purpose: The Illinois EPA expanded its nonpoint source pollution control information/education program through a cooperative effort with the Chicago Zoological Society (Brookfield Zoo). A wetland adjacent to the Zoo's Indian Lake (ILWGZY) was designed to help visitors experience a functioning wetland system in northeastern Illinois. An educational interpretive program was developed for the wetland to highlight both the positive and negative impacts people can have on the environment, with an emphasis on helping visitors learn about ways they can help the environment. A boardwalk was constructed through the wetland for visitors to safely travel through the wetland without disrupting the natural functions. Visitors have the opportunity to perform hands-on tests to see how the wetland improves water quality. Signage and interactive devices along the boardwalk help visitors understand the importance of clean water. A self-guided trail tells the wetland story without detracting from the surrounding natural scene.

Project Location: Cook County

Subgrantee: Chicago Zoological Society
3300 South Golf Road
Brookfield, Illinois 60513

Project Reports and Other Informational Materials:

"Salt Creek Wilderness, Indian Lake, Dragonfly Marsh – Final Report." August, 1999. Brookfield Zoo.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
657	Wetland Restoration	1.5 ac.	?	?	?

96-3(319)ST

Title: Expansion of the Water Works Lab

Purpose: A Water Lab exhibit was constructed at the Chicago Academy of Sciences' new Nature Museum to present key concepts of water related sciences to help people examine, understand, and affect environmental issues. The Water Lab is a "hands-on/minds-on" exhibit and a working laboratory/classroom. A large model of the Chicago River provides explanations of how the river works, and what kinds of plants and animals live in this environment. The model explains the concept of watersheds and that what we do on the land impacts the quality of our water. The history of how the river has changed is described, as are the different types of uses and ecosystems of the river and Lake Michigan. Interactive devises teach visitors about urban nonpoint source pollution and how such pollution can be reduced. The loss, function, and benefits of wetlands are explained. The exhibit includes aquarium tanks stocked with aquatic animals, including species both exotic and native to the Chicago River. A separate stream table allows visitors to make their own river and learn first hand how water shapes the land while exploring issues related to erosion and stream hydrology. A water quality testing lab allows visitors to analyze random water samples and make water management decisions based on the test results. Visitors can test for pH, chloride, and dissolved oxygen. Interactive computer stations allow visitors to explore various software and databases concerning water quality and related environmental issues.

Project Location: Cook County

Subgrantee: Chicago Academy of Sciences
2060 North Clark Street
Chicago, Illinois 60614

96-4(319)SR

Title: National Monitoring Strategy on Lake Pittsfield

Purpose: This project continued the identification of sources of sediment and the efficiency of sediment control practices on the tributary watershed of Lake Pittsfield (ILRDP). This project was previously funded under Section 319 in federal fiscal years 1992, 1993, 1994, and 1995. The project was a cooperative Section 319/314 effort for lake restoration and water quality improvement.

Project Location: Pike County

Subgrantee: Illinois State Water Survey
Post Office Box 697

Peoria, Illinois 61652-0697

96-5(319)ST

Title: Waukegan River National Monitoring Strategy (Phase 3)

Purpose: This project continued the utilization of the national monitoring program initiated under Section 319 in Federal fiscal year 1994 to demonstrate the effectiveness of biotechnical stream stabilization techniques implemented on the Waukegan River.

Project Location: Lake County

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

96-6(319)ST

Title: Northeastern Illinois Community Assistance Office

Purpose: This project provided training to Natural Resource Conservation Service regional staff on water quality regulations and technical issues. Furthermore, the project encouraged the provision of nonpoint source pollution control related technical assistance to appropriate local agencies and organizations in northeastern Illinois. The Natural Resources Conservation Service's Northeastern Illinois Community Assistance Office was established to serve the six county northeastern Illinois area. This office provided technical assistance to soil and water conservation districts, planning commissions, county departments, townships and municipalities in northeastern Illinois. In addition to direct technical assistance, the staff of this office provided information/education and training assistance. The major focus of the office was on erosion/sediment control, water quality, and natural resource management.

Project Location: Counties of Lake, McHenry, Kane, DuPage, Cook, and Will

Subgrantee: USDA Natural Resource Conservation Service
1902 Fox Drive
Champaign, Illinois 61820

96-7(319)ME

Title: National NPS Pollution Information/Education Conference Proceedings

Purpose: This project printed the presentations from the National NPS Pollution Information/Education Conference and distributed the proceedings to registered participants at the conference.

Project Location: Cook County

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800

Chicago, Illinois 60606-6097

Project Reports and Other Informational Materials:

"A National Conference - Nonpoint Source Pollution Information/Education Programs." March 1997. Northeastern Illinois Planning Commission.

96-9(319)CT

Title: Phase 2 Modeling on Lake Pittsfield

Purpose: This project provided additional funding to implement the modeling component of the GIS Technology Support for the Targeted Watershed Approach project funded under Section 319 in FFY94. The Support Technology for Environmental Water & Agricultural Resource Decisions (STEWARD) and Agricultural Nonpoint Source Pollution (AGNPS) model were applied on a sub-watershed of the Lake Pittsfield (ILRDP) watershed. The purpose of the modeling was to 1) identify recommended best management practices (BMPs) that should be applied; 2) quantify pollutant loads under conditions before and after implementation of Section 319 BMPs; 3) evaluate the effectiveness of applied BMPs; and 4) determine the functional value of the models for these purposes.

Project Location: Pike County

Subgrantee: Illinois State Water Survey
2204 Griffith Drive
Champaign, Illinois 61820-7495

Project Reports and Other Informational Materials:

"Investigation of the STEWARD Expert System for the Lake Pittsfield Watershed." December 1998. Illinois State Water Survey.

"Modeling of the Lake Pittsfield Watershed Using the AGNPS-ARC/INFO Model." December 1998. Illinois State Water Survey.

96-11(319)SR

Title: Nonpoint Source Pollution Awareness Exhibit

Purpose: A new exhibit was designed, constructed, and placed on display at the Shedd Aquarium to enhance the public's understanding of the value and function of water resources, nonpoint source pollution and its impact on water quality, and what can be done to protect Illinois' water resources. The exhibit includes an aquarium stocked with live fish and plant species native to Illinois as well as graphics, copy, and interactive materials that present information on nonpoint source pollution and methods for reducing nonpoint source pollution. A music video for the song "Environment is Everything" was developed to illustrate the causes and sources of nonpoint source pollution, its impact on water quality, and the need to protect water

resources. The music video was routinely played at the Shedd Aquarium for viewing by the public.

Project Location: Cook County

Subgrantee: John G. Shedd Aquarium
1200 South Lake Shore Drive
Chicago, Illinois 60605

Project Reports and Other Informational Materials:

"Environment is Everything." (music video, 4.5 min.) 1997. John G. Shedd Aquarium.

96-10(319)SR

Title: Evaluation for the Children's Zoo

Purpose: The purpose of this project was to evaluate Brookfield Zoo visitors' awareness of the environmental impact of agriculture. The evaluation will affect planning for the expansion and renovation of the Children's Zoo.

Project Location: Cook County

Subgrantee: Chicago Zoological Society
Brookfield Zoo
3300 Golf Road
Brookfield, Illinois 60513

96-12(319)CT

Title: Cache River Reforestation Project

Purpose: This project accelerated the conversion of environmentally sensitive croplands to forest through the planting of native hardwood species. The project was targeted toward fields designated as "prior converted cropland" or "farmed wetland" with an emphasis on plantings in riparian corridors which provide streambank stability and/or connect fragmented habitats. Technical assistance was also provided for the improvement of already existing timber stands along with an information/education program.

Project Location: Counties of Union, Johnson, Alexander, Pulaski, and Massac

Subgrantee: Shawnee Resource Conservation and Development Area
R.R. 6, Box 255
1305 North Carbon
Marion, Illinois 62959

Project Reports and Other Informational Materials:

"Cache River Reforestation Project – Phase 1 – Final Report." March 17, 2000. Shawnee Resource Conservation & Development Area, Inc.

"Managing Your Forestland." (25 min. Videotape) March 2000. Shawnee Resource Conservation & Development Area, Inc.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
612	Tree Planting	2,578.8 ac.	72,000	?	?

96-13(319)JC

Title: Tri-County Erosion, Sedimentation, and Stormwater Management Program

Purpose: This project initiated the execution of the multi-county soil erosion and sedimentation control program implementation plan and ordinance prepared with funding under a FFY90 Section 319 grant. Funding was used to finance staff to review local erosion and sedimentation control plans, perform inspections and other enforcement procedures, carry-out education and training functions, maintain control standards and technical guides, ensure intergovernmental cooperation, and evaluate program effectiveness.

Project Location: Counties of Peoria, Woodford, and Tazewell

Subgrantee: Tri-County Regional Planning Commission
100 North Main Street, Suite 301
East Peoria, Illinois 61611-2533

Project Reports and Other Informational Materials:

"Tri-County Erosion, Sediment & Storm Water Management Program – First Annual Report." 1997. Tri-County Regional Planning Commission.

"Tri-County Erosion, Sediment & Storm Water Management Program – Second Annual Report." 1998. Tri-County Regional Planning Commission.

96-14(319)ST

Title: North Fork Embarras Watershed Project

Purpose: This project protected and improved the water quality of the North Fork Embarras River (ILBEF05) watershed by reducing nonpoint source pollutants. A comprehensive sediment and nutrient reduction project was implemented that included watershed protection, information, and education programs. Upland BMPs installed included 31 grassed waterways, 25 sediment and nutrient retention structures, 5 critical area seedings, 3 water and sediment control basins, 2 terrace systems, and 14 grade stabilization structures. Eight streambank stabilization projects were installed on 2,373 linear feet of streambank on the main channel and its tributaries. These included one bendway weir project (consisting of seven weirs), one willow post planting, and six longitudinal peakstone toe protection projects.

Project Location: Counties of Jasper, Crawford, Edgar, Coles, Cumberland, and Clark

Subgrantee: North Fork Conservancy District
Post Office Box 7, 110 East Main

Casey, Illinois 62420

Project Reports and Other Informational Materials:

"North Fork Embarras Watershed Project." March 2000. North Fork Conservancy District.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	2,373 ft.	18,452	?	?
412	Grassed Waterway	45.11 ac.	13,891	?	?
638	Water & Sediment Control Basin	28 (no.)	6,597	?	?
342	Critical Area Planting	5.6 ac.	3,276	?	?
600	Terrace	1,475 ft.	56	?	?
657	Wetland Restoration	2.7 ac.	440	?	?
410	Grade Stabilization Structure	14 (no.)	1,022	?	?

96-15(319)JC

Title: Camp Creek Restoration and Watershed Management

Purpose: This project improved water quality through the implementation of conservation practices on upland cropland, hog lots, destabilized streambanks, and the provision of education to the watershed community. Water quality benefits were achieved through construction of 1,350 feet of terraces and diversions, 115 water and sediment control basins, 3.7 acres of grassed waterways, 11.9 acres of critical area seedings, and 450 feet of willow post plantings for the stabilization of streambanks along Camp Creek (ILDGI01).

Project Location: Brown County

Subgrantee: Brown County Soil and Water Conservation District
R.R. #4
Mt. Sterling, Illinois 62353

Project Reports and Other Informational Materials:

"Camp Creek Restoration and Watershed Management Project – Final Report." December 21, 1998. Brown County Soil & Water Conservation District.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	450 ft.	490	?	?
412	Grassed Waterway	3.7 ac.	506	?	?
638	Water & Sediment Control Basin	115 (no.)	6,562	?	?
342	Critical Area Planting	11.9 ac.	2,187	?	?
600	Terrace	1,350 ft.	213	?	?

96-16(319)JC

Title: Milne Creek Phase 2 Project

Purpose: The City of Lockport continued the streambank stabilization of Milne Creek initiated with funding under Section 319 in FFY94. An additional 1,240 linear feet of streambank was stabilized using bio-engineering techniques (coconut rolls and A-jacks). Also, public education materials were developed and presented to advance the need for better care of the water resources in the area.

Project Location: Will County

Subgrantee: City of Lockport
222 East 9th Street
Lockport, Illinois 60441

Project Reports and Other Informational Materials:

"Milne Creek Stream Bank Stabilization Project – Final Report." July 27, 1999. City of Lockport.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,240 ft.	67	57	113

96-17(319)JC

Title: Klein Creek Project

Purpose: This project stabilized 1,000 feet of eroding streambanks along Klein Creek (ILGBK05) using bioengineering techniques (lunkers, willow posts, vegetation, etc.) to reduce erosion and improve water quality. Local teachers were taught techniques for controlling nonpoint source pollution and stabilizing eroding streambanks. These teachers presented this knowledge to their grade school classes and students developed and implemented nonpoint source pollution control strategies to control streambank erosion.

Project Location: DuPage County

Subgrantee: Forest Preserve District of DuPage County
Fullersburg Woods Educational Center
3609 Spring Road
Oak Brook, Illinois 60521

Project Reports and Other Informational Materials:

"Klein Creek Stabilization Program – Final Report." February 6, 2000. Forest Preserve District of DuPage County.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,000 ft.	10	10	20

96-19(319)CD

Title: Chicagoland Environmental Network

Purpose: The Chicagoland Environmental Network facilitated the exchange of information and resources concerning nonpoint source pollution, water quality, and other related environmental issues. The public was provided access to information and volunteer opportunities through a computer database of environmental organizations and agencies involved in habitat restoration, wetlands, prairies, watershed projects, urban gardening, revitalization programs, energy conservation, and recycling.

Project Location: Cook County

Subgrantee: Chicago Zoological Society
3300 South Golf Road
Brookfield, Illinois 60513

96-20(319)SR

Title: Southeast Illinois Oil Brine Damage Reclamation Project

Purpose: This project demonstrated four (4) different cost-effective methods (organic matter, mineral application, plant materials, and composite test) for the reclamation of oil brine damaged sites to reduce nonpoint source pollution in the Wabash River (ILB07) and Saline River (ILAT05) watersheds. It is estimated that there is a total of 7,120 oil brine damaged sites within the project area. Runoff from these sites carry sediment, salinity, chlorides, and petroleum wastes. Four job sheets and an information packet were developed which describe materials, rates, and management techniques for use by affected landowners.

Project Location: Counties of Gallatin, Hamilton, Saline, & White.

Subgrantee: Shawnee Resource Conservation & Development Area, Inc.
Rural Route 6, Post Office Box 255
1305 North Carbon
Marion, Illinois 62959

Project Reports and Other Informational Materials:

"Southeast Illinois Brine Damage Task Force – Illinois EPA Section 319 – Oil Brine Remediation Project." (brochure) 2000. Southeast Illinois Brine Damage Task Force.

"Southeast Illinois Brine Damage Reclamation Project – Final Report." March 7, 2000. Southeast Illinois Brine Damage Task Force.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
544	Land Reconstruction, Currently Mined Land	20 ac.	?	?	?

96-21(319)ST

Title: Determining the Effective Discharges of Illinois Streams

Purpose: This project determined the effective discharges of Illinois streams so that these values can be used in guiding stream restoration projects. Effective discharge is the

discharge (or range of discharges) that is responsible for transporting the comparatively largest fraction of the sediment load for that stream.

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

Project Reports and Other Informational Materials:

"Effective Discharge of Illinois Streams." November 2002. Illinois State Water Survey.

96-22(319)ST

Title: Pittsfield National Monitoring Program

Purpose: This project continued the identification of sources of sediment and the efficiency of sediment control practices on the tributary watershed of Lake Pittsfield (ILRDP). This project was previously funded under Section 319 in federal fiscal years 1992, 1993, 1994, 1995, 1996, 1997, and 1998.

Project Location: Pike County

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

Project Reports and Other Informational Materials:

"Evaluation of Sediment Delivery to Lake Pittsfield after Best Management Practice Implementation - National Monitoring Project Annual Report." September 2000. Illinois State Water Survey.

96-23(319)ST

FFY 1997 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Honey Creek Watershed Project

Purpose: This project involved the construction of 25 large ponds, along with 6 riffles and stream barbs in tributary streams of Honey Creek (ILKCAG01) to provide increased dissolved oxygen while retaining silt, nutrients, and pesticides from immediately entering the stream. The project augmented conventional land and water treatment programs currently existing in the watershed through the construction of water holding basins in the extreme lower reaches of the side tributaries off the main stem of Honey Creek.

Project Location: Pike County

Subgrantee: Pike County Soil & Water Conservation District
1319 West Washington Street
Pittsfield, Illinois 62363

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
378	Pond	25 (no.)	14,880	5,041	10,080
584	Stream Channel Stabilization	?	?	?	?

97-1(319)JC

Title: North Fork Vermilion River Project

Purpose: Operators in the North Fork Vermilion River (ILBPG09) watershed were contacted to increase awareness and to help them adopt conservation measures. Best management practices (BMPs) were designed and constructed to reduce siltation and nutrient/pesticide transport. BMPs to be used in this project included 6,150 feet of terraces and 7.5 acres of waterways. Public meetings will be conducted to increase awareness to all citizens in the watershed.

Project Location: Vermilion County

Subgrantee: Vermilion County Soil & Water Conservation District
191 South Henning Road
Danville, Illinois 61832

Project Reports and Other Informational Materials:

"North Fork Vermilion River Project – Final Report." February 28, 1999. Vermilion County Soil & Water Conservation District.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
600	Terrace	6,150 ft.	989	?	?
412	Grassed Waterway	7.5 ac.	240	?	?

97-2(319)JC

Title: Upper Sangamon River Basin Water Quality Improvement Project

Purpose: This project reduced the amount of nonpoint source (NPS) pollution in the Upper Sangamon River (ILE28) basin and Lake Decatur (ILREA) by working in direct cooperation with the majority of the basin's land use decision makers. The two target NPS pollutants were nutrients and sediment. Through subcontracts with local soil and water conservation districts one-on-one on-site technical and educational assistance was provided to landowners throughout the watershed. Cost-share funds were used to implement agricultural best management practices including GIS/GPS w/fertilizer monitors and two wetlands.

Project Location: Macon County

Subgrantee: City of Decatur
#1 Gary K. Anderson Plaza
Decatur, Illinois 62523-1196

Project Reports and Other Informational Materials:

"Upper Sangamon River Basin Water Quality Improvement Project – Final Report." August 31, 1999. Macon County SWCD.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
657	Wetland Restoration	3.0 ac	?	?	?
590	Nutrient Management	40,183 ac.	?	?	?

97-3(319)JC

Title: Addison Creek Streambank Stabilization Project

Purpose: This project stabilized approximately 1,500 feet of eroding streambanks along Addison Creek (ILGLA01) in the city of Northlake. The project included the installation of 715 feet of rip rap and 700 feet of lunkers on the north bank and 455 feet of rip rap and 850 feet of lunkers on the south bank to reduce erosion and improve water quality.

Project Location: Cook County

Subgrantee: Addison Creek River Conservation District
55 East North Avenue
Northlake, Illinois 60164

Project Reports and Other Informational Materials:

"Addison Creek Streambank Stabilization Project – Final Report." August 1999. Christopher B. Burke Engineering, LTD.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	2,720 ft.	209	178	356

97-4(319)JC

Title: Streambank Stabilization of Spring Brook No. 1

Purpose: This project stabilized eroding streambanks along 4,000 feet of Spring Brook No.1 (ILGBK05), a tributary to the West Branch of the DuPage River using bioengineering techniques (i.e., re-establishment of native riparian vegetation, brush mattress, vegetated geogrid with fiber roll, etc.) to reduce erosion and improve water quality.

Project Location: DuPage County

Subgrantee: DuPage County Department of Environmental Concerns
421 North County Farm Road
Wheaton, Illinois 60187

Project Reports and Other Informational Materials:

"Spring Brook No. 1 Streambank Stabilization Project – Final Report." January 1999. DuPage County Department of Environmental Concerns.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	4,000 ft.	528	449	898

97-6(319)JC

Title: TAM Golf Course Streambank Stabilization

Purpose: This project stabilized approximately 1,715 feet of eroding streambanks along the North Branch of the Chicago River (ILHCC08) using bioengineering techniques (A-jacks, Bar Root River Birch, Red Twig Dogwood, prairie and wetland plants) and the creation of a 1.5 acre wetland to reduce erosion and improve water quality. An educational stand was installed to describe the wetland and streambank stabilization practices.

Project Location: Cook County

Subgrantee: Niles Park District
7877 Milwaukee Avenue
Niles, Illinois 60714

Project Reports and Other Informational Materials:

"TAM Golf Course Stream Bank Stabilization Project – Final Report." June 1999. Niles Park District.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,715 ft.	132	112	224
800	Urban Stormwater Wetland	1.5 ac.	?	?	?

97-7(319)SR

Title: Langendorf Pond Retrofit to Reduce Nonpoint Source Pollution

Purpose: This project involved stream restoration activities and modification of an existing 2.5 acre impoundment (Langendorf Pond) on Flint Creek (ILDTZS01) to reduce nonpoint source pollution and enhance aquatic habitat. The modifications included 1) dam removal to restore the pond to a 300 foot long meandering stream channel and a wetland area, 2) installation of biotechnical streambank stabilization techniques along 360 feet of Flint Creek, 3) removal of a petting zoo, 4) establishment of a buffer of native prairie vegetation around the riparian area, and 5) installation of a 360 foot long swale to filter parking lot runoff. An interpretive signage system and educational program was also implemented to educate the public about nonpoint source pollution and the ecological benefits of the project.

Project Location: Lake County

Subgrantee: Village of Barrington
Department of Public Works
206 South Hough Street
Barrington, Illinois 60010

Project Reports and Other Informational Materials:

"Langendorf Pond Retrofit to Reduce Nonpoint Source Pollution – A Project to retrofit an Onstream Impoundment in the Flint Creek Watershed." April 2000. Village of Barrington.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
500	Obstruction Removal	1 (no.)	?	?	?
009	Stream Channel Restoration	300 ft.	2	1	3
580	Streambank/Shoreline Protection	360 ft.	4	3	7
657	Wetland Restoration	2.06 ac.	?	?	?
472	Livestock Exclusion	0.5 ac.	?	?	?
835	Urban Filter Strip	360 ft.	?	?	?

97-8(319)ST

Title: National Monitoring Strategy on Lake Pittsfield

Purpose: This project continued the identification of sources of sediment and the efficiency of sediment control practices on the tributary watershed of Lake Pittsfield (ILRDP). This project was previously funded under Section 319 in federal fiscal years 1992, 1993, 1994, 1995, and 1996. The project was a cooperative Section 319/314 effort for lake restoration and water quality improvement.

Project Location: Pike County

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

97-9(319)ST

Title: Waukegan River National Monitoring Strategy (Phase 4)

Purpose: This project continued the utilization of the national monitoring program initiated under Section 319 in federal fiscal year 1994 to demonstrate the effectiveness of biotechnical stream stabilization techniques implemented on the Waukegan River (ILQ01). A videotape was also produced which documents the monitoring program and the conditions of the physical and biological enhancements achieved on the Waukegan River.

Project Location: Lake County

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

Project Reports and Other Informational Materials:

"Biological and Physical Monitoring of Waukegan River Restoration Efforts in Biotechnical Bank Protection and Pool/Riffle Creation - National Watershed Monitoring Project Annual Report." May 1999. Illinois State Water Survey.

97-10(319)ST

Title: Des Plaines Streambank Restoration Project

Purpose: This project stabilized approximately 4,000 feet of eroding streambanks along the Des Plaines River (ILG30) using bioengineering techniques to reduce erosion and improve water quality. Approximately 2,600 feet of streambank were stabilized through selective brush removal, weed control, and planting of native vegetation. Live stakes (450 feet) and live fascines (350 feet) were also installed. The slope was reconstructed on a 600 foot length of streambank. Because of the high potential for erosion, the fine-grained sands were removed from this site during reconstruction. An organic clay cover was placed over the site and covered with soil and an erosion control blanket. The area was seeded and live stakes and posts installed. However, the clay cover interfered with the flow of groundwater into and out of the bank. Hydrostatic pressure exceeded the material strength, causing the bank to fail and be washed away by the river. Since the failure, vegetation is being re-established and the 600 foot site is stabilizing. A catch basin, storm sewer, and rip rap outlet was also installed at a point of discharge of surface runoff into the river that was experiencing severe erosion. The project included an education/information component in which college students and local community residents were taught techniques for controlling nonpoint source pollution and stabilizing eroding streambanks. A videotape of the project was developed along with educational seminars and news releases.

Project Location: Cook County

Subgrantee: Oakton Community College
1600 East Golf Road
Des Plaines, Illinois 60016-1268

Project Reports and Other Informational Materials:

"DesPlaines Streambank Restoration Project – Final Report." October 31, 2000. Oakton Community College.

"Banking on Our Future." (13 min. videotape) October 31, 2000. Oakton Community College.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	4,000	95	80	160
945	Subsurface Drain (Catch Basin)	1 (no.)	?	?	?

97-11(319)SR

Title: Alternative Pavement Deicing Materials Brochure

Purpose: An educational/technical assistance brochure was developed on alternatives to and appropriate uses of pavement deicing materials. The brochure addressed adverse environmental effects, alternative deicing materials, alternatives to deicing (e.g., abrasives, plowing), application rates and conditions, costs of deicing, and environmental costs of deicing. The brochure was distributed to affected parties representing highway agencies, local governments, and owners of commercial land, and made available to members of the general public and interest groups.

Project Location: Statewide

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Reports and Other Informational Materials:

"Pavement Deicing – Minimizing the Environmental Impacts." Brochure. April 1998. Northeastern Illinois Planning Commission.

97-12(319)ME

Title: Jefferson County Outdoor Education Facility

Purpose: This project educated the citizens of Jefferson County about nonpoint source (NPS) pollution and the use of best management practices (BMPs) to control it. An existing outdoor educational facility was enhanced by using BMPs to promote the control of NPS pollution. A "Neighbor to Neighbor" program was implemented to strengthen the network of landowners who practice water quality protection and to promote the use of BMPs by others. Selected BMPs (i.e., filter strips, terraces, grassed waterways, ponds, streambank stabilization, etc.) were implemented through the "Neighbor to Neighbor" program to reduce NPS pollution in the Casey Fork (ILNJ07) watershed. Also, NPS pollution was reduced through the application of landscape waste and compost materials on oil brine damaged sites.

Project Location: Jefferson County

Subgrantee: Jefferson County Soil & Water Conservation District
109 Shiloh Drive
Mt. Vernon, Illinois 62864

Project Reports and Other Informational Materials:

"Jefferson County Outdoor Educational Facility – Final Report." May 2000. Jefferson County Soil & Water Conservation District.

Outdoor Educational Facility Self Guided Tour & Education Manual – Primary & Middle Grades." May 2000. Jefferson County Soil & Water Conservation District.

Outdoor Educational Facility Self Guided Tour & Education Manual – High School & Adult." May 2000. Jefferson County Soil & Water Conservation District.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
543	Land Reconstruction, Abandoned Mine Land	1.5 ac.	?	?	?

97-13(319)ST

Title: Glen Shoals Restoration Project

Purpose: The project included the stabilization of approximately 3,605 feet of eroding shoreline along Glen Shoals Lake (ILROL) using bioengineering techniques (A-jacks, willow posts, vegetation, etc.).

Project Location: Montgomery County

Subgrantee: Montgomery County Soil & Water Conservation District
1621 Vandalia Road
Hillsboro, Illinois 62049

Project Reports and Other Informational Materials:

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	3,605 ft.	208	177	354

97-14(319)ST

Title: Willoway Brook Streambank Stabilization Project

Purpose: This project reduced erosion and nonpoint source pollution through the stabilization of approximately 1,280 feet of eroding streambanks along Willoway Brook, a tributary of the East Branch DuPage River (ILBGL10), located on the Morton Arboretum property. Bioengineering techniques (i.e., lunkers, A-jacks, geogrid, minor stream re-grading, vegetative stabilization, fiber rolls) were used. Rock riffles were also installed in five locations. An educational program was implemented to present visitors with information on topics including water pollution control, best management practice implementation, and land use impacts on water resources.

Project Location: DuPage County
Subgrantee: The Morton Arboretum
4100 Illinois Route 53
Lisle, Illinois 60532-1293

Project Reports and Other Informational Materials:

"Willoway Brook Streambank Stabilization Project – Final Report." December 2001. Earth Tech.

BMP Implementation Summary:

			Estimated Load Reduction Sediment	Phosphorus	Nitrogen

BMP Code	BMP Name	Amount	(Tons/Yr.)	(Pounds/Yr.)	(Pounds/Yr.)
580	Streambank/Shoreline Protection	1,280 ft.	120	102	205
584	Stream Channel Stabilization	1,280 ft.	40	34	68

97-17(319)CD

Title: Four Lakes Village Streambank Stabilization Project

Purpose: This project stabilized 1,135 feet of eroding streambanks along a segment of the East Branch of the DuPage River (ILGBL10) using bioengineering techniques to reduce erosion and improve water quality. A combination of A-jacks and gabion baskets were used to stabilize the toe of the streambank where a majority of high velocity flows occur. Above the A-jacks and gabion baskets, the soil was back-filled, covered with an erosion control blanket and seeded with native vegetation.

Project Location: DuPage County

Subgrantee: The Conservation Foundation
10S 404 Knoch Knolls Road
Naperville, Illinois 60565

Project Reports and Other Informational Materials:

"Four Lakes Streambank Stabilization Project." May 8, 2000. The Conservation Foundation.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,135 ft.	125	106	212

97-18(319)JC

Title: Stream Classification & Fish Sampling Protocols

Purpose: This project developed a system to delineate segments of Illinois streams and classify each segment into one of several possible categories or types developed guidelines for effectively sampling fish communities in Illinois streams, using electrofishing gear.

Project Location: Statewide
Subgrantee: Illinois History Survey
Center of Aquatic Ecology
607 E. Peabody Drive
Champaign, Illinois 61820

97-20(319)GG

Title: Initial Site Evaluation (ISE) Procedure for Wetland Creation or Restoration

Purpose: This project involved the development of an Initial Site Evaluation (ISE) Procedure that can be used to evaluate the suitability of a site for wetland creation or restoration. The Report describes a rapid, transferable, standardized, and cost-

effective procedure for evaluating a site's hydrogeologic potential for supporting a healthy wetland system. The Report identifies the hydrogeologic features along with the associated ranking or appraisal criteria and guidelines that should be used to assess a site's potential for successful wetland creation or restoration. The report contains guidance that will assist other users of the procedure, although it is expected that each user will differ in experience and may not be able to perform all aspects of the procedure.

Project Location: Statewide

Subgrantee: Illinois State Geological Survey
615 East Peabody Drive
Champaign, Illinois 61820

Project Reports and Other Informational Materials:

"A Hydrogeologic Procedure for Evaluating Wetland Restoration and Creation Sites." February 20, 2003. Illinois State Geological Survey.

97-21(319)ST

Title: Conservation Reserve Enhancement Program (CREP) Assistance

Purpose: The Association of Illinois Soil & Water Conservation District (AISWCD) helped counties facilitate the enrollment process of the Conservation reserve Enhancement Program (CREP) by setting appointments with producers to discuss CREP and conduct field visits to determine program eligibility. The county SWCDs completed the Conservation Reserve Program - 2 form, type the Conservation Plan of Operations, obtain the necessary producer signatures on required documents, and complete all state CREP enrollment forms. The county SWCDs coordinated activities associated with land surveys, producer signatures on easements, and recording easements with the local abstract office. Field assistance was provided to the survey and design teams as well as construction assistance by evaluating the construction expenses and completing form AD-862.

Project Location: Counties of Bureau, Christian, Fulton, Knox, Marshall, Menard, Montgomery, Putnam, Sangamon, & Shelby

Subgrantee: Association of Illinois Soil & Water Conservation Districts
2520 Main Street
Springfield, Illinois 62702

97-22(319)JC

FFY 1998 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Cache River Watershed No Till Project

Purpose: This project was aimed at limited resource farmers operating small farms within the Cache River (ILIX04) watershed. The objective of increasing no till crop production

by these hard to reach operators by 4,000 acres annually was accomplished by placing a no till drill in the Johnson, Pulaski-Alexander, and Union soil and water conservation districts. Education and technical assistance was provided through a Conservation Tillage Specialist employed via contract with the Shawnee RC & D.

Project Location: Johnson, Pulaski-Alexander, and Union Counties

Subgrantee: Shawnee Resource Conservation & Development Area
R.R. 6, Box 255, 1305 N. Carbon
Marion, Illinois 62959

Project Reports and Other Informational Materials:

"Cache River Watershed No Till Project – Final Report." April 4, 2000. Shawnee Resource Conservation & Development Area.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
329	Conservation Tillage	4,435.1 ac.	55,382	?	?

98-1(319)JC

Title: Phase 2 Implementation of Flint Creek Watershed Management Plan

Purpose: The purpose of this project was to continue the implementation of the Flint Creek Watershed Management Plan and demonstrate measures to address the nonpoint source pollution impacts of urban runoff and streambank erosion. Seven riffles were installed and approximately 2,400 feet of Flint Creek (ILDTZS01) were stabilized through a residential section of Barrington. An existing dry bottom detention basin was retrofitted to create a wetland detention basin in Lake Zurich to capture urban runoff pollutants and attenuate flow rates to Flint Creek. Approximately 800 feet of Flint Creek were stabilized along a reach of stream adjacent to Citizens for Conservation property.

Project Location: Lake County

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Reports and Other Informational Materials:

"Flint Creek Watershed Restoration Projects – Final Report ." April 2000. Northeastern Illinois Planning Commission.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	3,200 ft.	108	108	216
800	Urban Stormwater Wetland	1 (no.)	?	6	22

98-2(319)SR

Title: Waukegan River Wetland Restoration Project

Purpose: This project restored a 1/2 acre wetland adjacent to the Waukegan River (ILQ01) in Washington Park to reestablish the natural function and reduce nonpoint source pollution impacts. The project also included the stabilization of 300 feet of eroding streambank on the Waukegan River using bioengineering techniques. An interpretive observation station was constructed overlooking the site to present information about the project and nonpoint source pollution.

Project Location: Lake County

Subgrantee: Waukegan Park District
2000 Belvidere Street
Waukegan, Illinois 60085

Project Reports and Other Informational Materials:

"Waukegan River Wetland Restoration – Final Report." December 2000. Waukegan Park District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
657	Wetland Restoration	0.5 ac.	?	?	2
580	Streambank/Shoreline Protection	300 ft.	32	32	64

98-3(319)ST

Title: Mitchell Park Ravine Watershed Project

Purpose: The project focused on soil erosion control and water quality in an urban watershed tributary to the Mississippi River and determined to be high priority by the East Moline Stormwater Committee. Proven soil erosion and sediment control and stormwater management approaches planned in consultation with the NRCS were utilized. Practices included grade stabilization structures, streambank stabilization, stormwater detention basins, critical area treatment, and permanent vegetative cover.

Project Location: Rock Island County

Subgrantee: City of East Moline
912 16th Avenue
East Moline, Illinois 61244

Project Reports and Other Informational Materials:

"Mitchell Park Ravine Watershed Project – Final Report." July 2001. Landmark Engineering Group, Inc.

BMP Implementation Summary:

	Estimated Load Reduction	
Sediment	Phosphorus	Nitrogen

BMP Code	BMP Name	Amount	(Tons/Yr.)	(Pounds/Yr.)	(Pounds/Yr.)
410	Grade Stabilization	2 (no.)	?	?	?
350	Sediment Basin	3 (no.)	?	?	?
910	Rock Outlet Protection	2 (no.)	?	?	?
840	Grassed Lined Channel	? ft.	?	?	?
580	Streambank/Shoreline Protection	? ft.	?	?	?

98-5(319)ST

Title: Ground Water Protection through Pollution Prevention

Purpose: The purpose of this project was to impact water quality as it relates to ground water resources in rural areas in the most positive way by implementing viable prevention programs on the local level. The scope of this project was integrated with ongoing activities related to the Illinois Department of Agriculture's (IDOA) Ground Water Protection Program, Illinois FarmAsyst support mechanisms, as well as other related water quality efforts.

Project Location: Statewide

Subgrantee: Illinois Department of Agriculture
Post Office Box 19281
Springfield, Illinois 62794-9281

98-6(319)JC

Title: Reducing Herbicides with GPS Application

Purpose: Global Positioning System (GPS) equipment was mounted on an ordinary field sprayer and used to apply herbicides to cropland at four (4) field demonstrations over a two year period. The project was conducted in the Little Cache River (ILADDB01) watershed. This was done to demonstrate how GPS can reduce the amount of herbicide and still get acceptable crop production results. Field days were held at the demonstration area and special edition newsletters were distributed to promote and highlight this project.

Project Location: Johnson County

Subgrantee: Johnson County Soil & Water Conservation District
807 North 1st Street
Vienna, Illinois 62995

Project Reports and Other Informational Materials:

"Reducing Herbicides with GPS Applications – Final Report." May 1, 2000. Johnson County Soil & Water Conservation District.

98-7(319)ST

Title: Shelby Creek Restoration and Watershed Management Project

Purpose: This project improved the water quality of Shelby Creek (ILDG01) through the implementation of conservation practices on upland cropland and destabilized streambanks. Implementation of best management practices included 1,700 feet of terraces and diversions, 104 water and sediment control basins (19,095 feet), 1.5 acres of grassed waterways, 3.8 acres of critical area seedings, and 225 feet of streambank stabilization with willow posts. The project also provided education to the watershed community through news releases, newsletters, and tours.

Project Location: Brown County

Subgrantee: Brown County Soil & water Conservation District
Rural Route #4
Mt. Sterling, Illinois 62353

Project Reports and Other Informational Materials:

"Shelby Creek Restoration & Watershed Management Project – Final Report." July 7, 2000. Brown County Soil & Water Conservation District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
600	Terrace	1,700 ft.	216	?	?
638	Water & Sediment Control Basin	104 (no.)	2,337	?	?
342	Critical Area Planting	3.8 ac.	?	?	?
580	Streambank/Shoreline Protection	225 ft.	162	?	?

98-8(319)JC

Title: Model Watershed for Water Quality

Purpose: This project provided a hands-on opportunity for the public to learn about watershed management by viewing best management practices (BMPs) in a defined watershed. In addition to the BMPs, information on signs and handout materials are available that will foster educated decisions regarding individual actions that will help improve water quality. Complete with a flowing stream, a wetland and a lake, a new exhibit was constructed on the grounds of the Illinois State Fair in 2001. Visitors can stroll through a 13-station miniature "watershed". Approximately one acre in size, the watershed park is located not far inside the Fair's main gates, behind and below the Department of Agriculture headquarters. Its stream, wetland and lake are all designed to provide fun and relaxation along with information about different land uses and environments in Illinois. A mix of static, hands-on and electronic displays was offered. Illustrating such diverse topics as urban stormwater runoff, geology, mined land and beneficial bugs, Watershed Park offers fair visitors benches, drinking water and a water drop mascot named "Splash." Recognizing the Fair's historic role as an agriculture exposition, there were stations illustrating farm and home safety, Illinois soil types, soil conservation and pasture management. Additional information about Watershed Park can be found at the Department of Agriculture's website at www.agr.state.il.us/watershedpark.html

Project Location: Sangamon County

Subgrantee: Illinois Department of Agriculture

State Fairgrounds, P.O. Box 19281
Springfield, Illinois 62794-9281

Project Reports and Other Informational Materials:

"Model Watershed for Water Quality – Final Report." January 31, 2002. Illinois Department of Agriculture.

"Watershed Park. Where all of us make a difference!" (brochure) August 2001. Illinois Department of Agriculture.

98-9(319)CD

Title: Old Tavern Park Shoreline Stabilization Project

Purpose: The purpose of this project was to stabilize 1,250 linear feet of shoreline and create approximately 9,000 square feet of buffer zone in and around the retention basin located within Old Tavern Park. Shoreline stabilization was accomplished by using bioengineering techniques and the buffer zone will consist of a "no mow" grass mix and a low growing wet prairie mix. The project was located in the East Branch of the DuPage River (ILGBL10).

Project Location: DuPage County

Subgrantee: Lisle Park District
1825 Short Street
Lisle, Illinois 60532

Project Reports and Other Informational Materials:

"Old Tavern Park Shoreline Stabilization Project – Final Report." April 25, 2000. Lisle Park District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank /Shoreline Protection	1,250	6	5	11

98-10(319)ST

Title: Streambank Restoration on the West Branch, DuPage River

Purpose: This project stabilized eroding streambanks along two (2) sites on the West Branch, DuPage River(ILGBK05) (610 feet), along three (3) sites on the East Branch, DuPage River (ILGBL10) (1,315 feet), and along one (1) site on Keeneyville Ditch, a direct tributary to Mallard Lake (ILWGX) (1,140 feet). The Project utilized bioengineering techniques (A-jacks, lunkers, brush clearing, re-grading, and native vegetation) to stabilize the streambank and enhance water quality, improve riparian corridor and restore wildlife habitat. The proposal also included a significant educational component geared towards the general public, stream users, streamside landowners, municipalities, and local schools.

Project Location: DuPage County

Subgrantee: The Conservation Foundation
10 S 404 Knoch Knolls Road
Naperville, Illinois 60565

Project Reports and Other Informational Materials:

"Streambank Restoration on West Branch DuPage River - DuPage County, IL. – Final Report." April 12, 2000. The Conservation Foundation.

"Streanbank Stabilization: Soft Solutions Produce Hard Results." (11 min. videotape) April 2000. The Conservation Foundation.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	3,065 ft.	81	70	137

98-11(319)CD

Title: Greater Eliza Watershed Project

Purpose: The purpose of this project was to protect and improve the water quality of the Eliza Creek (ILMWD01) watershed by reducing nonpoint source pollutants. The project provided cost-share assistance to watershed landowners to implement a variety of upland and floodplain best management practices (i.e., sediment basins, ponds, terraces, waterways, grade stabilization structures, water and sediment control basins, vegetative filter strips). An educational program was also implemented to educate the public about the importance of streambank stabilization and nonpoint source pollution.

Project Location: Mercer County

Subgrantee: Mercer County Soil & Water Conservation District
308 Southeast 8th Avenue
Aledo, Illinois 61231

Project Reports and Other Informational Materials:

"Greater Eliza Watershed Project – Final Report." August 1, 2001. Mercer County Soil & Water Conservation District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
350	Sediment Basin	1 (no.)	2,159	?	?
378	Pond	3 (no.)	597	?	?
393	Filter Strip	1.5 ac.	73.5	?	?
410	Grade Stabilization Structure	3 (no.)	567.4	?	?
412	Grassed Waterway	243.4 ac	777	?	?
600	Terrace	732.4 ft.	7,550	?	?
638	Water & Sediment Control Basin	11 (no.)	4,835	?	?

98-12(319)JC

Title: Mackinaw River Project (Phase 2)

Purpose: This project continued to build widespread community and individual support for the adoption of best management practices consistent with the consensus derived statement of objectives and strategies of the Mackinaw River Watershed Management Plan. The project focuses on education/outreach and the placement of highly visible best management practices at locations throughout the watershed. The project implemented four wetland restoration projects (20 acres); two sediment retention basins (5 acres); two streambank stabilization projects (1,100 feet) using re-grading, willows, and native vegetation; and woodland management (1.5 acres).

Project Location: Mason, Tazewell, Woodford, McLean, & Ford Counties

Subgrantee: The Nature Conservancy
1201 South Main Street
Eureka, Illinois 61530

Project Reports and Other Informational Materials:

"Mackinaw River Project – Phase 2 – Final Report." September 30, 2001. The Nature Conservancy.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
350	Sediment Basin	2 (no.)	?	?	?
580	Streambank/Shoreline Protection	1,100 ft.	?	?	?
657	Wetland Restoration	20 ac.	?	?	?
666	Woodland Improvement	1.5 ac.	?	?	?

98-13(319)CD

Title: Waukegan River National Monitoring Program (Phase 5)

Purpose: This project continued the utilization of the national monitoring program initiated under Section 319 in federal fiscal year 1994 to demonstrate the effectiveness of biotechnical stream stabilization techniques implemented on the Waukegan River (ILQ01). A videotape was also produced which documents the monitoring program and the conditions of the physical and biological enhancements achieved on the Waukegan River.

Project Location: Lake County

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

Project Reports and Other Informational Materials:

"Biological & Physical Monitoring of Waukegan River Restoration Efforts in Biotechnical Bank Protection & Pool/Riffle Creation – National Watershed Monitoring Project." May 2000. Illinois State Water Survey.

98-14(319)ST

Title: Pittsfield National Monitoring Program

Purpose: This project continued the identification of sources of sediment and the efficiency of sediment control practices on the tributary watershed of Lake Pittsfield (ILRDP). This project was previously funded under Section 319 in federal fiscal years 1992, 1993, 1994, 1995, 1996, and 1997.

Project Location: Pike County

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

Project Reports and Other Informational Materials:

"Evaluation of Sediment Delivery to Lake Pittsfield after Best Management Practice Implementation – National Monitoring Project. September 1999. Illinois State Water Survey.

98-15(319)ST

Title: Chicagoland Environmental Network

Purpose: The Chicagoland Environmental Network facilitated the exchange of information and resources concerning nonpoint source pollution, water quality, and other related environmental issues. The public was provided access to information and volunteer opportunities through a computer database of environmental organizations and agencies involved in habitat restoration, wetlands, prairies, watershed projects, urban gardening, revitalization programs, energy conservation, and recycling.

Project Location: Cook County

Subgrantee: Chicago Zoological Society
3300 South Golf Road
Brookfield, Illinois 60513

98-16(319)BL

Title: Northeastern Illinois Community Assistance Office

Purpose: This project provided training to Natural Resource Conservation Service regional staff on water quality regulations and technical issues. Furthermore, the project encouraged the provision of nonpoint source pollution control related technical assistance to appropriate local agencies and organizations in northeastern Illinois. The Natural Resources Conservation Service's Northeastern Illinois Community Assistance Office was established to serve the six county northeastern Illinois area. This office provided technical assistance to soil and water conservation districts, planning commissions, county departments, townships and municipalities in northeastern Illinois. In addition to direct technical assistance, the staff of this office provided information/education and training assistance. The major focus of the office was on erosion/sediment control, water quality, and natural resource management.

Project Location: Counties of Lake, McHenry, Kane, DuPage, Cook, and Will

Subgrantee: USDA Natural Resource Conservation Service
603 East Diehl Road, Suite 131
Naperville, Illinois 60563-7808

98-17(319)SR

Title: Water Quality Enhancement Training

Purpose: A USDA – Natural Resources Conservation Service (NRCS) detailed a soil conservationist to the Illinois EPA's Bureau of Water to assist the Illinois EPA in implementing Illinois' Nonpoint Source Management Program. This NRCS employee 1) facilitated the integration of NRCS programs such as EQIP with the Illinois EPA's watershed management planning program; 2) provided technical support in the development of program cross-training modules for staff of the Illinois EPA, NRCS, soil and water conservation districts, and the Illinois Farm Bureau; 3) provided updates on activities associated with the NRCS Watershed Science Institute, Water Science and Technology Team, Wetland Science Institute, and other special groups of the NRCS having activities impacting water quality and watershed planning; 4) assisted in Illinois EPA efforts to further promote the state water quality focus group under the guidance of the Natural Resources Coordinating Council and Watershed Management Committee; 5) trained Illinois EPA, NRCS, SWCDs, and the Illinois Farm Bureau in the use of NRCS Resource Planning Guidebook and updates; 6) incorporated use of the NRCS's nine steps of planning for watershed planning; etc.

Project Location: Statewide

Subgrantee: USDA – Natural Resources Conservation Service
1902 Fox Drive
Champaign, Illinois 61820

98-18(319)SR

Title: Jacksonville Branch Restoration Project – Phase 1

Purpose: This project installed best management practices (BMPs) along 1,960 feet of bank on Jacksonville Branch, a tributary to Jacksonville Branch, and a side channel reservoir (Lower Lagoon) of Jacksonville Branch (ILEL01) located at Washington Park in Springfield, Illinois. The BMPs were designed to arrest streambank and shoreline erosion and reduce nonpoint source pollution while enhancing aquatic habitat and aesthetics. The project included an educational component to inform residents and local government representatives about the project and nonpoint source pollution through a public meeting and signs.

Project Location: Sangamon County

Subgrantee: Springfield Park District
2500 South 11th Street
Springfield, Illinois 62703

Project Reports and Other Informational Materials:

"Washington Park Lower Lagoon Streambank Stabilization – Final Report." October 2004. Springfield Park District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,960 ft.	85	72	144
910	Rock Outlet Protection	1 (no.)	?	?	?

98-20(319)ST

Title: Lake Pittsfield Shoreline Restoration Project

Purpose: This project stabilized approximately 2,100 feet of eroding shoreline along Lake Pittsfield (ILRDP) and established, where possible, a buffer of native vegetation along this segment of shoreline to reduce erosion, filter runoff, and enhance aquatic habitat.

Project Location: Pike County

Subgrantee: City of Pittsfield
215 North Monroe Street
Pittsfield, Illinois 62363

Project Reports and Other Informational Materials:

"Lake Pittsfield Shoreline Restoration Project – Final Report." May 2004. Benton & Associates, Inc.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	2,100 ft.	35	29	59

98-21(319)ST

Title: Willoway Brook Streambank Stabilization Project – Phase 2

Purpose: This project stabilized approximately 1,050 feet of eroding streambank along Willoway Brook located in the Morton Arboretum. The streambank was stabilized using bioengineering techniques to reduce erosion and improve water quality. Willoway Brook is a tributary of the East Branch DuPage River (ILGBL10). The project included reshaping the streambank, erosion control blankets, native forbs and woody plants, vegetated geogrids, and fifteen rock riffles.

Project Location: DuPage County

Subgrantee: The Morton Arboretum
4100 Illinois Route 53
Lisle, Illinois 60532-1293

Project Reports and Other Informational Materials:

"Willoway Brook Streambank Stabilization Project – Phase 2." November 2, 2004. Landscape Resources, Inc.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
584	Stream Channel Stabilization	1,050 ft.	59	50	101

98-22(319)CD

FFY 1999 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Palzo Surface Mine Project

Purpose: This project addressed surface mine drainage entering Sugar Creek (ILATHG01) from the abandoned portion of the Palzo Mine site. Sugar Creek is a tributary to the Saline River. The Palzo Surface Mine site has severely impacted water quality by perennially draining water of unacceptably high pH, acidity, total iron, and total manganese into the creek. The Illinois Abandoned Mine Lands Reclamation Division designed, constructed and supervised the construction and implementation of structures and techniques to remediate both surface and groundwater nonpoint source drainage into receiving waters. The project reclaimed 60 acres by grading spoil ridges to encourage surface runoff and constructing a reduced-permeability

cap to further reduce infiltration, thereby reducing acid groundwater volumes and acid mine seepage. Use of an alkaline material for construction of the cap also provided some treatment to any rainfall that did infiltrate the area.

Project Location: Williamson County

Subgrantee: IDNR – Abandoned Mine Lands Reclamation Division
1907 A Industrial Park Drive
Marion, Illinois 62959

Project Reports and Other Informational Materials:

"Palzo Surface Mine Reclamation Project." October 28, 2003. Illinois Department of Natural Resources.

99-2/1(319)JC

Title: Indian Lake Festival (Dragonfly Marsh Opening)

Purpose: In cooperation with the Illinois EPA, the Brookfield Zoo held a celebration on August 14, 1999 for the official opening of the Dragonfly marsh" exhibit, developed with Section 319 funds under fiscal years 1995 and 1996. The celebration was designed to 1) announce the opening of the Dragonfly Marsh" exhibit, 2) recognize the participants in the exhibit's creation, 3) explain the exhibit's purpose and the importance of nonpoint source pollution control and wetland protection, 4) encourage continued educational activities, and 5) promote cooperation among public and private groups for enhance environmental awareness programs. Attendance at the celebration was by invitation only for selected representatives of environmental organizations, educational institutions, businesses, and governmental agencies.

Project Location: Cook County

Subgrantee: Chicago Zoological Society
Brookfield Zoo
3300 Golf Road
Brookfield, Illinois 60513

Project Reports and Other Informational Materials:

"Salt Creek Wilderness, Indian Lake, Dragonfly Marsh Opening – Final Report." March 2000. Brookfield Zoo.

99-2(319)SK

Title: Explore! A Child's Nature

Purpose: The Brookfield Zoo designed the "Explore! A Child's Nature" exhibit to present key concepts and interactive experiences which will highlight man's relationships with animals and nature; examine the ecological, economic, and philosophical connections between people and nature. Information on nonpoint source pollution and related water quality issues was incorporated into the exhibit. The exhibit

communicates the impacts of nonpoint source pollution, the importance of water quality protection, and what can be done to minimize nonpoint source pollution and protect water quality.

Project Location: Cook County

Subgrantee: Chicago Zoological Society
Brookfield Zoo
3300 South Golf Road
Brookfield, Illinois 60513

99-3(319)JW

Title: Conservation Reserve Enhancement Program (CREP) Assistance

Purpose: The Cass County Soil & Water Conservation District SWCD) facilitated the enrollment process of the Conservation reserve Enhancement Program (CREP) by setting appointments with producers to discuss CREP and conduct field visits to determine program eligibility. The Cass County SWCD completed the Conservation Reserve Program - 2 form, type the Conservation Plan of Operations, obtain the necessary producer signatures on required documents, and complete all state CREP enrollment forms. The Cass County SWCD coordinated activities associated with land surveys, producer signatures on easements, and recording easements with the local abstract office. Field assistance was provided to the survey and design teams as well as construction assistance by evaluating the construction expenses and completing form AD-862.

Project Location: Counties of Cass & Schuyler

Subgrantee: Cass County SWCD
652 South Main Street
Virginia, Illinois 62691

99-4(319)JC

Title: Chicagoland Environmental Network

Purpose: The Chicagoland Environmental Network facilitated the exchange of information and resources concerning nonpoint source pollution, water quality, and other related environmental issues. The public was provided access to information and volunteer opportunities through a computer database of environmental organizations and agencies involved in habitat restoration, wetlands, prairies, watershed projects, urban gardening, revitalization programs, energy conservation, and recycling.

Project Location: Cook County

Subgrantee: Chicago Zoological Society
3300 South Golf Road
Brookfield, Illinois 60513

99-5(319)BL

Title: North Branch Chicago River Watershed Project – Phase 2

Purpose: Project partners implemented a variety of BMPs within the watershed. The types of BMPs were identified in the North Branch Chicago River (ILHCC08) Watershed management plan. In addition, the project partners continued to implement an outreach program for adults and children focusing on nonpoint source pollution control and water quality. The applicant investigated and documented the need for changes to local administrative policy, procedure and regulations to meet the plan's goals and objectives.

Project Location: Counties of Cook and Lake

Subgrantee: Friends of the Chicago River
407 S. Dearborn Street, Suite 1580
Chicago, Illinois 60605

Project Reports and Other Informational Materials:

"North Branch Chicago River Project – Final Report." December 15, 2003. Friends of the Chicago River.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
010	Oil & Grit Separator	4 (no.)	?	?	2
580	Streambank /Shoreline Protection	13,050 ft.	1,751	1,738	3,472
581	Ditch Stabilization	350 ft.	11,752	6	20
584	Stream Channel Protection	3,170 ft.	286	286	752
657	Wetland Restoration	157 ac.	?	2	2
800	Urban Stormwater Wetland	1 (no.)	?	3	8
835	Urban Filter Strip	?	?	?	?
840	Grassed Line Channel	?	?	?	?
910	Rock Outlet Protection	1 (no.)	?	?	?

99-6(319)CD

Title: East Branch DuPage River WRAS Implementation – Phase 1

Purpose: Best management practices (BMPs) were installed in the East Branch DuPage River (ILGBL10) watershed to reduce nonpoint source (NPS) pollution. An existing storm sewer was "day lighted" and the flow redirected through a constructed wetland (0.69 ac.) before discharging to the East Branch. Both banks of a concrete lined channel were removed along a 1,400-foot segment of the East Branch DuPage River and a more natural stream channel restored as another urban runoff BMP. An existing detention pond was converted into a 1.65-acre stormwater wetland for enhanced pollutant removal. NPS pollution was reduced on Lacy Creek through approximately 6,902 ft. of bioengineering streambank stabilization, a 25-foot wide riparian buffer, and the retrofit of an in-stream pond to restore a 1.15-acre wetland system. Bioengineering techniques were applied to stabilize approximately 2,845 ft. and 1,325 ft. of streambank on Willow Way Brook and St. Joseph's Cr., respectively, both direct tributaries of the East Branch. The project also included an education program. The East Branch DuPage River is a Category 1 watershed in the Unified

Watershed Assessment. The TMDL and implementation plan for the East Branch DuPage River are complete.

Project Location: DuPage County

Subgrantee: The Conservation Foundation
10 S 404 Knoch Knolls Road
Naperville, Illinois 60565

Project Reports and Other Informational Materials:

"East Branch DuPage River Watershed Restoration Action Strategy Implementation – Final Report." May 2003. The Conservation Foundation.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
009	Stream Channel Restoration	2,800 ft.	?	?	?
580	Streambank /Shoreline Protection	11,072 ft.	571	532	1,064
657	Wetland Restoration	1.84 ac.	?	14	48
800	Urban Stormwater Wetland	1 (no.)	?	337	1,158
835	Urban Filter Strip	?	?	?	?
870	Level Spreader	1 (no.)	?	?	?

99-8(319)SR

Title: Macoupin Creek WRAS Development

Purpose: The Illinois EPA assisted local stakeholders with the development of a Watershed Restoration Action Strategy (WRAS) for the Macoupin Creek (ILDA04) watershed, which is a Category 1 watershed identified in the Unified Watershed Assessment. The WRAS is consistent with the Illinois EPA's draft "Guidance for Developing Watershed Implementation Plans." The WRAS identifies all of the resources, identifies the sources and causes of pollution, and specifies the recommended best management practices for restoration and protection of the watershed.

Project Location: Macoupin County

Subgrantee: Macoupin County Soil & Water Conservation District
300 Carlinville Plaza
Carlinville, Illinois 62626

Project Reports and Other Informational Materials:

"Upper Macoupin Creek Watershed Restoration Action Strategy." May 1, 2003. Macoupin County Soil & Water Conservation District.

99-9(319)GE

Title: Little Vermilion River WRAS Development

Purpose: The Illinois EPA assisted local stakeholders with the development of a Watershed Restoration Action Strategy (WRAS) for the Little Vermilion River (ILDR01)

watershed, which is a Category 1 watershed identified in the Unified Watershed Assessment. The WRAS is consistent with the Illinois EPA's draft "Guidance for Developing Watershed Implementation Plans." The WRAS identifies all of the resources, identifies the sources and causes of pollution, and specifies the recommended best management practices for restoration and protection of the watershed.

Project Location: LaSalle County

Subgrantee: LaSalle County Soil & Water Conservation District
1691 North 31st Road
Ottawa, Illinois 61350

Project Reports and Other Informational Materials:

"A Watershed Restoration Action Strategy for the Little Vermilion River Watershed, LaSalle County, Illinois." 2003. LaSalle County Soil & Water Conservation District.

99-10(319)GE

Title: Total Maximum Daily Load & Implementation Plan Development

Purpose: This project developed Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within two (2) specific watersheds (East Fork, Kaskaskia (ILOK01); Rayse Creek (ILNK01)) on the 303(d) list through the computer modeling. The two watersheds were also Category 1 watersheds in the Unified Watershed Assessment. For each watershed, computer models were used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development were documented. Modeling results were used to support the development of implementation plans for TMDL attainment.

Project Location: Counties of Clinton, Marion, Fayette, and Jefferson

Subgrantee: Harza Engineering Company
233 South Wacker Drive
Chicago, Illinois 60606-6392

Project Reports and Other Informational Materials:

"Rayse Creek (ILNK01) TMDL and Implementation Plan." September 2003. MWH.

"East Fork, Kaskaskia River (ILOK01) TMDL and Implementation Plan." August 2003. MWH.

99-11(319)GE

Title: Conservation Reserve Enhancement Program (CREP) Assistance

Purpose: The McDonough County Soil & Water Conservation District SWCD) facilitated the enrollment process of the Conservation reserve Enhancement Program (CREP) by setting appointments with producers to discuss CREP and conducting field visits to determine program eligibility. The McDonough County SWCD completed the

Conservation Reserve Program - 2 form, type the Conservation Plan of Operations, obtained the necessary producer signatures on required documents, and completed all state CREP enrollment forms. The McDonough County SWCD coordinated activities associated with land surveys, producer signatures on easements, and recording easements with the local abstract office. Field assistance was provided to the survey and design teams as well as construction assistance by evaluating the construction expenses and completing form AD-862.

Project Location: Counties of McDonough and Hancock

Subgrantee: McDonough County SWCD
1607 West Jackson Street
Macomb, Illinois 61455

99-13(319)JW

Title: Conservation Reserve Enhancement Program (CREP) Assistance

Purpose: The Peoria County Soil & Water Conservation District SWCD) facilitated the enrollment process of the Conservation reserve Enhancement Program (CREP) by setting appointments with producers to discuss CREP and conducted field visits to determine program eligibility. The Peoria County SWCD completed the Conservation Reserve Program - 2 form, type the Conservation Plan of Operations, obtained the necessary producer signatures on required documents, and completed all state CREP enrollment forms. The Peoria County SWCD coordinated activities associated with land surveys, producer signatures on easements, and recording easements with the local abstract office. Field assistance was provided to the survey and design teams as well as construction assistance by evaluating the construction expenses and completing form AD-862.

Project Location: Counties of Peoria and Tazewell

Subgrantee: Peoria County SWCD
2412 West Nebraska Avenue
Peoria, Illinois 61604

99-14(319)JW

Title: Watershed Management Coordination

Purpose: The Northeastern Illinois Planning Commission (NIPC) provided coordination and technical assistance to entities (local governments, soil and water conservation districts, planning committees, businesses, volunteer organizations, etc.) undertaking comprehensive watershed management initiatives in northeastern Illinois. NIPC assisted these entities with the development of Watershed Restoration Action Strategies (WRASs) and Watershed Implementation Plans (WIPs), as defined by the Illinois EPA. Priority was given to those watersheds that contain nonpoint source pollution control projects funded by the Illinois EPA, and those within Clean Water Act 303(d) listed waters and/or the Unified Watershed Assessment and Watershed Restoration Priorities for Illinois as identified by the Illinois EPA. NIPC assisted these entities in the compilation and evaluation of resource inventory data, formulation of water quality objectives, selection and

implementation of nonpoint source pollution control practices, dissemination of information/education materials for water quality protection, and evaluating program success.

Project Location: Counties of Lake, McHenry, Kane, Cook, DuPage, & Will

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

99-15(319)SR

Title: GIS Programming for BMP Location

Purpose: The Illinois EPA developed a strategy to establish a geographic information system (GIS) interface with the Illinois EPA's Projects 2000 database and perform specific queries of the Projects 2000 database. The Projects 2000 database contains the location and other information of best management practices (BMPs) implemented by the Illinois EPA with funding under Section 319 of the Clean Water Act. Programs were developed to allow Illinois EPA to query and map information contained in the Projects 2000 database. The maps identify the type and location of BMPs implemented in selected watersheds along with political subdivisions, surface waters, roads, railways, and other appropriate physical and institutional features.

Project Location: Statewide

Subgrantee: Not Applicable

99-16(319)CD

Title: Mackinaw River Watershed Project – Woodford County

Purpose: This project supplemented Phase 1 and Phase 2 of the Mackinaw River Watershed Project. The project focused on the implementation of a cost-share program to assist landowners in the installation of sediment and stormwater retention and streambank stabilization best management practices (BMPs) in the Woodford County portion of the Mackinaw River (ILDK13) watershed. All work was implemented in accordance with the Mackinaw River Watershed Management Plan and the three subwatershed plans as approved by the Illinois EPA. BMPs implemented under this project included twelve ponds (15.2 ac.), one block chute, three grassed waterways (4.3 ac.), 1,175 feet of streambank stabilization, seven riffles to stabilize 635 feet of streambed, and two water and sediment control basins (1,100 ft.).

Project Location: Woodford County

Subgrantee: Woodford County Soil & Water Conservation District
937 West Center Street
Eureka, Illinois 61530

Project Reports and Other Informational Materials:

"Mackinaw River Project – Woodford County - Final Report." December, 2003. Woodford County Soil & Water Conservation District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
378	Pond	12 (no.)	404	96	194
410	Grade Stabilization Structure	1 (no.)	14	14	28
412	Grassed Waterway	4.3 ac	105	105	210
580	Streambank/Shoreline Protection	1,175 ft.	419	119	237
584	Stream Channel Stabilization	635 ft.	?	?	?
638	Water & Sediment Control Basin	2 (no.)	21	21	42

99-17(319)CD

Title: Mackinaw River Watershed Project – Tazewell County

Purpose: This project supplemented Phase 1 and Phase 2 of the Mackinaw River (ILDK13) Watershed Project. The project was focused on the implementation of a cost-share program to assist landowners in the installation of streambank stabilization best management practices (BMPs) in the Tazewell County portion of the Mackinaw River watershed. All work to be implemented was in accordance with the Mackinaw River Watershed Management Plan and the three subwatershed plans as approved by the Illinois EPA.

Project Location: Tazewell County

Subgrantee: Tazewell County Soil & Water Conservation District
2934 Court Street
Pekin, Illinois 61554

Project Reports and Other Informational Materials:

"Final Report for Mackinaw River Project – Tazewell County." July 2004. Tazewell County Soil & Water Conservation District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	2,391 ft.	2,059	4,118	5,810
584	Stream Channel Stabilization	313 ft.	266	532	2,400

99-18(319)CD

Title: Mackinaw River Watershed Project – NRCS Technical Support

Purpose: The Natural Resources Conservation Service provided technical assistance to the Woodford and Tazewell County Soil and Water Conservation Districts for the implementation of best management practices (BMPs) in the Mackinaw River (ILDK13) watershed. Technical assistance included survey, design, permitting and final construction checks. This project supplemented Phase 1 and Phase 2 of the

Mackinaw River Watershed Project. All work implemented was in accordance with the Mackinaw River Watershed Management Plan and the three subwatershed plans as approved by the Illinois EPA.

Project Location: Counties of Tazewell and Woodford

Subgrantee: USDA – NRCS
1902 Fox Drive
Champaign, Illinois 61820

99-19(319)CD

Title: Village of Royal Lakes – Shad Lake Restoration Project

Purpose: The Village of Royal Lakes continued work with the Natural Resources Conservation Service (NRCS) and the Illinois EPA to stabilize eroding lake shoreline and to install a water and sediment retention basin (wetland) upstream of Shad Lake. Shad Lake is located within the Illinois River watershed. This project was the second phase of a major watershed management effort. The first phase included working with landowners and operators in the watershed to install best management practices to reduce soil erosion and stormwater runoff. Phase two implemented lakeshore and in-lake best management practices. The basin/wetland will retain stormwater runoff and trap sediment from a 320-acre subwatershed. The third and final phase completed dredging of Shad Lake. The project site demonstrates a "total" lake restoration project, (planning, watershed implementation, lake implementation and finally dredging). In addition to the sediment basin implemented with Section 319 funding, the project also included 520 feet of shoreline stabilization (PLWIP) and construction of ten water and sediment control basins (CPP).

Project Location: Macoupin County

Subgrantee: Village of Royal Lakes
549 West Shipman Road
Shipman, Illinois 62685

Project Reports and Other Informational Materials:

"Village of Royal Lakes – Shad Lake Restoration Project – Final Report." October 2002. Village of Royal Lakes.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
350	Sediment Basin	1 (no.)	244	25	144
580	Streambank/Shoreline Protection	520 (ft.)	265	265	530
638	Water & Sediment Control Basin	10 (no.)	58	?	?

99-20(319)CD

Title: Lincoln Memorial Garden NPS Control – Phase 2

Purpose: This project was a continuation of the Lincoln Memorial Garden NPS Pollution Control Project funded under the FFY 1995 Section 319 grant. Lincoln Memorial Garden is listed on the National Historic Register as a "historic landscape". The project area, recently acquired by the Garden, is across the street from the original garden. The project site is located upstream of a number of in-stream best management practices applied during the original project, all of which are located upstream of Lake Springfield (ILREF). Lincoln Memorial Garden staff coordinated the retrofit of an existing water detention basin into a wetland. In addition, staff coordinated the removal of an accumulation of materials left by the previous landowner (deceased). Garden staff inventoried the materials removed, and identified the most interesting items found. The inventory and special items were used to promote the need to stop illegal dumping and littering.

Project Location: Sangamon County

Subgrantee: Lincoln Memorial Garden
2301 East Lake Drive
Springfield, Illinois 62707

Project Reports and Other Informational Materials:

"Lincoln Memorial Garden NPS Control – Phase 2 – Final Report." January 30, 2004. Lincoln Memorial Garden.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
657	Wetland Restoration	0.7 (ac.)	6	?	?
562	Recreational Area Improvement	6 (ac.)	?	?	?

99-21(319)CD

Title: Salt Creek Stabilization – Rolling Meadows

Purpose: This project reduced erosion and nonpoint source pollution through the stabilization of 1,800 feet of eroding streambank along a 3,000-foot segment of Salt Creek (ILGL09) located in Rolling Meadows, Illinois. Bioengineering techniques (i.e., vegetated gabion baskets, re-grading and stone toe protection, and clearing and revegetation with native vegetation) were used. Salt Creek is a Category 1 watershed in the Unified Watershed Assessment. The TMDL and implementation plan for Salt Creek are complete.

Project Location: Cook County

Subgrantee: City of Rolling Meadows
3600 Kirchoff Road
Rolling Meadows, Illinois 60008

Project Reports and Other Informational Materials:

"Salt Creek Streambank Stabilization Project – Final Report." January 2004. Christopher B. Burke Engineering, Ltd.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,800 (ft.)	297	252	504

99-22(319)SR

FFY 2000 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Northern Illinois Community Assistance Office

Purpose: This project provided training to Natural Resource Conservation Service regional staff on water quality regulations and technical issues. Furthermore, the project encouraged the provision of nonpoint source pollution control related technical assistance to appropriate local agencies and organizations in northeastern Illinois. The Natural Resources Conservation Service's Northeastern Illinois Community Assistance Office was established to serve the six county northeastern Illinois area. This office provided technical assistance to soil and water conservation districts, planning commissions, county departments, townships and municipalities in northeastern Illinois. In addition to direct technical assistance, the staff of this office provided information/education and training assistance. The major focus of the office was on erosion/sediment control, water quality, and natural resource management.

Project Location: Counties of Lake, McHenry, Kane, DuPage, Cook, and Will

Subgrantee: USDA Natural Resources Conservation Service
603 East Diehl Road, Suite 131
Naperville, Illinois 60563-1476

00-4(319)SR

Title: Evaluation of Treated Swine Waste Application

Purpose: This project assessed a new method of treating swine waste called aerobic thermophilic treatment (AT Treatment) in terms of its ability to reduce nutrient and bacterial nonpoint source (NPS) pollution as compared to current practices in growing corn following swine waste application. Data was collected on NPS nutrient and bacterial pollution arising from the application of treated swine waste as a nutrient source for corn. Instead of sampling and analysis at a given pork producer's operation and application to his corn fields where large numbers of environmental samples would be required for statistical confidence, this assessment used constructed replicate field plots where ground and surface water can be collected and sampled. A statistically designed study using 12 constructed field lysimeters with triplicate treatments of AT treated fertilizer, lagoon treated fertilizer with inorganic nitrogen fertilizer added to increase nitrogen value and an untreated control was used. The comparative study between the treatments assessed the levels of contamination of ammonia nitrogen, nitrate nitrogen, total nitrogen, ortho-phosphate-P, total phosphorus and fecal coliforms. Collected data was analyzed and disseminated to the public through an Internet web page and by presentations.

Project Location: Jackson County

Subgrantee: Southern Illinois University, Research Development & Administration
Carbondale, Illinois 62901-4709

00-5(319)JC

Title: 2nd National NPS Pollution Control Information/Education Conference

Purpose: The purpose of this project was to bring together a variety of entities involved in nonpoint source pollution control information and education programs in the United States. The conference focused on those groups and individuals with an interest in nonpoint source pollution control information and education projects and those with experience in information and education projects. The conference included sessions, displays, and field trips to share a variety of nonpoint source pollution control information and education programs that are currently being implemented or are under development. The conference was held May 14 – 17, 2001 in Chicago, Illinois.

Project Location: Cook County

Subgrantee: Chicago Botanic Garden
1000 Lake Cook Road
Glencoe, Illinois 60022

Project Reports and Other Informational Materials:

"2nd National Conference Nonpoint Source Pollution Information & Education Programs." March 2002. Chicago Botanic Garden.

00-6(319)BL

Title: Farm Progress Show/Illinois State Fair 2000

Purpose: The purpose of this project was to create a nonpoint source pollution control/water quality display for the 2000 Farm Progress Show and Illinois State fair. The target audience was Illinois agricultural producers and their families. Illinois agriculture covers approximately 87 percent of the state. The Farm Progress Show is held in Illinois every three years. Attendance is estimated at 250,000 (rainy weather) to over 500,000 (sunshine). Eighty percent of the attendees are from within 100 miles of the show with the remaining 20 percent from everywhere else, including England, Australia, Canada, Mexico, etc.

Project Location: Sangamon County

Subgrantee: Not Applicable

00-7(319)CD

Title: Armitage Creek Project

Purpose: Approximately 2,420 feet of Armitage Creek, a tributary of the East Branch DuPage River (ILGBL10), were stabilized utilizing bioengineering techniques (a-jacks, fiber roll, vegetation) to protect streambanks and enhance water quality. A drop structure was also constructed to receive flow from a roadside swale and eliminate scour. The project included an educational component to inform residents and property owners through newsletters, meetings, and workshops.

Project Location: DuPage County

Subgrantee: Village of Glendale Heights
300 Civic Center Plaza
Glendale Heights, Illinois 60139

Project Reports and Other Informational Materials:

"Armitage Creek Streambank Stabilization Project – Final Report." October 23, 2003. Village of Glendale Heights.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	2,420 (ft.)	199	168	337

00-8(319)SR

Title: North Fork Embarras Watershed Project – Phase 2

Purpose: This project protected and improved the water quality of the North Fork Embarras River (ILBEF05) watershed by reducing nonpoint source pollution through a continuation of the efforts initiated with Section 319 funding under federal fiscal year 1996. A comprehensive program of sediment and nutrient reduction was implemented that included watershed protection, information, and education efforts. Upland BMPs installed included 21 grassed waterways, 12 sediment basins, 5 water and sediment control basins, 1 pond, 2 terraces, and 5 grade stabilization structures. One streambank stabilization project using longitudinal peakstone toe protection was installed on 60 linear feet of streambank on the main channel.

Project Location: Counties of Jasper and Clark

Subgrantee: North Fork Conservancy District
Post Office Box 7, 110 East Main
Casey, Illinois 62420

Project Reports and Other Informational Materials:

"North Fork Embarras Watershed Project – Final Report." April 2002. North Fork Conservancy District.

BMP Implementation Summary:

		Estimated Load Reduction		
		Sediment	Phosphorus	Nitrogen

BMP Code	BMP Name	Amount	(Tons/Yr.)	(Pounds/Yr.)	(Pounds/Yr.)
350	Sediment Basin	12 (no.)	471	130	263
378	Pond	1 (no.)	63	21	42
410	Grade Stabilization Structure	5 (no.)	19	19	37
412	Grassed Waterway	43.4 ac.	195	186	371
580	Streambank/Shoreline Protection	60 ft.	61	61	122
600	Terrace	?	17	11	20.5
638	Water & Sediment Control Basin	5 (no.)	87	19	38.5

00-9(319)JC

Title: Nutrient Management Plan Implementation

Purpose: This project demonstrated to producers that Nutrient Management Plans should be an integral component to their farming operation. Producers were provided with an incentive payment to follow (not exceed) the nitrogen rate, timing, and application guidelines established by the University of Illinois within watersheds identified as having nitrate impaired waters. The short-term goal was to increase the number of acres managed according to nutrient management plans in the selected watersheds. The long-term goal was to maintain the number of acres managed with nutrient management plans in these watersheds after the project ends and to be able to demonstrate to other producers in the State the value of nutrient management planning. Waterbodies protected included Lake Decatur (ILREA), Lake Bloomington (ILRDO), Paris Twin Lakes (ILRBX), Georgetown Lake (ILRBS), and Lake Vermilion (ILRBD).

Project Location: Counties of Edgar, Champaign, Macon, McLean, and Vermilion

Subgrantee: Association of Illinois Soil & Water Conservation Districts
2520 Main Street
Springfield, Illinois 62702

Project Reports and Other Informational Materials:

"Draft Watershed Plan for the Little Vermilion River. October 2004. Champaign County Soil and Water Conservation District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
590	Nutrient Management	79,321 (ac.)	?	1,461,703	1,148,802

00-10(319)JC

Title: Salt Creek Streambank Stabilization – Phase 2

Purpose: This project reduced erosion and nonpoint source pollution through the stabilization of 1,975 feet of eroding streambank along a segment of Salt Creek (ILGL09) located in Wood Dale, Illinois. Bioengineering techniques (i.e., a-jacks, erosion control blankets, willow posts, fiber roll) were used. This was a continuation of a streambank stabilization effort on Salt Creek initiated in 1998 with FFY94 Section 319 funding. Salt Creek is a Category 1 watershed in the Unified Watershed Assessment and is currently under TMDL development.

Project Location: DuPage County

Subgrantee: City of Wood Dale
404 North Wood Dale Road
Wood Dale, Illinois 60191

Project Reports and Other Informational Materials:

"Salt Creek Stream Bank Stabilization Project – Phase 2 – Final Report." February 11, 2002. City of Wood Dale.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,975 ft.	301	255	511

00-11(319)SR

Title: North Fork Vermilion River Project – Phase 2

Purpose: Operators in the area were contacted to increase awareness and to help them adopt conservation measures. Best management practices (BMPs) were designed and constructed to reduce siltation and nutrient/pesticide transport. BMPs used in this project included grassed waterways (6.07 ac.), grade stabilization structures (7), terraces (8,015 ft.), and tree planting (1.5 ac.). Public meetings and other educational programs, including a cover crop demonstration, were conducted to increase awareness to all citizens in the watershed. This was a continuation of an effort on the North Fork Vermilion River (ILBPG09) initiated with FFY97 Section 319 funding. The North Fork Vermilion River is a Category 1 watershed in the Unified Watershed Assessment.

Project Location: Vermilion County

Subgrantee: Vermilion County Soil & Water Conservation District
191 South Henning Road
Danville, Illinois 61832

Project Reports and Other Informational Materials:

"North Fork Vermilion River Project – Phase 2 – Final Report." November 2002. Vermilion County Soil & Water Conservation District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
410	Grade Stabilization Structure	7 (no.)	9	9	18
412	Grassed Waterway	6.07 (ac.)	86	86	171
600	Terrace	8,015 (ft.)	480	482	964
612	Tree Planting	1.5 (ac.)	3	6	12

00-12(319)JC

Title: West Branch DuPage River Streambank Restoration – Phase 2

Purpose: This project reduced erosion and nonpoint source pollution through the stabilization of eroding streambanks along 300 feet of the West Branch DuPage River (ILGBK05) using bendway weirs, biotechnical slope stabilization, and vegetation. This was a continuation of a streambank stabilization effort on the West Branch DuPage River initiated with FFY98 Section 319 funding. The West Branch DuPage River is a Category 1 watershed in the Unified Watershed Assessment. The project also included an education component involving an urban best management practices workshops.

Project Location: DuPage County

Subgrantee: The Conservation Foundation
10 S 404 Knoch Knolls Road
Naperville, Illinois 60565

Project Reports and Other Informational Materials:

"West Branch DuPage River Streambank Restoration – Phase 2 – Final Report." May 2002. The Conservation Foundation.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	300 ft.	81	81	162

00-13(319)SR

Title: Senachwine Creek Watershed Project – Phase 2

Purpose: This project improved water quality through the treatment of uplands and floodplains in the Senachwine Creek (ILDM01) watershed, and through the implementation of a watershed educational/training program. Cost-share assistance was provided to watershed landowners to implement a variety of upland and floodplain best management practices (BMPs). Upland BMPs included 55,270 feet of terraces, 11.2 acres of waterways, 36 water and sediment control basins, three grade stabilization structures, and one animal waste management system project. Floodplain BMPs included 11 ponds and two streambank stabilization projects. This was a continuation of an effort initiated with FFY94 Section 319 funding. Senachwine Creek is a Category 1 watershed in the Unified Watershed Assessment. The project also included an educational component to increase public awareness concerning nonpoint source pollution control.

Project Location: Peoria County

Subgrantee: Illinois River Soil Conservation Task Force
2412 West Nebraska Avenue
Peoria, Illinois 61604

Project Reports and Other Informational Materials:

"Senachwine Creek Watershed Nonpoint Source Control Project Phase 2 – Final Report." February 2003. Illinois River Soil Conservation Task Force.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
312	Animal Waste Management System	1 (no.)	45	45	90
350	Sediment Basin	9 (no.)	233	439	874
362	Diversion	?	?	?	?
378	Pond	12 (no.)	1,891	1,242	2,487
393	Filter Strip	1 ac.	177	214	427
412	Grassed Waterway	13 ac.	1,023	1,226	2,446
580	Streambank/Shoreline Stabilization	101 ft.	?	?	?
600	Terrace	57,805 ft.	3,563	2,978	5,711
638	Water & Sediment Control Structure	13,736 ft.	1,575	1,023	2,038
657	Wetland Restoration	90 (ac.)	?	?	?

00-14(319)ST

Title: Cache River Reforestation Project – Phase 2

Purpose: This project converted environmentally sensitive croplands to forest through planting of native hardwood species. The project was targeted toward fields designated as "prior converted cropland" or "farmed wetland" with an emphasis on plantings in riparian corridors that provide streambank stability and/or connect fragmented habitats. Technical assistance was also provided for the improvement of already existing timber stands along with an information/education program. This was a continuation of an effort initiated with FFY96 Section 319 funding. The Cache River (ILIX01) is a Category 1 watershed in the Unified Watershed Assessment.

Project Location: Counties of Union, Johnson, Alexander, Pulaski, and Massac

Subgrantee: Shawnee Resource Conservation and Development Area
R.R. 6, Box 255
1305 North Carbon
Marion, Illinois 62959

Project Reports and Other Informational Materials:

"Cache River Reforestation Project, Phase 2 – Final Report." August 11, 2003. Shawnee Resource Conservation and Development Area.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
612	Tree Planting	1,525.3 ac.	9,522	10,286	20,577

00-15(319)JC

Title: Roof Greening Project Opening

Purpose: The Peggy Notebaert Nature Museum created and exhibited a temporary display to announce and describe the Roof Greening Project to be implemented under Illinois Federal Fiscal Year 2003 Section 319 grant. The display describes, in a non-technical manner, the proposed green roof system in terms of its design, construction, function, and benefits. The display also presents information on nonpoint source pollution from urban runoff, its impacts on the environment, and the importance of water quality protection. The Peggy Notebaert Museum also held a ceremony to 1) announce the Illinois EPA's partnership with the Peggy Notebaert Museum on the Roof Greening Project 2) recognize project participants, 3) explain the project's purpose and the importance of nonpoint source pollution control, and 4) encourage cooperation among public and private groups for enhanced environmental awareness and protection programs.

Project Location: Cook County

Subgrantee: The Peggy Notebaert Nature Museum
2430 Cannon Drive
Chicago, Illinois 60614

00-17(319)BL

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA developed Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within the Charleston Side Channel Reservoir (ILRBC) watershed as identified on the 303(d) list through computer modeling. The watershed is also a Category 1 watershed in the Unified Watershed Assessment. Computer models were used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development were documented. Modeling results were used to support the development of an implementation plan for TMDL attainment. The TMDL was approved by USEPA on September 10, 2003

Project Location: Coles County

Subgrantee: Tetra Tech, Inc.
10306 Eaton Place
Suite 340
Fairfax, Virginia 22030

Project Reports and Other Informational Materials:

"Charleston Side Channel Reservoir Total Maximum Daily Load Report." August 2003. Tetra Tech Inc.

00-21(319)GE

FFY 2001 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Nonpoint Source Pollution Book – Phase 2

Purpose: This project developed a "Magic School Bus" style book on urban NPS pollution for 3rd through 5th grades. The Secret Agent Worm project is a comprehensive educational program that centers around the antics of two zany superspy worms—Napoleon Soil and Jane Blonde. In their first adventure, *The Disappearing Earth,* Napoleon and Jane tackled the priority-one nonpoint pollution problem of soil erosion. In this project, the Secret Agent Worms now turn their eyes to urban runoff. This adventure takes them deep beneath the streets in city storm sewers, where they are trying to track down the source that is contaminating a river. The Urban Runoff Teacher's Packet includes a copy of the new book, *Beneath the City of Ooze*, along with Secret Agent Worm stickers, bookmarks, and a poster.

Project Location: Statewide

Subgrantee: The University of Illinois
801 South Wright Street
Champaign, Illinois 61820

Project Reports and Other Informational Materials:

"The Secret Agent Worms Return in … Beneath the City of Ooze." 2003. University of Illinois.

01-02(319)BL

Title: Chicagoland Environmental Network

Purpose: The Chicagoland Environmental Network facilitated the exchange of information and resources concerning nonpoint source pollution, water quality, and other related environmental issues. The public was provided access to information and volunteer opportunities through a computer database of environmental organizations and agencies involved in habitat restoration, wetlands, prairies, watershed projects, urban gardening, revitalization programs, energy conservation, and recycling. This project also included the construction of a Clean Water Display and rain gardens.

Project Location: Cook County

Subgrantee: Chicago Zoological Society
3300 South Golf Road
Brookfield, Illinois 60513

01-04(319)BL

Title: Greater Eliza Watershed Project – Phase 2

Purpose: The purpose of this project was to protect and improve the water quality of the Greater Eliza (ILMWD01) Watershed by reducing nonpoint source pollutants. The project provided cost-share assistance to watershed landowners to implement a variety of upland and floodplain best management practices (i.e., sediment basins, ponds, grassed waterways, grade stabilization structures, water and sediment control basins). An educational program was developed to educate the public about the importance of streambank stabilization and nonpoint source pollution. This project was a continuation of an effort initiated with FFY 1998 Section 319 funding.

Project Location: Mercer County

Subgrantee: Mercer County Soil & Water Conservation District
308 Southeast 8th Avenue
Aledo, Illinois 61231

Project Reports and Other Informational Materials:

Greater Eliza Watershed Project Phase 2 – Final Report." May 12, 2004. Mercer County Soil and Water Conservation District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
350	Sediment Basin	3 (no.)	253	324	648
378	Pond	5 (no.)	1,228	962	1,924
410	Grade Stabilization Structure	3 (no.)	109	109	218
412	Grassed Waterway	3.1 ac.	247	223	450
600	Terrace	400 ft.	5	7	13
638	Water & Sediment Control Basin	22,323 ft.	2,506	1,257	2,511

01-07(319)JC

Title: Fox River WRAS Implementation Project

Purpose: The project included seven watershed restoration and protection projects as well as watershed-wide project coordination, technical assistance, and continued plan development. A "conservation engineer" was hired to provide technical assistance for best development and land management practices throughout the Nippersink Creek (ILDTK04) watershed, a tributary of the Fox River. The project stabilized 415 feet of eroding streambank along Tyler Creek (ILDTZP02). Approximately 140 feet of eroding streambank along Otter Creek (ILDTF02), a tributary to Ferson Creek and the Fox River, were stabilized and structures were installed to protect the quality of an adjacent 40 acre wetland park (Otter Creek Bend Wetland). A dam located on Brewster Creek (ILDT38) at the Elgin YWCA's Camp was removed to restore the impoundment to a meandering stream channel with a 4.9 acre wetland area and riparian buffer of native vegetation. A sediment monitoring program was implemented to demonstrate the effectiveness of the stream restoration and dam removal techniques. A biofiltration system was constructed in the center median of a parking lot in the West Main Street Park to drain and filter runoff to improve water quality by removing heavy metals and nutrients and reducing runoff volume. Stream restoration techniques (coir fiber rolls, A-jacks, lunkers, vegetated geogrids, deep rooted vegetation, and removal of non-native vegetation and undercut trees) were implemented along 5,790 feet of the Fox River and 6,060 feet of seven tributary streams. At Greater Raceway Woods, an existing outlet structure of an impoundment on an unnamed tributary of the Fox River (ILDT20) was modified and streambank and streambed stabilization was implemented along a 2,000 foot segment of the tributary.

Project Location: Counties of McHenry & Kane

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Reports and Other Informational Materials:

"Implementation of the Fox River Watershed Management Plan – Phase 1 – Final Report." October 2004. Northeastern Illinois Planning Commission.

"Improving the Fox River Watershed." (videotape, 16 min.) 2005. Kane County Forest Preserve District.

"Boone Creek Watershed Protection & Restoration Strategy – Executive Summary." January 2004. Boone Creek Watershed Alliance.

"Watershed Protection and Restoration Strategy for Boone Creek." May 23, 2003. Northeastern Illinois Planning Commission.

"Brewster Creek Dam Removal and Stream Restoration." (videotape) 2004. Kane County Department of Environmental Management.

"Preliminary Results of Dam Removal Analysis on Brewster Creek Near St. Charles, Illinois, 2003-2004." October 2004. Kane County Department of Environmental Management.

http://www.co.kane.il.us/kcstorm/raceway.htm

http://www.co.kane.il.us/kcstorm/brewster/brewster.htm

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	14,745 ft.	872	872	1,745
657	Wetland Restoration	4.9 ac.	?	?	?
845	Infiltration Trench	295 ft.	1.2	1	3
910	Rock Outlet Protection	1 (no.)	?	?	?

01-08(319)SR

Title: Upper DesPlaines River WRAS Implementation Project

Purpose: The DesPlaines River is a Category 1 watershed in the Unified Watershed Assessment. This project began implementation of the Watershed Restoration Action Strategy for the Upper DesPlaines River (ILG30). The project included four watershed restoration and protection projects as well as watershed-wide project coordination, technical assistance, and continued plan development. A 4.0-acre native riparian buffer was restored along Indian Creek (ILGU02), a tributary to the DesPlaines River, within the Reed-Turner Woodland Nature Preserve. Stabilization practices (coir fiber rolls, soil lifts, live staking, and a-jacks) were installed along 1,200 feet of streambank (600 feet of stream) of a tributary to Sylvan Lake (ILRGZF) in the Indian Creek sub-watershed along with the restoration of 0.33 acres of bottomland floodplain and 1.0 acre of savanna woodland. Watershed Implementation Plans were developed for the Indian Creek sub-watershed. Approximately 2.0 acres of sedge meadow were restored within a 47-acre Illinois

State Nature preserve to increase stormwater storage capacity and biofiltration of runoff. Approximately 2,970 feet of eroding shoreline on East Pond were stabilized through the installation of aquatic plantings, seeding, erosion blankets, minor re-grading, shrubs, retaining wall, and terracing to create littoral vegetative shelves.

Project Location: Lake County

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Reports and Other Informational Materials:

"Indian Creek Watershed Implementation Plan." May 21, 2003. Applied Ecological Services, Inc.

"Upper Des Plaines Watershed Restoration Action Strategy Implementation - Final Report." September 30, 2003. Northeastern Illinois Planning Commission.

www.indiancreekwp.org

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
410	Grade Stabilization Structure	2 (no.)	?	?	?
580	Streambank/Shoreline Protection	4,170 ft.	100	100	239
657	Wetland Restoration	7.3 ac.	8	12	25
910	Rock Outlet Structure	1 (no.)	?	?	?

01-09(319)JC

Title: Salt Creek Streambank Stabilization – Phase 3

Purpose: This project reduced erosion and nonpoint source pollution through the stabilization of eroding streambanks along a segment of Salt Creek (approximately 1,111 feet) located in Wood Dale, Illinois. Bioengineering techniques (.e., a-jacks and vegetated geo-grids) were used. This was the third phase of a Salt Creek streambank stabilization effort in the City of Wood Dale initiated in 1998 with FFY 1994 Section 319 funding and continued with FFY 2000 Section 319 funding. Salt Creek (ILGL09) is a Category 1 watershed in the Unified Watershed Assessment and is scheduled for TMDL development over the next two years.

Project Location: DuPage County

Subgrantee: City of Wood Dale
404 North Wood Dale Road
Wood Dale, Illinois 60191

Project Reports and Other Informational Materials:

"Salt Creek Stream Bank Stabilization Project – Phase 3 – Final Report." January 2003. City of Wood Dale.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,111 ft.	134	113	226

01-11(319)SR

Title: Rivers Rising Video

Purpose: The Illinois EPA and the John G. Shedd Aquarium developed a ½ hour video documentary on the relationships between humans and riparian ecosystems, specifically the Amazon and Mississippi Rivers. The Video examines how human land uses influence water quality as well as the volume and velocity of runoff. The video features Section 319 projects, and others, that have been implemented to mitigate adverse environmental impacts and improve water quality in the Mississippi River watershed.

Project Location: Cook County

Subgrantee: John G. Shedd Aquarium
1200 South Lake Shore Drive
Chicago, Illinois 60605

Project Reports and Other Informational Materials:

"Big Rivers Rising." (28.5 minute video) December 2002. John G. Shedd Aquarium.

01-12(319)SR

Title: Illinois Buffer Partnership

Purpose: Trees Forever and the Illinois Council on Best Management Practices (C-BMP) improved water quality by promoting riparian restoration in targeted watersheds (Blackberry Cr. (ILDTD02), Farm Cr. (ILDZZP03), & Kickapoo Cr. (ILEIE05)) within the Illinois River basin. This project promoted an integrated approach to managing riparian zones through the planting of trees, shrubs and grasses along streams; stabilizing streambanks; enhancing stream channels with natural materials; and employing constructed wetlands. The primary objectives of the project were to increase the number and quality of riparian management systems in the watersheds by: 1) coordinating training sessions for local professionals and consultants; 2) providing informational and promotional programs and activities on the importance of stream corridors and the need for riparian restoration; and 3) assisting with the establishment of demonstration projects on rural landowner properties through the coordination of riparian management design, funding, and installation assistance to landowners.

Project Location: Counties of Kane, Kendall, Tazewell, & Logan

Subgrantee: Trees Forever
770 7th Avenue
Marion, Iowa 52302

Project Reports and Other Informational Materials:

"Illinois Buffer Partnership – Final Report." December 15, 2003. Trees Forever.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
393	Filter Strips	9.3 ac.	228	378	748
580	Streambank/Shoreline Protection	3,300 ft.	12	11	22
612	Tree Planting	255 ac.	816	1,030	2,055
657	Wetland Restoration	35 ac.	?	29	124

01-13(319)JC

Title: Prentiss Creek Streambank Stabilization Project

Purpose: Approximately 6,790 feet of eroding streambank along Prentiss Creek (ILGBL10), a tributary of the East Branch DuPage River, were stabilized utilizing bioengineering techniques (vegetated gabions, regarding, vegetation, and stone shelf). The installed practices were designed to protect streambanks and enhance water quality. The East Branch DuPage River is a Category 1 watershed in the Unified Watershed Assessment for which a TMDL and implementation plan have been completed.

Project Location: DuPage County

Subgrantee: Village of Woodridge
One Plaza Drive
Woodridge, Illinois 60517-4199

Project Reports and Other Informational Materials:

"Prentiss Creek Streambank Stabilization Project Final Report." July 2003. Christopher B. Burke Engineering West, Ltd.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	6,790 ft.	256	256	512

01-10(319)ST

FFY 2002 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: North Fork Embarras Watershed Project – Phase 3

Purpose: This project protected and improved the water quality of the North Fork Embarras River (ILBEF05) watershed by reducing nonpoint source pollution through a continuation of the efforts initiated with Section 319 funding under federal fiscal years 1996 and 2000. A comprehensive program of sediment and nutrient reduction was implemented that included watershed protection, information, and education efforts. Upland BMPs installed included 11 grassed waterways, 11 sediment basins, 19 water and sediment control basins, and 2 grade stabilization structures. Two

streambank stabilization projects using longitudinal peak stone toe protection were installed on 300 linear feet of streambank on the main channel.

Project Location: Counties of Jasper and Clark

Subgrantee: North Fork Conservancy District
Post Office Box 7, 110 East Main
Casey, Illinois 62420

Project Reports and Other Informational Materials:

"North Fork Embarras Watershed Project – Final Report." September 2004. North Fork Conservancy District.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
350	Sediment Basin	11 (no.)	485	163	327
410	Grade Stabilization Structure	2 (no.)	9	9	18
412	Grassed Waterway	9.6 ac.	85	85	173
580	Streambank/Shoreline Protection	300 ft.	64	57	115
638	Water & Sediment Control Basin	7,675 ft.	311	82	163

02-01(319)JC

Title: Northern Illinois Community Assistance Office

Purpose: This project provided training to Natural Resource Conservation Service regional staff on water quality regulations and technical issues. Furthermore, the project encouraged the provision of nonpoint source pollution control related technical assistance to appropriate local agencies and organizations in northeastern Illinois. The Natural Resources Conservation Service's Northeastern Illinois Community Assistance Office was established to serve the six county northeastern Illinois area. This office provided technical assistance to soil and water conservation districts, planning commissions, county departments, townships and municipalities in northeastern Illinois. In addition to direct technical assistance, the staff of this office provided information/education and training assistance. The major focus of the office was on erosion/sediment control, water quality, and natural resource management.

Project Location: Counties of Lake, McHenry, Kane, DuPage, Cook, and Will

Subgrantee: USDA Natural Resources Conservation Service
603 East Diehl Road, Suite 131
Naperville, Illinois 60563-1476

02-06(319)SR

Title: Lake Galena Watershed Project

Purpose: This project reduced nonpoint source (NPS) pollution delivered to Lake Galena (ILRMM) through the installation of best management practices (BMPs) adjacent to the lake and within the watershed. BMPs were used to stabilize approximately 2,250 feet of eroding shoreline along Lake Galena and establish, where possible, a buffer of native vegetation along the shoreline to reduce erosion, filter runoff, and enhance aquatic habitat. The project also involved the installation of approximately 1,140 feet of BMPs (i.e., rip-rap, jetties, minor stream regarding, fiber roll, vegetative stabilization) on Smallpox and Noname Creeks to stabilize eroded streambanks. Approximately 4,480 feet of BMPs (i.e., drainage way reshaping, grade stabilization, riprap, vegetative stabilization) were also installed to stabilize eroding drainage ditch banks.

Project Location: JoDaviess County

Subgrantee: Galena Territory Association
2000 Territory Drive
Galena, Illinois 61036

Project Reports and Other Informational Materials:

Lake Galena Watershed Project – Final Report." April 2004. Galena Territory Association.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	3,390 ft.	634	633	1,266
581	Ditch Stabilization	4,480 ft.	159	163	320

02-08(319)ST

Title: Addison Creek Streambank Stabilization

Purpose: This project reduced erosion and nonpoint source pollution through the stabilization of approximately 3,750 feet of eroding streambanks along a 2,063 foot segment of Addison Creek (ILGLA02) located in Northlake, Illinois. Bioengineering techniques (i.e., re-grading, A-jacks with vegetation, vegetation with Stabilator toe, rip rap, and vegetated gabion baskets) were used. Addison Creek is a tributary of Salt Creek. Salt Creek is a Category 1 watershed in the Unified Watershed Assessment and is included on Illinois 303d list. The TMDL and implementation plan for Salt Creek is nearly complete.

Project Location: Cook County

Subgrantee: Addison Creek Conservancy District
P.O. Box 2381
Northlake, Illinois 60164

Project Reports and Other Informational Materials:

"Addison Creek Streambank Stabilization Project – Final Report." November 2004. Christopher B. Burke Engineering, Ltd.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	3,750 ft.	598	252	504

02-11(319)SR

Title: E. Br. DuPage R. Trib. No. 6 Stream Restoration

Purpose: Approximately 1,379 feet of eroding streambank along an unnamed stream, tributary number 6 of the East Branch DuPage River (ILGBL10), was stabilized by restoring a more natural floodplain terrace (removal of non-native and invasive shrubs and trees, selective bank excavation, re-vegetation with native herbaceous plant species) and bioengineering techniques (re-grading, vegetation, erosion control blanket, coir fiber roll, A-jacks, riffles). The installed practices were designed to protect streambanks and enhance water quality. The East Branch DuPage River is a Category 1 watershed in the Unified Watershed Assessment and is included on Illinois 303d list. The TMDL and implementation plan for the East Branch DuPage River are complete.

Project Location: DuPage County

Subgrantee: Hobson Creek Community Council
23W420 Country Court
Naperville, Illinois 60540

Project Reports and Other Informational Materials:

"Hobson Creek Corridor Restoration Project, Phase 1 Tributary 6 to the East Branch DuPage River – Section 319 Project Report." December 2004. Ted Gray & Associates, Inc.

BMP Implementation Summary:

			Estimated Load Reduction		
BMP Code	BMP Name	Amount	Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,379 ft.	120	120	239

02-13(319)ST

Title: Rainfall Simulator/Crop Residue Demonstration

Purpose: The Embarras River Management Association purchased six Rainfall Simulator/Crop Residue Demonstration Units (Simulator) and trailers. The Simulators and trailers were supplied to six county Soil and Water Conservation Districts (SWCDs) that shared the Simulators' use and ownership with six other SWCDs all in the Embarras River Watershed. These Simulators were used by the Natural Resource Conservation Service and Soil and Water Conservation District personnel at

conservation education field days and tours to demonstrate the value of crop residues in reducing soil erosion and nutrient leaching.

Project Location: Counties of Champaign, Vermillion, Douglas, Edgar, Coles, Cumberland, Clark, Jasper, Crawford, Richland, and Lawrence.

Subgrantee: Embarras River Management Association
P.O. Box 278
Toledo, Illinois 62468

Project Reports and Other Informational Materials:

"Rainfall Simulator Unit Instruction Manual." 2004. Embarras River Management Association.

"Rainfall Simulator Presentations 2003 – 2004." 2004. Embarras River Management Association.

"Rainfall Simulator Units Project Final Report." October 18, 2004. Embarras River Management Association.

02-17(319)BL

Title: Big Rivers Rising

Purpose: The John G. Shedd Aquarium duplicated 700 copies of the videotape production "Big Rivers Rising" developed under Financial Assistance Agreement Number 3190112 between the Illinois EPA and the John G. Shedd Aquarium. The Recipient distributed these videotape copies in accordance with the Promotion and Distribution Plan (Plan) developed under Financial Assistance Agreement Number 3190112 between the Illinois EPA and the John G. Shedd Aquarium.

Project Location: Statewide

Subgrantee: John G. Shedd Aquarium
1200 South Lake Shore Drive
Chicago, Illinois 60605

02-18(319)SR

ONGOING PROJECTS

FFY98 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Roosevelt Park Pond & Waukegan River Restoration

Purpose: This project included the design and installation of an interpretive signage and pathway, streambank (rock boulders with vegetation) and wetland restoration techniques (modification and installation of two riffles, wetland planting, deepen the existing forebay area) on the south Branch of the Waukegan River by the retrofit of the existing Roosevelt Park sediment basin. These stream and wetland restoration efforts helped to improve water quality, create wildlife habitat, and provide for environmental education opportunities.

NPS Program: Hydrologic Modification, Wetlands, Urban Stormwater, & Information/Education

Project Location: Lake County

Waterbody Name (ID): Waukegan River (ILQ01)

Subgrantee: Waukegan Park District
2000 Belvidere Street
Waukegan, Illinois 60085

Project Period: 06/01/00 through 12/31/04

Total Project Cost:	$783,333.00	**Cumulative Expenditure:**	$717,455.87
Federal:	$470,000.00	**Federal:**	$430,473.53
State and Local:	$313,333.00	**State and Local:**	$286,982.34

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Wetland Design	12/01/00	Yes	Previously submitted to USEPA.
Final Wetland Design	05/01/01	Yes	
Wetland Design Implementation	06/01/02	Yes	
Photo Documentation of Wetland Implementation	12/01/02	Yes	
Draft Stream Corridor Design	06/01/04	Yes	
Final Stream Corridor Design	07/01/04	Yes	
Stream Corridor Design Implementation	11/30/04	Yes	
Photo Documentation of Stream Corridor	12/31/04	Yes	
Draft Operation & Maintenance Plan	12/01/00	Yes	
Final Operation & Maintenance Plan	05/01/01	Yes	
Project Sign Design	10/01/00	Yes	
Install Project Sign	04/01/01	Yes	
Draft Final Report	11/30/04	Yes	
Final Report	12/31/04	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Roosevelt Park Pond/Waukegan River Restoration Project." December 2004. Waukegan Park District.

98-19(319)ST

Title: Lakeshore & Streambank Litter Collection Assistance Program

Purpose: This project provided financial assistance to selected applicants to conduct lakeshore and streambank clean-up events. Local organizations that have previously conducted a lakeshore or streambank clean-up event were eligible to participate. The local sponsor was given up to $2,000 to help conduct their clean-up event. The local sponsor could use the funds for event promotion, event equipment or disposal fees.

NPS Program: Hydrologic Modification

Project Location: Statewide

Waterbody Name (ID):

Subgrantee: Not Applicable

Project Period: 05/01/02 through 01/31/05

Total Project Cost:	$71,500.00	**Cumulative Expenditure:**	$71,500.00
Federal:	$71,500.00	**Federal:**	$71,500.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Application Package	07/01/02	Yes	Previously submitted to USEPA.
Application Submittal	11/01/02	Yes	
Project Selection	01/31/03	Yes	
Draft Final Report	05/15/05	Yes	
Final Report	06/30/05	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Streambank Cleanup and Lakeshore Enhancement, SCALE 2003." June 2004. Illinois Environmental Protection Agency.

"Pilot "Streambank Cleanup And Lakeshore Enhancement" Program, SCALE." July 2005. Illinois Environmental Protection Agency.

FFY99 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Northwest Illinois Livestock Project

Purpose: This project involved the implementation of best management practices (BMPs) for milk house waste that are appropriate for northwestern Illinois. The project explained the benefits and limitations for each BMP. Cost share and incentive payments were used to facilitate implementation of new or upgraded milk house waste handing facilities, based on water quality criteria.

NPS Program: Agriculture

Project Location: Counties of Carroll, Jo Daviess, Stephenson, and Whiteside

Waterbody Name (ID):

Subgrantee: Blackhawk Hills RC&D, Inc.
102 East Route 30, Suite 2
Rock Falls, Illinois 61071

Project Period: 08/15/02 through 12/15/04

Total Project Cost:	$203,875.00	**Cumulative Expenditure:**	$215,798.99
Federal:	$163,100.00	**Federal:**	$141,828.45
State and Local:	$40,775.00	**State and Local:**	$73,970.54

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Strategy	09/01/02	Yes	
Final Strategy	10/01/02	Yes	
Technical Assistance	08/15/04	Yes	
Pre-Construction Review Submittal	10/01/04	Yes	
Complete Installation of BMPs	12/01/04	Yes	
Photo Documentation of BMP Installation	12/01/04	Yes	
Sign Design	09/01/02	Yes	
Complete Sign Installation	12/01/04	Yes	
Draft Information Strategy	11/01/02	Yes	
Final Information Strategy	12/01/02	Yes	
Draft Project Report	11/01/04	Yes	
Final Project Report	12/01/04	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Northwest Illinois Livestock Project." March 2005. Blackhawk Hills RC&D, Inc.

99-23(319)ST (JC)

FFY99 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS)

Title: Total Maximum Daily Load & Implementation Plan Development

Purpose: This project will develop Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within two (2) specific watersheds on the 303(d) list through computer modeling. The two watersheds are also Category 1 watersheds in the Unified Watershed Assessment. For each watershed, computer models will be used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development will be documented. Modeling results will be used to support the development of implementation plans for TMDL attainment.

NPS Program: Monitoring/Evaluation

Project Location: Counties of Cook, DuPage, and Will

Waterbody Name (ID): Salt Creek (ILGL09) and E. Br. DuPage River (ILGBL10)

Subgrantee: CH2MHill
727 North First Street, Suite 400
St. Louis, Missouri 63102-2542

Project Period: 01/12/00 through 06/30/02

Total Project Cost:	$486,700.00	**Cumulative Expenditure:**	$438,030.00
Federal:	$486,700.00	**Federal:**	$438,030.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Salt Creek Interim Report No. 1	03/12/00	Yes	
Salt Creek Interim Report No. 2	04/12/00	Yes	
Salt Creek Interim Report No. 3	01/12/01	Yes	
Salt Creek Final Report	04/12/01	No	Reviewing draft.
E. Br. DuPage River Interim Report No. 1	03/12/00	Yes	
E. Br. DuPage River Interim Report No. 2	04/12/00	Yes	
E. Br. DuPage River Interim Report No. 3	01/12/01	Yes	
E. Br. DuPage River Final Report	04/12/01	No	Reviewing draft.
Participate in a General Public Meeting	02/28/00	Yes	
Participate in Basin Specific Meetings	07/12/00	Yes	
Participate in Public Hearings	09/30/03	Yes	
Install Methodologies or Models at Illinois EPA	06/30/02	No	

Comments: Final public meetings were held September 29 & 30, 2003; record closed December 1, 2003. Final TMDLs will be sent to USEPA in July 2004.

Project Reports and Other Informational Materials:

FFY00 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Pittsfield National Monitoring Program

Purpose: This project completed the identification of sources of sediment and the efficiency of sediment control practices on the tributary watershed of Lake Pittsfield. This project was funded each year under Section 319 since 1992.

NPS Program: Monitoring/Evaluation and Agriculture

Project Location: Pike County

Waterbody Name (ID): Lake Pittsfield (ILRDP)

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

Project Period: 09/01/00 through 08/31/04

Total Project Cost:	$121,268.45	**Cumulative Expenditure:**	$121,268.45
Federal:	$121,268.45	**Federal:**	$121,268.45
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Mapping	08/31/04	Yes	
Event Sampling	08/31/04	Yes	
Rain Gage Data	08/31/04	Yes	
Base Stream Flow Sampling	08/31/04	Yes	
Diskette of Data on NPSMS – Year 1	08/31/01	Yes	
Diskette of Data for STORET – Year 1	08/31/01	Yes	
Diskette of Data on NPSMS – Year 2	08/31/02	Yes	
Diskette of Data for STORET – Year 2	08/31/02	Yes	
Diskette of Data on NPSMS – Year 3	08/31/03	Yes	Previously submitted to USEPA.
Diskette of Data for STORET – Year 3	08/31/03	Yes	Previously submitted to USEPA.
Diskette of Data on NPSMS – Year 4	08/31/04	Yes	
Diskette of Data for STORET – Year 4	08/31/04	Yes	
Annual Report – Year 1	08/31/01	Yes	Previously submitted to USEPA.
Annual Report – Year 2	08/31/02	Yes	Previously submitted to USEPA.
Annual Report – Year 3	08/31/03	Yes	Previously submitted to USEPA.
Draft Final Report	06/01/04	Yes	
Final Report	08/31/04	Yes	Submitted to USEPA with this report.
Videotape Script	06/01/04	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

00-1(319)ST

Title: Waukegan River National Monitoring Program

Purpose: This project will complete the utilization of the national monitoring program initiated under Section 319 in federal fiscal year 1994 to demonstrate the effectiveness of biotechnical stream stabilization techniques implemented on the Waukegan River. A videotape will also be produced which documents the monitoring program and the conditions of the physical and biological enhancements achieved on the Waukegan River.

NPS Program: Monitoring/Evaluation, Hydrologic Modification, and Urban Stormwater

Project Location: Lake County

Waterbody Name (ID): Waukegan River (ILQ01)

Subgrantee: Illinois State Water Survey
Post Office Box 697
Peoria, Illinois 61652-0697

Project Period: 06/01/00 through 07/15/06

Total Project Cost:	$242,66700	**Cumulative Expenditure:**	$230,811.96
Federal:	$145,600.00	**Federal:**	$101,193.16
State and Local:	$97,067.00	**State and Local:**	$129,618.80

Project Milestone	Completion Date	Completed Yes/No	Comments
Implement QAPP	12/31/04	No	
Diskette of Data on NPSMS – Year 1	05/31/01	Yes	
Diskette of Data for STORET – Year 1	05/31/01	Yes	
Diskette of Data on NPSMS – Year 2	05/31/02	Yes	
Diskette of Data for STORET – Year 2	05/31/02	Yes	
Diskette of Data on NPSMS – Year 3	05/31/03	Yes	Previously submitted to USEPA.
Diskette of Data for STORET – Year 3	05/31/03	Yes	Previously submitted to USEPA.
Diskette of Data on NPSMS – Year 4	05/31/04	No	
Diskette of Data for STORET – Year 4	05/31/04	No	
Pittsfield Videotape Script	03/31/05	Yes	
Pittsfield Draft Videotape Production	04/30/05	Yes	
Pittsfield 30 Copies of Final Videotape	05/31/05	Yes	
Waukegan Videotape Script	11/30/05	No	
Waukegan Draft Videotape Production	12/31/05	No	
Waukegan 30 Copies of Final Videotape	01/31/05	No	
Annual Report – Year 1	05/31/01	Yes	Previously submitted to USEPA.
Annual Report – Year 2	05/31/02	Yes	Previously submitted to USEPA.
Annual Report – Year 3	05/31/03	Yes	Previously submitted to USEPA.
Pittsfield Draft Final Report	08/31/05	Yes	
Pittsfield Final Report	12/31/05	No	
Waukegan Draft Final Report	02/28/06	No	
Waukegan Final Report	07/15/06	No	

Comments:

Project Reports and Other Informational Materials:

00-2(319)ST

FFY00 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS)

Title: Chicago Botanic Garden Lake WRAS Implementation

Purpose: This project will install best management practices along 5,620 linear feet of shoreline on the Chicago Botanic Garden Lake to arrest shoreline erosion and reduce nonpoint source pollution while protecting or enhancing habitat and aesthetic qualities. The installation of shoreline stabilization practices will be consistent with the recommendations of the Chicago Botanic Garden's "Aquatic Initiative – Lagoon Shoreline Restoration Master Plan" and "Clean Lakes Diagnostic/Feasibility Study," which together serve as a watershed restoration action strategy. Shoreline stabilization practices shall include sheetpilings, stone walls, cobbles, fiber rolls, A-jacks, lunkers, native grasses and shrubs, erosion control blankets, live fascines, branchpacking, and vegetated geogrids. The project will also include an education component including meetings, tours, and construction of a webpage about the project and the shoreline restoration techniques.

NPS Program: Hydrologic Modification

Project Location: Cook County

Waterbody Name (ID): Chicago Botanic Garden Lagoon (ILRHJA)

Subgrantee: Chicago Botanic Garden
1000 Lake Cook Road
Glencoe, Illinois 60022

Project Period: 06/01/00 through 08/31/06

Total Project Cost:	$3,321,667.00	**Cumulative Expenditure:**	$3,120,765.90
Federal:	$1,993,000.00	**Federal:**	$1,872,459.22
State and Local:	$1,328,667.00	**State and Local:**	$1,248,306.68

Project Milestone	Completion Date	Completed Yes/No	Comments
Final Area A Design Specifications, Permits, etc.	08/15/01	Yes	Previously submitted to USEPA.
Final Area B Design Specifications	12/15/01	Yes	Previously submitted to USEPA.
Area B Final Permits & Landowner Agreements	02/01/02	Yes	
Area A Design Implementation	07/01/02	Yes	
Area A Photo Documentation of Construction	08/01/02	Yes	
Area B Design Implementation	08/01/02	Yes	
Area B Photo Documentation of Construction	10/01/02	Yes	
Draft Education Work Strategy	04/15/01	Yes	Previously submitted to USEPA.
Final Education Work Strategy	06/15/01	Yes	Previously submitted to USEPA.
Education Materials	07/01/03	No	
Educational Stand Plan	03/01/03	No	
Install Educational Stand	05/31/03	No	
Draft Operation & Maintenance Plan	12/01/02	Yes	
Final Operation & Maintenance Plan	06/30/02	No	
Webpage Plan	04/01/03	No	
Build & Post Webpage	06/30/03	No	
Draft Final Report	12/31/02	Yes	
Final Report	06/30/03	No	

Comments:

Project Reports and Other Informational Materials:

00-16(319)AW

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA will develop Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within eight (8) watersheds on the 303(d) list through computer modeling. The eight (8) watersheds are also Category 1 watersheds in the Unified Watershed Assessment. For each watershed, computer models will be used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development will be documented. Modeling results will be used to support the development of implementation plans for TMDL attainment.

NPS Program: Monitoring/Evaluation

Project Location:

Waterbody Name (ID): Beaucoup Cr. (ILNC05), Casey Fork (ILNJ07), Bonnie Cr. (ILNCD01), Big Muddy R. (ILN12), Dutchman Cr. (ILADD01), Little Muddy R. (ILNE05), Little Wabash R. (ILC21), and Big Muddy R. (ILN11)

Subgrantee: Camp, Dresser, & McKee

Project Period: 05/01/01 through 04/30/04

Total Project Cost:	$515,011.00	**Cumulative Expenditure:**	$444,245.66
Federal:	$515,011.00	**Federal:**	$444,245.66
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Interim Reports No. 1	07/31/01	Yes	
Watershed Interim Reports No. 2	08/31/01	Yes	
Watershed Interim Reports No. 3	11/14/02	Yes	
Watershed Final Reports	03/01/03	Yes	
Participate in a General Public Meeting	06/30/01	Yes	
Participate in Basin Specific Meetings	11/30/01	Yes	
Participate in Final Public Meetings	10/31/02	Yes	
Install Methodologies or Models at Illinois EPA	10/31/02	No	

Comments: Final TMDLs were submitted to USEPA. Beaucoup, Bonnie, and Little Middy TMDLs were approved by USEPA on June 9, 2004. The original project was for ten watersheds at $624,557. Little Cache Cr. (ILADDB01) was discontinued due to new data indicating full support. Big Muddy R. (ILN14) was discontinued due to the impairment not having a water quality standard.

Project Reports and Other Informational Materials:

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA will develop Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within one (1) watershed on the 303(d) list through computer modeling. The watershed is also a Category 1 watershed in the Unified Watershed Assessment. For each watershed, computer models will be used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development will be documented. Modeling results will be used to support the development of implementation plans for TMDL attainment.

NPS Program: Monitoring/Evaluation

Project Location:

Waterbody Name (ID): Fox R. (ILCH01)

Subgrantee: Tetra Tech EM, Inc.
200 East Randolph Drive
Suite 400
Chicago, Illinois 60601

Project Period: 05/01/01 through 06/30/03

Total Project Cost:	$148,129.00	**Cumulative Expenditure:**	$111,096.75
Federal:	$148,129.00	**Federal:**	$111,096.75
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Interim Reports No. 1	07/31/01	Yes	
Watershed Interim Reports No. 2	08/31/01	Yes	
Watershed Interim Reports No. 3	05/31/02	Yes	
Watershed Final Reports	12/01/03	Yes	
Participate in a General Public Meeting	06/30/01	Yes	
Participate in Basin Specific Meetings	11/30/01	Yes	
Participate in Public Hearings	04/01/04	No	
Install Methodologies or Models at Illinois EPA	06/30/04	No	

Comments: Final public meeting held May 13, 2004; comment period closed June 12, 2004. Final TMDL will be sent to USEPA in summer 2004.

Project Reports and Other Informational Materials:

00-19(319)BY

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA will develop Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within one (1) watershed on the 303(d) list through computer modeling. The one (1) watershed is also a Category 1 watershed in the Unified Watershed Assessment. For each watershed, computer models will be used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development will be documented. Modeling results will be used to support the development of implementation plans for TMDL attainment.

NPS Program: Monitoring/Evaluation

Project Location:

Waterbody Name (ID): W. Br. DuPage R. (ILGBK05)

Subgrantee: CH2MHill
727 North First Street, Suite 400
St. Louis, Missouri 63102-2542

Project Period: 05/01/01 through 11/30/03

Total Project Cost:	$209,000.00	**Cumulative Expenditure:**	$187,000.00
Federal:	$209,000.00	**Federal:**	$187,000.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Interim Reports No. 1	07/31/01	Yes	
Watershed Interim Reports No. 2	08/31/01	Yes	
Watershed Interim Reports No. 3	11/20/02	Yes	
Watershed Final Reports	01/31/03	No	
Participate in a General Public Meeting	06/30/01	Yes	
Participate in Basin Specific Meetings	11/30/01	Yes	
Install Methodologies or Models at Illinois EPA	05/20/03	No	

Comments: Final TMDLA submitted to USEPA in May 2004. This project is not financed with Section 319 funding.

Project Reports and Other Informational Materials:

Title: Salt Creek Nonpoint Source Outreach & Education

Purpose: This project will develop a traveling education fair to educate the public about nonpoint source (NPS) pollution and the importance of protecting water quality in the Salt Creek watershed. These traveling education fairs will take place in three targeted communities. A start up kit of materials and resources will be compiled to provide assistance to other communities who would like to assemble and host their own education fair and creek clean up. The Salt Creek Watershed Network website located at www.saltcreekwatershed.org will be updated to include easy-to use formatting, design enhancements, more basic and technical content on NPS pollution and water quality appropriate to both less informed and more skilled users, more links, more conservation action, a kid-friendly section, and easier feedback interface.

NPS Program: Information/Education

Project Location: Cook County

Waterbody Name (ID): Salt Creek (ILGL09)

Subgrantee: Salt Creek Watershed Network
8738 Washington Avenue
Brookfield, Illinois 60513

Project Period: 01/15/04 through 07/15/05

Total Project Cost:	$51,671.00	**Cumulative Expenditure:**	$8,957.58
Federal:	$31,081.00	**Federal:**	$5,385.75
State and Local:	$20,590.00	**State and Local:**	$3,571.83

Project Milestone	Completion Date	Completed Yes/No	Comments
Select 3 Communities for Education Fairs	02/15/04	Yes	
Hold Education Fairs	09/01/04	No	3 event has been held.
Dates for Education Fairs	04/30/04	Yes	
Draft Agenda, List of Exhibitors, etc.	06/01/04	Yes	
Final Agenda, List of Exhibitors, etc.	08/01/04	Yes	
Draft Layout for Signage	04/15/04	Yes	
Final Layout for Signage	06/01/04	Yes	
Sample Start up Kit Materials	09/30/04	Yes	
Draft Website Layout	08/15/04	Yes	
Final Website Layout	10/31/04	Yes	
New Website Activated	12/15/04	Yes	
Draft Project Report	04/30/05	Yes	
Final Project Report	06/15/05	No	Progress is being made.

Comments:

Project Reports and Other Informational Materials:

FFY01 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Lake Branch WRAS (Nutrient Management Plan) Implementation

Purpose: The Lake Branch was a Category 1 watershed in the Unified Watershed Assessment. This project began implementation of the Lake Branch WRAS (Sugar Cr./Lake Branch Watershed Pilot Project). The Lake Branch Watershed was a 303d listed water in a portion of the state which has comparatively high number of livestock operations. Sources identified in the Illinois Water Quality Report 1998 Update listed moderate to high for feedlots. Waste Utilization Plans were developed for livestock producers in the Lake Branch Watershed that were not presently required to have a Comprehensive Nutrient Management Plans (CNMPs) under the NPDES permit program. Additionally technical support was supplied to design upgraded waste handling facilities for operations in need of this service. Operations in need of upgrades were eligible for cost share for the upgrade. The overall goal of this project was to demonstrate to producers that Waste Utilization Plans should be an integral component to their livestock operation. The project also included cost-share assistance to watershed landowners through the Illinois Department of Natural Resources' (IDNR) Conservation 2000 program to implement a variety of upland and floodplain best management practices (i.e., waterways, grade stabilization structures, vegetative filter strips). The upland and floodplain BMPs were funded through the State Conservation 2000 program administered by IDNR and used as match against Section 319 funding for Waste Utilization Plans and upgraded waste handling facilities.

NPS Program: Agriculture

Project Location: Clinton County

Waterbody Name (ID): Lake Branch (ILOHA01)

Subgrantee: Southwestern Illinois Resource Conservation & Development Area, Inc.
406 East Main
Mascoutah, Illinois 62258

Project Period: 01/01/02 through 07/15/05

Total Project Cost:	$890,208.60	**Cumulative Expenditure:**	$881,112.45
Federal:	$528,175.00	**Federal:**	$528,175.00
State and Local:	$362,033.60	**State and Local:**	$352.937.45

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Project Implementation Strategy	02/01/02	Yes	
Final Project Implementation Strategy	03/01/02	Yes	
Technical Assistance	07/15/04	Yes	
Pre-Construction Review Submittal	04/01/05	Yes	
Construct All BMPs	06/01/05	Yes	
Photo Documentation of BMP Construction	07/01/05	Yes	
Draft Project Report	06/01/05	Yes	
Final Project Report	07/01/05	Yes	
Sign Design	03/01/02	Yes	
Install Signs	04/01/02	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:
"Lake Branch Watershed Restoration Action Strategy (WRAS) Implementation." June 2005. Southwestern Illinois RC&D, Inc.

01-01(319)CD (JC)

Title: CREP & Watershed Management Education in Illinois

Purpose: This project will establish a partnership among Illinois EPA, Illinois Department of Natural Resources (IDNR), and University of Illinois to create two new jointly funded positions to address the information and education needs of various groups on CREP and watershed management. The primary audience will be staff from agencies and organizations whose responsibilities cover conservation programs and watershed management. Both programs will be used to assist individuals and basin/watershed groups in developing and implementing equitable, economically viable, resource-conserving strategies.

NPS Program: Information/Education

Project Location: Statewide

Waterbody Name (ID): Not Applicable

Subgrantee: The University of Illinois
801 South Wright Street
Champaign, Illinois 61820

Project Period: 06/01/01 through 06/30/05

Total Project Cost:	$598,881.00	**Cumulative Expenditure:**	$400,023.61
Federal:	$150,406.00	**Federal:**	$83,217.56
State and Local:	$448,475.00	**State and Local:**	$316,806.05

Project Milestone	Completion Date	Completed Yes/No	Comments
Job Description	06/01/01	Yes	
Hire Educators	07/15/01	Yes	
Draft CREP Fact Sheets 1 & 2	07/31/01	Yes	Previously submitted to USEPA.
Final CREP Fact Sheets 1 & 2	08/31/01	Yes	
CREP Fact Sheets Updates & Revisions	10/15/02	Yes	
Draft CREP Website Layout	01/31/02	Yes	
Final CREP Website Layout	02/28/02	Yes	Previously submitted to USEPA.
Post CREP Website	04/01/02	Yes	
1st Watershed Management Workshop	01/15/03	Yes	
2nd Watershed Management Workshop	05/15/04	Yes	
Draft Education Work Strategy	04/15/02	Yes	
Final Education Work Strategy	06/30/02	Yes	
Connecting Illinois Watersheds Conference	02/06/04	Yes	Previously submitted to USEPA.
Draft Report	06/01/05	No	
Final Report	07/15/05	No	
Identify Watershed for Pilot NEMO Program	09/15/04	Yes	
Draft NEMO Educational Materials	12/15/04	Yes	
Final NEMO Educational Materials	03/31/05	Yes	
Draft NEMO Enrollment Sheet	01/15/05	Yes	
Final NEMO Enrollment Sheet	04/15/05	Yes	

Comments:

Project Reports and Other Informational Materials:

Title: Salt Creek TMDL Implementation Plan Execution – Phase 1

Purpose: The Illinois EPA will begin executing the nonpoint source pollution control recommendations of the Salt Creek Total Maximum Daily Load (TMDL) implementation plan prepared with funding under the FFY1999 Section 319 grant. The project will stabilize 9,600 feet of eroding streambanks along Salt Creek in Elk Grove Village. Also, streambank, wetland, and upper buffer restoration techniques will be applied along the Middle Fork of Salt Creek located in the Village of Westchester to reduce erosion, enhance infiltration, reduce runoff volume and velocity, improve water quality, and enhance aquatic habitat. The project will also stabilize 1,500 feet eroding streambanks and establish a vegetative riparian buffer along Spring Brook Creek, a tributary of Salt Creek, located at the Spring Brook Nature Center in the Village of Itasca. A stormwater outfall discharging to Spring Brook Creek will be repaired and stabilized with a small wetland established at the outfall to further control erosion and filter stormwater before discharge to the creek. Finally, a vegetated swale (bio-filter or bio-retention) and a manufactured treatment system (oil and grit separators) will be constructed in Brookfield to receive and treat runoff from the municipal parking lot and the roof of the Village Hall before it discharges to Salt Creek. These practices will be designed to filter runoff to remove suspended sediment, heavy metals, oil and grease, nutrients, and volatile organic compounds.

NPS Program: Urban Stormwater & Hydrologic Modification

Project Location: Counties of Cook & DuPage

Waterbody Name (ID): Salt Creek (ILGL09)

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Period: 01/01/02 through 08/31/05

Total Project Cost:	$1,498,425.00	**Cumulative Expenditure:**	$766,949.57
Federal:	$925,935.00	**Federal:**	$476,558.08
State and Local:	$572,490.00	**State and Local:**	$290,391.49

Project Milestone	Completion Date	Completed Yes/No	Comments
Project Coordination	10/31/04	No	
Draft Education Work Strategy	05/01/02	Yes	
Final Education Work Strategy	06/01/02	Yes	
SALT CR. STREAMBANK STABILIZATION – ELK GROVE			
Draft Stabilization Design	06/01/02	Yes	Previously submitted to USEPA.
Final Stabilization Design	01/15/03	Yes	Previously submitted to USEPA.
Draft Permits & Agreements	02/15/03	Yes	
Final Permits & Agreements	03/01/03	Yes	
Stabilization Design Implementation	09/01/03	No	
Photo Documentation of Implementation	10/01/03	No	
Workshop Schedule & Agendas	10/01/03	Yes	
Complete Workshops	11/01/03	Yes	
Draft Newsletters	02/01/03	No	
Project Sign Designs	08/01/02	No	
Install Signs	09/01/03	No	
Draft Operation & Maintenance Plan	09/01/03	Yes	
Final Operation & Maintenance Plan	11/01/03	No	

Project Milestone	Completion Date	Completed Yes/No	Comments

SPRING BROOK CREEK DAYLIGHTING & STABILIZATION			
Draft Design	09/01/03	Yes	
Final Design	12/01/03	No	
Draft Permits & Agreements	02/01/03	No	
Final Permits & Agreements	10/01/02	No	
Design Implementation	07/01/04	No	
Photo Documentation of Implementation	09/01/04	No	
Project Sign Designs	08/01/02	Yes	
Install Signs	09/01/03	Yes	
Draft Operation & Maintenance Plan	09/01/03	No	
Final Operation & Maintenance Plan	08/01/04	No	
SALT CREEK HEADWATER RECOVERY PROJECT			
Draft Design	06/01/02	Yes	
Final Design	08/01/02	Yes	Previously submitted to USEPA.
Draft Permits & Agreements	08/01/02	Yes	
Final Permits & Agreements	10/01/02	Yes	
Design Implementation	09/01/03	Yes	
Photo Documentation of Implementation	10/01/03	No	
Plan for Brochure & Webpage	12/01/03	Yes	
Build & Post Webpage	01/01/04	Yes	
Publish & Distribute Brochure	01/01/04	Yes	
Project Sign Designs	08/01/02	Yes	
Install Signs	09/01/03	Yes	
Draft Operation & Maintenance Plan	09/01/03	No	
Final Operation & Maintenance Plan	08/01/04	No	
PARKING LOT RUNOFF POLLUTION PREVENTION			
Draft Design	08/01/02	Yes	
Final Design	10/01/02	Yes	
Draft Permits & Agreements	08/01/02	Yes	
Final Permits & Agreements	10/01/02	Yes	
Design Implementation	05/30/04	Yes	
Photo Documentation of Implementation	06/15/04	No	
Draft Workshop Agenda, etc.	04/01/04	No	
Final Workshop Agenda, etc.	05/30/04	No	
Hold Workshop	08/01/04	No	
Educational Signage Plan	03/15/04	Yes	
Construct & Install Signage	06/01/04	No	
Draft Operation & Maintenance Plan	09/01/03	No	
Final Operation & Maintenance Plan	08/01/04	No	
Draft Salt Cr. TMDL Plan Execution Report	08/01/04	No	
Final Salt Cr. TMDL Plan Execution Report	10/01/04	No	

Comments:

Project Reports and Other Informational Materials:

"Salt Creek Watershed." (map brochure) 2004. Salt Creek Watershed Network & Northeastern Illinois Planning Commission.

"Salt Creek – A Resource Worth Preserving. Best Management Practices for Reducing Non-Point Source Pollution." June, 2004. Salt Creek Watershed Network & Northeastern Illinois Planning Commission.

"Salt Creek – A Resource Worth Preserving. Guide for Funding Watershed Improvements and Projects." June, 2004. Salt Creek Watershed Network & Northeastern Illinois Planning Commission.

http://www.savetheprairiesociety.org/WRPheadwater/index.html

"Salt Creek Headwater Recovery Project…at Wolf Road Prairie." (brochure) 2004 Save the Prairie Society.

01-14(319)SR

Title: Governor Bond Lake TMDL Implementation Plan Execution – Phase 1

Purpose: The Illinois EPA will begin executing the nonpoint source pollution control recommendations of the Governor Bond Lake Total Maximum Daily Load (TMDL) implementation plan. Three rural stormwater wetlands will be constructed on tributaries to Governor Bond Lake to improve water quality, remove suspended and soluble nonpoint source pollutants, enhance habitat and aesthetics, and improve water retention and other beneficial hydrologic functions.

NPS Program: Agriculture & Hydrologic Modification

Project Location: Bond County

Waterbody Name (ID): Governor Bond Lake (ILROP)

Subgrantee: City of Greenville
404 South 3rd Street
Greenville, Illinois 62246

Project Period: 03/01/02 through 02/28/06

Total Project Cost:	$400,000.00	**Cumulative Expenditure:**	$365,157.61
Federal:	$235,221.00	**Federal:**	$215,442.99
State and Local:	$164,779.00	**State and Local:**	$149,714.62

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	07/01/02	Yes	
Final Design Specifications	10/01/02	Yes	
Draft Permits & Landowner Agreements	07/01/02	Yes	
Final Permits & Landowner Agreements	10/01/02	Yes	
Design Implementation	01/01/06	No	
Photo Documentation of Construction	02/28/06	No	
Project Sign Designs	10/01/02	Yes	
Install Signs	05/31/04	Yes	
Draft Operation & Maintenance Plan	10/15/03	Yes	
Final Operation & Maintenance Plan	12/01/03	Yes	
Draft Final Report	01/15/06	No	
Final Report	02/28/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Fourth Ward Yard Nonpoint Source Pollution Control Demonstration

Purpose: This project will construct a bioretention area, dry-well catch basin, and infiltration drainfield to reduce and treat stormwater runoff. The site will be used as a demonstration site for City of Chicago Department of Environment, Department of Transportation staff.

NPS Program: Urban Runoff & Information/Education

Project Location: Cook County

Waterbody Name (ID): South Br. Chicago River (ILHC01)

Subgrantee: City of Chicago
30 N. LaSalle
Chicago, Illinois 60602

Project Period: 09/30/04 through 09/30/06

Total Project Cost:	$41,666.67	**Cumulative Expenditure:**	$0.00
Federal:	$25,000.00	**Federal:**	$0.00
State and Local:	$16,666.67	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
BMP Designs	12/31/04	Yes	
Complete Installation of BMPs	05/30/06	No	
Photographic Documentation of Construction	06/30/06	No	
Draft Sign Design	01/31/05	Yes	
Final Sign Design	02/28/05	Yes	
Install Sign	05/30/06	No	
Draft Report	06/30/06	No	
Final Report	08/30/06	No	

Comments:

Project Reports and Other Informational Materials:

01-18(319)CD

Title: Lake Paradise Wetland Restoration Project

Purpose: The project will restore a total of twelve (12) acres of wetlands adjacent to Lake Paradise to reduce erosion and nonpoint source pollution, and improve water quality through the installation of environmentally sound practices while protecting or enhancing aquatic habitat and aesthetic qualities. This project implements recommendations of a Phase 1 Diagnostic /Feasibility Study that was completed for Lake Paradise.

NPS Program: Hydrologic Modification

Project Location: Coles County

Waterbody Name (ID): Lake Paradise (ILRCG)

Subgrantee: City of Mattoon
208 N. 19th Street
Mattoon, Illinois 61938-2838

Project Period: 07/15/04 through 08/31/06

Total Project Cost:	$250,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$250,000.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	11/01/04	No	
Final Design Specifications	01/01/05	No	
Draft Permits & Landowner Agreements	11/01/04	No	
Final Permits & Landowner Agreements	01/01/05	No	
Design Implementation	05/01/06	No	
Photographic Documentation of Construction	06/01/06	No	
Sign Designs	01/01/05	No	
Install Signs	05/01/06	No	
Draft Operation & Maintenance Plan	05/01/06	No	
Final Operation & Maintenance Plan	08/31/06	No	
Draft Project Report	07/01/06	No	
Final Project Report	08/31/06	No	

Comments:

Project Reports and Other Informational Materials:

FFY01 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS)

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA will develop Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within selected watersheds on the 303(d) list through computer modeling. For each watershed, computer models will be used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development will be documented. Modeling results will be used to support the development of implementation plans for TMDL attainment.

NPS Program: Monitoring/Evaluation

Project Location:

Waterbody Name (ID): ILDAG01 (Palmyra-Modesto, Hodges Cr., Otter, Hettick), ILOIL01 (Glen Shoals, Hillsboro Old), ILBPG09 (Vermilion, N. Fk. Vermilion R.), ILCA03 (Skillet Fk. Cr.), ILDA04 (Carlinville, Macoupin Cr. Briar Cr., Beaver Dam), ILBM02 (Paris Twin East & West, Sugar Cr.), ILDK17 (Evergreen, Mackinaw R. Six Mile Cr., Turkey Cr.), ILOKA01 (N. Fk. Kaskaskia R.), ILBEZX01 (Oakland, Walnut Point), ILODL02 Highland Silver), ILBPJ03 (Salt Fk. Vermilion R., Homer), ILD04 (Mauvaisse Terre R.), ILBO07 (Little Vermilion R.), ILC19 (Little Wabash R.)

Subgrantee: Tetra Tech; Limno Tech; & Camp, Dresser, & McKee

Project Period: 06/30/03 through 06/30/05

Total Project Cost:	$951,500.00	**Cumulative Expenditure:**	$0.00
Federal:	$951,500.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Interim Reports No. 1	TBA	No	Public notice on 06/01/03.
Watershed Interim Reports No. 2	TBA	No	
Watershed Interim Reports No. 3	TBA	No	
Watershed Final Reports	12/31/04	No	
Participate in a General Public Meeting	TBA	No	
Participate in Basin Specific Meetings	TBA	No	
Participate in Public Hearings	TBA	No	
Install Methodologies or Models at Illinois EPA	TBA	No	

Comments:

Project Reports and Other Informational Materials:

01-15(319)BY

Title: Watershed Based Planning Assistance

Purpose: This project will produce an updated version of the Illinois EPA's draft "Guidance for Developing Watershed Implementation Plans in Illinois." The Watershed Implementation Plan (WIP) guidance shall be revised so that it is consistent with the USEPA watershed based plan guidance dated August 26, 2003 (as revised), total maximum daily load (TMDL) implementation plan requirements, and current watershed planning principles. Other revisions will be made to improve the format, content, or presentation of information contained within the WIP guidance. A minimum of two (2) workshops will be held in northeastern Illinois and one (1) workshop in central Illinois to provide technical assistance to entities (local governments, soil and water conservation districts, planning committees, businesses, volunteer organizations, etc.) interested in undertaking comprehensive watershed management initiatives in Illinois. At the workshops, information will be provided to assist these entities with the development of "watershed based plans" and Watershed Implementation Plans (WIPs) and educate them about the updated WIP guidance document, USEPA watershed based plan guidance, total maximum daily load (TMDL) implementation plan requirements, and current watershed planning principles. The workshops shall also address the various forms of nonpoint source pollution, their impacts on the environment, methods for reducing nonpoint source pollution, and the importance of water quality protection.

NPS Program: All Categories

Project Location: Cook County

Waterbody Name (ID): Not Applicable

Subgrantee: Northeastern Illinois Planning Commission
Suite 1800, 222 Riverside Plaza
Chicago, Illinois 60606-6097

Project Period: 01/01/04 through 04/30/05

Total Project Cost:	$94,683.00	**Cumulative Expenditure:**	$24,463.96
Federal:	$94,683.00	**Federal:**	$24,463.96
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft WIP Guidance Revision	04/01/04	No	
Final WIP Guidance Revision	08/01/04	No	
4,000 Paper Copies & PRF	09/01/04	No	
Distribution Strategy	08/01/04	No	
Distribute WIP Revision	10/31/04	No	
Workshop Agendas	09/01/04	No	
Hold All Workshops	03/31/05	No	

Comments:

Project Reports and Other Informational Materials:

01-17(319)AW

Title: Brewster Creek Monitoring Project

Purpose: This project will continue the monitoring and assessment activities initiated under Financial Assistance Agreement Number 3190108 to demonstrate the effectiveness of the stream restoration and dam removal techniques implemented on Brewster Creek. Stream flow, sediment, geomorphic, and rainfall data will be collected. Sediment delivery and hydraulic conveyance shall be monitored and evaluated so as to document water quality responses to the gradual dam removal technique. The monitoring program shall be designed to establish criteria on sediment delivery and hydraulic conveyance for the gradual removal of dams in northeastern Illinois. Furthermore, the project will evaluate which field and laboratory methods will determine sediment compaction and stability when lake and sediment water levels are reduced by the gradual removal of the dam. The monitoring program shall include an assessment of sediment stability based upon existing data and newly gathered sediment data (i.e., sediment moisture and grain size). This aspect of the monitoring program shall be designed to evaluate the stability of the restored channel in Brewster Creek and the minimization of suspended sediment concentrations from the evolving stream channel when dams are gradually reduced. For this purpose, the project will also involve a literary search of sediment stability data in dam removal projects and the field collection of sediment samples at possible dam removal projects in the Chicago area.

NPS Program: Hydrologic Modification & Monitoring/Evaluation

Project Location: Kane County

Waterbody Name (ID): Brewster Creek (ILDT38)

Subgrantee: Kane County Department of Environmental Management
719 Batavia Avenue
Geneva, Illinois 60134

Project Period: 08/13/04 through 03/01/07

Total Project Cost:	$190,000.00	**Cumulative Expenditure:**	$95,750.00
Federal:	$190,000.00	**Federal:**	$95,750.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Complete All Monitoring	11/01/06	No	
Diskette of First Year Data	01/01/06	No	
Diskette of Second Year Data	03/01/07	No	
First Year Annual Report	01/01/06	No	
Second Year Annual Report	03/01/07	No	

Comments:

Project Reports and Other Informational Materials:

Title: Brewster Creek Restoration Project

Purpose: This project will implement stream restoration activities on Brewster Creek located at the YWCA camp in Elgin, Illinois to reduce nonpoint source pollution and enhance aquatic habitat. The proposed activities and modifications will include 1) installation of a small control structure (i.e., stone riffle) to prevent excessive headcut of the channel, 2) installation of a stabilized stream access point and biotechnical streambank stabilization techniques along eroding sections of Brewster Creek, 3) overland access restoration and boardwalk replacement for construction access, and 4) implementation of wetland restoration measures (clearing or herbicide application to remove non-native or undesirable vegetation, controlled burns, re-vegetation with native wetland plugs and seed) along Brewster Creek.

NPS Program: Hydrologic Modification & Monitoring/Evaluation

Project Location: Kane County

Waterbody Name (ID): Brewster Creek (ILDTZO01)

Subgrantee: Kane County Department of Environmental Management
719 Batavia Avenue
Geneva, Illinois 60134

Project Period: 07/13/05 through 07/15/07

Total Project Cost:	$123,500.00	**Cumulative Expenditure:**	$0.00
Federal:	$123,500.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	08/01/06	No	
Final Design Specifications	09/01/06	No	
Draft Permits & Landowner Agreements	08/01/06	No	
Final Permits & Landowner Agreements	09/01/06	No	
Design Implementation	05/01/07	No	
Photographic Documentation of Construction	06/01/07	No	
Draft Workshop Agenda, etc	01/01/07	No	
Final Workshop Agenda, etc	04/01/07	No	
Hold Workshop	06/01/07	No	
Educational Signage Plan	01/01/07	No	
Construct & Install Educational Signage	05/01/07	No	
Project Sign Designs	09/01/06	No	
Install Project Signs	05/01/07	No	
Draft Operation & Maintenance Plan	09/01/06	No	
Final Operation & Maintenance Plan	07/15/07	No	
Draft Project Report	06/01/07	No	
Final Project Report	07/15/07	No	

Comments:

Project Reports and Other Informational Materials:

FFY02 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Nutrient Management Plan Implementation – Phase 2

Purpose: This project will demonstrate to producers that Nutrient Management Plans should be an integral component to their farming operation. Producers will be provided with an incentive payment to follow (not exceed) the nitrogen rate, timing, and application guidelines established by the University of Illinois within watersheds identified as having nitrate impaired waters. The short-term goal is to increase the number of acres managed according to nutrient management plans in the selected watersheds. The long-term goal is to maintain the number of acres managed with nutrient management plans in these watersheds after the project ends and to be able to demonstrate to other producers in the State the value of nutrient management planning. This project is a continuation of the effort initiated with Section 319 funding under FFY 2000. Traditional soil erosion control practices will also be implemented under this project. The project will also use aerial GPS video mapping to assess stream channel conditions within selected TMDL watersheds. The assessment data will be used for effective planning for the implementation of conservation practices within TMDL watersheds for water quality protection and improvement.

NPS Program: Agriculture

Project Location: Statewide

Waterbody Name (ID): Statewide

Subgrantee: Illinois Department of Agriculture
State Fairgrounds, P.O. Box 19281
Springfield, Illinois 62794-9281

Project Period: 01/01/03 through 12/31/05

Total Project Cost:	$1,000,000.00	**Cumulative Expenditure:**	$205,729.62
Federal:	$500,000.00	**Federal:**	$81,561.05
State and Local:	$500,000.00	**State and Local:**	$124,168.57

Project Milestone	Completion Date	Completed Yes/No	Comments
Nutrient Management Plans	12/01/05	No	10,422 acres implemented.
BMP Application Forms	12/01/05	No	
Aerial Assessment DVDs	12/01/04	Yes	
Aerial Assessment Draft Report	12/01/04	No	2 completed.
Aerial Assessment Final Report	12/01/04	No	2 completed.
Draft Final Report	12/01/05	No	
Final Report	12/31/05	No	

Comments:

Project Reports and Other Informational Materials:

02-02(319)AW (JC)

Title: Livestock Winter Feed Stations Demonstrations

Purpose: This project acted as a model for livestock operations throughout the state by creating "winter feed stations" that assist in the reduction of nonpoint source pollutants caused by the concentrated animal densities typically associated with winter feeding. The stations included downspouts and gutters, heavy use area protection, stacking areas, water storage/control structures, and water level drawdown/re-filling. One 30 head and two 60 head feed stations were constructed in different locations and included manure storage. This practice reduced the number of locations that farmers have to occupy during wet a wet season to feed and manage their herd. The practice provided stabilized feeding areas to minimize erosion that in combination with the dry stacked waste also reduces the runoff and leaching of nutrients. The perimeter of the feed station was designed to accept this traffic through the use of geofabric and gravel to handle the herd and reduce ground destruction and material loss. The design, construction, and benefits of the stations were documented in a final report and an educational booklet.

NPS Program: Agriculture

Project Location: Counties of Madison & Clinton

Waterbody Name (ID): Sugar Creek (ILOH05)

Subgrantee: Southwestern Illinois Resource Conservation & Development Area
406 East Main
Mascoutah, Illinois 62258

Project Period: 07/01/02 through 01/31/05

Total Project Cost:	$101,353.00	**Cumulative Expenditure:**	$101,353.00
Federal:	$58,343.00	**Federal:**	$58,343.00
State and Local:	$43,010.00	**State and Local:**	$43,010.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Site Recommendations	10/01/02	Yes	
Provide Technical Assistance	12/31/04	Yes	
Site Specific Design	07/01/03	Yes	
Waste Utilization & Pasture Management Plans	07/01/03	Yes	
Landowner Agreement & Permits	07/01/03	Yes	
Pre-Construction Review submittal	07/01/03	Yes	
Construct All 4 Stations	12/01/04	Yes	
Photographic Documentation of Construction	03/01/04	Yes	
Sign Design	11/01/03	Yes	
Install Signs	11/30/03	Yes	
Final Booklet	12/01/04	Yes	Submitted to USEPA with this report.
Submit Station Documentation to NRCS	04/01/04	Yes	
Final Project Report	01/01/05	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Livestock Winter Feed Stations – A Feed and Waste Management Structure Designed to Improve Water Quality." 2004. Southwestern Illinois Resource Conservation & Development Area.

02-03(319)CD

Title: Green Roof System to Reduce Urban Runoff

Purpose: This project addressed urban runoff nonpoint source impacts to Salt Creek and demonstrated innovative, infiltration based stormwater management approaches for highly impervious areas. A "green roof" system was designed and constructed on the Conservation Design Forum's office building to reduce runoff and pollutant loading and serve as a prototypical green roof to educate local communities and businesses about this management practice. A green roof was constructed on each of the three separate roofs on the CDF building and incorporated distinctly different designs (i.e., different thickness, growing media size, vegetation. etc.). Measurement equipment was installed to quantify reductions in runoff volume. The project also included an educational component involving tours and brochures. Salt Creek is a Category 1 watershed in the Unified Watershed Assessment and a TMDL and implementation plan is near completion.

NPS Program: Urban Runoff & Information/Education

Project Location: DuPage County

Waterbody Name (ID): Salt Creek (ILGL09)

Subgrantee: Conservation Design Forum
375 West First Street
Elmhurst, Illinois 60126

Project Period: 05/01/02 through 12/31/04

Total Project Cost:	$352,538.00	**Cumulative Expenditure:**	$380,706.15
Federal:	$211,523.00	**Federal:**	$209,520.29
State and Local:	$141,015.00	**State and Local:**	$171,185.86

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Roof Designs	10/01/02	Yes	
Final Roof Resigns	01/01/03	Yes	Previously submitted to USEPA.
Draft Landowners Agreement	10/01/02	Yes	
Final Landowners Agreement	01/01/03	Yes	
Complete Construction	05/31/04	Yes	
Photographic Documentation of Construction	12/01/04	Yes	
Draft Brochures	05/30/04	Yes	
Final Brochures	07/31/04	Yes	
Complete 2 Tours	09/30/04	Yes	
Draft Presentation	05/31/04	Yes	
Final Presentation	08/31/04	Yes	
Complete 2 Meeting Presentations	09/30/04	Yes	
Draft O & M Plan	05/31/04	Yes	
Final O & M Plan	06/30/04	Yes	
Draft Report	09/30/04	Yes	
Final Report	12/31/04	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

"A Green Roof Comparison Project: by Conservation Design Forum: Green Roof System to Reduce Urban Runoff – Final Report." January 2005. Conservation Design Forum.

02-04(319)ST

Title: NPS Program Implementation Assistance

Purpose: The Association of Illinois Soil and Water Conservation Districts (AISWCD) shall dedicate one full time staff equivalent to act as a liaison between the AISWCD and the Illinois EPA. The AISWCD will assist the Illinois EPA in implementing Illinois' Nonpoint Source Management Program. The liaison will provide educational, informational and technical assistance to Soil and Water Conservation Districts (SWCDs), agricultural producers and other interested parties to help them better understand programs implemented under Sections 319(h), 305(b) and 303(d) of the Clean Water Act. The liaison will encourage SWCDs and producers to participate in watershed planning and nutrient management planning where appropriate. A minimum of three watershed planning processes is to be started (or continued) during the first year of this contract and four the second year. The results of this planning will include a watershed based plan that meets USEPA's nine minimum elements. The liaison will act as a coordinating mechanism for the delivery of federal/state water quality related programs (i.e. EQIP, CPP, SSRP, CREP, 319 and ICLP). The liaison will advertise programs, give talks, meet with landowners and act as a tool to spread the word about how each of these programs can benefit water quality. The liaison will act as an overall facilitator for water quality coordination between SWCDs, Illinois EPA and other state/federal agencies.

NPS Program: Information/Education

Project Location: Statewide

Waterbody Name (ID): Not Applicable

Subgrantee: Association of Illinois Soil & Water Conservation Districts
2520 Main Street
Springfield, Illinois 62702

Project Period: 11/01/03 through 10/31/06

Total Project Cost:	$202,500.00	**Cumulative Expenditure:**	$151,875.00
Federal:	$160,000.00	**Federal:**	$120,000.00
State and Local:	$42,500.00	**State and Local:**	$31,875.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Year 1 Watersheds Identified	02/01/04	Yes	Contracts being developed.
Year 1 Planning Committees Established	05/01/04	No	Progress is being made.
Year 2 Watersheds Identified	01/01/05	Yes	
Year 2 Planning Committees Established	03/01/05	No	Progress is being made.
Draft Project Report	07/01/06	No	
Final Project Report	10/01/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Conservation Reserve Enhancement Program (CREP) Assistance

Purpose: The Association of Illinois Soil & Water Conservation District (AISWCD) subcontracted with eleven (11) SWCDs to hire staff to facilitate the enrollment process of the Conservation reserve Enhancement Program (CREP) by setting appointments with producers to discuss CREP and conduct field visits to determine program eligibility. The SWCDs completed the Conservation Reserve Program - 2 form, type the Conservation Plan of Operations, obtained the necessary producer signatures on required documents, and completed all state CREP enrollment forms. The SWCDs coordinated activities associated with land surveys, producer signatures on easements, and recording easements with the local abstract office. Field assistance was provided to the survey and design teams as well as construction assistance by evaluating the construction expenses and completing form AD-862.

NPS Program: Agriculture

Project Location: Counties of Cass, Schuyler, McDonough, Hancock, Peoria, Tazewell, Fulton, Knox, Bureau, Marshall, Putnam, Sangamon, Menard, Christian, Shelby, Montgomery, Grundy, LaSalle, Kankakee, Iroquois, Morgan, Scott, and Greene, & Macoupin

Waterbody Name (ID): Not Applicable

Subgrantee: Association of Illinois Soil & Water Conservation Districts
2520 Main Street
Springfield, Illinois 62702

Project Period: 06/01/02 through 05/31/05

Total Project Cost:	$800,000.00	**Cumulative Expenditure:**	$787,326.26
Federal:	$340,000.00	**Federal:**	$274,052.05
State and Local:	$500,000.00	**State and Local:**	$513,274.21

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Subcontracts	06/01/02	Yes	
Final Subcontracts	08/01/02	Yes	
Hire Employees	09/01/02	Yes	10 employees for 18 counties currently.
Employee Names & Qualifications	10/01/02	Yes	
Facilitate CREP Enrollment	05/31/05	Yes	
Progress Reports	05/31/05	Yes	

Comments:

Project Reports and Other Informational Materials:

02-07(319)BL (JC)

Title: Priority Lake & Watershed Implementation Program

Purpose: Section 319 funding will be used to supplement the existing State funded (Conservation 2000) Priority Lake and Watershed Implementation Program (PLWIP). PLWIP is a reimbursement grant program designed to support lake protection, restoration, and enhancement activities at "priority" lakes where causes and sources of problems are apparent, project sites are highly accessible, project size is relatively small, and local entities are in a position to quickly implement needed treatments. Funding is provided for in-lake BMPs (i.e., shoreline stabilization, aerator/destratifier installation) and near-lake BMPs (i.e., dry dams, filter strips) that reduce nonpoint source pollution or mitigate their impacts. The first round of PLWIP projects will stabilize eroding shorelines of Glen Shoals Lake (1,000 feet at $35,000), Royal Lakes (895 feet at $44,000), Lake Carlinville (275 feet at $10,000), Kinkaid Lake (1,850 feet at $40,000), and Herrin Old Lake (200 feet at $16,000). Also, dredging ($40,000) will be done on Charlie Brown Lake and a sediment basin ($40,000) will be constructed for Veteran's Park Lake. A second round of PLWIP projects will install a new dam and spillway at Marine Reservoir ($40,000), install rip rap at Governor Bond Lake ($27,450), dredge Drost Park Lake ($40,000), repair spillway and stabilize 300 feet of shoreline at Salem Reservoir ($40,000), continue dredging Charley Brown Lake ($37,550), and stabilize 600 feet of shoreline at Evergreen Lake ($40,000).

NPS Program: Hydrologic Modification & Agriculture

Project Location: Counties of Montgomery, Macoupin, Williamson, Clay, Jefferson, Madison, Bond, Marion, & McLean.

Waterbody Name (ID): Glen Shoals Lake (ILROL), Royal Lakes (ILUDZL), Lake Carlinville (ILRDG), Kinkaid Lake (ILRNC), Herrin Old Lake (ILRNZD), Charlie Brown Lake (ILRCV), Veteran's Park Lake (ILSNC), Marine Reservoir, Governor Bond Lake, Drost Park Lake, Salem Reservoir, Evergreen Lake

Subgrantee: TBA

Project Period: 02/01/03 through 11/01/05

Total Project Cost:	$335,417.00	**Cumulative Expenditure:**	$252,757.76
Federal:	$201,250.00	**Federal:**	$143,450.00
State and Local:	$134,167.00	**State and Local:**	$109,307.76

Project Milestone	Completion Date	Completed Yes/No	Comments
GLEN SHOALS SHORELINE STABILIZATION			
Final Design	03/01/03	Yes	
Complete Construction	10/01/03	Yes	
Photo Documentation of Construction	12/31/03	Yes	
Install Project Sign	02/01/03	Yes	
Final Operation & Maintenance Plan	03/01/03	Yes	
Final Report	12/31/03	Yes	
ROYAL LAKES SHORELINE STABILIZATION			
Final Design	03/01/03	Yes	
Complete Construction	10/01/03	Yes	
Photo Documentation of Construction	12/31/03	Yes	
Install Project Sign	02/01/03	Yes	
Final Operation & Maintenance Plan	03/01/03	Yes	
Final Report	12/31/03	Yes	

Project Milestone	Completion Date	Completed Yes/No	Comments
LAKE CARLINVILLE SHORELINE STABILIZATION			
Final Design	03/01/03	Yes	
Complete Construction	10/01/03	Yes	
Photo Documentation of Construction	12/31/03	Yes	
Install Project Sign	02/01/03	Yes	
Final Operation & Maintenance Plan	03/01/03	Yes	
Final Report	12/31/03	Yes	
KINKAID LAKE SHORELINE STABILIZATION			
Final Design	03/01/03	Yes	
Complete Construction	10/01/03	Yes	
Photo Documentation of Construction	12/31/03	Yes	
Install Project Sign	02/01/03	Yes	
Final Operation & Maintenance Plan	03/01/03	Yes	
Final Report	12/31/03	Yes	
HERRIN OLD LAKE SHORELINE STABILIZATION			
Final Design	03/01/03	Yes	
Complete Construction	10/01/03	Yes	
Photo Documentation of Construction	12/31/03	Yes	
Install Project Sign	02/01/03	Yes	
Final Operation & Maintenance Plan	03/01/03	Yes	
Final Report	12/31/03	Yes	
CHARLIE BROWN LAKE DREDGING			
Final Design	03/01/03	Yes	
Complete Construction	10/01/03	Yes	
Photo Documentation of Construction	12/31/03	Yes	
Install Project Sign	02/01/03	Yes	
Final Operation & Maintenance Plan	03/01/03	Yes	
Final Report	12/31/03	Yes	
VETERAN'S PARK LAKE SEDIMENT BASIN			
Final Design	03/01/03	Yes	
Complete Construction	10/01/03	Yes	
Photo Documentation of Construction	12/31/03	Yes	
Install Project Sign	02/01/03	Yes	
Final Operation & Maintenance Plan	03/01/03	Yes	
Final Report	12/31/03	Yes	
MARINE RESERVOIR DAM & SPILLWAY			
Final Design	03/01/04	Yes	
Complete Construction	11/01/05	No	
Photo Documentation of Construction	11/01/05	No	
Install Project Sign	03/01/04	Yes	
Final Operation & Maintenance Plan	03/01/04	Yes	
Final Report	11/01/05	No	
GOVERNOR BOND SHORELINE STABILIZATION			
Final Design	03/01/04	Yes	
Complete Construction	11/01/05	Yes	
Photo Documentation of Construction	11/01/05	Yes	
Install Project Sign	03/01/04	Yes	
Final Operation & Maintenance Plan	03/01/04	Yes	
Final Report	11/01/05	Yes	
DROST PARK LAKE DREDGING			
Final Design	03/01/04	Yes	
Complete Construction	11/01/05	Yes	
Photo Documentation of Construction	11/01/05	Yes	
Install Project Sign	03/01/04	Yes	
Final Operation & Maintenance Plan	03/01/04	Yes	
Final Report	11/01/05	Yes	

Project Milestone	Completion Date	Completed Yes/No	Comments
SALEM RESERVOIR SPILLWAY & SHORELINE STABILIZATION			
Final Design	03/01/04	Yes	
Complete Construction	11/01/05	No	
Photo Documentation of Construction	11/01/05	No	
Install Project Sign	03/01/04	Yes	
Final Operation & Maintenance Plan	03/01/04	Yes	
Final Report	11/01/05	No	
CHARLIE BROWN LAKE DREDING			
Final Design	03/01/04	Yes	
Complete Construction	11/01/05	Yes	
Photo Documentation of Construction	11/01/05	Yes	
Install Project Sign	03/01/04	Yes	
Final Operation & Maintenance Plan	03/01/04	Yes	
Final Report	11/01/05	Yes	
EVERGREEN LAKE SHORELINE STABILIZATION			
Final Design	03/01/04	Yes	
Complete Construction	11/01/05	No	
Photo Documentation of Construction	11/01/05	No	
Install Project Sign	03/01/04	Yes	
Final Operation & Maintenance Plan	03/01/04	Yes	
Final Report	11/01/05	No	

Comments:

Project Reports and Other Informational Materials:

Title: Vandalia Lake WQ Information & Education

Purpose: A total of six watershed newsletters will be developed and published over the course of the Agreement Period and mailed to all the farmers in the Vandalia Lake watershed, the Vandalia Lake residents, and the residents of the City of Vandalia, various local libraries, school libraries and the Illinois EPA. A Geographic Information System (GIS) study will be conducted and GIS overlays developed of the Watershed, depicting land use, soils (including location of all sodium soils), topography, and erosion potential. The Fayette County Soil & Water Conservation District will plan, coordinate, and hold a Lake Awareness day for all the fifth and sixth graders in the Vandalia School District. This event will educate the youth on the importance of improving water quality and reducing non-point source pollution in the Watershed. A Nutrient Management Workshop (Workshop) will also be organized and held for the landowners in the watershed.

NPS Program: Information/Education

Project Location: Fayette County

Waterbody Name (ID): Vandalia Lake (ILROD)

Subgrantee: Fayette County Soil & Water Conservation District
301 South Third Street
Vandalia, Illinois 62471

Project Period: 05/01/03 through 05/31/05

Total Project Cost:	$13,294.00	**Cumulative Expenditure:**	$12,673.04
Federal:	$7,976.40	**Federal:**	$7,603.82
State and Local:	$5,317.60	**State and Local:**	$5,069.22

Project Milestone	Completion Date	Completed Yes/No	Comments
Newsletter Timetable	06/01/03	Yes	
Six Newsletters	05/31/05	Yes	
Draft Report of GIS Study	07/01/03	Yes	
Final Report of GIS Study	08/01/03	Yes	
Draft GIS Overlays	08/30/03	Yes	
Final GIS Overlays	09/30/03	Yes	Previously submitted to USEPA.
Lake Awareness Day Date & Location	08/15/03	Yes	
Lake Awareness Day Draft Itinerary	09/15/03	Yes	
Lake Awareness Day Final Itinerary	10/15/03	Yes	
Nutrient Management Workshop Date & Location	11/15/03	Yes	
Nutrient Management Workshop Draft Agenda	12/31/03	Yes	Previously submitted to USEPA.
Draft Project Report	04/01/05	No	
Final Project Report	05/31/05	No	

Comments:

Project Reports and Other Informational Materials:

Title: Ravinia Neighbors Association Sewer Stencil

Purpose: The Ravinia Neighbors Association coordinated a storm drain stencil project to educate the citizens of Highland Park, Illinois about urban nonpoint pollution and how to reduce urban nonpoint source pollution within this community. A stenciling event was held on the five Saturdays during the month of May in 2003 and 2004. A Storm Drain Data Card was created and filled out for all storm drains that were stenciled. The data cards included a description of the area that surrounds the storm drain to be stenciled and identified all the possible nonpoint source pollutants within six feet of each side of the storm drains.

NPS Program: Information/Education & Urban Stormwater

Project Location: Lake County

Waterbody Name (ID):

Subgrantee: Ravinia Neighbors Association
P.O. Box 804
Highland Park, Illinois 60035

Project Period: 04/01/03 through 03/31/05

Total Project Cost:	$8,168.00	**Cumulative Expenditure:**	$6,922.89
Federal:	$4,901.00	**Federal:**	$4,153.73
State and Local:	$3,267.00	**State and Local:**	$2,769.16

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Stencils	04/30/03	Yes	
Hold 1st Event	06/01/03	Yes	
Hold 2nd Event	06/01/04	Yes	
Draft Storm Drain Stencil Data Card	04/15/03	Yes	
Copies of all Data Cards for 1st Event	08/01/03	Yes	
Copies of all Data Cards for 2nd Event	08/01/04	Yes	
Draft Final Report	02/01/05	Yes	
Final Report	03/31/05	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

Title: Secret Agent Worm Website

Purpose: This project will develop and place on-line (linked to Illinois EPA's website) an interactive website based on the "Secret Agent Worms" book series to help children understand nonpoint source pollution, its causes, sources, and solutions.

NPS Program: Information/Education

Project Location: Statewide

Waterbody Name (ID): Not Applicable

Subgrantee: The University of Illinois
801 South Wright Street
Champaign, Illinois 61820

Project Period: 09/17/04 through 06/30/06

Total Project Cost:	$212,104.00	**Cumulative Expenditure:**	$0.00
Federal:	$125,952.00	**Federal:**	$0.00
State and Local:	$86,152.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Homepage Text & Narratives	07/15/04	Yes	
Homepage Draft Design	08/01/04	Yes	
Homepage Final Design	08/01/05	No	
Teaching/Promotion Page Text & Narratives	09/01/04	Yes	
Teaching/Promotion Page Draft Design	10/31/04	Yes	
Teaching/Promotion Page Final Design	08/31/05	No	
Interactive Entrance Page Text & Narratives	11/15/04	Yes	
Interactive Entrance Page Draft Design	05/31/05	Yes	
Interactive Entrance Page Final Design	09/15/05	No	
Activities Page Text & Narratives	12/31/04	Yes	
Activities Page Draft Design	02/28/05	Yes	
Activities Page Final Design	10/31/05	No	
Website Testing	01/01/06	No	
Website goes live	03/31/06	No	
Draft Project Report	05/15/06	No	
Final Project Report	06/30/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Manure Management Workbook

Purpose: This project will revise, edit and standardize existing Microsoft Word/Excel files into a workbook format, print 1,000 copes of the workbook, and produce a CD version of the workbook. Three workshops will be held to educate individuals on how to best use the Manure Management Workbook.

NPS Program: Information/Education

Project Location: Statewide

Waterbody Name (ID): Not Applicable

Subgrantee: Board of Trustee of University of Illinois
109 Coble Hall, 801 South Wright Street
Champaign, Illinois 61820

Project Period: TBA through 03/31/05

Total Project Cost:	$20,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$20,000.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Print Workbook	02/28/05		
Submit Workbook Copies	02/28/05	Yes	
Duplicate Workbook CDs	02/28/05	Yes	
Submit CD Copies	02/28/05	Yes	
Draft Agenda etc.	02/28/05	Yes	
Hold February Workshops	02/28/05	Yes	
Hold March Workshop	03/31/05	Yes	
Plan for Distribution	02/28/05	Yes	

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

FFY02 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS)

Title: Morton Arboretum Parking Lot Runoff Control

Purpose: The Morton Arboretum plans to enlarge their main parking lot, which lies adjacent to and between Meadow Lake and the East Branch of the DuPage River. The Arboretum will install best management practices (BMPs), which will reduce the amount of nonpoint source pollution to both waterbodies. The parking lot will include bioswales, pervious materials, a gravel drainage layer, and a level spreader. The Project also includes interpretive signs (Arboretum estimates 750,000 visitors annually), and pre- and post-workshops designed for city managers, developers, engineers, watershed planners and managers. The TMDL and implementation plan for the East Branch DuPage River is complete.

NPS Program: Urban Stormwater

Project Location: DuPage County

Waterbody Name (ID): East Branch DuPage River (ILGBL10)

Subgrantee: The Morton Arboretum
4100 Illinois Route 53
Lisle, Illinois 60532-1293

Project Period: 08/15/02 through 09/30/05

Total Project Cost:	$2,110,860.00	**Cumulative Expenditure:**	$1,941,002.87
Federal:	$1,266,516.00	**Federal:**	$1,114,601.72
State and Local:	$844,344.00	**State and Local:**	$776,401.15

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Parking Lot Design	01/01/03	Yes	Previously submitted to USEPA.
Final Parking Lot Design	04/01/03	Yes	Previously submitted to USEPA.
Draft O & M Plan	08/01/04	Yes	
Final O & M Plan	10/01/04	Yes	
Design Implementation	08/30/05	Yes	
Photographic Documentation of Construction	09/15/05	Yes	
Project Sign Designs	04/01/03	Yes	
Install Project Signs	06/01/04	Yes	
Web Page Section Plan	09/01/04	Yes	
Post Web Page Section	12/01/04	No	Progress is being made.
Meeting Agenda, Etc.	05/15/05	Yes	
Hold Meeting	07/01/05	Yes	
Draft Educational Sign Design	09/01/04	Yes	
Final Educational Sign Design	10/01/04	Yes	
Install Educational Sign	12/01/04	Yes	
Draft Project Report	08/01/05	No	
Final Project Report	09/15/05	No	

Comments:

Project Reports and Other Informational Materials:

Title: North Branch Chicago River Watershed Project – Phase 2

Purpose: Project partners will implement a variety of best management practices (BMPs) within the watershed. The types of BMPs are identified in the North Branch Chicago River Watershed Management Plan. In addition, the project partners will continue to implement an outreach program for adults and children focusing on nonpoint source pollution control and water quality. The applicant will investigate and document the need for changes to local administrative policy, procedure and regulations to meet the plan's goals and objectives.

NPS Program: Urban Stormwater, Hydrologic Modification, & Information/Education

Project Location: Counties of Cook and Lake

Waterbody Name (ID): North Branch Chicago River (ILHCC08)

Subgrantee: Friends of the Chicago River
407 S. Dearborn Street, Suite 1580
Chicago, Illinois 60605

Project Period: 11/15/02 through 08/31/06

Total Project Cost:	$1,974,072.00	**Cumulative Expenditure:**	$266,539.23
Federal:	$1,184,443.00	**Federal:**	$201,973.54
State and Local:	$789,629.00	**State and Local:**	$164,565.69

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Coordination	07/31/05	Yes	
Draft Detention Basin Retrofit Strategy	12/31/02	Yes	
Final Detention Basin Retrofit Strategy	02/28/03	Yes	
Design & "BMP Application Forms"	04/30/04	Yes	
Complete Installation of BMPs	04/30/06	No	
Photo Documentation of BMP Installation	05/15/06	No	
Updated Education Work Strategy	05/30/04	No	Progress is being made.
Implement Education Work Strategy	04/30/05	No	
Handbook Distribution	07/31/05	Yes	
Draft Final Report	12/31/05	No	
Final Report	06/30/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Otter Lake In-Lake Sediment Control Project

Purpose: Section 319 funding will be used to design and construct a low water sedimentation control structure in the north end of Otter Lake. This structure will provide a controlled sediment basin, controlling sediment and associated pollutants, entering from the West Fork of Otter Creek. Otter Lake is on Illinois' Section 303(d) list. Although TMDL development has not yet been scheduled, a watershed-based plan (Phase 1 Diagnostic-Feasibility Study) has been developed which identifies the pollutants causing water quality impairments and describes best management practices (BMPs) to be implemented to solve water quality problems.

NPS Program: Agriculture

Project Location: Macoupin County

Waterbody Name (ID): Otter Lake (ILRDF)

Subgrantee: Otter Lake Water Commission
6475 West Montgomery Road
P.O. Box 468
Virden, Illinois 62690

Project Period: 03/15/03 through 10/15/06

Total Project Cost:	$750,000.00	**Cumulative Expenditure:**	$80,265.00
Federal:	$450,000.00	**Federal:**	$48,159.00
State and Local:	$300,000.00	**State and Local:**	$32,106.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	07/01/03	Yes	
Final Design Specifications	08/15/03	Yes	
Draft Operation & Maintenance Plan	07/01/03	Yes	
Final Operation & Maintenance Plan	08/15/03	Yes	
Conservation Plan	08/30/05	No	
Design Implementation	08/30/06	No	
Photo Documentation of Construction	09/15/06	No	
Install Project Sign	08/30/06	No	
Draft Final Report	07/30/06	No	
Final Report	09/15/06	No	

Comments: Implementation of this project is being hampered by the need for flood easements. A redesign is being considered to avoid the easement problems.

Project Reports and Other Informational Materials:

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA will develop Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within selected watersheds on the 303(d) list through computer modeling. For each watershed, computer models will be used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development will be documented. Modeling results will be used to support the development of implementation plans for TMDL attainment.

NPS Program: Monitoring/Evaluation

Project Location:

Waterbody Name (ID): TBA

Subgrantee: TBA

Project Period: TBA

Total Project Cost:	$1,000,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$1,000,000.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Interim Reports No. 1	TBA	No	
Watershed Interim Reports No. 2	TBA	No	
Watershed Interim Reports No. 3	TBA	No	
Watershed Final Reports	TBA	No	
Participate in a General Public Meeting	TBA	No	
Participate in Basin Specific Meetings	TBA	No	
Participate in Public Hearings	TBA	No	
Install Methodologies or Models at Illinois EPA	TBA	No	

Comments: Specific watersheds have not been selected.

Project Reports and Other Informational Materials:

FFY03 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Lake Arlann Silt Abatement Project

Purpose: This project will retrofit the existing 25 year of sediment basin, stabilize 1,860 feet of eroding shoreline with rip rap, and reduce sediment delivery from eroding gullies and ravines by using check dams and sediment basins. The project also includes dredging 341,000 cubic yards of silt from the lake. The cost of dredging ($988,311) will be paid entirely with local funding and used only as match under the project.

NPS Program: Urban Stormwater & Hydrologic Modification

Project Location: Tazewell County

Waterbody Name (ID): Lake Arlann

Subgrantee: Lake Arlann Drainage District
2009 Alameda Ct.
Pekin, Illinois 61554

Project Period: 08/01/03 through 07/31/05

Total Project Cost:	$1,327,424.00	**Cumulative Expenditure:**	$2,796,674.46
Federal:	$339,113.00	**Federal:**	$302,245.90
State and Local:	$988,311.00	**State and Local:**	$2,494,428.56

Project Milestone	Completion Date	Completed Yes/No	Comments
Dredging Implementation	11/01/04	No	
Dredging Report	12/31/04	No	
SEDIMENT CONTROL BASIN RETROFIT			
Draft Design	11/01/03	Yes	
Final Design	12/01/03	Yes	
Draft Landowner Agreements	11/01/03	No	
Executed Landowner Agreements	12/01/03	No	
Design Implementation	06/01/05	No	
SHORELINE STABILIZATION			
Draft Design	11/01/03	Yes	
Final Design	12/01/03	Yes	
Draft Landowner Agreements	11/01/03	No	
Executed Landowner Agreements	12/01/03	No	
Design Implementation	06/01/05	No	
RAVINE STABILIZATION			
Draft Design	11/01/03	Yes	
Final Design	12/01/03	Yes	
Draft Landowner Agreements	11/01/03	No	
Executed Landowner Agreements	12/01/03	No	
Design Implementation	06/01/05	No	
Sign Designs	12/01/03	No	
Install Signs	06/01/05	No	
Draft Watershed Plan	07/01/05	No	
Final Watershed Plan	07/01/05	No	
Photographic Documentation of All Construction	07/01/05	No	
Draft Project Report	07/01/05	No	
Final Project Report	07/31/05	No	

Comments:

Project Reports and Other Informational Materials:

03-01(319)BL (JC)

Title: Evaluation of N Management Practices

Purpose: A field scale experiment has been established to evaluate the impact of best management practices (BMPs) on the potential for N loss from tile lines and the economic production of corn. A total of 54 tile lines (27 in each of 2 fields) have been instrumented to allow for collection of tile flow volume and to allow for collection of flow regulated composite samples collected on a weekly bases for nitrate-N analysis. The selected fields are in a corn-soybean rotation, with one in corn each year and the other in soybean. A total of 9 treatments, in a randomized complete block design with 3 replications are applied when the field is in corn. The treatments will consist of 5 fall applications –0, 78, 157, and 235 lb N/acre as anhydrous ammonia, 157 lb N/acre as anhydrous ammonia with N-Serve, 3 spring preplant applications-78, 157, and 235 lb N/acre as anhydrous ammonia, and 1 sidedress treatment, 157 lb N/acre as anhydrous ammonia. Corn grain yield and total N uptake will be collected from each individual treatment. Soil samples will be collected from all 54 plots in 30 cm increments to a 120 cm depth in the fall after harvest and analyzed for nitrate-N. Soil samples will be collected from each plot area to a depth of 30 cm for Illinois N Soil Test analysis. Data collected in this study will be used to prepare educational materials, including power point presentations, fact sheets, and an article for the Illinois Corn and Soybean Classics publication.

NPS Program: Agriculture & Information/Education

Project Location:

Waterbody Name (ID):

Subgrantee: University of Illinois Urbana – Champaign
1102 S. Goodwin Avenue
Urbana, Illinois 61801

Project Period: 06/01/03 through 06/30/06

Total Project Cost:	$274,850.00	**Cumulative Expenditure:**	$175,579.50
Federal:	$163,490.00	**Federal:**	$122,472.48
State and Local:	$111,360.00	**State and Local:**	$64,497.02

Project Milestone	Completion Date	Completed Yes/No	Comments
Experimental Design Strategy	07/01/03	Yes	
Start Strategy Implementation & Analysis	06/01/03	Yes	
Photographic Documentation	01/01/06	No	
Strategy Completion Date	04/01/06	No	
Start Fertilizer Treatment Application	10/01/03	Yes	
Complete Fertilizer Treatment Application	04/01/05	No	
Start Water Sample Collection & Analysis	06/01/03	Yes	
Complete Water Sample Collection & Analysis	10/01/05	No	
Start Treatment Yield Determination	10/01/03	Yes	
Complete Treatment Yield Determination	10/01/05	No	
Start Soil Sample Collection & Analysis	10/01/03	Yes	
Complete Soil Sample Collection & Analysis	03/01/06	No	
Start Statistical Analysis & Report	11/01/03	Yes	
Complete 1st Statistical Analysis Report	01/01/04	Yes	Previously submitted to USEPA.
Complete 2nd Statistical Analysis Report	01/01/05	Yes	
Complete 3rd Statistical Analysis Report	01/01/06	No	
Start Extension Presentations	11/01/03	Yes	
Complete 1st Extension Presentation	11/30/03	Yes	
Project	**Completion**	**Completed**	

Milestone	Date	Yes/No	Comments
Complete 2nd Extension Presentation	11/30/04	Yes	
Complete 3rd Extension Presentation	11/30/05	Yes	
Start Scientific Papers & Extension Publications	03/01/04	Yes	
Complete Scientific Papers & Ext. Publications	06/01/06	No	
Draft Project Report	06/01/06	No	
Final Project Report	06/30/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Conservation Practices Mapping and Assessment

Purpose: This project will expand the conservation mapping system of the Illinois Department of Natural Resources (IDNR) to include best management practices implemented with funding under Section 319 of the Clean Water Act. The current system maps only CRP, CREP, WHIP, and EQIP. This project will map conservation activities occurring within Prairie Rivers RC&D and estimate environmental impacts. The Recipient will 1) review and modify the Illinois Conservation Practices Tracking System (ICPTS) to allow the addition of 319 projects, BMPs, and related characteristics; 2) develop an on-line, interactive web tool that allows staff to identify locations of existing 319 projects, digitize their locations, enter relevant ID's and other information; 3) enter 319 projects and conservation practices into the modified ICPTS using the on-line web tool and train local staff in its use; and 4) modify Illinois EPA's existing sediment and load reduction estimation process to fit the data being entered into ICPTS.

NPS Program: All Categories

Project Location: Counties of Bureau, LaSalle, Livingston, Marshall, Putnam, Peoria, Stark, Tazewell, and Woodford.

Waterbody Name (ID):

Subgrantee: Prairie Rivers RC&D
400 Edwards Street
Henry, Illinois 61537

Project Period: 11/15/03 through 08/31/05

Total Project Cost:	$202,987.00	**Cumulative Expenditure:**	$202,616.67
Federal:	$138,054.00	**Federal:**	$134,218.28
State and Local:	$64,933.00	**State and Local:**	$68,398.39

Project Milestone	Completion Date	Completed Yes/No	Comments
Design Team Formed	11/30/03	Yes	
Draft Modification Recommendations	12/31/03	Yes	
Draft Modifications	04/30/04	Yes	
Final Modifications	06/30/04	Yes	
Submit Web Tool Recommendations	12/31/03	Yes	
Complete Programming	06/30/04	Yes	
Operation & Maintenance Plan	10/31/04	Yes	
Draft Load Reduction Tool Recommendations	03/31/04	Yes	
Final Load Reduction Tool Recommendations	05/31/04	Yes	
Complete Load Reduction Tool Programming	10/31/04	Yes	
Workshop Agenda & Schedule	11/30/04	Yes	
Hold Workshops	06/30/05	Yes	
Section 319 Data Entry	11/30/04	Yes	
Conservation Program Data Entry	11/30/04	Yes	
Draft Project Report	06/15/05	Yes	
Final Project Report	08/15/05	No	

Comments:

Project Reports and Other Informational Materials:

03-03(319)CD

Title: Watershed Planning in Northeastern Illinois

Purpose: The Northeastern Illinois Planning Commission (NIPC) will provide coordination and technical assistance to entities (local governments, soil and water conservation districts, planning committees, businesses, volunteer organizations, etc.) undertaking comprehensive watershed management initiatives in northeastern Illinois. NIPC will assist these entities with the development of "watershed based plans" and Watershed Implementation Plans (WIPs), as defined by the Illinois EPA. Priority will be given to those watersheds that contain nonpoint source pollution control projects funded by the Illinois EPA and those within Clean Water Act 303(d) listed waters as identified by the Illinois EPA. NIPC will assist these entities in the compilation and evaluation of resource inventory data, formulation of water quality objectives, selection and implementation of nonpoint source pollution control practices, dissemination of information/education materials for water quality protection, and evaluating program success.

NPS Program: All Categories

Project Location: Counties of Cook, Lake, McHenry, DuPage, Will, and Kane

Waterbody Name (ID): Not Applicable

Subgrantee: Northeastern Illinois Planning Commission
Suite 1800, 222 South Riverside Plaza
Chicago, Illinois 60606-6097

Project Period: 06/01/03 through 11/30/05

Total Project Cost:	$100,000.00	**Cumulative Expenditure:**	$96,222.84
Federal:	$100,000.00	**Federal:**	$96,222.84
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Quarterly Progress Reports	11/30/05	No	
Watershed Selection	07/01/03	Yes	Thorn Creek
Watershed Resources Inventory	02/01/04	Yes	
Draft Watershed Plan	06/01/05	Yes	Submitted to USEPA with this report.
Final Watershed Plan	08/01/05	No	
Draft Executive Summary	09/01/05	No	
Final Executive Summary	11/30/05	No	

Comments:

Project Reports and Other Informational Materials:

Title: Northeastern Illinois Stream Restoration Inventory

Purpose: The Northeastern Illinois Planning Commission (NIPC), in cooperation with Chicago Wilderness, created a set of recommended practices for stream restoration in northeastern Illinois and publicized these recommendations through training workshops for regulators, consultants, and municipalities, and through the production of an educational DVD about how to use stream restoration practices to enhance biodiversity in the region. The first phase involved conducting a survey of firms, agencies, and groups that have been involved in stream restoration in order to understand what techniques have been used, where they have been used, their applicability under different conditions, and their costs. The following restoration practices of interest included: streambank stabilization, riparian buffer restoration, in-stream restoration, channel re-meandering, and dam modification and removal.

NPS Program: Information/Education & Hydrologic Modification

Project Location: Counties of Cook, Lake, McHenry, DuPage, Will, and Kane

Waterbody Name (ID): Not Applicable

Subgrantee: Northeastern Illinois Planning Commission
Suite 1800, 222 South Riverside Plaza
Chicago, Illinois 60606-6097

Project Period: 06/01/03 through 05/31/05

Total Project Cost:	$71,430.00	**Cumulative Expenditure:**	$71,416.28
Federal:	$71,430.00	**Federal:**	$71,416.28
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Spreadsheet of Survey Data	09/01/03	Yes	
Final Summary	10/15/03	Yes	
Survey Spreadsheet, GIS Database, & Photographs	01/01/04	Yes	
Final Field Assessment Strategy	04/15/04	Yes	
Strategy Implementation	09/01/04	Yes	
Field Assessment Data Diskette	11/01/04	Yes	
Draft Evaluation Report	02/01/05	Yes	Previously submitted to USEPA.
Final Evaluation Report	04/01/05	Yes	Submitted to USEPA with this report.
Workshop Schedule & Agenda	05/01/05	Yes	
Complete Workshop	05/31/05	Yes	Held July 14 & 15, 2004.
DVD Video Script	02/01/05	Yes	
Final DVD Video	05/31/05	Yes	Previously submitted to USEPA.

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Analysis of Northeastern Illinois Stream Restoration Projects." (DVD) October 2004. U.S. Geologic Survey.

"Stream Restoration Inventory Final Report." April 2005. Northeastern Illinois Planning Commission.

03-05(319)SR

Title: Mitchell Park Ravine Watershed Project – Phase 2

Purpose: This project focuses on soil erosion control and water quality in an urban watershed tributary to the Mississippi River. Soil erosion control will be improved in five areas within the Mitchell Park ravine watershed. Water quality improvements in these areas have been determined to be a high priority by the East Moline Stormwater Committee. This project will utilize proven soil erosion and sediment control and stormwater management techniques as planned in consultation with USDA-NRCS. Practices include culvert extensions, cover and re-vegetation, streambank re-grading, installation of a drop structure, and placement of rip rap. This project is a continuation of a project initiated with funding under Illinois FFY 1998 Section 319 grant.

NPS Program: Urban Stormwater

Project Location: Rock Island County

Waterbody Name (ID): Mississippi River (ILM03)

Subgrantee: City of East Moline
912 – 16th Avenue
East Moline, Illinois 61244

Project Period: 07/01/03 through 7/15/06

Total Project Cost:	$136,863.00	**Cumulative Expenditure:**	$0.00
Federal:	$82,118.00	**Federal:**	$0.00
State and Local:	$54,745.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	01/01/05	Yes	
Final Design Specifications	04/01/05	Yes	
Draft Permits & Landowner Agreements	01/01/05	Yes	
Final Permits & Landowner Agreements	04/01/05	Yes	
Complete Construction	12/31/05	No	
Photographic Documentation of Construction	07/15/06	No	
Draft Operation & Maintenance Plan	01/01/05	Yes	
Final Operation & Maintenance Plan	04/01/05	Yes	
Sign Design	03/01/05	Yes	
Sign Implementation	01/01/06	No	
Draft Project Report	05/15/06	No	
Final Project Report	07/15/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Calumet Region Green Infrastructure NPS Demonstration

Purpose: This model green infrastructure project will be focused on an intersection in the Calumet region of Chicago at 130th Street and Torrence Avenue that is undergoing a massive overhaul, with plans to run the roadway below grade to offset existing problems. This project provides an opportunity to implement best management practices for stormwater treatment. Under the original proposal, as in traditional infrastructure projects, stormwater runoff from the intersection was to be piped directly into the Calumet River. As a result of collaborations with the Chicago Department of Environment, an analysis was conducted to evaluate several stormwater treatment BMP options that will slow and filter the water prior to its release into the river. Section 319 funds will implement the selected stormwater option that includes a sediment/oil & grease trap, vegetated swale, infiltration trench, and detention basin. It will also support development of educational materials, including a brochure, on-site signage, and a website.

NPS Program: Urban Stormwater

Project Location: Cook County

Waterbody Name (ID): Chicago River (ILHAA01)

Subgrantee: Chicago Department of Environment
30 North LaSalle, 25th Floor
Chicago, Illinois 60602

Project Period: 02/01/04 through 08/30/06

Total Project Cost:	$801,059.00	**Cumulative Expenditure:**	$0.00
Federal:	$454,040.00	**Federal:**	$0.00
State and Local:	$347,019.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Designs	07/31/04	Yes	
Final Designs	10/31/04	Yes	
Draft Operation & Maintenance Plan	07/31/04	Yes	
Final Operation & Maintenance Plan	10/31/04	Yes	
Design Implementation	07/01/06	No	
Photographic Documentation of Construction	08/01/06	No	
Project Sign Design	07/01/05	Yes	
Install Project Sign	07/01/06	No	
Draft Website	07/01/05	Yes	
Final Website	11/01/05	No	
Post Website	01/01/06	No	
Draft Interpretive Sign Design	07/01/05	Yes	
Final Interpretive Sign Design	11/01/05	No	
Install Interpretive Sign	01/01/06	No	
Draft Brochure	07/01/05	Yes	
Final Brochure	11/01/05	No	
Distribute Brochure	01/01/06	No	
Draft Project Report	06/01/06	No	
Final Project Report	08/15/06	No	

Comments:

Project Reports and Other Informational Materials:

03-07(319)CD

Title: Roof Greening Project

Purpose: This project addressed urban runoff nonpoint source impacts to Lincoln Park North Pond (ILQZK) and demonstrated innovative, infiltration based stormwater management approaches for highly impervious areas. Green roof systems were designed and constructed on The Peggy Notebaert Nature Museum's roofs to reduce runoff and associated nonpoint source pollutants; improve water quality, habitat quality, and the quality of recreational opportunities; and provide educational opportunities. The project absorbed and filtered rainfall, thereby decreasing nonpoint source pollution to the North Pond while demonstrating how green roofs can be adapted to existing buildings and explaining their benefits to encourage widespread application in other areas. Interpretive signage and exhibit components were installed to educate visitors about nonpoint source pollution, its effect on water quality, and the environmental benefits and cost-effectiveness of rooftop gardens. A computer kiosk allows visitors to gather data about the green roofs, including temperature, wind, and rainfall. Visitors are able to compare data to conventional roofs. Visitors are able to create their own green roof using the computer and see results in efficiency, environmental impact, and aesthetics. Information on this computer can also be accessed over the Web. A 360-degree web camera was installed to allow visitors to take a virtual/remote tour of the green roof. The camera tour highlights the variety of plants, data collecting instruments, and environmental benefits. Interpretive labels including pictorial information reference roof views, explain the process of creating rooftop gardens, and illustrate environmental benefits, including nonpoint source pollution control. A software presentation was also developed to document the installation process and explain the technical aspects of installation, nonpoint source benefits, and other cost-benefit considerations.

NPS Program: Information/Education & Urban Stormwater

Project Location: Cook County

Waterbody Name (ID): Lincoln Park North Pond (ILQZK)

Subgrantee: The Peggy Notebaert Nature Museum
2430 Cannon Drive
Chicago, Illinois 60614

Project Period: 06/01/03 through 10/31/05

Total Project Cost:	$886,983.00	**Cumulative Expenditure:**	$1,091,444.30
Federal:	$532,136.00	**Federal:**	$532,136.00
State and Local:	$354,757.00	**State and Local:**	$559,308.30

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Green Roof Designs	06/15/03	Yes	
Final Green Roof Designs	08/15/03	Yes	Previously submitted to USEPA.
Complete Green Roof Construction	12/01/04	Yes	
Photographic Documentation of Construction	01/01/05	Yes	
Draft Measurements & Modeling Plan	06/15/03	Yes	
Final Measurements & Modeling Plan	08/15/03	Yes	Previously submitted to USEPA.
Plan Implementation		Yes	
Draft Interpretive Labels Mock-up	03/01/04	Yes	
Final Interpretive Labels Mock-up	06/01/04	Yes	Previously submitted to USEPA.

Project Milestone	Completion Date	Completed Yes/No	Comments
Install Interpretive Signage	12/01/04	Yes	
Photographic Documentation of Installation	01/01/05	Yes	
Draft Garden Cam Design	03/01/04	Yes	
Final Garden Cam Design	06/01/04	Yes	Previously submitted to USEPA.
Complete Garden Cam Construction	12/01/04	Yes	
Photographic Documentation of Construction	01/01/05	Yes	
Draft Script of Rooftop Data Center	03/01/04	Yes	
Final Script of Rooftop Data Center	06/01/04	Yes	Previously submitted to USEPA.
Fabrication Drawings	08/01/04	Yes	
Complete Rooftop Data Center Construction	01/01/05	Yes	
Draft Software Presentation Script	11/01/04	Yes	
Rough Cut Software Presentation	01/01/05	Yes	
Final Software Presentation	03/01/05	Yes	
Develop & Host Workshops	05/01/05	Yes	
Prairie Design	04/15/04	Yes	
Prairie Design Implementation	06/01/04	Yes	
Photographic Documentation of Prairie	07/01/04	Yes	
Hire Gardener	04/01/04	Yes	
Draft Operation & Maintenance Plan	01/01/05	Yes	
Final Operation & Maintenance Plan	05/31/05	Yes	
Draft Project Report	03/01/05	Yes	
Final Project Report	05/31/05	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

http://www.naturemuseum.org/greenroof/index.html

http://www.naturemuseum.org/greenroof/datastream.html

http://www.naturemuseum.org/greenroof/build.html

http://www.naturemuseum.org/greenroof/strata.html

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA will develop Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within selected watersheds on the 303(d) list through computer modeling. For each watershed, computer models will be used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development will be documented. Modeling results will be used to support the development of implementation plans for TMDL attainment. The Illinois EPA will identify the selected watersheds by June 1, 2003.

NPS Program: Monitoring/Evaluation

Project Location: TBA

Waterbody Name (ID): TBA

Subgrantee: TBA

Project Period: TBA

Total Project Cost:	$354,770.00	**Cumulative Expenditure:**	$0.00
Federal:	$354,770.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Interim Reports No. 1	TBA	No	
Watershed Interim Reports No. 2	TBA	No	
Watershed Interim Reports No. 3	TBA	No	
Watershed Final Reports	TBA	No	
Participate in a General Public Meeting	TBA	No	
Participate in Basin Specific Meetings	TBA	No	
Participate in Public Hearings	TBA	No	
Install Methodologies or Models at Illinois EPA	TBA	No	

Comments: Specific watersheds have not been selected.

Project Reports and Other Informational Materials:

03-(319)BY

FFY03 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS)

Title: Muddy Waters Pond Restoration

Purpose: This project includes 1,240 feet of shoreline stabilization along with wetland and upper prairie restoration around an in-stream detention basin on St. Joseph's Creek, a tributary of the East Branch DuPage River. The Village of Westmont and the Westmont Park District intend to restore and naturalize the pond at Muddy Waters Park. Turfgrass banks, nonpoint source pollutants from nearby homes and roads and geese have lead to significant erosion and poor water quality in the pond. Native plants, natural materials and a man-made wetland zone would stabilize the banks and improve water quality by removing nonpoint source pollutants from the head waters of St. Joseph's Creek and aid in the reduction of eutrophic conditions that occur in the pond each summer. Public outreach and education will be spearheaded through ongoing Park District programs, the Village's Environmental Commission and the Village Newsletter. East Branch DuPage River is included on Illinois 303d list. The TMDL and implementation plan for the East Branch DuPage River are nearly complete.

NPS Program: Hydrologic Modification & Urban Stormwater

Project Location: DuPage County

Waterbody Name (ID): St. Joseph Creek

Subgrantee: Village of Westmont
31 West Quincy
Westmont, Illinois 60559

Project Period: 07/15/03 through 06/30/06

Total Project Cost:	$137,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$82,200.00	**Federal:**	$0.00
State and Local:	$54,800.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	01/01/05	Yes	
Final Design Specifications	04/01/05	No	
Draft Permits & Landowner Agreements	01/01/05	Yes	
Final Permits & Landowner Agreements	04/01/05	Yes	
Complete Construction	01/01/06	No	
Photographic Documentation of Construction	06/30/06	No	
Plan for Interpretive Sign	08/01/05	No	
Installation of Interpretive Sign	01/01/06	No	
Draft Operation & Maintenance Plan	01/01/05	No	
Final Operation & Maintenance Plan	04/01/05	No	
Sign Design	03/01/05	No	
Sign Implementation	01/01/06	No	
Draft Project Report	04/30/06	No	
Final Project Report	06/30/06	No	

Comments:

Project Reports and Other Informational Materials:

03-09(319)ST

Title: Villa Park Urban BMP Demonstration

Purpose: This project reduced nonpoint source pollution from a new police station constructed on the site of an existing parking lot in downtown Villa Park, Illinois. A 3,410 square foot green roof system was constructed on top of the new police station. The project also included construction of a parking lot and plaza that uses a system of pervious pavement (8,057 square feet) and biofitration swales and underground storage (7,176 square feet) to treat and infiltrate runoff from the site. Precipitation and runoff leaving the site was measured during the project period and a hydrologic model was constructed to estimate the long term runoff reduction from the site relative to more conventional stormwater systems. The project also included tours and a brochure. Salt Creek was a Category 1 watershed in the Unified Watershed Assessment and is included on Illinois 303d list. The TMDL and implementation plan for Salt Creek is nearly complete.

NPS Program: Urban Stormwater

Project Location: DuPage County

Waterbody Name (ID): Salt Creek (ILGL09)

Subgrantee: Village of Villa Park
20 S. Ardmore Avenue
Villa Park, Illinois 60181

Project Period: 07/01/03 through 07/31/05

Total Project Cost:	$302,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$181,200.00	**Federal:**	$0.00
State and Local:	$120,800.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Final Green Roof Designs	03/01/04	Yes	
Final Parking Lot Designs	03/01/04	Yes	
Draft Measurements & Modeling Plan	01/01/04	Yes	
Final Measurements & Modeling Plan	03/01/04	Yes	
Final Permits & Landowner Agreements	03/01/04	Yes	
Complete Construction	11/01/04	Yes	
Photographic Documentation of Construction	04/01/05	Yes	
Draft Brochure	04/01/05	Yes	
Final Brochure	06/01/05	Yes	Submitted to USEPA with this report.
Complete Tour	01/01/05	Yes	
Final Presentation	01/01/05	Yes	
Final Operation & Maintenance Plan	06/01/05	Yes	
Draft Project Report	04/01/05	Yes	
Final Project Report	06/01/05	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Villa Park Police Station Urban BMP Demonstration Project – A Project to Demonstrate Integration of Green Roof, Permeable Paving, and Bioswale Urban Runoff Systems." July 19, 2005. Village of Villa Park.

03-10(319)SR

Title: Springbrook Creek Stream Meandering

Purpose: This project includes recreating a mile and a half of meandering stream channel combined with wetland and floodplain restoration along a segment of Springbrook Creek located in the Springbrook Prairie Forest Preserve in DuPage County. The project will create a mile and a half of meandering stream channel that is connected with the historic floodplain that will serve to absorb large volumes of water and dissipate energy in large storm events. The project will reduce the erosive force of water in the stream, stabilize streambanks, and enhance riparian habitat. Springbrook Creek is a tributary of the DuPage River.

NPS Program: Hydrologic Modification

Project Location: DuPage County

Waterbody Name (ID):

Subgrantee: Forest Preserve District of DuPage County
3 S. 580 Naperville Road
Wheaton, Illinois 60187-8761

Project Period: 08/01/03 through 08/31/06

Total Project Cost:	$1,166,666.00	**Cumulative Expenditure:**	$0.00
Federal:	$700,000.00	**Federal:**	$0.00
State and Local:	$466,666.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	01/01/04	Yes	
Final Design Specifications	04/30/05	No	
Complete Construction	04/15/06	No	
Photographic Documentation of Construction	06/15/06	No	
Draft Operation & Maintenance Plan	04/30/05	Yes	
Final Operation & Maintenance Plan	07/01/05	No	
Sign Design	01/01/04	Yes	
Sign Implementation	06/01/04	Yes	
Draft Project Report	06/01/06	No	
Final Project Report	08/01/06	No	

Comments: Road crossing negotiations, permit approvals, and the presence of state listed threatened and endangered birds near the project site are causing the contractor to move the schedule back.

Project Reports and Other Informational Materials:

Title: Governor Bond Lake Stormwater Basin No. 4

Purpose: This project will continue executing the nonpoint source pollution control recommendations of the Governor Bond Lake Total Maximum Daily Load (TMDL) implementation plan. Three stormwater wetlands are being constructed in the Governor Bond Lake watershed with FFY 2001 Section 319 funding. Under this project, a forth rural stormwater wetland will be constructed on Dry Branch, a tributary to Governor Bond Lake, to improve water quality, remove suspended and soluble nonpoint source pollutants, enhance habitat and aesthetics, and improve water retention and other beneficial hydrologic functions. This forth basin will also 1) provide quality access (near a paved road) to facilitate visitation from members of the public, and 2) be constructed and operated in such a manner as to allow for development of a quality public education program that would promote the merits of such facilities. In particular, this facility would contain all the standard components seen in the other basins such as a forebay, control structure which mimics a natural hydroperiod in the forebay's littoral zone, a receiving wetland/marsh with meanders and interspersed terrestrial and aquatic zones to remove nutrients and coincidently create high quality habitat. In addition, the paved road access would be further enhanced by addition of a boardwalk and observation deck constructed to allow viewing of all pertinent features.

NPS Program: Agriculture

Project Location: Bond County

Waterbody Name (ID): Governor Bond Lake (ILRDP)

Subgrantee: City of Greenville
404 South 3rd Street
Greenville, Illinois 62246

Project Period: 07/01/03 through 05/31/06

Total Project Cost:	$128,818.00	**Cumulative Expenditure:**	$9,493.64
Federal:	$77,000.00	**Federal:**	$5,696.18
State and Local:	$51,818.00	**State and Local:**	$3,797.46

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	02/15/05	Yes	
Final Design Specifications	05/31/05	Yes	
Draft Permits & Landowner Agreements	06/15/04	Yes	
Final Permits & Landowner Agreements	01/31/05	Yes	
Complete Construction	12/31/05	No	
Photographic Documentation of Construction	05/31/06	No	
Draft Operation & Maintenance Plan	04/30/05	Yes	
Final Operation & Maintenance Plan	05/31/05	Yes	
Sign Design	11/15/04	Yes	
Sign Implementation	10/31/05	No	
Draft Project Report	02/28/06	No	
Final Project Report	05/31/06	No	

Comments:

Project Reports and Other Informational Materials:

03-12(319)ST

Title: Fox Point North – Flint Creek Streambank Stabilization

Purpose: This project stabilized 2,600 feet of eroding streambanks along an 1,300 foot segment of Flint Creek (ILDTZS01), a tributary to Lake Louise & Fox River, through the clearing on non-native vegetation, minor re-grading, and installation of native plant communities, boulders, J-hooks, cross vanes, crib wall, and other bio-engineering techniques. The Fox River is included on Illinois' 303(d) list. The "Flint Creek Drainage Basin Needs Assessment Report" and "Flint Creek Watershed Action Plan" were completed in 1993 and 1994, respectively. Flint Creek is also part of the 1997 "Integrated Management Plan for the Fox River Watershed in Illinois."

NPS Program: Hydrologic Modification

Project Location: Lake County

Waterbody Name (ID): Flint Creek (ILDTZS01)

Subgrantee: Village of Barrington
200 South Hough Street
Barrington, Illinois 60010

Project Period: 09/01/03 through 07/31/05

Total Project Cost:	$335,383.00	**Cumulative Expenditure:**	$0.00
Federal:	$201,230.00	**Federal:**	$0.00
State and Local:	$134,153.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	04/01/04	Yes	Previously submitted to USEPA.
Final Design Specifications	06/01/04	Yes	Previously submitted to USEPA.
Draft Permit & Landowner Agreements	04/01/04	Yes	
Final Permit & Landowner Agreements	06/01/04	Yes	
Design Implementation	05/01/05	Yes	
Photographic Documentation of Construction	05/01/05	Yes	
Sign Design	06/01/04	Yes	
Install Sign	04/01/05	Yes	
Draft Operation & Maintenance Plan	04/01/05	Yes	
Final Operation & Maintenance Plan	06/30/05	Yes	
Draft Project Report	05/01/05	Yes	
Final Project Report	06/30/05	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Fox Point North Subdivision – Flint Creek Restoration Project." March 11, 2005. Applied Ecological Services, Inc.

03-13(319)SR

Title: Lake Springfield Watershed BMP Implementation

Purpose: By assisting USDA Natural Resources Conservation Service's Conservation Reserve Program, this project will result in the installation of 3,250 acres of new filter strips along feeder streams within the Lake Springfield watershed by providing an additional $200/ac. one-time incentive payment to landowners for the fifteen-year commitment.

NPS Program: Agriculture

Project Location: Sangamon County

Waterbody Name (ID): Lake Springfield (ILREF)

Subgrantee: Sangamon County Soil & Water Conservation District
40 Adloff Lane, Suite 7
Springfield, Illinois 62703-4441

Project Period: 08/15/03 through 01/31/06

Total Project Cost:	$1,005,750.00	**Cumulative Expenditure:**	$125714.84
Federal:	$603,450.00	**Federal:**	$75,428.90
State and Local:	$402,300.00	**State and Local:**	$50,285.94

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Incentive Program Strategy	09/01/03	Yes	
Final Incentive Program Strategy	11/01/03	Yes	
Document Selected Priority Areas	03/01/04	Yes	
Provide Assistance & Follow Up Contacts	11/30/05	No	
BMP Application Forms & Design Plans	11/30/05	No	
Draft Landowner Agreement	09/01/03	Yes	
Final Landowner Agreement	11/01/03	Yes	
Issue Payments	11/30/05	No	
Program Promotion Materials	11/30/05	Yes	
Hold Meetings	11/30/05	Yes	
Visual Record	11/30/05	No	
Draft Project Report	09/30/05	No	
Final Project Report	01/01/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Addison Creek Riparian Restoration

Purpose: This project will restore 1.29 acres of riparian wetlands and stabilize eroding streambanks along an approximately 1,880-foot segment of Addison Creek located in Northlake, Illinois. The design will include re-grading streambanks and establishing a thirty (30) foot wide wetland (1.29 acres total) on each side of the 1,880 foot long stream segment. The wetland will include emergent vegetation, scrub shrub interspersed plantings, and wet-mesic prairie. Bioengineering streambank stabilization practices will be used (i.e., selective tree removal for increased light penetration; clearing invasive and controlling exotic plant species by cutting and herbiciding; planting native forbs, grasses, and sedges; re-grading; stone toe protection; riffles).

NPS Program: Hydrologic Modification

Project Location: Cook County

Waterbody Name (ID): Addison Creek (ILGA02)

Subgrantee: City of Northlake
55 East North Avenue
Northlake, Illinois 60164

Project Period: 11/01/03 through 06/01/06

Total Project Cost:	$500,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$300,000.00	**Federal:**	$0.00
State and Local:	$200,000.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	03/01/04	Yes	
Final Design Specifications	04/01/04	Yes	
Draft Permit & Landowner Agreements	03/01/04	No	
Final Permit & Landowner Agreements	04/01/04	No	
Design Implementation	10/31/05	No	
Photographic Documentation of Construction	04/01/06	No	
Educational Signage Plan	01/01/06	No	
Install Educational Signage	04/01/06	No	
Project Sign Design	10/31/05	Yes	
Install Project Sign	10/31/05	No	
Draft Operation & Maintenance Plan	10/31/05	No	
Final Operation & Maintenance Plan	04/01/06	No	
Draft Project Report	04/01/06	No	
Final Project Report	06/01/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Hillsboro Lake Stormwater Wetland No. 1 Project

Purpose: This project involved the construction of a sediment basin and seven rock check dams along with the enhancement of a stormwater wetland on a ravine tributary to Hillsboro Lake. The practices were designed to improve water quality, remove suspended and soluble nonpoint source pollutants, enhance habitat and aesthetics, and provide water retention and other beneficial hydrologic functions.

NPS Program: Urban Stormwater

Project Location: Montgomery County

Waterbody Name (ID): Hillsboro Lake (ILROT)

Subgrantee: City of Hillsboro
447 South Main Street
Hillsboro, Illinois 62049

Project Period: 11/01/03 through 10/31/05

Total Project Cost:	$72,500.00	**Cumulative Expenditure:**	$61,992.63
Federal:	$43,500.00	**Federal:**	$37,195.58
State and Local:	$29,000.00	**State and Local:**	$24,797.05

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	01/01/04	Yes	
Final Design Specifications	04/01/04	Yes	
Draft Permit & Landowner Agreements	01/01/04	Yes	
Final Permit & Landowner Agreements	04/01/04	Yes	
Design Implementation	06/30/05	Yes	
Photographic Documentation of Construction	09/30/05	Yes	
Sign Design	04/01/05	Yes	
Install Sign	05/01/05	Yes	
Draft Operation & Maintenance Plan	01/01/03	Yes	
Final Operation & Maintenance Plan	04/01/04	Yes	
Draft Project Report	08/01/05	Yes	
Final Project Report	09/30/05	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Hillsboro Lake, City of Hillsboro, Illinois Stormwater Wetland Basin #1 (Southwest Ravine Tributary to Hillsboro Lake) Final Report." July 14, 2005. Heartland Ecosystem Services, Inc.

03-18(319)ST

Title: Lake Vermilion Shoreline Stabilization Project

Purpose: This project installed shoreline stabilization best management practices (i.e., riprap, geotextile fabric, vegetation) on 9,414 linear feet of eroded shoreline on Lake Vermilion to reduce nonpoint source pollution and enhance aquatic habitat.

NPS Program: Hydrologic Modification

Project Location: Vermilion County

Waterbody Name (ID): Lake Vermilion (ILRBD)

Subgrantee: Consumers Illinois Water Company
1300 West Fairchild Street
Danville, Illinois 61832

Project Period: 02/01/04 through 02/01/06

Total Project Cost:	$414,358.00	**Cumulative Expenditure:**	$422,204.43
Federal:	$248,615.00	**Federal:**	$248,615.00
State and Local:	$165,743.00	**State and Local:**	$173,589.43

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	04/01/04	Yes	
Final Design Specifications	05/01/04	Yes	
Draft Permit & Landowner Agreements	06/01/04	Yes	
Final Permit & Landowner Agreements	08/01/04	Yes	
Design Implementation	11/01/05	Yes	
Photographic Documentation of Construction	12/01/05	Yes	
Draft Project Report	01/01/06	Yes	
Final Project Report	02/01/06	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Phase 2 Implementation Project Lake Vermilion Shoreline Stabilization – Project Evaluation and Final Report." June 2005. Cochran & Wilken, Inc.

Title: North Fork Vermilion River Watershed Project

Purpose: This project will install twelve sediment and nutrient retention structures in the Lake Vermilion watershed and implement extensive information and education programs. A conservation tour of other best management practices (BMPs) will be held.

NPS Program: Agriculture

Project Location: Vermilion County

Waterbody Name (ID): Lake Vermilion ()

Subgrantee: Vermilion County Soil & Water Conservation District
191 South Henning Road
Danville, Illinois 61832

Project Period: 05/19/04 through 12/31/06

Total Project Cost:	$476,480.00	**Cumulative Expenditure:**	$10,569.08
Federal:	$285,888.00	**Federal:**	$6,341.45
State and Local:	$190,592.00	**State and Local:**	$4,227.63

Project Milestone	Completion Date	Completed Yes/No	Comments
Conduct Conservation Tour	09/30/06	Yes	
Draft BMP Implementation Strategy	06/30/04	Yes	
Final BMP Implementation Strategy	07/31/04	Yes	
Technical Assistance	12/31/06	No	
Pre-Construction Review Submittal	08/01/06	No	
BMP Construction	11/01/06	No	3 structures under construction.
Photographic Documentation of Construction	11/01/06	No	
Sign Design	08/01/04	Yes	
Install Sign	11/01/06	No	
Draft Project Report	12/01/06	No	
Final Project Report	12/31/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Charleston SCR Sedimentation Basin

Purpose: This project will involve the installation of 460 feet of shoreline stabilization and construction of an in-lake sedimentation control structure in the northwest cove of the Charleston Side-Channel Reservoir. The structure shall be designed to remove suspended and soluble nonpoint source pollutants, and enhance habitat and aesthetics. The TMDL and implementation plan for the Charleston Side-Channel Reservoir (ILRBC) is complete.

NPS Program: Hydrologic Modification

Project Location: Coles County

Waterbody Name (ID): Charleston Side-Channel Reservoir (ILRBC)

Subgrantee: City of Charleston
520 Jackson Avenue
Charleston, Illinois 61920

Project Period: 11/15/03 through 08/30/06

Total Project Cost:	$219,096.00	**Cumulative Expenditure:**	$0.00
Federal:	$131,458.00	**Federal:**	$0.00
State and Local:	$87,638.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	12/01/03	Yes	
Final Design Specifications	01/31/04	Yes	
Design Implementation	07/01/06	No	
Photographic Documentation of Construction	07/15/06	No	
Sign Design	12/15/04	Yes	
Install Sign	07/01/05	No	
Draft Operation & Maintenance Plan	12/01/03	Yes	
Final Operation & Maintenance Plan	01/31/04	Yes	
Draft Project Report	07/01/06	No	
Final Project Report	08/01/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Salt Creek Streambank Stabilization – Elk Grove Village

Purpose: This project will reduce erosion and nonpoint source pollution through the stabilization of 2,160 feet of eroding streambanks along a segment of Salt Creek located in Elk Grove Village, Illinois. Bioengineering techniques (i.e., A-jacks, coir fiber rolls, lunkers, selective tree removal, native vegetation planting, erosion control blankets, and vegetated geogrids) will be used.

NPS Program: Hydrologic Modification

Project Location: Cook County

Waterbody Name (ID): Salt Creek (ILGL09)

Subgrantee: Village of Elk Grove Village
901 Wellington Avenue
Elk Grove Village, Illinois 60007-3499

Project Period: 11/01/03 through 09/30/05

Total Project Cost:	$484,458.00	**Cumulative Expenditure:**	$0.00
Federal:	$290,675.00	**Federal:**	$0.00
State and Local:	$193,783.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	03/01/04	Yes	
Final Design Specifications	04/01/04	Yes	
Draft Permit & Landowner Agreements	03/01/04	Yes	
Final Permit & Landowner Agreements	04/01/04	Yes	
Design Implementation	04/01/05	No	
Photographic Documentation of Construction	05/01/05	No	
Sign Design	04/01/04	Yes	
Install Sign	04/01/05	No	
Draft Operation & Maintenance Plan	04/01/05	Yes	
Final Operation & Maintenance Plan	08/01/05	Yes	Submitted to USEPA with this report.
Draft Project Report	08/01/05	No	
Final Project Report	09/30/05	No	

Comments:

Project Reports and Other Informational Materials:

Title: Lyman Woods Streambank, Streambed & Gully Stabilization

Purpose: This project will install best management practices (BMPs) to stabilize eroding streambanks, improve water quality, reduce nonpoint source pollution, and enhance aquatic habitat along 1,975 feet of streambank on Lacey Creek, a tributary of the East Branch of the DuPage River. Bioengineering techniques (i.e., rip-rap, artificial riffles, streambank resloping, cross vanes, drop structures, erosion blankets, dead brush fascines and vegetative stabilization) will be used. The East Branch DuPage River is a Category 1 watershed in the Unified Watershed Assessment and is included on Illinois 303d list. The TMDL and implementation plan for the East Branch DuPage River is complete.

NPS Program: Hydrologic Modification

Project Location: DuPage County

Waterbody Name (ID): Lacey Creek (ILGBL10)

Subgrantee: Downers Grove Park District
2455 Warrenville Road
Downers Grove, Illinois 60515

Project Period: 07/20/04 through 05/31/06

Total Project Cost:	$260,724.00	**Cumulative Expenditure:**	$0.00
Federal:	$156,434.00	**Federal:**	$0.00
State and Local:	$104,290.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	08/01/04	No	
Final Design Specifications	10/01/04	No	
Draft Permit & Landowner Agreements	08/01/04	No	
Final Permit & Landowner Agreements	10/01/04	No	
Design Implementation	11/30/05	No	
Photographic Documentation of Construction	01/31/06	No	
Sign Design	10/01/04	No	
Install Sign	11/30/05	No	
Draft Operation & Maintenance Plan	08/01/04	No	
Final Operation & Maintenance Plan	10/01/04	No	
Draft Project Report	12/31/05	No	
Final Project Report	01/31/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Integrated Watershed Planning for Rayse Creek

Purpose: The Recipient in conjunction with the Rayse Creek Watershed Planning Committee will develop a comprehensive Watershed Management Plan (Plan) for the Rayse Creek Watershed. The Recipient will work with other interested stakeholders to develop the Plan to guide future planning and implementation activities. The Plan shall include a water resource specific description of all existing or potential water quality problems, their impacts, and the data used to identify said problems. The assessment shall also include a water resource specific description of high quality waters in watershed. The Plan shall be developed to improve water quality by controlling nonpoint source pollution. The Plan shall contain a problem statement, goals and objectives, determinations of the type and location of causes and sources of impairments, alternatives for watershed protection, and the establishment of priorities for watershed improvements. The Plan shall include site-specific Best Management Practices (BMPs) implementation recommendations for nonpoint source pollution control. Potential BMPs shall be identified for prevention, remediation, restoration, and maintenance to achieve water quality and natural resource objectives. The TMDL and implementation plan for the Rayse Creek is complete.

NPS Program: All Categories

Project Location: Jefferson County

Waterbody Name (ID): Rayse Creek (ILNK01)

Subgrantee: Southern Illinois University - Carbondale
Department of Forestry
Carbondale, Illinois 62901

Project Period: 02/01/04 through 12/31/05

Total Project Cost:	$83,333.00	**Cumulative Expenditure:**	$42,120.26
Federal:	$50,000.00	**Federal:**	$25,785.06
State and Local:	$33,333.00	**State and Local:**	$16,566.20

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Leadership Model	07/01/04	Yes	
Final Watershed Leadership Model	09/01/04	Yes	
Draft 2004Stakeholders Workshop Agendas	04/01/04	Yes	
Final 2004 Stakeholders Workshop Agendas	05/01/04	Yes	
Draft 2005Stakeholders Workshop Agendas	04/01/05	Yes	
Final 2005 Stakeholders Workshop Agendas	05/01/05	Yes	
Draft Watershed Data Evaluation	12/01/04	Yes	
Final Watershed Data Evaluation	02/01/05	Yes	
Draft Site Specific BMP Recommendations	06/01/05	No	
Final Site Specific BMP Recommendations	08/01/05	No	
Draft Watershed Management Plan	09/01/05	No	
Final Watershed Management Plan	10/01/05	No	

Comments:

Project Reports and Other Informational Materials:

03-24(319)ST

Title: Stream Restoration Phase 2 - Trib. 6 to E. Br. DuPage R.

Purpose: Approximately 575 feet of eroding streambank along an unnamed stream, tributary number 6 of the East Branch DuPage River, will be stabilized using bioengineering techniques (rip rap, A-jacks, rock riffles, re-grading, vegetated geogrid, erosion control blanket, vegetation) and a 1.13 acre riparian buffer will also be established to improve water quality in the stream. The East Branch DuPage River is a Category 1 watershed in the Unified Watershed Assessment and is included on Illinois 303d list. The TMDL and implementation plan for the East Branch DuPage River is complete.

NPS Program: Hydrologic Modification

Project Location: DuPage County

Waterbody Name (ID): East Branch DuPage River (ILGBL10)

Subgrantee: Hobson Creek Community Council
23W420 Country Court
Naperville, Illinois 60540

Project Period: 05/24/04 through 04/30/06

Total Project Cost:	$120,623.00	**Cumulative Expenditure:**	$114,314.70
Federal:	$72,374.00	**Federal:**	$65,137.00
State and Local:	$47,889.00	**State and Local:**	$49,177.70

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	08/01/04	Yes	
Final Design Specifications	10/01/04	Yes	
Draft Permits & Landowner Agreements	08/01/04	Yes	
Final Permits & Landowner Agreements	10/01/04	Yes	
Design Implementation	12/31/05	No	
Photo Documentation of Construction	04/30/06	No	
Project Sign Designs	10/01/04	Yes	
Install Signs	12/31/05	Yes	
Draft Operation & Maintenance Plan	08/01/04	Yes	
Final Operation & Maintenance Plan	10/01/04	Yes	
Draft Final Report	02/28/06	No	
Final Report	04/30/06	No	

Comments:

Project Reports and Other Informational Materials:

03-25(319)ST

Title: RiverWorks Exhibit

Purpose: This project will educate museum visitors about Illinois rivers and allow them to explore the many jobs that rivers take on, discover the ways in which humans try to make rivers work for us, experiment with different river projects, and find out about the many changes that have been made to the Chicago River.

NPS Program: Information/Education

Project Location: Cook County

Waterbody Name (ID): Not Applicable

Subgrantee: The Peggy Notebaert Nature Museum
2430 Cannon Drive
Chicago, Illinois 60614

Project Period: 03/01/04 through 12/31/04

Total Project Cost:	$350,000.00	**Cumulative Expenditure:**	$350,000.00
Federal:	$250,000.00	**Federal:**	$249,999.99
State and Local:	$100,000.00	**State and Local:**	$100,000.01

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design of Exhibit	04/01/04	Yes	
Final Design of Exhibit	05/30/04	Yes	
Construction of Exhibit	08/31/04	Yes	
Photographic Documentation of Construction	09/15/04	Yes	
Draft Project Report	10/31/04	Yes	
Final Project Report	12/31/04	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA will develop Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within selected watersheds on the 303(d) list through computer modeling. For each watershed, computer models will be used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development will be documented. Modeling results will be used to support the development of implementation plans for TMDL attainment. The Illinois EPA will identify the selected watersheds by June 1, 2003.

NPS Program: Monitoring/Evaluation

Project Location: TBA

Waterbody Name (ID): TBA

Subgrantee: TBA

Project Period: TBA

Total Project Cost:	$934,930.00	**Cumulative Expenditure:**	$0.00
Federal:	$934,930.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Interim Reports No. 1	TBA	No	
Watershed Interim Reports No. 2	TBA	No	
Watershed Interim Reports No. 3	TBA	No	
Watershed Final Reports	TBA	No	
Participate in a General Public Meeting	TBA	No	
Participate in Basin Specific Meetings	TBA	No	
Participate in Public Hearings	TBA	No	
Install Methodologies or Models at Illinois EPA	TBA	No	

Comments: Specific watersheds have not been selected.

Project Reports and Other Informational Materials:

03-(319)BY

FFY04 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Priority Lake & Watershed Implementation Program

Purpose: Section 319 funding will be used to supplement the existing State funded (Conservation 2000) Priority Lake and Watershed Implementation Program (PLWIP). PLWIP is a reimbursement grant program designed to support lake protection, restoration, and enhancement activities at "priority" lakes where causes and sources of problems are apparent, project sites are highly accessible, project size is relatively small, and local entities are in a position to quickly implement needed treatments. Funding is provided for in-lake BMPs (i.e., shoreline stabilization, aerator/destratifier installation) and near-lake BMPs (i.e., dry dams, filter strips) that reduce nonpoint source pollution or mitigate their impacts. The first round of PLWIP projects will stabilize eroding shorelines of Cedar Lake (200 feet at $32,000), Highland Old City Lake (500 feet at $11,250), Johnson City Lake (1,200 feet at $19,805), Pana Lake (1,100 feet at $26,859), and Walton Park Lake (1,000 feet at $34,386). Also, stabilization utilizing an aggregate breakwater to create an intermediate wetland on Kinkaid Lake ($35,000) and planting 20,000 aquatic plant seedlings at Paradise Lake ($5,700).

NPS Program: Hydrologic Modification & Agriculture

Project Location: TBA

Waterbody Name (ID): TBA

Subgrantee: TBA

Project Period: through

Total Project Cost:	$350,000.00	**Cumulative Expenditure:**	$34,386.00
Federal:	$250,000.00	**Federal:**	$34,386.00
State and Local:	$100,000.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
CEDAR LAKE			
Final Design	02/01/05	No	
Complete Construction	02/01/06	No	
Photo Documentation of Construction	06/01/06	No	
Install Project Sign	04/01/05	No	
Final Operation & Maintenance Plan	02/01/05	No	
Final Report	06/01/06	No	
HIGHLAND OLD CITY LAKE			
Final Design	02/01/05	No	
Complete Construction	02/01/06	No	
Photo Documentation of Construction	06/01/06	No	
Install Project Sign	04/01/05	No	
Final Operation & Maintenance Plan	02/01/05	No	
Final Report	06/01/06	No	
JOHNSON CITY LAKE			
Final Design	02/01/05	No	
Complete Construction	02/01/06	No	
Photo Documentation of Construction	06/01/06	No	
Install Project Sign	04/01/05	No	
Final Operation & Maintenance Plan	02/01/05	No	
Final Report	06/01/06	No	

Project Milestone	Completion Date	Completed Yes/No	Comments
PANA LAKE			
Final Design	02/01/05	No	
Complete Construction	02/01/06	No	
Photo Documentation of Construction	06/01/06	No	
Install Project Sign	04/01/05	No	
Final Operation & Maintenance Plan	02/01/05	No	
Final Report	06/01/06	No	
WALTON PARK LAKE			
Final Design	02/01/05	Yes	
Complete Construction	02/01/06	Yes	
Photo Documentation of Construction	06/01/06	Yes	
Install Project Sign	04/01/05	Yes	
Final Operation & Maintenance Plan	02/01/05	Yes	
Final Report	06/01/06	Yes	
KINKAID LAKE			
Final Design	02/01/05	No	
Complete Construction	02/01/06	No	
Photo Documentation of Construction	06/01/06	No	
Install Project Sign	04/01/05	No	
Final Operation & Maintenance Plan	02/01/05	No	
Final Report	06/01/06	No	
PARADISE LAKE			
Final Design	02/01/05	No	
Complete Construction	02/01/06	No	
Photo Documentation of Construction	06/01/06	No	
Install Project Sign	04/01/05	No	
Final Operation & Maintenance Plan	02/01/05	No	
Final Report	06/01/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Of Time and the River

Purpose: This educational project will combine archaeology, ethnohistory, several biological sciences, geology, and economics to survey the 12,000-year history of human use of the Illinois River. A web-based exhibit will be developed to 1) educate the public about the 12,000 year history of the Illinois River, 2) increase public awareness of nonpoint source pollution and associated problems and how these have adversely impacted the Illinois River through time, 3) highlight what has been done to resolve these problems, and 4) discuss what still needs to be done. The historical background provides a context for understanding changes that have occurred through time due to human activities in and around the river, specifically how nonpoint source pollution began and developed, the consequences of nonpoint source pollution for aquatic populations and those who rely on aquatic resources, and how the 1972 Clean Water Act and subsequent amendments initiated on-going programs to correct nonpoint source pollution.

NPS Program: Information/Education

Project Location: Sangamon County

Waterbody Name (ID):

Subgrantee: Illinois State Museum Society
502 South Spring Street
Springfield IL 62702

Project Period: 09/24/04 through 08/31/06

Total Project Cost:	$616,985.00	**Cumulative Expenditure:**	$129,044.21
Federal:	$295,712.00	**Federal:**	$56,793.39
State and Local:	$321,273.00	**State and Local:**	$72,250.82

Project Milestone	Completion Date	Completed Yes/No	Comments
Focus Group Names	09/01/04	Yes	
Draft Research Outline	09/30/04	Yes	
Draft NPS Scope and Content	10/31/04	Yes	
Draft Design Phase I	12/31/04	Yes	
Prototype Website Design Phase I	04/30/05	Yes	
Two (2) Copies of Website Design Phase I	05/15/05	Yes	
Focus Group Comment/Evaluations	06/30/05	No	
Draft Design Phase III	01/30/06	No	
Second Prototype	04/30/06	No	
Two (2) Copies of Website Design Phase III	05/15/06	No	
Focus Group Comments/Evaluations	06/01/06	No	
Post Website	07/31/06	No	
Draft Project Report	07/31/06	No	
Final Project Report	08/31/06	No	

Comments:

Project Reports and Other Informational Materials:

04-02 (319)BL

Title: Green Roof Project on the McKessen Building, Rock Island

Purpose: River Action, Inc. will install a green roof system on the roof (10,000 to 12,000 square feet) of the McKessen Building in downtown Rock Island. The project will address urban runoff impacts to the Mississippi River and demonstrate innovative, infiltration based stormwater management approaches for highly impervious areas in order to address pollution problems and reduce flooding. Access to the rooftop will be provided for regular tours of the project and case studies by high school and college students. Public workshops and seminars will be held for adults and school-age children. Street side and rooftop interpretive signage will be installed. Information will be provided to local media. A runoff measurement system will be designed that will include a precipitation gauge installed on both the green roof and a control roof.

NPS Program: Urban Stormwater & Information/Education

Project Location: Rock Island County

Waterbody Name (ID): Mississippi River

Subgrantee: River Action, Inc.
Post Office Box 964
Davenport, Illinois 52805-0964

Project Period: 06/14/04 through 07/15/06

Total Project Cost:	$527,383.00	**Cumulative Expenditure:**	$0.00
Federal:	$316,430.00	**Federal:**	$0.00
State and Local:	$210,953.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Green Roof Design	12/01/04	Yes	
Final Green Roof Design	02/01/05	No	
Draft Permits & Landowner Agreements	12/01/04	Yes	
Final Permits & Landowner Agreements	02/01/05	No	
Draft Operation & Maintenance Plan	12/01/04	Yes	
Final Operation & Maintenance Plan	02/01/05	No	
Design Implementation	12/31/05	No	
Photographic Documentation of Construction	06/30/06	No	
Draft Roof/Street Signs Designs	12/01/04	Yes	
Final Roof/Street Signs Designs	02/01/05	No	
Roof/Street Signs Installation	10/31/05	No	
Draft Brochure	03/01/05	Yes	
Final Brochure	04/01/05	No	
Complete Two Tours	12/31/05	No	
Draft Presentation	02/01/05	No	
Final Presentation	03/01/05	No	
Complete Two Meeting Presentations	05/31/05	No	
Draft Project Report	04/01/06	No	
Final Project Report	06/30/06	No	

Comments:

Project Reports and Other Informational Materials:

04-03 (319)ST

Title: Streambank Clean Up & Lakeshore Enhancement (SCALE)

Purpose: This project will provide financial assistance to selected applicants to conduct lakeshore and streambank clean-up events. Local organizations that have previously conducted a lakeshore or streambank clean-up event will be eligible to participate. The local sponsor will be given up to $3,500 to help conduct their clean-up event. The local sponsor can use the funds for event promotion, event equipment or disposal fees.

NPS Program: Hydrologic Modification

Project Location: Statewide

Waterbody Name (ID): TBA

Subgrantee: Not Applicable

Project Period: 09/01/04 through 01/31/07

Total Project Cost:	$100,000.00	**Cumulative Expenditure:**	$43,250.00
Federal:	$100,000.00	**Federal:**	$43,250.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Application Submittal, Year 1	12/01/04	Yes	
Application Submittal, Year 2	12/01/05	No	
Project Selection, Year 1	03/01/05	Yes	
Project Selection, Year 2	03/01/06	No	
Draft Final Report	01/01/07	No	
Final Report	01/31/07	No	

Comments: A total of sixty-five applications were received for year one.

Project Reports and Other Informational Materials:

Title: North Fork Embarras River Watershed Project – Phase 4

Purpose: This project will protect and improve the water quality of the North Fork Embarras River watershed by reducing nonpoint source pollution through a continuation of the efforts initiated with Section 319 funding under federal fiscal years 1996, 2000, and 2002. A comprehensive program of sediment and nutrient reduction will be implemented that includes watershed protection, information, and education efforts. Best management practices will be installed for both upland watershed protection and streambank protection.

NPS Program: Agriculture

Project Location: Counties of Jasper and Clark

Waterbody Name (ID): North Fork Embarras River (ILBEF05)

Subgrantee: North Fork Conservancy District
Post Office Box 7, 110 East Main
Casey, Illinois 62420

Project Period: 09/23/04 through 12/31/06

Total Project Cost:	$393,000.00	**Cumulative Expenditure:**	$69,193.04
Federal:	$235,800.00	**Federal:**	$36,974.97
State and Local:	$157,200.00	**State and Local:**	$32,218.07

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Project Implementation Strategy	08/01/04	Yes	
Final Project Implementation Strategy	09/01/04	Yes	
Technical Assistance	12/31/06	No	
Pre-construction Review	11/01/06	No	
Complete Construction of All BMPs	12/01/06	No	
Photo Documentation of Construction	12/01/06	No	
Newsletters & News Releases	12/31/06	No	
Water Quality Meetings/Workshop – Year 1	12/31/04	No	
Water Quality Meetings/Workshop – Year 2	12/31/05	No	
Project Site Tour – Year 1	11/01/04	No	
Project Site Tour – Year 2	11/01/05	No	
Outdoor Classroom/Workshop – Year 1	12/01/04	Yes	
Outdoor Classroom/Workshop – Year 2	12/01/05	No	
Project Sign Design	09/01/04	Yes	
Install Project Signs	11/01/04	Yes	
Draft Final Report	12/01/06	No	
Final Report	12/31/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Protecting Water Quality in Urban Centers of Illinois

Purpose: This proposal seeks to maintain and improve water quality in urbanized areas by creating a partnership between urban soil and water conservation districts (SWCDs) and Illinois EPA. Section 319 funds, in combination with local matching dollars or in-kind services, would be used to undertake special nonpoint source pollution prevention education/information projects aimed at local government land use decision makers and the development community. Grant funds to SWCDs would be used to develop the technical capabilities of SWCD staffs to develop and deliver technical educational materials or to conduct educational workshops or seminars.

NPS Program: Information/Education

Project Location: Statewide

Waterbody Name (ID): Not Applicable

Subgrantee: Association of Illinois Soil & Water Conservation Districts
2520 Main Street, Illinois State Fairgrounds
Springfield, Illinois 62702

Project Period: 06/08/04 through 07/31/06

Total Project Cost:	$161,480.00	**Cumulative Expenditure:**	$0.00
Federal:	$96,888.00	**Federal:**	$0.00
State and Local:	$64,592.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Submit List of Committee Members/Organization	07/15/04	Yes	
Draft Grant Program Strategy	09/15/04	Yes	
Final Grant Program Strategy	10/15/04	Yes	
Draft Grant Program Guidelines/Application	11/01/04	Yes	
Final Grant Program Guidelines/Application	12/01/04	Yes	
SWCD Training Session Agenda & Schedule	12/01/04	Yes	
SWCD Training Session Held	01/01/05	Yes	
Promotion Program Completed	02/01/05	Yes	
Draft SWCD Agreement	02/01/05	Yes	
Final SWCD Agreement	03/01/05	Yes	
Products	01/01/06	No	
Project Implementation Complete	06/01/06	No	
Photographs Documenting Implementation	07/01/06	No	
Workshop Schedule & Agenda	07/01/06	No	
Draft Informational Document	08/01/06	No	
Final Informational Document	09/01/06	No	
Draft Project Report	10/15/06	No	
Final Project Report	12/15/06	No	

Comments:

Project Reports and Other Informational Materials:

04-06(319)CD

Title: Greater Eliza Watershed Project – Phase 3

Purpose: The purpose of this project is to protect and improve the water quality of the Greater Eliza Watershed by reducing nonpoint source pollutants. The project will provide cost-share assistance to watershed landowners to implement a variety of upland and floodplain best management practices (i.e., willow post plantings, dry dams, terraces, waterways, grade stabilization structures, pasture management, vegetative filter strips). An educational program will be developed to educate the public about the importance of streambank stabilization and nonpoint source pollution. This project is a continuation of an effort initiated with FFY 1998 and FFY 2001 Section 319 funding.

NPS Program: Agriculture & Hydrologic Modification

Project Location: Mercer County

Waterbody Name (ID): Eliza Creek (ILMWD01)

Subgrantee: Mercer County Soil & Water Conservation District
308 Southeast 8th Avenue
Aledo, Illinois 61231

Project Period: 09/08/04 through 12/31/06

Total Project Cost:	$318,000.00	**Cumulative Expenditure:**	$23,358.77
Federal:	$190,800.00	**Federal:**	$14,015.25
State and Local:	$127,200.00	**State and Local:**	$9,343.52

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Project Implementation Strategy	08/01/04	Yes	
Final Project Implementation Strategy	09/01/04	Yes	
Technical Assistance	12/31/06	No	
Pre-Construction Review	11/01/06	No	
BMP Construction & Installation	12/01/06	No	
Project Sign Design	12/01/06	Yes	
Quarterly Newsletters	12/31/06	No	
Bi-monthly News Releases	12/31/06	No	
First Annual Water Quality Meeting/Workshop	12/31/05	Yes	
Second Annual Water Quality Meeting/Workshop	12/31/06	No	
First Project Site Tour	11/01/04	Yes	
Second Project Site Tour	11/01/05	No	
Draft Project Report	12/01/06	No	
Final Project Report	12/31/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Watershed-based Fecal Coliform Bacteria Source Assessment & Control

Purpose: The Illinois EPA has determined that the Rock River and many of its tributaries in Winnebago County do not support designated water uses of swimming and fish consumption. While eliminating the fish consumption advisory will likely require remediation of legacy pollutants originating beyond the boundaries of Winnebago County, the applicant believes that swimming can be restored with aggressive local action. This project aims to build upon Illinois EPA's understanding of the causes of use impairment in the Rock River, identify the sources of pollution, and to remediate those sources thereby restoring water quality and use. This effort has already begun, evidenced by the approved QAPP. Grant funds awarded to the City of Rockford will be used to supplement a project begun in Spring 2003 under a partnership between the Illinois EPA, City of Rockford, Rock River Water Reclamation District, and other communities on Winnebago County. Activities to be supported by Section 319 include 1) experimental design and QAPP Revision, 2) water quality monitoring, 3) data analysis and BMP design, 4) BMP implementation, 5) public education, and 6) partnership cooperation and grant management.

NPS Program: Monitoring/Evaluation

Project Location: Winnebago County

Waterbody Name (ID): Rock River ()

Subgrantee: City of Rockford, Department of Public Works
425 East State Street
Rockford, Illinois 61104

Project Period: 07/30/04 through 12/31/06

Total Project Cost:	$164,088.00	**Cumulative Expenditure:**	$0.00
Federal:	$82,044.00	**Federal:**	$0.00
State and Local:	$82,044.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft QAPP	07/01/04	Yes	
Final QAPP	08/01/04	No	
Complete Water Quality Monitoring	12/01/06	No	
Draft List of BMPs	06/01/05	No	
Final List of BMPs	07/01/05	No	
Draft BMP Designs	08/01/05	No	
Final BMP Designs	09/01/05	No	
Pre-Construction Review Submittal	06/01/06	No	
Construct All BMPs	10/01/06	No	
Photographic Documentation of BMP Construction	11/01/06	No	
Public Education Program Schedule	03/01/05	No	
Complete Public Education Program	12/01/06	No	
Draft Project Report	12/01/06	No	
Final Project Report	12/31/06	No	

Comments:

Project Reports and Other Informational Materials:

04-08(319)AW (JC)

Title: Kaskaskia River Watershed Hypoxia Analysis

Purpose: This project will utilize existing water quality data, which has been previously collected by state and federal sources, to develop a GIS that will allow for a greater understanding of the sources of entry for nutrients (nonpoint source) into the watershed. The advantages of GIS include the ability to incorporate additional data; such as current and historical land use, as well as the ability to develop information at local, regional, subwatershed or watershed levels. This project will deliver paper and electronic maps, with associated data, that will allow local soil and water conservation districts to better understand the impact that their region is having on the overall hypoxia phenomenon. The data developed as a component of this project will be able to be incorporated into the development and implementation of TMDLs, which would lead to an overall reduction in the factors that cause hypoxia.

NPS Program: Monitoring/Evaluation

Project Location: Counties of Bond, Clinton, Madison, Monroe, Randolph, St. Clair, & Washington.

Waterbody Name (ID): Kaskaskia River ()

Subgrantee: Southwestern Illinois Resource Conservation and Development, Inc.
406 East Main Street
Mascoutah, Illinois 62258

Project Period: 09/22/04 through 01/31/06

Total Project Cost:	$32,135.00	**Cumulative Expenditure:**	$0.00
Federal:	$19,281.00	**Federal:**	$0.00
State and Local:	$12,854.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
List of Committee Members	09/01/04	Yes	
Draft Monitoring Data Strategy	11/01/04	Yes	
Final Monitoring Data Strategy	02/01/05	Yes	
Complete Hypoxia Indicator Data Entry	06/01/05	No	Progress is being made.
Complete All Maps & Communication Efforts	10/01/05	No	
Submit Example Maps	08/01/05	No	
Conduct All Public Meetings	10/01/05	No	
Draft Project Report	12/01/05	No	
Final Project Report	12/31/05	No	

Comments:

Project Reports and Other Informational Materials:

Title: Watershed Based Planning

Purpose: The proposal is to coordinate the upgrade and development of four (4) watershed-based plans designed to improve water quality by controlling nonpoint source pollution. The Association of Illinois Soil & Water Conservation Districts (AISWCD) will provide oversight and review to ensure consistency with Illinois EPA and USEPA guidance.

NPS Program: All Categories

Project Location: McLean and Champaign Counties

Waterbody Name (ID): Evergreen Lake, Salt Fork Vermilion River

Subgrantee: Association of Illinois Soil & Water Conservation Districts
2520 Main Street, Illinois State Fairgrounds
Springfield, Illinois 62702

Project Period: 01/28/05 through 07/15/07

Total Project Cost:	$250,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$200,000.00	**Federal:**	$0.00
State and Local:	$50,000.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Execute Subcontracts	12/31/05	No	3 of the 4 contracts are executed.
Draft Watershed Based Plans	05/30/07	No	
Final Watershed Based Plans	07/01/07	No	
Draft Project Report	05/30/07	No	
Draft Project Report	05/30/07	No	

Comments:

Project Reports and Other Informational Materials:

Title: Homer Lake: Making it Clear.. One Household, One field at a Time

Purpose: The Champaign County Forest Preserve District (CCFPD) and Champaign County Soil and Water Conservation District (CCSWCD) will work cooperatively to inform agricultural and urban landowners within the Homer Lake watershed how they can cost-effectively reduce nonpoint source pollution inputs to the lake. In addition to informing large groups in workshops, an effort will be made to individually contact all agricultural producers to help them plan and implement the practices best suited for their operation. Incentive payments will be offered to implement agricultural practices (nutrient management, variable rate application technology, deep placement of phosphorus, vegetative buffers, and strip till) that will provide the greatest benefit to the lake. A specialized toolbar will be made available for deep-placement of phosphorus on agricultural fields. Equipment and plant stock will be provided for implementing residential practices.

NPS Program: Agriculture & Information/Education

Project Location: Champaign County

Waterbody Name (ID): Homer Lake ()

Subgrantee: Champaign County Soil & Water Conservation District
2110 W. Park Court, Suite C
Champaign, Illinois 61821

Project Period: 07/06/04 through 12/31/06

Total Project Cost:	$326,606.00	**Cumulative Expenditure:**	$0.00
Federal:	$195,960.00	**Federal:**	$0.00
State and Local:	$130,646.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft 2004 Educational Workshop Agenda	07/15/04	Yes	
Hold 2004 Educational Workshop	08/01/04	Yes	
Draft 2005 Educational Workshop Agenda	07/15/05	No	
Hold 2005 Educational Workshop	08/01/05	No	
BMP Individual Contacts & Assistance	12/01/06	No	
NMP Incentive Payments	10/01/06	No	
NMP Summary & Analysis	11/01/06	No	
VRT Incentive Payments	10/01/06	No	
VRT Summary & Analysis	11/01/06	No	
Toolbar made Available	02/01/05	No	Progress is being made.
Toolbar Incentive Payments	10/01/06	No	
CRP Contract Incentive Payments	10/01/06	No	
Draft Final Report	12/01/06	No	
Final Report	12/31/06	No	

Comments:

Project Reports and Other Informational Materials:

04-11(319)CD (JC)

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA will develop Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within selected watersheds on the 303(d) list through computer modeling. For each watershed, computer models will be used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development will be documented. Modeling results will be used to support the development of implementation plans for TMDL attainment.

NPS Program: Monitoring/Evaluation

Project Location: TBA

Waterbody Name (ID): TBA

Subgrantee: TBA

Project Period: TBA

Total Project Cost:	$343,200.00	**Cumulative Expenditure:**	$0.00
Federal:	$343,200.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Interim Reports No. 1	TBA	No	
Watershed Interim Reports No. 2	TBA	No	
Watershed Interim Reports No. 3	TBA	No	
Watershed Final Reports	TBA	No	
Participate in a General Public Meeting	TBA	No	
Participate in Basin Specific Meetings	TBA	No	
Participate in Public Hearings	TBA	No	
Install Methodologies or Models at Illinois EPA	TBA	No	

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

FFY04 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS)

Title: Water Quality Strategic Research Initiative

Purpose: This research project is headed by the Illinois Council on Food and Agricultural Research (C-FAR) Strategic Research Initiative (SRI) for Water Quality. The project will help fund continued research for four projects: 1) Effects of phosphorus mediated through algal biomass in Illinois streams; 2) Spatial and temporal relationships between biotic integrity of Illinois streams, dissolved oxygen, and nutrients (including controls on dissolved reactive and particulate phosphorus); 3) Seasonal dynamics of nutrients, algae and dissolved oxygen in agriculturally dominated headwater streams: the link between land-use and water quality; and 4) The impact of sediments on the potential bioavailability of phosphorus in Illinois streams. These four projects will directly impact Illinois EPA's nutrient standards and TMDL development programs.

NPS Program: Agriculture

Project Location: TBA

Waterbody Name (ID): TBA

Subgrantee: TBA

Project Period: TBA through TBA

Total Project Cost:	$416,667.00	**Cumulative Expenditure:**	$0.00
Federal:	$250,000.00	**Federal:**	$0.00
State and Local:	$166,667.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
TBA	TBA	No	

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

Title: Watershed Based Plan Upgrades in Northeastern Illinois

Purpose: The proposal is to coordinate the upgrade and development of watershed-based plans in northeastern Illinois. The Northeastern Illinois Planning Commission (NIPC) will send out a Request for Proposals to northeastern Illinois watershed planning groups. The proposals will be reviewed and ranked for completeness and cost-effectiveness and funding will be distributed to the watershed planning groups for the upgrade of their watershed plan. NIPC will be a member of each watershed planning team and will provide GIS support and technical oversight and review to ensure consistency with Illinois EPA and USEPA guidance.

NPS Program: All Categories

Project Location: TBA

Waterbody Name (ID): TBA

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Period: 07/02/04 through 08/31/06

Total Project Cost:	$393,406.00	**Cumulative Expenditure:**	$10,983.92
Federal:	$269,500.00	**Federal:**	$10,983.92
State and Local:	$123,906.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Request for Proposals (RFP)	07/01/04	Yes	
Publish, Advertise, Distribute RFP	08/01/04	Yes	
RFP Review, Rank, & Recommendations	11/01/04	Yes	
Draft Watershed Based Plans	05/01/06	No	
Final Watershed Based Plans	07/01/06	No	
Draft Final Report	07/15/06	No	
Final Report	08/31/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Fox River Watershed Planning, Restoration, & Protection

Purpose: This project will continue the implementation of the "Integrated Management Plan for the Fox River Watershed in Illinois." The project will include eight watershed restoration and protection projects as well as watershed-wide project coordination and technical assistance. Lake Run Habitat Restoration Project will restore a 3,600-foot segment of Long Run, a tributary of Blackberry Creek, and 25 acres of wetlands. Otter Creek Stream Restoration Project will stabilize 3,140 feet of eroding streambanks along Otter Creek, a tributary to Ferson Creek and the Fox River. St. Charles Stormwater Outfall Treatment Basin project will construct a wetland basin to receive and treat stormwater runoff prior to discharge to 7th Avenue Creek, a tributary of the Fox River. Poplar Creek Streambank Restoration Project will stabilize 200 feet of eroding streambanks along Poplar Creek, a tributary of the Fox River. Restoration of Lake Antioch Wetlands & Feedstream project will construct a stone filter check fence with wetland planting and stabilize 520 feet of eroding streambanks tributary to Lake Antioch. Presbury Lake Shoreline Restoration Project will stabilize eroding shoreline along Presbury Lake. Woods Creek Nonpoint Source Control project will retrofit two existing dry bottom detention basins into wetland detention basins, install native vegetation in ponds and adjacent areas upstream of Woods Creek to enhance pollutant removal, conduct storm drain stenciling, and install educational signage. Long Lake Shoreline Stabilization Project will stabilize 1,400 feet of eroding shoreline along Long Lake. The Fox River is included on Illinois' 303(d) list. This project will execute nonpoint source pollution control recommendations of a watershed-based plan for the Fox River.

NPS Program: Urban Stormwater & Hydrologic Modification

Project Location: Counties of Cook, Kane, & Lake

Waterbody Name (ID): Fox R. (), Blackberry Cr. (ILDTD02), Otter Cr. (ILDTF02), Poplar Cr. (ILDTG02), Lake Antioch, Presbury Lake, Woods Cr., Long Lake (ILRTJ)

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Period: 06/14/04 through 07/15/06

Total Project Cost:	$2,040,638.00	**Cumulative Expenditure:**	$141,675.22
Federal:	$1,224,341.00	**Federal:**	$96,598.90
State and Local:	$816,297.00	**State and Local:**	$45,076.32

Project Milestone	Completion Date	Completed Yes/No	Comments
LAKE RUN HABITAT RESTORATION PROJECT			
Draft Design	12/01/04	No	
Final Design	02/01/05	No	
Draft Permits & Agreements	02/01/05	No	
Final Permits & Agreements	04/01/05	No	
Design Implementation	02/01/06	No	
Photo Documentation of Implementation	04/01/06	No	
Project Sign Designs	02/01/05	Yes	
Install Signs	02/01/06	No	

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Operation & Maintenance Plan	02/01/06	No	
Final Operation & Maintenance Plan	04/01/06	No	
OTTER CREEK STREAM RESTORATION PROJECT			
Draft Design	12/01/04	Yes	
Final Design	02/01/05	Yes	
Draft Permits & Agreements	02/01/05	No	
Final Permits & Agreements	04/01/05	No	
Design Implementation	02/01/06	No	
Photo Documentation of Implementation	04/01/06	No	
Project Sign Designs	02/01/05	No	
Install Signs	02/01/06	No	
Draft Operation & Maintenance Plan	02/01/06	No	
Final Operation & Maintenance Plan	04/01/06	No	
ST. CHARLES STORMWATER OUTFALL TREATMENT PROJECT			
Draft Design	12/01/04	Yes	
Final Design	02/01/05	Yes	
Draft Permits & Agreements	02/01/05	No	
Final Permits & Agreements	04/01/05	No	
Design Implementation	02/01/06	No	
Photo Documentation of Implementation	04/01/06	No	
Project Sign Designs	02/01/05	Yes	
Install Signs	02/01/06	No	
Draft Operation & Maintenance Plan	02/01/06	No	
Final Operation & Maintenance Plan	04/01/06	No	
POPLAR CREEK STREAMBANK RESTORATION PROJECT			
Draft Design	12/01/04	No	
Final Design	02/01/05	No	
Draft Permits & Agreements	02/01/05	No	
Final Permits & Agreements	04/01/05	No	
Design Implementation	02/01/06	No	
Photo Documentation of Implementation	04/01/06	No	
Project Sign Designs	02/01/05	No	
Install Signs	02/01/06	No	
Draft Operation & Maintenance Plan	02/01/06	No	
Final Operation & Maintenance Plan	04/01/06	No	
RESTORATION OF LAKE ANTIOCH WETLANDS & FEEDSTREAM			
Draft Design	12/01/04	Yes	
Final Design	02/01/05	Yes	
Draft Permits & Agreements	02/01/05	No	
Final Permits & Agreements	04/01/05	No	
Design Implementation	02/01/06	No	
Photo Documentation of Implementation	04/01/06	No	
Project Sign Designs	02/01/05	No	
Install Signs	02/01/06	No	
Draft Operation & Maintenance Plan	02/01/06	No	
Final Operation & Maintenance Plan	04/01/06	No	
PRESTBURY LAKE SHORELINE RESTORATION PROJECT			
Draft Design	12/01/04	Yes	
Final Design	02/01/05	Yes	
Draft Permits & Agreements	02/01/05	No	
Final Permits & Agreements	04/01/05	No	
Design Implementation	02/01/06	No	
Photo Documentation of Implementation	04/01/06	No	
Project Sign Designs	02/01/05	No	
Install Signs	02/01/06	No	
Draft Operation & Maintenance Plan	02/01/06	No	
Final Operation & Maintenance Plan	04/01/06	No	
WOODS CREEK NONPOINT SOURCE CONTROL PROJECT			
Draft Design	12/01/04	No	

Project Milestone	Completion Date	Completed Yes/No	Comments
Final Design	02/01/05	No	
Draft Permits & Agreements	02/01/05	No	

Final Permits & Agreements	04/01/05	No
Design Implementation	02/01/06	No
Photo Documentation of Implementation	04/01/06	No
Project Sign Designs	02/01/05	No
Install Signs	02/01/06	No
Draft Operation & Maintenance Plan	02/01/06	No
Final Operation & Maintenance Plan	04/01/06	No
Draft Storm Drain Stencils	12/01/04	No
Complete Stenciling	09/01/05	No
LONG LAKE SHORELINE STABILIZATION PROJECT		
Draft Design	12/01/04	Yes
Final Design	02/01/05	Yes
Draft Permits & Agreements	02/01/05	No
Final Permits & Agreements	04/01/05	No
Design Implementation	02/01/06	No
Photo Documentation of Implementation	04/01/06	No
Project Sign Designs	02/01/05	Yes
Install Signs	02/01/06	No
Draft Operation & Maintenance Plan	02/01/06	No
Final Operation & Maintenance Plan	04/01/06	No
Draft Final Report	04/01/06	No
Final Report	06/01/06	No

Comments:

Project Reports and Other Informational Materials:

Title: Upper DesPlaines River WRAS Implementation

Purpose: This project will continue the implementation of the Upper DesPlaines River Watershed Restoration Action Strategy as prepared by the Upper DesPlaines River Ecosystem Partnership. The project will include three watershed restoration and protection projects as well as watershed-wide project coordination and technical assistance. Indian Creek Restoration Project will stabilize eroding streambanks along a 2,200 foot section of Indian Creek, a tributary of the DesPlaines River, install a series of settling ponds within an existing detention basin, and interpretive signage. Ryerson Conservation Area - Visitors Center Site Work project will install stormwater BMPs (porous pavement, bioswales, and rain garden) during construction of a new visitor's center and implement educational activities (interpretive signs, exhibit panels, and brochures). Ravinia and Indian Creek Parks Project will include 1,580 feet of streambank stabilization and upland slope stabilization, spillway replacement, vegetation management and planting, 0.4 acres of floodplain restoration, stormwater wetland, and interpretive signage along improved trails. The DesPlaines River is included on Illinois' 303(d) list. This project will execute nonpoint source pollution control recommendations of a watershed-based plan for the DesPlaines River.

NPS Program: Hydrologic Modification, Urban Stormwater, & Information/Education

Project Location: Lake County

Waterbody Name (ID): DesPlaines R. (ILG30), Indian Cr. (ILGU02), Sylvan Lake (ILRGZF)

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Period: 07/02/04 through 07/15/06

Total Project Cost:	$659,023.00	**Cumulative Expenditure:**	$4,913.40
Federal:	$395,406.00	**Federal:**	$4,913.40
State and Local:	$263,617.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
INDIAN CREEK RESTORATION PROJECT			
Draft Design	12/01/04	Yes	
Final Design	02/01/05	No	
Draft Permits & Agreements	02/01/05	No	
Final Permits & Agreements	04/01/05	No	
Design Implementation	02/01/06	No	
Photo Documentation of Implementation	04/01/06	No	
Project Sign Designs	02/01/05	No	
Install Signs	02/01/06	No	
Draft Operation & Maintenance Plan	02/01/06	No	
Final Operation & Maintenance Plan	04/01/06	No	
Draft Brochure	02/01/06	No	
Final Brochure	04/01/06	No	
Public Meeting Agenda, etc.	03/01/06	No	
Hold Public Meeting	04/01/06	No	
Plan for Educational Sign	02/01/06	No	
Install Educational Sign	04/01/06	No	

Project Milestone	Completion Date	Completed Yes/No	Comments
RYERSON CONSERVATION AREA – VISITORS CENTER SITE WORK			
Draft Design	12/01/04	No	
Final Design	02/01/05	No	
Draft Permits & Agreements	02/01/05	No	
Final Permits & Agreements	04/01/05	No	
Design Implementation	02/01/06	No	
Photo Documentation of Implementation	04/01/06	No	
Project Sign Designs	02/01/05	No	
Install Signs	02/01/06	No	
Draft Operation & Maintenance Plan	02/01/06	No	
Final Operation & Maintenance Plan	04/01/06	No	
Draft Interpretive Sign Design	12/01/05	No	
Final Interpretive Sign Design	02/01/06	No	
Install Interpretive Signage System	04/01/06	No	
Draft Brochure	02/01/06	No	
Final Brochure	04/01/06	No	
RAVINIA AND INDIAN CREEK PARKS PROJECT			
Draft Design	12/01/04	No	
Final Design	02/01/05	No	
Draft Permits & Agreements	02/01/05	No	
Final Permits & Agreements	04/01/05	No	
Design Implementation	02/01/06	No	
Photo Documentation of Implementation	04/01/06	No	
Project Sign Designs	02/01/05	No	
Install Signs	02/01/06	No	
Draft Operation & Maintenance Plan	02/01/06	No	
Final Operation & Maintenance Plan	04/01/06	No	
Draft Interpretive Sign Design	12/01/05	No	
Final Interpretive Sign Design	02/01/06	No	
Install Interpretive Signage System	04/01/06	No	
Draft Final Report	04/01/06	No	
Final Report	06/01/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Conservation Reserve Enhancement Program (CREP) Assistance

Purpose: The Association of Illinois Soil & Water Conservation District (AISWCD) will subcontract with SWCDs to hire staff to facilitate the enrollment process of the Conservation reserve Enhancement Program (CREP) by setting appointments with producers to discuss CREP and conduct field visits to determine program eligibility. The SWCDs will complete the Conservation Reserve Program - 2 form, type the Conservation Plan of Operations, obtain the necessary producer signatures on required documents, and complete all state CREP enrollment forms. The SWCDs will coordinate activities associated with land surveys, producer signatures on easements, and recording easements with the local abstract office. Field assistance will be provided to the survey and design teams as well as construction assistance by evaluating the construction expenses and completing form AD-862.

NPS Program: Agriculture

Project Location: TBA

Waterbody Name (ID): Not Applicable

Subgrantee: Association of Illinois Soil & Water Conservation Districts
2520 Main Street
Springfield, Illinois 62702

Project Period: 05/05/05 through 07/17/07

Total Project Cost:	$330,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$330,000.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
List of FY05 Districts	03/18/05	Yes	
Draft FY05 subcontracts	03/18/05	Yes	
Final FY05 subcontracts	04/22/05	Yes	
Employ FY05 employees	05/22/05	No	
Employee names and qualifications	05/31/05	No	
List of FY06 Districts	08/15/05	No	
Draft FY06 subcontracts	08/15/05	No	
Final FY06 subcontracts	09/23/05	No	
Employ FY06 employees	10/03/05	No	
Employee names and qualifications	10/31/05	No	
Draft Project Report	04/30/07	No	
Final Project Report	06/29/07	No	

Comments:

Project Reports and Other Informational Materials:

Title: North Branch Watershed Project - Ongoing Implementation Phase

Purpose: This application seeks additional funding in order to implement additional Best Management Practices (BMP) in accordance with the North Branch Watershed Management Plan in Lake and Cook Counties. Lake County Stormwater Management Commission (SMC) and Friends of the Chicago River (Friends) expect that their current funding under the FFY 2002 Section 319 grant will be exhausted prior to the end date of the current agreement. Therefore, to maintain the current (and continually growing) interest in the watershed and BMP projects, Friends request additional funding to continue watershed plan implementation in the North Branch Chicago River Watershed. In addition, the North Branch Open Space plan will be completed by the end of this year. The Open Space Plan will provide additional project ideas and support for choosing projects with water quality and other benefits. The North Branch Chicago River is included on Illinois' 303(d) list. This project will execute nonpoint source pollution control recommendations of a watershed-based plan for the North Branch Chicago River.

NPS Program: Urban Stormwater & Hydrologic Modification

Project Location: Lake County

Waterbody Name (ID): North Branch Chicago River

Subgrantee: Lake County Stormwater Management Commission
333 Peterson Road
Libertyville, Illinois 60048

Project Period: 6/29/04 through 07/31/06

Total Project Cost:	$1,225,339.00	**Cumulative Expenditure:**	$0.00
Federal:	$606,782.00	**Federal:**	$0.00
State and Local:	$618,557.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Designs for All BMPs	04/30/05	No	Progress is being made.
Complete Installation of All BMPs	04/30/06	No	
Photographic Documentation of BMP Installation	05/15/06	No	
Draft Project Report	05/31/06	No	
Final Project Report	06/30/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: AISWCD / Illinois EPA Watershed Liaison Position

Purpose: This project will allow for continued technical, educational, and informational assistance to, and through the county soil and water conservation districts. This position will provide assistance to Illinois EPA regarding water quality issues, program outreach and implementation. Continuing the existence of the Watershed Liaison position will allow for the initiatives/programs developed thus far to be improved upon and expanded.

NPS Program: Agriculture

Project Location: TBA

Waterbody Name (ID): Not Applicable

Subgrantee: Association of Illinois Soil & Water Conservation Districts
2520 Main Street, Illinois State Fairgrounds
Springfield, Illinois 62702

Project Period: TBA through TBA

Total Project Cost:	$160,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$160,000.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
TBA			

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA will develop Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within selected watersheds on the 303(d) list through computer modeling. For each watershed, computer models will be used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development will be documented. Modeling results will be used to support the development of implementation plans for TMDL attainment.

NPS Program: Monitoring/Evaluation

Project Location: TBA

Waterbody Name (ID): TBA

Subgrantee: TBA

Project Period: TBA

Total Project Cost:	$810,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$810,000.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Interim Reports No. 1	TBA	No	
Watershed Interim Reports No. 2	TBA	No	
Watershed Interim Reports No. 3	TBA	No	
Watershed Final Reports	TBA	No	
Participate in a General Public Meeting	TBA	No	
Participate in Basin Specific Meetings	TBA	No	
Participate in Public Hearings	TBA	No	
Install Methodologies or Models at Illinois EPA	TBA	No	

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

FFY05 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: City of Chicago Best Management Practices Implementation

Purpose: This project will address nonpoint source pollution urban runoff impacts to the Chicago River and Lake Michigan and demonstrate innovative, infiltration based stormwater management approaches for highly pervious areas. The project includes design and construction of the following practices at the Household Hazardous Waste Collection Facility: a vegetated roof, permeable paving in the employee parking area, and the installation of two bioretention swales - one along the frontage of the facility and the other along the river. The City of Chicago will partner with Friends of the Chicago River to provide an extensive public outreach campaign that will include signage and brochures, press releases and presentations to the public. The North Branch Chicago River and Lake Michigan are included on Illinois' 303(d) list. This project will execute nonpoint source pollution control recommendations of a watershed-based plan for the North Branch Chicago River.

NPS Program: Urban Stormwater

Project Location: Cook County

Waterbody Name (ID): North Branch Chicago River ( ) and Lake Michigan ( )

Subgrantee: City of Chicago, Department of General Services
30 North La Salle
Chicago, Illinois 60602

Project Period: 07/13/05 through 07/31/07

Total Project Cost:	$510,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$306,000.00	**Federal:**	$0.00
State and Local:	$204,000.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Final Design	08/30/05	No	
Design Implementation	08/30/06	No	
Photo Documentation of Implementation	09/30/06	No	
Project Sign Designs	08/30/05	No	
Install Signs	09/30/05	No	
Draft Operation & Maintenance Plan	08/30/05	No	
Final Operation & Maintenance Plan	08/30/06	No	
Draft Education & Outreach Strategy	08/30/05	No	
Final Education & Outreach Strategy	10/15/05	No	
Complete Community Involvement Activities	08/30/06	No	
Final Outreach Materials	07/31/06	No	
Draft Project Report	09/30/06	No	
Final Project Report	11/15/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Nonpoint Source Pollution Control Program Evaluation

Purpose: TBA

NPS Program: Monitoring/Evaluation

Project Location:

Waterbody Name (ID): Not Applicable

Subgrantee:

Project Period: through

Total Project Cost:	$175,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$175,000.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
TBA	TBA	TBA	

Comments:

Project Reports and Other Informational Materials:

Title: Lincoln Park Zoo South Pond Environmental Education Project

Purpose: This project will use the South Pond to educate visitors of the Lincoln Park Zoo about the issues related to water quality and non-point source pollution. The project includes programs that range from highly interactive projects (Education Kits for teachers) to family oriented (story books for children) to fascinating multi-media projects (video and curiosity carts). 'Curiosity Carts' are rolling activity carts, designed around a specific theme. Zoo Docents will take a cart on to Zoo grounds and engage the public in hands-on activities for brief but meaningful interpersonal education about water quality issues. Educational Loan Kits are for take-away education projects extending lessons from the Zoo to classrooms or homes outside the Zoo. Teachers, parents, or other group leaders who visit the Pond can check out a kit and take it with them to use with other classes or groups at home. A children's book will be developed to tell the story of the ecological history of the shoreline and the pond from the point of view of a 250-year-old tree on the bank of the south pond. Additionally, to reach a somewhat older audience, a short educational video will be produced on the ecological history of the South Pond.

NPS Program: Information/Education

Project Location: Cook County

Waterbody Name (ID):

Subgrantee: Lincoln Park Zoo
2001 North Clark Street
Chicago, Illinois 60614

Project Period: 07/18/05 through 08/31/06

Total Project Cost:	$123,824.00	**Cumulative Expenditure:**	$0.00
Federal:	$74,294.00	**Federal:**	$0.00
State and Local:	$49,530.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
CLEAN WATER CARTS			
Draft Design	01/02/06	No	
Final Design	01/30/06	No	
Draft Educational Materials and Activities	01/02/06	No	
Final Educational Materials and Activities	01/30/06	No	
Outline for Training Zoo Docents	02/21/06	No	
Complete Construction of Carts	04/03/06	No	
EDUCATIONAL LOAN KITS			
Draft Educational Materials and Activities	08/15/05	No	
Final Educational Materials and Activities	09/05/05	No	
Advisory Committee/School Group Names	10/03/05	No	
Marketing/Testing Results	10/03/05	No	
Completion of Kits	10/17/05	No	
CHILDRENS BOOK			
Draft Narrative	01/02/06	No	
Revised Narrative	02/01/06	No	
Draft Pre-Color Artwork	03/13/06	No	
Revised Pre-Color Artwork	03/27/06	No	
Draft Children's Book	04/24/06	No	
Final Children's Book	05/12/06	No	
Printing/Submit Twenty Copies	06/12/06	No	

Project Milestone	Completion Date	Completed Yes/No	Comments
SOUTH POND VIDEO			
Draft Script	02/15/06	No	
Final Script	03/15/06	No	
Location for Video	03/15/06	No	
Source Video	04/15/06	No	
Copies of Video	05/01/06	No	
Submit Ten Copies of Video	05/01/06	No	
PROJECT EVALUATION AND REPORT			
Draft Report	07/30/06	No	
Final Report	08/31/06	No	

Comments:

Project Reports and Other Informational Materials:

Title: Streambank Erosion Control in the Lake Galena Watershed

Purpose: This project will reduce nonpoint source (NPS) pollution currently being delivered to Lake Galena. The project will accomplish this through the installation of best management practices (BMPs) adjacent to the lake and within the watershed. BMPs will be used to stabilize 155 feet of lakeshore and 6,750 feet of streambank.

NPS Program: Hydrologic Modification

Project Location: JoDaviess County

Waterbody Name (ID): Lake Galena (ILRMM)

Subgrantee: Galena Territory Association
2000 Territory Drive
Galena, Illinois 61036

Project Period: TBA through TBA

Total Project Cost:	$399,742.00	**Cumulative Expenditure:**	$0.00
Federal:	$239,845.00	**Federal:**	$0.00
State and Local:	$159,897.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Shoreline Design	TBA		
Final Shoreline Design	TBA		
Draft Streambank Design	TBA		
Final Streambank Design	TBA		
Draft Drainage Ditch Design	TBA		
Final Drainage Ditch Design	TBA		
Draft Agreements	TBA		
Final Agreements	TBA		
Complete Construction	TBA		
Photographic Documentation of Construction	TBA		
Sign Design	TBA		
Sign Installation	TBA		
Draft O & M Plans	TBA		
Final O & M Plans	TBA		
Draft Report	TBA		
Final Report	TBA		

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

Title: Information/Education

Purpose: The Illinois EPA will expand its information/education efforts concerning nonpoint source pollution through special projects and partnerships with other organizations. Funding would be utilized on an as needed basis for routine and special projects such as water festivals, Farm Progress Show, agricultural demonstration days, exhibits or displays at conferences and other events, brochures, newsletters, videotape productions, etc. to educated the public and target groups about nonpoint source pollution and management techniques.

NPS Program: Information/Education

Project Location: TBA

Waterbody Name (ID): TBA

Subgrantee: TBA

Project Period: TBA through TBA

Total Project Cost:	$20,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$20,000.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
TBA	TBA		
TBA	TBA		
TBA	TBA		

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

05-05(310)AW

Title: Technical Assistance for Green Infrastructure Projects

Purpose: This project will develop two web-based models and a valuation model that encourage the strategic use of green infrastructure (wetlands, trails, greenways, trees, mature landscaping, etc.) to reduce costs for stormwater management and improve water quality, as well as improved habitat for native flora and fauna and increased recreation and open space opportunities.

NPS Program: Information/Education

Project Location: Cook County

Waterbody Name (ID): Not Applicable

Subgrantee: Center for Neighborhood Technology
2125 West North Avenue
Chicago, Illinois 60647

Project Period: TBA through 12/31/06

Total Project Cost:	$167,570.00	**Cumulative Expenditure:**	$0.00
Federal:	$80,000.00	**Federal:**	$0.00
State and Local:	$87,570.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Design Committee Formed	12/15/05	No	
List of Committee Members	11/31/05	No	
Submit Detailed Model Ordinance	01/31/06	No	
Working Versions of Models	03/01/06	No	
Complete Model Programming	06/15/06	No	
Submit Detailed Mechanism Outline	01/31/06	No	
Working Version of Mechanism	03/01/06	No	
Complete Mechanism Programming	06/15/06	No	
Community Staff Training	06/15/06	No	
Draft Project Report	06/30/06	No	
Final Project Report	07/31/06	No	

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

Title: Manure Management Options for Swine Producers to Reduce NPS Pollution

Purpose: This project will complete and fully operationalize a production-scale integrated livestock waste management demonstration site. The project will demonstrate new or improved best management practices that singularly or in combination result in reduced nonpoint source pollution and improved water quality. Educational materials will be designed to inform farmers, educators, and the general public about the impacts of nonpoint source pollution originating from the land application of manure on ground and surface water and how and how it can be reduced. The project will reduce the nonpoint source pollution potential of the Illinois State University Farm-Lexington livestock operation of (1,000 A.U. approximately) to Turkey Creek, a tributary to the Mackinaw River.

NPS Program: Agriculture & Information/Education

Project Location: McLean County

Waterbody Name (ID): Mackinaw River ()

Subgrantee: Illinois State University (LUW Team)
5020 AGR
Normal, Illinois 61790-5020

Project Period: TBA through 07/31/07

Total Project Cost:	$446,195.00	**Cumulative Expenditure:**	$0.00
Federal:	$267,717.00	**Federal:**	$0.00
State and Local:	$178,478.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Complete Waste Management Production Facility	TBA	No	
Complete Monitoring & Analysis	TBA	No	
Submit Monitoring & Analysis Summary	TBA	No	
Install Sign	TBA	No	
Draft Educational Materials	TBA	No	
Final Educational Materials	TBA	No	
Conduct Workshop/Field Day	TBA	No	
Draft Project Report	TBA	No	
Final Project Report	TBA	No	

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

Title: Bringing Wetlands to Life Through Restoration and Public Communication

Purpose: Wetlands Research, Inc. (WRI) manages the Des Plaines River Wetlands Demonstration Project (DPRWDP) located on approximately 550 aces of Lake County Forest Preserve District property in Wadsworth, Lake County, Illinois. WRI will be initiating a restoration project on the floodplains of the Des Plaines River and researching significant ecological elements, such as, hydrologic conditions, water chemistry, and vegetation reestablishment. Monitoring the performance of the developing wetland will determine if the wetland is evolving water quality, hydrology and vegetation characteristics reflective of a natural wetland. This project will create 6.8 acres of wetland and enhance 5.3 acres of existing wetland. WRI will also execute a public communications campaign (media relations, community outreach, print materials, on-site signage and multimedia production) to educate the public about the values of wetlands, particularly in minimizing non-point source pollution.

NPS Program: Hydrologic Modification & Information/Education

Project Location:

Waterbody Name (ID):

Subgrantee: Wetland Research, Inc.
53 West Jackson Boulevard, #1015
Chicago, Illinois 60604

Project Period: TBA through 06/30/07

Total Project Cost:	$325,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$195,000.00	**Federal:**	$0.00
State and Local:	$130,000.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Wetland Restoration Design	12/31/05	No	
Final Wetland Restoration Design	02/28/06	No	
Draft Permits & Landowner Agreements	12/31/05	No	
Final Permits & Landowner Agreements	02/28/06	No	
Draft Operation & Maintenance Plan	12/31/05	No	
Final Operation & Maintenance Plan	02/28/06	No	
Complete Restoration	05/31/07	No	
Photographic Documentation of Restoration	06/30/07	No	
Wetland Monitoring Data	06/30/07	No	
Draft Signs Design	12/31/05	No	
Final Signs Design	03/31/06	No	
Signs Installation	10/31/06	No	
Draft Brochure	05/31/06	No	
Final Brochure	08/31/06	No	
Final News Releases	05/31/07	No	
Draft Video Productions	12/31/06	No	
Final Video Productions	03/31/07	No	
Final Video DVDs Copies	06/30/07	No	
Draft Project Report	12/31/06	No	
Final Project Report	02/28/07	No	

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:
05-07(319) ST

FFY04 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS)

Title: NRCS Urban Office Technical Assistance

Purpose: The Recipient shall maintain the Community Assistance and Watershed Planning Office to serve the six county northeastern Illinois area. This office will provide nonpoint source pollution control related technical assistance to the soil and water conservation districts, planning commissions, county departments, townships and municipalities in northeastern Illinois. In addition to direct technical assistance, the staff of this office will provide information/education and training assistance. The major focus of the office will be on erosion/sediment control, water quality and natural resource management. Funding under this Agreement shall be used by the Recipient to support the activities of the Community Assistance and Watershed Planning Office.

NPS Program: All Categories

Project Location: Counties of Cook, Lake, McHenry, DuPage, Will, and Kane

Waterbody Name (ID): Not Applicable

Subgrantee: USDA - Natural Resources Conservation Service
2118 West Park Court
Champaign, Illinois 61820

Project Period: 06/20/05 through 07/31/08

Total Project Cost:	$120,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$120,000.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Progress Report	10/15/05	No	
Progress Report	01/15/06	No	
Progress Report	04/15/06	No	
Progress Report	07/15/06	No	
Progress Report	10/15/06	No	
Progress Report	01/15/07	No	
Progress Report	04/15/07	No	
Progress Report	07/15/07	No	
Progress Report	10/15/07	No	
Progress Report	01/15/08	No	
Progress Report	04/15/08	No	
Progress Report	07/15/08	No	

Comments:

Project Reports and Other Informational Materials:

Title: Patriot's Park Lake Phase 2 Implementation

Purpose: The Kingsbury Park District will implement recommendations of the Phase 1 Diagnostic/Feasibility Study completed for Patriot's Park Lake. Implementation will include conservation programs (CRP initiative, conservation cover initiative and easement and restoration), dredging the lake forebay and rehabilitation of the forebay dam, construction of stormwater wetland basins and dredging two existing basins in the watershed, and stabilization of 1,840 feet of eroding shoreline.

NPS Program: Hydrologic Modification

Project Location: Bond County

Waterbody Name (ID): Patriot's Park Lake ()

Subgrantee: Kingsbury Park District
114 North 2nd Street
Greenville, Illinois 62246

Project Period: 07/28/05 through 07/15/07

Total Project Cost:	$325,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$325,000.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design	08/15/05	No	
Final Design	09/30/05	No	
Draft Operation & Maintenance Plan	08/15/05	No	
Final Operation & Maintenance Plan	09/30/05	No	
Complete Installation of BMPs	05/31/07	No	
Photographic Documentation of Installation	05/31/07	No	
Install Sign	04/01/06	No	
Draft Project Report	04/15/07	No	
Final Project Report	06/01/07	No	

Comments:

Project Reports and Other Informational Materials:

Title: Springdale Restoration Project

Purpose: This project will stabilize eroding streambanks of Springdale Creek, a tributary to Illinois River, through the construction of rock check dams and stone pool and riffle structures, rehabilitation of failing structures (culverts, drainage tiles, storm drain pipes, etc.), and installation of native vegetation. The project also includes and education component and monitoring to document BMP effectiveness.

NPS Program: Hydrologic Modification

Project Location: Peoria County

Waterbody Name (ID): Illinois River ()

Subgrantee: Tri-County Planning Commission
411 Hamilton Blvd., Suite 201
Peoria, Illinois 61602

Project Period: TBA through TBA

Total Project Cost:	$473,110.00	**Cumulative Expenditure:**	$0.00
Federal:	$283,866.00	**Federal:**	$0.00
State and Local:	$189,244.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
TBA	TBA		

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

Title: Stream Corridor Restoration Project - Phase 3 (Trib. 6)

Purpose: This project will install streambank stabilization best management practices (BMPs) to improve water quality, reduce nonpoint source pollution, and enhance aquatic habitat along a section of Tributary # 6 (Hobson Creek), a tributary of the East Branch of the DuPage River. The project will involve the installation of approximately 665 linear feet of BMPs (i.e., rip-rap, A-jacks, artificial rock riffles, streambank resloping, vegetated geogrid, erosion control blanket, vegetative stabilization) on Tributary # 6 to stabilize eroded streambanks, reduce nonpoint source pollution, establish a 0.35 acre riparian buffer, enhance habitat and aesthetics, and provide other beneficial hydrologic functions. The East Branch DuPage River is a Category 1 watershed in the Unified Watershed Assessment and is included on Illinois 303d list. The TMDL and implementation plan for the East Branch DuPage River are complete.

NPS Program: Hydrologic Modification

Project Location: DuPage County

Waterbody Name (ID): East Branch DuPage River (ILGBL10)

Subgrantee: Hobson Creek Community Council
23W420 Country Court
Naperville, Illinois 60540

Project Period: TBA through 04/30/07

Total Project Cost:	$139,865.00	**Cumulative Expenditure:**	$0.00
Federal:	$83,919.00	**Federal:**	$0.00
State and Local:	$55,946.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	06/01/05	No	
Final Design Specifications	08/01/05	No	
Draft Permits & Landowner Agreements	06/01/05	No	
Final Permits & Landowner Agreements	08/01/05	No	
Design Implementation	12/31/06	No	
Photo Documentation of Construction	04/30/07	No	
Project Sign Designs	08/01/05	No	
Install Signs	12/31/06	No	
Draft Operation & Maintenance Plan	06/01/05	No	
Final Operation & Maintenance Plan	08/01/05	No	
Draft Final Report	02/28/07	No	
Final Report	04/30/07	No	

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

05-11(319)ST

Title: Spring Brook Remediation Project

Purpose: This project will install selected management practices on a segment of Spring Brook, a tributary of Salt Creek in the village of Roselle, Illinois, to stabilize the eroding streambanks and streambed. The selected management practices shall include the stabilization of 1,455 feet of eroding streambanks using techniques such as A-jacks, vegetated geogrids, coir fiber rolls, selective tree removal, native vegetation planting, erosion control blankets, and the excavation of floodplain terraces to be re-vegetated as riparian wetlands. The selected management practices shall also include the stabilization of the streambed through the implementation of ten (10) riffle grade control structures.

NPS Program: Hydrologic Modification

Project Location: DuPage County

Waterbody Name (ID): Spring Brook (ILGBL01)

Subgrantee: Walnut Oaks Homeowners Network
640 Walnut Oaks Court
Roselle, Illinois 60172

Project Period: 05/24/05 through 07/31/07

Total Project Cost:	$500,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$300,000.00	**Federal:**	$0.00
State and Local:	$200,000.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
SPRING BROOK RESTORATION PROJECT			
Draft Design Specifications	02/01/06	No	
Final Design Specifications	04/01/06	No	
Draft Permits and Landowner Agreements	02/01/06	No	
Final Permits and Landowner Agreements	04/01/06	No	
Design Implementation	04/01/07	No	
Photographic Documentation of Construction	05/01/07	No	
URBAN RUNOFF BMP DEMONSTRATIONS SITES			
Draft Design Specifications	02/01/06	No	
Final Design Specifications	04/01/06	No	
Draft Permits and Landowner Agreements	02/01/06	No	
Final Permits and Landowner Agreements	04/01/06	No	
Design Implementation	04/01/07	No	
Photographic Documentation of Construction	05/01/07	No	
Project Sign Designs	04/01/06	No	
Project Install Signs	04/01/07	No	
Draft Operation & Maintenance Plan	04/01/06	No	
Final Operation & Maintenance Plan	07/01/07	No	
Draft Project Report	05/01/07	No	
Final Project Report	07/31/07	No	

Comments:

Project Reports and Other Informational Materials:

05-12(319)SR

Title: Poplar Creek Watershed Planning, Restoration, & Protection

Purpose: This project will develop a watershed-based plan for the Poplar Creek watershed that is designed to improve water quality by controlling nonpoint source pollution. The plan shall be consistent with the USEPA watershed based plan guidance dated August 26, 2003 (as revised), Illinois EPA draft "Guidance for Developing Watershed Implementation Plans in Illinois" (IEPA/BOW/98-002 – March 1998), total maximum daily load (TMDL) implementation plan requirements, and current watershed planning. Poplar Creek is a tributary of the Fox River.

NPS Program: All Sources

Project Location: Cook County

Waterbody Name (ID): Poplar Creek (ILDTG02)

Subgrantee: Northeastern Illinois Planning Commission
222 South Riverside Plaza, Suite 1800
Chicago, Illinois 60606-6097

Project Period: 07/18/05 through 07/31/07

Total Project Cost:	$87,395.00	**Cumulative Expenditure:**	$0.00
Federal:	$52,395.00	**Federal:**	$0.00
State and Local:	$35,000.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Resource Inventory	01/01/06	No	
Draft Watershed Based Plan	01/01/07	No	
Final Watershed Based Plan	07/01/07	No	
Draft Executive Summary	01/01/07	No	
Final Executive Summary	07/01/07	No	

Comments:

Project Reports and Other Informational Materials:

Title: Armitage Creek Streambank Stabilization

Purpose: This project will stabilize approximately 4,100 feet of eroding streambanks along a 4,100 foot segment of Armitage Creek, a tributary of the East Branch DuPage River, located between Placid Road and Winthrop Avenue in Glendale Heights, Illinois. Streambanks will be stabilized using stone toe stabilization, slope re-grading, minor clearing of non-native vegetation, and re-vegetation of banks with native wetland plugs and seed.

NPS Program: Hydrologic Modification

Project Location: DuPage County

Waterbody Name (ID): East Branch DuPage River (ILGBL10)

Subgrantee: Village of Glendale Heights
300 Civic Center Plaza
Glendale Heights, Illinois 60139

Project Period: 05/17/05 through 07/31/07

Total Project Cost:	$558,430.00	**Cumulative Expenditure:**	$0.00
Federal:	$335,058.00	**Federal:**	$0.00
State and Local:	$223,372.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	02/01/06	No	
Final Design Specifications	04/01/06	No	
Draft Permits and Landowner Agreements	02/01/06	No	
Final Permits and Landowner Agreements	04/01/06	No	
Design Implementation	04/01/07	No	
Photographic Documentation of Construction	05/01/07	No	
Project Sign Designs	04/01/06	No	
Project Install Signs	04/01/07	No	
Draft Operation & Maintenance Plan	04/01/06	No	
Final Operation & Maintenance Plan	07/31/07	No	
Draft Project Report	05/01/07	No	
Final Project Report	07/31/07	No	

Comments:

Project Reports and Other Informational Materials:

Title: Watershed Based Plan Development for 303(d) Listed Waters

Purpose: This project will assist watershed groups in preparing or upgrading current watershed plans to meet USEPA's nine minimum elements.

NPS Program: All Categories

Project Location: TBA

Waterbody Name (ID): TBA

Subgrantee: Association of Illinois Soil & Water Conservation Districts
2520 Main Street, Illinois State Fairgrounds
Springfield, Illinois 62702

Project Period: TBA through TBA

Total Project Cost:	$200,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$150,000.00	**Federal:**	$0.00
State and Local:	$50,000.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
TBA	TBA		

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

Title: Carlinville Lake Watershed Plan

Purpose: This project will conduct a Phase I diagnostic-feasibility study of Carlinville Lake and develop a watershed-based plan for the Carlinville Lake watershed that is designed to improve water quality by controlling nonpoint source pollution. The plan shall be consistent with the USEPA watershed based plan guidance dated August 26, 2003 (as revised), Illinois EPA draft "Guidance for Developing Watershed Implementation Plans in Illinois" (IEPA/BOW/98-002 – March 1998), total maximum daily load (TMDL) implementation plan requirements, and current watershed planning.

NPS Program: All Sources

Project Location: Macoupin County

Waterbody Name (ID): Carlinville Lake ( )

Subgrantee: City of Carlinville
550 North Board
Carlinville, Illinois 62626

Project Period: TBA through 12/31/07

Total Project Cost:	$195,340.00	**Cumulative Expenditure:**	$0.00
Federal:	$109,340.00	**Federal:**	$0.00
State and Local:	$85,950.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Coordinator Selection	09/01/05	No	
Draft Watershed Plan Executive Summary	12/31/06	No	
Final Watershed Plan Executive Summary	02/28/07	No	
Draft Watershed Plan	03/31/07	No	
Final Watershed Plan	12/31/07	No	
Draft Phase 1 Diagnostic Feasibility Study	03/31/07	No	
Final Phase 1 Diagnostic Feasibility Study	12/31/07	No	
Approved QAPP	09/01/05	No	
Sampling Activities	09/30/06	No	

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

Title: Governor Bond Lake Shoreline Stabilization No. 1

Purpose: This project will install best management practices along 3,920 linear feet of shoreline on Governor Bond Lake to arrest shoreline erosion and reduce nonpoint source pollution while protecting or enhancing habitat and aesthetic qualities. The installation of shoreline stabilization practices will be consistent with the recommendations of the Clean Lakes Diagnostic/Feasibility Study and the Governor Bond Lake Total Maximum Daily Load (TMDL) implementation plan. Shoreline stabilization practices shall include riprap and vegetation.

NPS Program: Agriculture & Hydrologic Modification

Project Location: Bond County

Waterbody Name (ID): Governor Bond Lake (ILROP)

Subgrantee: City of Greenville
404 South 3rd Street
Greenville, Illinois 62246

Project Period: 07/08/05 through 04/30/07

Total Project Cost:	$371,940.00	**Cumulative Expenditure:**	$0.00
Federal:	$223,164.00	**Federal:**	$0.00
State and Local:	$148,776.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	07/01/05	No	
Final Design Specifications	09/01/05	No	
Draft Permits & Landowner Agreements	07/01/05	No	
Final Permits & Landowner Agreements	09/01/05	No	
Design Implementation	12/31/06	No	
Photo Documentation of Construction	04/30/07	No	
Project Sign Designs	10/01/05	No	
Install Signs	12/31/06	No	
Draft Operation & Maintenance Plan	07/01/05	No	
Final Operation & Maintenance Plan	09/01/05	No	
Draft Final Report	02/28/07	No	
Final Report	04/30/07	No	

Comments:

Project Reports and Other Informational Materials:

Title: TMDL Implementation or Watershed Plan Implementation

Purpose: The Illinois EPA will begin executing the nonpoint source pollution control recommendations of selected Total Maximum Daily Load (TMDL) implementation plans. The Illinois EPA will submit the implementation plans to USEPA and identify the specific recommendations for nonpoint source pollution control practices that will be implemented under this project.

NPS Program: All Categories

Project Location: TBA

Waterbody Name (ID): TBA

Subgrantee: TBA

Project Period: TBA through TBA

Total Project Cost:	$1,950,647.00	**Cumulative Expenditure:**	$0.00
Federal:	$1,170,388.00	**Federal:**	$0.00
State and Local:	$780,309.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
TBA	TBA		
TBA	TBA		
TBA	TBA		

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials:

05-18(319)AW

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA will develop Total Maximum Daily Loads (TMDLs) and implementation plans for each pollutant within selected watersheds on the 303(d) list through computer modeling. For each watershed, computer models will be used to identify a distribution of pollutant loading (allocation) that can be expected to result in the attainment of water quality standards. The methodologies used for TMDL development will be documented. Modeling results will be used to support the development of implementation plans for TMDL attainment.

NPS Program: Monitoring/Evaluation

Project Location: TBA

Waterbody Name (ID): TBA

Subgrantee: TBA

Project Period: TBA

Total Project Cost:	$800,000.00	**Cumulative Expenditure:**	$0.00
Federal:	$800,000.00	**Federal:**	$0.00
State and Local:	$0.00	**State and Local:**	$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Interim Reports No. 1	TBA	No	
Watershed Interim Reports No. 2	TBA	No	
Watershed Interim Reports No. 3	TBA	No	
Watershed Final Reports	TBA	No	
Participate in a General Public Meeting	TBA	No	
Participate in Basin Specific Meetings	TBA	No	
Participate in Public Hearings	TBA	No	
Install Methodologies or Models at Illinois EPA	TBA	No	

Comments: The contract with the Subgrantee has not yet been executed.

Project Reports and Other Informational Materials: