



State of Illinois
Illinois Environmental Protection Agency
Bureau of Water
Watershed Management Section
Nonpoint Source Unit

Section 319
Biannual Report

March 2012



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FORWARD

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 Integrated Water Quality Report required by Section 305(b) and 303(d) 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 2010 cycle Integrated Report, a total of 17,010 (14.3%) of the 119,244 stream miles in Illinois were assessed for aquatic life use support and 9,209 miles (54.1%) of those assessed streams have been identified as being impacted by point or nonpoint sources.

Aquatic Life Use Assessments for Streams

Integrated Report Year	Use Impairments						No Use Impairments		Total Assessed		Waters Needing Additional NPS Corrective Action	
	NPS Only		NPS & Point		Point Source Only							
	Of Assessed		Of Assessed		Of Assessed		Of Assessed		Of Assessed		Of Assessed	
	Miles	%	Miles	%	Miles	%	Miles	%	Miles	%	Miles	%
1992	4,657	33.3	3,034	21.7	79	0.6	6,211	44.4	13,981	100.0	7,691	55.0
1994	4,729	33.4	2,464	17.4	64	0.5	6,893	48.7	14,150	100.0	7,193	50.8
1996	12,811	36.4	3,203	9.1	3,024	8.6	16,137	45.9	35,175	100.0	16,014	45.5
1998	9,561	33.6	2,882	10.1	115	0.4	15,890	55.9	28,448	100.0	12,443	43.7
2000	3,604	23.6	1,742	11.4	97	0.6	9,861	64.4	15,304	100.0	5,346	35.0
2002	3,325	20.9	1,798	11.3	116	0.7	10,694	67.1	15,933	100.0	5,123	32.2
2004	3,471	23.0	1,429	9.5	170	1.1	6,499	43.1	11,569	***76.7	4,900	32.5
2006	6,856	44.5	1,529	9.9	93	0.6	6,946	45.0	15,424	100.0	8,385	54.4
2008*	7,367	47.3	1,446	9.3	84	0.5	6,672	42.9	15,569	100.0	8,813	56.6
2010**	7,811	45.9	1,398	8.2	101	0.6	7,701	45.3	17,010	100.0	9,209	54.1

* Not yet fully approved by USEPA.

** Not yet submitted to USEPA.

*** Some 2004 sources were not classified as either point or NPS.

Therefore, 9,209 miles (54.1%) of the assessed 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."

Agriculture is the most frequently identified source of stream related nonpoint pollution in Illinois. Hydrologic modifications, urban runoff, and resource extraction are other major nonpoint sources contributing to streams not attaining full support ratings. Fecal coliform,

dissolved oxygen, alteration in streamside or littoral vegetative cover, sedimentation/siltation, phosphorus, nitrogen, and total suspended solids were the greatest nonpoint source related causes of streams not attaining full support ratings.

Lakes

For the 2010 cycle Integrated Report, a total of 148,014 (46.5%) of the 318,477 lake acres in Illinois were assessed for aquatic life use support and 146,730 acres (99.1%) of those assessed lakes have been identified as being impacted by point or nonpoint sources.

Aquatic Life Use Assessments for Lakes

Integrated Report Year	Use Impairments						No Use Impairments		Total Assessed		Waters Needing Additional NPS Corrective Action	
	NPS Only Of Assessed		NPS & Point Of Assessed		Point Source Only Of Assessed		Of Assessed		Of Assessed		Of Assessed	
	Acres	%	Acres	%	Acres	%	Acres	%	Acres	%	Acres	%
1992	83,920	40.8	103,138	50.0	47	0.0	18,976	9.2	206,081	100.0	187,058	90.8
1994	67,670	36.0	62,052	33.1	0	0.0	57,877	30.9	187,599	100.0	129,722	69.1
1996	74,105	39.4	56,619	30.1	0	0.0	57,319	30.5	188,043	100.0	130,724	69.5
1998	78,537	41.8	63,358	33.6	0	0.0	46,393	24.6	188,288	100.0	141,895	75.4
2000	86,310	55.8	43,853	28.3	0	0.0	24,632	15.9	154,795	100.0	130,163	84.1
2002	95,585	63.5	44,059	29.2	0	0.0	11,063	7.3	150,707	100.0	139,644	92.7
2004	84,079	54.6	43,309	28.1	0	0.0	9,151	5.9	136,539	***88.6	127,388	82.7
2006	122,602	83.5	20,665	14.1	0	0.0	3,465	2.4	14,673	100.0	143,268	97.6
2008*	104,692	71.0	39,839	27.1	0	0.0	2,830	1.9	147,361	100.0	144,531	98.1
2010**	101,480	68.5	45,250	30.6	0	0.0	1,284	0.9	148,014	100.0	146,730	99.1

* Not yet fully approved by USEPA.

** Not yet submitted to USEPA.

*** In 2004 some sources were not classified as either point or nonpoint.

Therefore, 146,730 acres (99.1%) of the assessed lakes 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."

Agriculture, littoral/shore area modifications, other recreational pollution sources, runoff from forested/grassland/parkland, contaminated sediments, and urban runoff/storm sewers were identified as the most frequent sources of lake related nonpoint source pollution in Illinois. Phosphorus, aquatic algae, total suspended solids, aquatic plants (macrophytes), atrazine, sedimentation/siltation, and dissolved oxygen were identified as the greatest nonpoint source related causes of lakes not attaining full support ratings.

Lake Michigan

For the 2008 cycle Integrated Report, a total of 151 of the 1,526 square miles (9.9%) of Lake Michigan open waters in Illinois' jurisdiction were assessed for the degree of aquatic life use support. All 151 square miles are fully supporting aquatic life designated use.

A total of 2.46 of the 2.5 square miles (98.4%) of Lake Michigan bays and harbors in Illinois' jurisdiction were assessed for aquatic life use support. Only 0.06 square miles are not supporting aquatic life designated use. Contaminated sediments and urban runoff/storm sewers were identified as the sources of nonpoint source pollution impacting Lake Michigan bays and harbors in Illinois. Cadmium, chromium, copper, lead, phosphorus, and zinc were identified as the causes of Lake Michigan bays and harbor not attaining full support ratings.

Lake Michigan includes a total of 63 shoreline miles, forming the northeastern portion of Illinois' border. All 63 miles were rated as not supporting fish consumption and primary contact designated uses. Combined sewer overflows and urban runoff/storm sewers represent the nonpoint sources of pollution affecting the Lake Michigan shoreline in Illinois. *Escherichia coli*, mercury, and polychlorinated biphenyls were identified as the causes of Lake Michigan shoreline not attaining full support ratings.

Wetlands

Illinois has lost as much as 90 percent of its original wetlands over the last 200 years. Illinois once contained more than eight million acres of wetlands. Currently approximately 1,726,770 acres remain (Illinois NWI Update 2010 - Ducks Unlimited). Wetlands cover about 3.5 percent of Illinois. The largest acreage of wetlands is in the bottom-land forests and swamps along the State's major rivers. Northeastern Illinois also has the largest concentration of wetlands in the State of Illinois.

Ground Water

To assess ground water quality, the Illinois EPA operates an ambient network of community water supply network wells consisting of 356 fixed locations. For the 2008 cycle Integrated Report, 265 wells within this network were rated as Fully Supporting ("good"), 83 were rated as Not Supporting ("fair"), and 8 were rated as Not Supporting ("poor"). Results of 138 samples collected from October 2004 through September 2006 from the Illinois Department of Agriculture's dedicated pesticide monitoring network wells indicate that parent pesticides (the term pesticides includes herbicides) were detected in eight of the 138 samples (5.8 percent). Atrazine was detected in six samples, and metolachlor was detected in three samples. None of those samples had concentrations above levels of health concern.

National Monitoring Program

USEPA's Section 319 National Monitoring Program is designed to provide credible documentation of the feasibility of controlling nonpoint sources, and to improve the technical understanding of nonpoint source pollution and the effectiveness of nonpoint source control technology and approaches. These objectives are to be achieved through intensive monitoring and evaluation of a subset of watershed projects funded under Section 319. More information about the National Monitoring Program can be found at the following website: <http://www.bae.ncsu.edu/programs/extension/wqg/319monitoring/>. The following table

identifies the National Monitoring Program studies that have been completed or are under way in Illinois.

Section 319 National Monitoring Program Projects in Illinois

Watershed Name	Waukegan River	Lake Pittsfield	Kickapoo Creek
Hydrologic Unit Code	040400020501	071300110801	071300090502
Year Monitoring Began	1994	1992	2007
Year Approved as Section 319 National Monitoring Project	1996	1994	2007
Year Monitoring Ended	2009	2004	2015 (scheduled)
Variables Measured	Fish, Macroinvertebrates, Habitat, Dissolved oxygen (DO), Temperature, Flow	Total phosphorus (TP), Dissolved phosphorus (DP), Total Kjeldahl nitrogen (TKN), Nitrate + nitrite (NO ₃ + NO ₂), Ammonia nitrogen (NH ₃ +NH ₄ ⁺), Total suspended solids (TSS), Volatile suspended solids (VSS), pH, Total alkalinity, Phenolphthalein alkalinity, Specific c conductivity, Water temperature, Dissolved oxygen (DO), Atrazine (started in 1999), Rainfall	Stream fisheries IBI, Macroinvertebrates, Stream habitat and geomorphology, Suspended sediment concentration and load, Nutrient concentrations and loads, Total phosphorus (TP), Soluble phosphorus, Total N, Ammonia N, Nitrite+Nitrate N, Dissolved oxygen, pH, Water temperature, Specific conductance, Discharge, Precipitation, Sediment particle size distribution, Floodplain and riparian vegetation surveys, Construction activities
Purpose	To demonstrate the effectiveness of biotechnical stream restoration techniques implemented on the Waukegan River.	To demonstrate the effectiveness of sediment retention basins, grade controls, shoreline stabilization, and other agricultural erosion control BMPs implemented in the Lake Pittsfield watershed.	To determine the effectiveness of stream restoration techniques, construction erosion controls, and floodplain wetland restoration implemented in the Kickapoo Creek watershed.
Total Cost to Date	\$656,214	\$854,029	\$1,566,392
Section 319 Cost to Date	\$368,304	\$610,696	\$1,231,835
Match Cost to Date	\$287,910	\$243,333	\$334,557

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. In 2010, the Illinois initiated a comprehensive update of the Program and submitted a draft to USEPA in August 2011.

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 mission of the Program is to:

- 1) establish and implement effective, integrated, and holistic actions for the abatement and prevention of known and presumed water quality impairments ensuing from NPS pollution,
- 2) foster multi-agency cooperation and local stakeholder input on the development, maintenance, implementation, and evaluation of this statewide plan of action,
- 3) safeguard water quality from NPS pollution, consistent with the social and economic needs of the state, so as to protect health, welfare, property, and the quality of life, and
- 4) satisfy the informational and procedural requirements of a state nonpoint source management program as stipulated under Section 319 of the Clean Water Act and associated federal guidance, including the nine key program elements of a successful state program as defined by U.S. EPA.

The long-term goals of the Program are:

- 1) The restoration and protection of all beneficial uses of Illinois' surface and groundwater resources from impairment by NPS pollution. This goal will be achieved through watershed-based assessment, planning, implementation, and education activities carried out as part of an effective and efficient process that employs both regulatory and non-regulatory programs, agencies, authorities, and stakeholders.
- 2) The prioritization and targeting of impaired waterbodies for the selection and implementations of NPS pollution control measures so as to efficiently and expeditiously restore and protect the full support of their designated uses.
- 3) Effective communication, coordination, collaboration, and education among all partners and stakeholders involved in NPS pollution control.

- 4) The refinement and development of monitoring and assessment tools to better determine NPS pollution impairments, including nutrient impacts on Illinois waters.

Watershed Planning

Funding under the federal and state clean lakes programs has been used in Illinois to support lake owners' interest and commitment to long-term, comprehensive lake management. Detailed diagnostic/feasibility studies have been developed to scientifically document the causes, sources and magnitude of lake impairment (Phase I). Data generated from these monitoring studies are then used to recommend lake protection/restoration practices for future implementation (Phase II).

Through technical and financial assistance, the Illinois EPA also encourages the development of watershed-based plans consistent with the USEPA watershed based plan guidance dated October 23, 2003 (as revised), Chicago Metropolitan Agency for Planning's "Guidance for Developing Watershed Action Plans in Illinois" dated June 2007, total maximum daily load (TMDL) implementation plan requirements, and current watershed planning principles. Section 319 incremental funds must be spent on projects within an impaired watershed for which there is a TMDL or watershed-based plan.

Nonpoint source pollution control recommendations contained in diagnostic/feasibility studies and watershed-based plans serve to supplement Program initiatives and goals. Some of these plans have also been formally entered into the WQMP. Watershed-based plan development in Illinois is tracked geographically through the University of Illinois and Illinois EPA's Resource Management Mapping Service (RMMS) website (<http://rmms-space4.ad.uiuc.edu/RMMS-ArcGIS/Home.aspx>). The following tables identify the diagnostic/feasibility studies and watershed-based plans that have been completed or are under way in Illinois.

Clean Lakes Phase I Diagnostic/Feasibility Study Reports (includes reports begun but not yet completed)

Lake Name	Lake Code	County	Grant Recipient	Causes of Impairment Addressed	Completion Date	Implementation Begun
Otter Lake	RDF	Macoupin	Otter Lake Water Commission	TP, atrazine, TSS	Oct-99	Yes
Baumann Park Lake	RPE	Winnebago	Village of Cherry Valley	DO, TP, TSS	Dec-98	Yes
Gillespie Old and New Lakes	SDT/SDU	Macoupin	City of Gillespie	TSS, TP, DO	no date	Yes
Lake Storey	RLB	Knox	City of Galesburg	TSS, aquatic algae, TP_	Dec-98	Yes
Chicago Botanic Garden Lagoons	RHJA	Cook	Chicago Horticultural Society	aquatic algae, aquatic plants, TSS, TP	Oct-99	Yes
Maple Lake	RHD	Cook	Cook County Forest Preserve District	non native species, aquatic plants, TP	Oct-01	Yes
Homer Lake	RBO	Champaign	Champaign County Forest Preserve District	TP, TSS	Nov-00	Yes
Woods Creek Lake	RTZZ	McHenry	Village of Lake in the Hills	TSS, TP, aquatic algae, aquatic plants, non native species	Aug-00	Yes
Campus Lake	RNZH	Jackson	Southern IL Univ. Board of Trustees	TP, TSS, aquatic algae, DO	Mar-04	Yes
Channel Lake/Lake Catherine	RTI/RTD	Lake	Fox Waterway Agency	TP, TSS, aquatic algae, nonnative species	Dec-00	Yes
Meadow Lake	WGA	DuPage	The Morton Arboretum	aquatic algae, TP, TSS	Nov-00	Yes
Governor Bond Lake	ROP	Bond	City of Greenville	TP, TSS, aquatic algae	2002	Yes
Lake Carlinville	RDG	Macoupin	City of Carlinville	TP, TSS	Dec-07	No
Lake Mattoon	RCF	Shelby	City of Mattoon	TSS, TP	draft	No
Lake Sedgewick	RGZZ	Cook	Village of Orland Park	aquatic algae, TP, TSS, DO	Aug-08	Yes
Lake Paradise	RCG	Coles	City of Mattoon	TSS, TP, aquatic algae	Mar-04	Yes
Staunton Reservoir	RJA	Macoupin	City of Staunton	TP, DO, TSS	May-09	No
Hillsboro Old	ROT	Montgomery	City of Hillsboro	TSS, TP, DO	Jul-08	No
Hillsboro New (Glenn Shoals)	ROL	Montgomery	City of Hillsboro	TSS, DO, TP, aquatic algae	Sep-06	Yes
Patriot's Pak Lake	ROY	Bond	Kingsbury Park District	TP, TSS, DO	Jun-05	Yes
Raccoon Lake	ROK	Marion	City of Centralia	TSS, TP	Jun-06	Yes
Lake Vermilion	RBD	Vermilion	Consumers Illinois Water Company	TSS, TP	Feb-04	Yes
Carlyle Lake	ROA	Clinton	Army Corps of Engineers - St. Louis District	TP, DO	draft	Yes
Kinkaid Lake	RNC	Jackson	Kinkaid-Reed's Creek Conservancy District	aquatic algae, TP, TSS, non native species	Sep-06	Yes
Kinmundy Old Reservoir	ROZY	Marion	City of Kinmundy	TP, DO, TSS	Sep-05	No
Cedar Lake / Carbondale City Reservoir	RNE / RNI	Jackson	City of Carbondale	TP	Jan-09	Yes

Highland Silver Lake	ROZA	Madison	City of Highland	TSS, TP	Dec-09	Yes
Crystal Lake	VTZH	McHenry	Crystal Lake Park District	TP	Sep-10	No
Canton Lake	RDD	Fulton	City of Canton	TSS, TP, DO, aquatic algae	Nov-95	No
Charleston Side Channel Reservoir	RBC	Coles	City of Charleston	TP, aquatic algae, DO	Jun-92	Yes
Dawson Lake	REE	McLean	Illinois Dept. of Conservation (IDOC)	TP	Apr-88	No
Douglas Park Lagoon, Garfield Park Lagoon, Lincoln Park Lagoon, Washington Park Lagoon	RHX, RHW, QZK, RNM	Cook	Chicago Park District	aquatic algae, aquatic plants, TSS, TP, DO	Mar-94	Yes
Frank Holten State Park Lakes	RJK, RJL, RJM	St. Clair	Illinois Dept. of Conservation (IDOC)	TP, TSS, DO, aquatic algae	1975	Yes
Lake George	RHR	Cook	Village of Richton Park	TSS, TP, aquatic algae, DO, non native species	Jun-96	Yes
Herrick Lake	WGM	DuPage	Forest Preserve District of DuPage County Chicago Zoological Society - Brookfield Zoo	TP, TSS, aquatic algae, DO	Mar-94	Yes
Indian Lake	WGZY	Cook		TP, aquatic algae, TSS, DO	Dec-97	Yes
Lake of the Woods	REG	Champaign	Champaign County Forest Preserve District	TP, TSS	Feb-83	No
Lake Lou Yaeger	RON	Montgomery	City of Litchfield	TP, DO, TSS	Jan-95	Yes
Lake Le-Aqua-Na	RPA	Stephenson	Illinois Dept. of Conservation (IDOC)	TP, aquatic algae, aquatic plants, TSS	Mar-83	Yes
McCullom Lake	RTZD	McHenry	City of McHenry	aquatic algae, TSS, TP, aquatic plants, non native species, DO	Jul-92	Yes
Paris Twin Lakes	RBL, RBX	Edgar	City of Paris	TP, DO, TSS	Dec-92	Yes
Pinckneyville Reservoir	RNH	Perry	City of Pinckneyville	TSS, TP, aquatic algae, DO, non native species	Jun-91	No
Pittsfield Lake	RDP	Pike	City of Pittsfield	TP, TSS	Nov-89	Yes
Sherman Park Lagoon	RHU	Cook	Chicago Park District	aquatic plants, DO, TP, TSS	Jun-05	Yes
Skokie Lagoons	RHJA	Cook	Forest Preserve District of Cook County	TP, TSS, DO, aquatic algae	Nov-83	Yes
Springfield	REF	Sangamon	City of Springfield	TSS, TP, aquatic plants,	Mar-87	Yes
Stephen A. Forbes Lake	RCD	Marion	Illinois Dept. of Conservation (IDOC)	TSS, TP, DO	Aug-95	No
Wolf Lake	RHA	Cook	Hammond, IN Park District	aquatic plants, fecal coliform, contaminated sediments	Oct-96	Yes

Watershed-Based Plans in Illinois – Completed

Watershed Name	Title of Plan	Author(s)	Completion Date	Implementation Begun	Hydrologic Unit Code	Waterbody IDs	Causes of Impairment Addressed in Plan
Upper DuPage River	Upper DuPage River Watershed Plan	The Conservation Foundation	12/31/2007	Yes	071200040801; 071200040802; 071200040803; 071200040804; 071200040805	GBK-02 , GBK-05 , GBK-09 , GBK-14 , GBKA , GBKA-01 , GBKB-01 , GBL-02 , GBL-05 , GBL-08 , GBL-10 , GBL-11 , GBLA , GBLB-01 , GBLC , RGD , WGZC , WGM , WGX , WGZK , WGZS , RGG , RGZS , RGZI , WGA , WGB , WGC , WGZR , SGG , WGZW , SGK , SGL , SGM , SGX , WGZH	Aldrin; Chloride; Copper; Fecal Coliform; Hexachlorobenzene; Mercury; Nitrogen, Nitrate; Oil and Grease; Oxygen, Dissolved; pH; Phosphorus (Total); Sedimentation/Siltation; Silver; Total Suspended Solids (TSS); Zinc
Flint Creek	Flint Creek Watershed-Based Plan	Applied Ecological Services, Inc.	12/31/2007	Yes	71200061104	DTZS-01 , RTZR , RTS , VTB , VTE , VTZJ , RTZU , VTI , UTP , WTB , VTM , VTZK , VTZR , STF , VTC , UTR , UTQ	Nitrogen, Nitrate; Oxygen, Dissolved; Phosphorus (Total); Total Suspended Solids (TSS)
Waukegan River	Waukegan River Watershed Plan	Kabbes Engineering, Inc.; Geosyntec Consultants; Waukegan Harbor Citizen's Advisory Group	12/31/2007	Yes	40400020501	QC-03 , QC-05 , QCA-01	Aldrin; Chromium (total); DDT; Hexachlorobenzene; Nickel; Nitrogen, Nitrate; Polychlorinated biphenyls; Silver; Total Dissolved Solids
Rock River Ravines	Rock River Ravines Watershed Plan 2008	Quad Cities Watershed Planning Committee	12/1/2008	Yes	070900051302; 070900070604; 070900051104; 070801010406	P-04 , P-25 , PB-09 , PZA , PZB-01 , PZC	Oxygen, Dissolved; Phosphorus (Total); Total Suspended Solids (TSS)
Carlinville Lake	Watershed Plan & Phase 1 Clean Lakes Diagnostic Feasibility Study	HDR/CWI Consulting Engineers & Scientists	12/1/2007	Yes	71300120106	DAZM , RDG , RDG	Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation
Thorn Creek	Thorn Creek Watershed Based Plan	Northeastern Illinois Planning Commission	12/1/2005	No	071200030201; 071200030202; 071200030203; 071200030204	HBD-02 , HBD-03 , HBD-04 , HBD-05 , HBD-06 , HBDA-01 , HBDB-03 , HBDC , HBDC-02 , HBDD-02 , HBDF-04 , HBDF-05 , RHI , RHL , RHQ , RHR , RHI , UHM	Fecal Coliform; Nitrogen, Nitrate; Oxygen, Dissolved; Phosphorus (Total); Total Dissolved Solids; Total Suspended Solids (TSS)

Rayse Creek	Rayse Creek Watershed Management Plan	Southern Illinois University	11/30/2006	No	071401060204; 071401060205; 071401060206	NK-01 , NK-02 , NKB , NKC , NKD , RNZB	Iron; Manganese; Oxygen, Dissolved; pH; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)
Upper Kishwaukee River	Upper Kishwaukee River Watershed Plan – Technical Report	Chicago Metropolitan Agency for Planning	11/1/2008	No	70900060205	PQ-13 , PQJ-01 , RPB	Fecal Coliform

Clear Creek	Clear Creek Watershed Action Plan	Lost Nation-New Landing River Conservancy District; Olson Ecological Solutions, LLC	9/30/2011	Yes	70900050601	PZU , RPZF	Aquatic Algae; Fecal Coliform; Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)
Lawrence Creek	Lawrence Creek Watershed Plan – Technical Report	Chicago Metropolitan Agency for Planning	9/1/2008	No	70900060301	PQEC-A , PQEC-C	Nitrogen, Nitrate; Phosphorus (Total)
Beaver Creek	Beaver Creek Watershed Action Plan – Technical Report	Chicago Metropolitan Agency for Planning	9/1/2008	No	070900060401; 070900060402	PQD-05 , PQD-06 , PQD-07 , PQDA-01 , RPV	Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation
Eagle Creek	Eagle Creek Watershed Plan	Gallatin County Soil and Water Conservation District	8/11/2007	No	051402040704; 051402040705	ATE-01 , ATE-02 , ATE-03 , ATE-04 , ATE-05 , ATE-06 , ATEA-07 , ATEAA , ATEB , ATEE-08 , RAO	Nitrogen, Nitrate; Oxygen, Dissolved; pH; Total Dissolved Solids
Big Bureau Creek	Big Bureau Creek Watershed Based Plan	Bureau County Soil and Water Conservation District	8/5/2008	No	071300010401; 071300010402; 071300010501; 071300010502; 071300010503; 071300010504; 071300010505; 071300010601; 071300010602; 071300010603; 071300010701; 071300010702; 071300010703	DQ-01 , DQ-04 , DQA-01 , DQC , DQD-01 , DQDA , RDV , UDS	Fecal Coliform; Nitrogen, Nitrate

Highland Silver Lake	Watershed Plan for Highland Silver Lake Watershed	HDR/CWI Consulting Engineers & Scientists	7/1/2011	Yes	071402040401; 071402040402	ODL , ODL-02 , ODLC , ROZA , ROZA , ROZB	Aldrin; Chlordane; Mercury; Nitrogen, Nitrate; Oxygen, Dissolved; Phosphorus (Total); Sedimentation/Siltation
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Greater Bear Creek	Greater Bear Creek Area Watershed Plan	Adams County Soil and Water Conservation District; Hancock County Soil and Water Conservation District	7/1/2008	No	071100010502; 071100011004; 071100011002; 071100010401; 071100011001; 071100010402; 071100010403; 071100010404; 071100010604; 071100010509; 071100010505; 071100010507; 071100010503; 071100010506; 071100010508; 071100010504; 071100010602; 071100010501; 071100010601; 071100010603; 071100010605; 071100011005; 071100011006	KE , KG , KI-02 , KI-03 , KI-04 , KI-05 , KI-06 , KIB , KIC , KID , KIF-01 , KIF-02 , KIFA , KIFAA , KIFB , KIFD , KIFE , KIH , KII , KIJ , KIK , KIL , KZQ	Fecal Coliform; Manganese
Spring Lake	Spring Lake Watershed Plan	McDonough County Soil and Water Conservation District	7/1/2008	Yes	71300100304	DGLA-01 , RDR , RDR	Nitrogen, Nitrate; Phosphorus (Total); Total Suspended Solids (TSS)
Evergreen Lake	Evergreen Lake Watershed Plan	Evergreen Lake Watershed Planning Committee; McLean County Soil and Water Conservation District	7/1/2008	Yes	71300040502	DKN , DKN-01 , SDA , SDA	Phosphorus (Total); Total Suspended Solids (TSS)
Poplar Creek	Poplar Creek Watershed Action Plan	Chicago Metropolitan Agency for Planning	7/1/2007	Yes	71200061205	DTG-02 , DTG-03 , VTN , VTQ , VTY , VTZI , VTZE , STA , RTL	Chloride; Fecal Coliform; Nitrogen, Nitrate; Oil and Grease; Oxygen, Dissolved; Phosphorus (Total); Sedimentation/Siltation; Total Dissolved Solids; Total Suspended Solids (TSS)

Clinton Lake	Clinton Lake Watershed Management Plan	DeWitt County Soil and Water Conservation District	6/29/2007	Yes	071300090101; 071300090102; 071300090103; 071300090104; 071300090105; 071300090106; 071300090201; 071300090202; 071300090203; 071300090204	EI-07 , EIJ-01 , EIJA , EIM , EIMA , REE , REI , REE , REI	Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation
Lower part of Upper Sangamon River	Lower Part of the Upper Sangamon River Watershed Resource Plan	Macon County Soil and Water Conservation District	6/25/2008	No	071300060205; 071300060206; 071300060207; 071300060301; 071300060302; 071300060303; 071300060304; 071300060402; 071300060403; 071300060404; 071300060405; 071300060409	E-06 , E-18 , E-29 , E-95 , EU-01 , EV-02 , EVA , EW-01 , EX-01 , EZR , EZS , EZT-01 , REA , REZE , REZM , REZN , REA , REAA , REAB	Nitrogen, Nitrate; Oxygen, Dissolved; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)
Lake Bloomington	Lake Bloomington Watershed Plan	McLean County Soil and Water Conservation District; Lake Bloomington Watershed Planning Committee	6/17/2008	Yes	071300040201; 071300040202	DKP , DKP-02 , RDO , RDO	Nitrogen, Nitrate; Phosphorus (Total)
Lower DuPage River	Lower DuPage River Watershed Based Plan	The Conservation Foundation; Chicago Metropolitan Agency for Planning	6/1/2011	No	071200040806; 071200040807; 071200040808; 071200040809; 071200040810	GB-01 , GB-11 , GB-16 , GBA , GBAA-01 , GBE-01 , GBE-02 , GBEA , GBH-01 , GBI , GBK-02 , GBL-02 , WGZX , WGI , SGJ , SGW	Chloride; Fecal Coliform; Other flow regime alterations; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)
Hickory Creek	Hickory Creek Watershed Plan	Chicago Metropolitan Agency for Planning	6/1/2011	No	071200040601; 071200040602; 071200040603	GG-04 , GG-06 , GG-22 , GGA-02 , GGB-01 , GGC-FN-A1 , GGC-FN-C1 , GGF , RGZZ , SGV , WGV	Alteration in stream-side or littoral vegetative covers; Chloride; Fecal Coliform; Other flow regime alterations; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)

Aux Sable Creek	Aux Sable Creek Watershed Plan	Wills Burke Kelsey Associates, Ltd	6/1/2009	No	071200050101; 071200050103; 071200050102; 071200050104; 071200050105; 071200050106	DW-01 , DWB , DWBA , DWBB , DWC , DWD-01 , DWE , DWEA , DWF-01	Fecal Coliform; Sedimentation/Siltation
North Fork Vermilion	Watershed Implementation Plan for Lake Vermilion and the North Fork Vermilion River	Vermilion County Soil and Water Conservation District	6/1/2008	No	051201090703; 051201090704; 051201090705; 051201090706; 051201090801; 051201090802; 051201090803; 051201090804; 051201090805; 051201090806	BPG-05 , BPG-09 , BPG-10 , BPG-01 , BPGC-01 , BPGD , BPGE-01 , RBD , RBD	Aquatic Algae; Fecal Coliform; Nitrogen, Nitrate; Sedimentation/Siltation
Indian Creek	Indian Creek Watershed Plan	Applied Ecological Services, Inc.; Lake County Stormwater Management Commission	6/1/2006	Yes	71200040501	GU-02 , RGB , RGZG , WGZV , WGK , RGZF , WGZU , RGQ , RGZJ , UGL , UGM , UGP , UGS , UGN , UGO , UGQ , UGR , VGJ , VGL , SGU , VGK , VGE	Nitrogen, Nitrate; Oxygen, Dissolved; Phosphorus (Total); Total Dissolved Solids; Total Suspended Solids (TSS)
North Branch Chicago River	North Branch Chicago River Watershed-Based Plan for Lake and Cook Counties, Illinois	Lake County Stormwater Management Commission	5/22/2008	Yes	071200030101; 071200030102; 071200030103; 071200030105	HCC-07 , HCCB-05 , HCCC-02 , HCCC-04 , HCCD-01 , HCCD-09 , RHJ , RHJA , RHK , WGZI , RHK , UHA , UHB , UHC , UHD , UHE , UHG , UHH , UHF , RHZD , RHZA , RHJ , RHJA , RHZK	Nitrogen, Nitrate; Oxygen, Dissolved; Phosphorus (Total); Total Suspended Solids (TSS)
Salt Fork Vermilion River	Watershed Implementation Plan for the Upper Salt Fork of the Vermilion River	Champaign County Soil and Water Conservation District	5/1/2007	No	051201090201; 051201090202; 051201090301; 051201090302; 051201090303; 051201090304; 051201090305; 051201090306; 051201090601; 051201090203	BPJ-07 , BPJ-09 , BPJC-06 , BPJC-08 , BPJCA , BPJD-02 , BPJG-01 , BPJI-02 , BPJM-01 , RBU	Fecal Coliform; Nitrogen, Nitrate; Phosphorus (Total); Total Suspended Solids (TSS)

Jackson Creek	Jackson Creek Watershed Plan – Technical Report	Chicago Metropolitan Agency for Planning; Will County Stormwater Management Planning Committee	4/1/2009	No	071200040902; 071200040903	GC-02 , GC-03 , GCA-01 , GCA-M-A1 , GCA-M-C1 , GCB	Nitrogen, Nitrate; Phosphorus (Total)
Fish Lake Drain	Fish Lake Drain Watershed Management Plan	Conservation Design Forum; Lake County Stormwater Management Commission	4/1/2008	No	71200061008	RTZH , VTK , RTZG , VTT , STU	Phosphorus (Total); Total Suspended Solids (TSS)
Bull Creek Bull's Brook	Bull Creek/Bull's Brook Watershed-Based Plan	Applied Ecological Services, Inc.; Lake County Stormwater Management Commission	3/31/2008	Yes	71200040302	G-07 , GV-01 , RGJ , RGU , RGP , RGT , UGF , UGH , UGI , VGF , VGI	Nitrogen, Nitrate; Oxygen, Dissolved; Phosphorus (Total); Total Suspended Solids (TSS)
Tyler Creek	The Tyler Creek Watershed Plan	Watershed Resource Consultants, Inc.; Fluid Clarity, Ltd.; The Conservation Foundation	3/1/2008	Yes	071200061203; 071200061204	DTZP-02	Fecal Coliform; Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation
Nippersink Creek	The Nippersink Creek Watershed Plan	Watershed Resource Consultants, Inc.; Fluid Clarity, Ltd.; The Nippersink Creek Watershed Planning Committee	2/1/2008	Yes	071200060801; 071200060802; 071200060901; 071200060902; 071200060903; 071200060904; 071200060905; 071200060906; 071200060907	DTK-04 , DTK-06 , DTKA-04 , DTKAA-03 , RTZC , RTZC	Alteration in stream-side or littoral vegetative covers; Changes in Stream Depth and Velocity Patterns; Chloride; Fecal Coliform; Nitrogen, Nitrate; Oil and Grease; Oxygen, Dissolved; Phosphorus (Total); Sedimentation/Siltation

Embarras River	Embarras River Watershed Management Plan	Northwater Consultants; V3 Companies of Illinois	10/1/2011	Yes	051201120101; 051201120102; 051201120103; 051201120104; 051201120105; 051201120106; 051201120201; 051201120202; 051201120203; 051201120204; 051201120301; 051201120302; 051201120303; 051201120304; 051201120305; 051201120401; 051201120402; 051201120403; 051201120404; 051201120501; 051201120502; 051201120503; 051201120504; 051201120505; 051201120601; 051201120602; 051201120603; 051201120701; 051201120702; 051201120703; 051201120704; 051201120705; 051201120706; 051201120801; 051201120802; 051201120803; 051201120804; 051201120805; 051201120806; 051201120807; 051201120808; 051201120809; 051201120810; 051201120811; 051201120901; 051201120902; 051201121001; 051201121002; 051201121003; 051201121004;	BE , BE-01 , BE-07 , BE-09 , BE-17 , BE-25 , BE-36 , BEA-01 , BEAA- 01 , BEAAA , BEAB-01 , BEABA , BEAC , BEB- 01 , BEB-02 , BEBA , BEBB , BEBC , BEC , BECA , BECB , BED-01 , BEDA-01 , BEDB-01 , BEDBA , BEDC , BEDD , BEDG , BEE-01 , BEF-02 , BEF-05 , BEFA-02 , BEFAA , BEFAB , BEFABA , BEFB , BEFC , BEFD , BEFE , BEFF , BEFH , BEFI , BEFJ , BEFL , BEFM , BEFO , BEFT , BEG-01 , BEGA , BEGB , BEH , BEHA , BEI-01 , BEIA , BEIB , BEIC , BEJ-03 , BEJA , BEJB , BEJC-01 , BEJD , BEJE-01 , BEJEA-01 , BEJF-01 , BEJG , BEJH-01 , BEJI , BEJJ , BEJK , BEJL , BEJN , BEK , BEL-01 , BEL-03 , BELB , BEM , BEMA , BEMB , BEN-01 , BEN- 02 , BENA-01 , BENA- 02 , BENA-03 , BENB , BENC-01 , BEO-01 , BEOA , BEP-01 , BEPA , BEPAA , BEPB , BEPC , BEPD-01 , BEPF , BEPG-01 , BEPH-01 , BEQ-01 , BER-01 , BERB-01 , BERB-TO-C1 , BERB- TO-C1A , BERC-01 , BERD-01 , BES-01 , BESA , BET-01 , BETA , BEU , BEZA-01 , BEZB- 07 , BEZC , BEZE , BEZF-01 , BEZG , BEZI , BEZK , BEZM , BEZN , BEZP , BEZR , BEZV , BEZW , BEZX-01 , BEZY , BEZZ-05 ,	Fecal Coliform; Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)
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					051201121005; 051201121006; 051201121007; 051201121008; 051201121009; 051201121010; 051201121011; 051201121101; 051201121102; 051201121103; 051201121104; 051201121105; 051201121201; 051201121202; 051201121203; 051201121204; 051201121205; 051201121206; 051201121207; 051201121208; 051201121301; 051201121302; 051201121303; 051201121401; 051201121402; 051201121501; 051201121502; 051201121503; 051201121504	BEZZA , RBC , RBH , RBP , BE-14 , RBK , RBP , RBC , RBH , RBT , WBA , RBA , RBB	
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Watershed-Based Plans in Illinois - Under Development

Watershed Name	Title of Plan	Author(s)	Scheduled Completion Date	Implementation Begun	Hydrologic Unit Code	Waterbody IDs	Causes of Impairment Addressed in Plan
Jelkes Creek	Jelkes Creek Watershed Based Plan	Kane-DuPage Soil and Water Conservation District	7/15/2012	Yes	71200061206	DTZQ-01	Alteration in stream-side or littoral vegetative covers; Oxygen, Dissolved; Sedimentation/Siltation; Total Suspended Solids (TSS)
Madigan Creek	Madigan Creek Watershed Based Plan	County of Winnebago Highway Department	2/1/2013	No	70900060802	PQ-02	Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)
Welworth-Wentworth Creek	Welworth-Wentworth Creek Watershed Based Plan	County of Winnebago Highway Department	2/1/2013	No	70900050401		Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)
Spring Creek	Spring Creek Watershed Plan	Spring Creek Watershed Partnership	2/1/2013	No	71200061202	DTH-01 , RTZA	Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)
Blackberry Creek	Blackberry Creek Watershed Action Plan	Chicago Metropolitan Agency for Planning; The Conservation Foundation; Fox River Ecosystem Partnership	12/30/2011	No	071200070201; 071200070202	DTD-02 , DTD-03 , DTDA , DTDB , RTO , VTZW , STM , STH , WTF	Chloride; Fecal Coliform; Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)
Ferson-Otter Creek	Ferson-Otter Creek Watershed Plan	Chicago Metropolitan Agency for Planning; The Conservation Foundation; Fox River Ecosystem Partnership	11/1/2011	No	071200070102; 071200070103	DTF-02 , DTFA , DTFB , DTFC , STJ	Aquatic Algae; Chloride; Fecal Coliform; Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)
Silver Creek and Sleepy Hollow Creek	Silver Creek and Sleepy Hollow Creek Watershed Action Plan	Chicago Metropolitan Agency for Planning; Environmental Defenders of McHenry County;	11/1/2011	No	071200061105; 071200061102	RTZV , VTZB , RTW	Chlorine; Fecal Coliform; Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)

		Fox River Ecosystem Partnership; Hey and Associates, Inc					
North Mill Creek-Dutch Gap Canal	North Mill Creek / Dutch Gap Canal Watershed-Based Plan	Northwater Consultants; V3 Companies of Illinois; Bleck Engineering	7/15/2011	No	71200040201	GWA , GWAA , RGZA , RGZB , RGZE , RGZA , RGZB , RGZE , RGZK , WGS , RGC , UGV , UGX , UGY , RGY , UGU , VGD , WGZF , UGW , VGM , VGN , UTY	Alteration in stream-side or littoral vegetative covers; Arsenic; Chloride; Fecal Coliform; Manganese; Nitrogen, Nitrate; Oil and Grease; Other flow regime alterations; Phosphorus (Total); Sedimentation/Siltation; Total Suspended Solids (TSS)

Watershed-Based Plans Incorporated into the Illinois Water Quality Management Plan

Watershed Name	Title of Plan	Author(s)	Completion Date	Implementation Begun	Hydrologic Unit Code	Waterbody IDs	Causes of Impairment Addressed in Plan
Upper Kishwaukee River	Upper Kishwaukee River Watershed Plan – Technical Report	Chicago Metropolitan Agency for Planning	11/1/2008	No	070900060205	PQ-13, PQJ-01, RPB	Fecal Coliform
Lawrence Creek	Lawrence Creek Watershed Plan – Technical Report	Chicago Metropolitan Agency for Planning	9/1/2008	No	070900060301; 071200060901	PQEC-A, PQEC-C PQ-13, PQJ-01, RPB	Nitrogen, Nitrate; Phosphorus (Total)
Beaver Creek	Beaver Creek Watershed Action Plan – Technical Report	Chicago Metropolitan Agency for Planning	9/1/2008	No	070900060401; 070900060402	PQD-05, PQD-06, PQD-07, PQDA-01, RPV	Nitrogen, Nitrate; Phosphorus (Total); Sedimentation/Siltation

IMPLEMENTATION OF THE ILLINOIS NONPOINT SOURCE MANAGEMENT PROGRAM

The draft 2011 Program includes new short- and medium-term goals and corresponding milestones. These short- and medium-term goals, together with their milestones and an implementation schedule, are identified in the following table. The table also includes an informal “gap analysis” designed to report progress made toward accomplishing the goals and milestones as scheduled and to suggest any Program modifications that might be necessary.

Draft 2011 Program Goals and Milestones

TX #	ENVIRONMENTAL BENEFITS - MILESTONES	STATUS	CITATION/DESCRIPTION
A1	The total number of assessed stream miles in Illinois impaired by nonpoint source pollution will decrease 10% (minimum of 921 miles) from 9,209 stream miles in 2010 to 8,288 stream miles in 2014.	To be determined	Progress will be assessed upon release of Illinois EPA's 2012 Integrated Report.
A2	The total number of assessed lake acres in Illinois impaired by nonpoint source pollution will decrease 2.5% (minimum of 3,668 acres) from 146,730 lake acres in 2010 to 143,062 lake acres in 2014.	To be determined	Progress will be assessed upon release of Illinois EPA's 2012 Integrated Report.
A3	Each Federal fiscal year from 2011 through 2014, Illinois EPA will achieve an additional annual load reduction in <u>sediment</u> of 5,000 tons/year (as estimated with approved U.S. EPA models) discharged to water resources through the installation of new nonpoint source pollution control best management practices implemented with funding under Section 319 (or with approved match sources) and completed during that particular Federal fiscal year. This objective corresponds to National Water Program Guidance Measure WQ-09c.	Partially met	BMPs implemented in the following FFYs resulted in the following annual sediment load reductions as documented through RMMS. FFY 2011 - 4,133 tons/year
A4	Each Federal fiscal year from 2011 through 2014, Illinois EPA will achieve an additional annual load reduction in <u>total suspended solids</u> of 200,000 pounds/year (as estimated with approved U.S. EPA models) discharged to water resources through the installation of new nonpoint source pollution control best management practices implemented with funding under Section 319 (or with approved match sources) and completed during that particular Federal fiscal year.	Partially met	BMPs implemented in the following FFYs resulted in the following annual TSS load reductions as documented through RMMS. FFY 2011 - 189,677 pounds/year

A5	Each Federal fiscal year from 2011 through 2014, Illinois EPA will achieve an additional annual load reduction in <u>nitrogen</u> of 10,000 pounds/year (as estimated with approved U.S. EPA models) discharged to water resources through the installation of new nonpoint source pollution control best management practices implemented with funding under Section 319 (or with approved match sources) and completed during that particular Federal fiscal year. This objective corresponds to National Water Program Guidance Measure WQ-09a.	Partially met BMPs implemented in the following FFYs resulted in the following annual nitrogen load reductions as documented through RMMS. FFY 2011 - 8,075 pounds/year
A6	Each Federal fiscal year from 2011 through 2014, Illinois EPA will achieve an annual load reduction in <u>phosphorous</u> of 5,000 pounds/year (as estimated with approved U.S. EPA models) discharged to water resources through the installation of new nonpoint source pollution control best management practices implemented with funding under Section 319 (or with approved match sources) and completed during that particular Federal fiscal year. <i>This objective corresponds to National Water Program Guidance Measure WQ-09b.</i>	Partially met BMPs implemented in the following FFYs resulted in the following annual phosphorus load reductions as documented through RMMS. FFY 2011 - 3,912 pounds/year
<p>PROGRAMATIC MILESTONES—establish and implement effective, integrated, and holistic actions for the abatement and prevention of known and presumed water quality impairments ensuing from NPS pollution; foster multi-agency cooperation and local stakeholder input on the development, maintenance, implementation, and evaluation of this statewide plan of action; safeguard water quality from NPS pollution, consistent with the social and economic needs of the state, so as to protect health, welfare, property, and the quality of life; and satisfy the informational and procedural requirements of a state nonpoint source management program as stipulated under Section 319 of the Clean Water Act and associated federal guidance, including the nine key program elements of a successful state program as defined by U.S. EPA.</p>		
B1	The RMMS database will continue to be updated monthly and information added to track present and historical BMP implementation (date, type, location, effectiveness, etc.) by state and federal agencies.	Underway BMPs implemented under Section 319 and IGIG are tracked through RMMS. Illinois EPA will work with other agencies to promote the use of RMMS to track BMPs implemented under other programs.
B2	Financial assistance will be provided through Section 319 CWA and Illinois Clean Lake Program (Partners in Conservation) to assist in diagnosing, restoring, and protecting Illinois lakes through Diagnostic/Feasibility Studies (Phase I) and Implementation Projects (Phase II). Between 2011 and 2014 a combination of five Phase 1 and Phase II projects will be started.	Pending The following Phase I or Phase II type projects will be funded under the FFY 2011 Section 319 grant upon issuance by USEPA: Woods Creek Watershed Based Plan (11-05) & Lake Carlville Improvements (11-11).

B3	A 305(b) assessment of Illinois Waters and a 303(d) List of Impaired Waters will be submitted to U.S. EPA Region V for review and approval in 2012 and 2014.	Underway	Data are being collected and analyzed in accordance with the Illinois Water Monitoring Strategy and results will be submitted to USEPA in 2012.
B4	Investigate a Watershed Coordinator Pilot Program to assist with CREP sign-ups, watershed planning and implementation and build watershed group capacity. If appropriate implement the Pilot Program and report after two years of implementation. This program will be piloted by 2014 if an appropriate conduit is identified.	Underway	
B5	Four (4) Illinois waterbodies identified in 1998/2000 or subsequent years as being primarily nonpoint source impaired will be partially or fully restored during 2011 through 2014. <i>This objective corresponds to National Water Program Guidance Measure WQ-10.</i>	Pending	Jelkes Creek and Nippersink Watershed have recently been added to this commitment. Addison Creek and Dutchmans Reservoir have already been approved. Progress will be assessed upon release of Illinois EPA's 2012 Integrated Report.
B6	During 2011 through 2014, initial restoration planning will be completed (i.e., U.S. EPA has approved all needed TMDLs for pollutants causing impairments to the waterbody or has approved a 303(d) list that recognizes that the waterbody is covered by a Watershed based Plan) for ten (10) water segments identified as impaired by nonpoint source pollution in 2002. <i>This objective corresponds to National Water Program Guidance Measure WQ-21.</i>	Underway	TMDLs have been completed and submitted to USEPA for approval for pollutants causing impairments to two (2) water segments (RBC & RBP) identified as impaired by nonpoint source pollution in 2002. Watershed based plans have been completed or are under development for additional water segments identified as impaired by nonpoint source pollution in 2002 and appropriate water segments covered by these plans will be evaluated for TMDL development.
B7	By 2015, Illinois EPA will complete at least 2 of the major components (water chemistry, biology, habitat, landscape condition, hydrology, or fluvial geomorphology) of a Healthy Watershed Initiative assessment. Watersheds of a 12 HUC size will be targeted. This objective corresponds to National Water Program Guidance Measure WQ-22b.	Pending	

B8	All watershed-based plans begun after June 2012 and funded under Section 319 will contain a consistent format for identifying recommended tasks and an associated schedule. At a minimum this format will include a table identifying site-specific and watershed-wide BMP recommendations along with the associated units (number, feet, acres) that should be implemented, cost of implementation, estimated pollutant load reduction, priority, and responsible entity for each recommended BMP. Parties developing watershed-based plans without Section 319 funding will be encouraged to adopt the same format. The Illinois EPA will also investigate ways to have watershed groups "self report" progress made toward implementing these watershed-based plan recommendations. Anticipated schedules of self reporting will be at the 4-5 year time frame or sooner if applying for financial assistance.	Underway	A watershed-based plan data layer has been added to RMMS that includes an inventory of BMPs recommended in each plan. Investigation is underway on how to track implementation of these BMPs through RMMS.
B9	Illinois EPA will work with Federal Partners to align NPS pollution control programs and determine deficiencies. By 2013 a review will be completed of on-going NPS federal programs.	Not yet initiated	
B10	Annually submit a success story to U.S. EPA Region V for consideration.	Underway	A draft success story on the East Br. DuPage River has been completed and was submitted to USEPA in September 2011.
B11	By December 2012 all TMDLs will have a universal implementation tracking system in place.	Pending	
B12	Incorporate Green Project Reserve language into the Illinois State Revolving Loan program which would allow certain nonpoint source projects to be funded. This will occur during the 2012 Rules update.	Completed	Title 35 Ill Adm. Code Section 365.250
NUTRIENTS-Provide programs and initiatives for the development of nutrient reductions in the state to address water quality protection.			
C1	As part of the TMDL process develop Load Reduction Strategies (LRS) for all identified nutrient pollutants that do not have an Illinois Water Quality Standard. This will be a contractual item for all vendors beginning with the 2012 contracts.	Pending	Language is incorporated into the pending RFP for the FFY2012 TMDLs.

C2	Illinois EPA along with our partners will develop and implement a Nutrient Reduction Strategy for Illinois waters. Through this document it is anticipated the the NPS Program will be altered to meet the goals and objectives of this strategy. The Program will be amended to meet these objectives during the 2012 Bureau of Water Annual Hearing. This strategy will be released to the public June 2012.	Pending	
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C3	Illinois EPA will support, through 319 grant opportunities, monitoring assistance and technical advisory assistance in Mississippi River Basin Initiative watersheds. Annually Illinois EPA will provide monitoring, laboratory analysis and technical assistance in at least one designated MRBI watershed for the life of the MRBI program.	Underway	Illinois EPA supported monitoring is occurring in the Indian Creek watershed and Big Bureau Creek watershed, both are part of the MRBI.
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C4	On a continuous basis, foster nutrient management plans in watersheds where the groundwater has been contaminated by nitrates due to NPS contamination as provided by the Illinois EPA Groundwater program.	On-going	The Illinois EPA Groundwater Section has provided the Chicago Metropolitan Agency for Planning (CMAP) and the regional groundwater committees with input on this objective and encouraged them to apply for NPS funding and promote nutrient management plans in watersheds where the groundwater has been impacted by nitrates. CMAP is using groundwater monitoring data that might help characterize water quality conditions and problems in the following watersheds: Blackberry Creek (Kane and Kendall Co.), Ferson-Otter Creek (Kane Co.), and Silver Creek/Sleepy Hollow (McHenry Co.).
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GROUNDWATER-Create projects and programs to increase the number of groundwater wells sampled; to educate and inform the general public about the various ways in which NPS pollution problems in shallow, rural wells and in groundwater can be reduced; that increase the number of investigations, which assist in the identification of alternative best management practices that help minimize surface runoff and leaching of pesticides.

D1	Report on the progress of the Groundwater NPS Program for NPS Source Impacts to Groundwater in the ICCG Biennial Report.	Underway	Progress of the Groundwater NPS Program for 2010 – 2011 will be documented in the ICCG Biennial Report, published January 2012
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D2	Integrate source water assessments and protection areas into geographic information system (GIS) layers to be incorporated into the Resource Management Mapping Service (RMMS).	Underway	Illinois EPA is initiating a process to integrate GIS layers of source water assessments and protection areas to be incorporated into the (RMMS) website.
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D3	Foster road salt application BMPs and training to prevent and reduce chloride contamination trends in Priority Regional Groundwater Protection Planning Areas and in designated Class III: Special Resource Groundwater Areas. (Groundwater Section)	Underway	The Northern and Central Regional Groundwater Protection Planning Committees are sponsoring road salt application BMPs training workshops during Fall 2011, to educate applicators and reduce chloride contamination trends in Priority Groundwater Areas.
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D4	Provide a feedback mechanism to identify the acres of BMPs implemented under the Conservation Reserve Program within delineated wellhead protection areas. (Groundwater Section)	Pending	Illinois EPA has provided GIS coverage's of CWS delineated wellhead protection areas to USDA/NRCS to further promote this effort. However, due to confidentiality restrictions we are unable to document the relative success of this program.
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WETLANDS- Promote voluntary projects and programs to increase public awareness of wetlands and their benefits through education, demonstrations, and wetland monitoring. Planning, design, and implementation of BMPs for wetland NPS control projects should be evaluated and compared across a large cross section of restoration sites. This will allow identification of common characteristics, which contribute to project success, regardless of its geographic location or type.

E1	Investigate the possibility of incorporating a statewide wetlands net gain/loss as a data layer to RMMS by 2013.	Pending	
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EDUCATION-Encourage the creation, improvement and training of information and education programs that specifically explain NPS pollution, evaluation, prevention, implementation, restoration/preservation and planning through displays, audio and visual presentation materials, and printed materials.

F1	Participation in the Volunteer Lake Monitoring Program will increase by five percent between 2011 and 2015. Baseline for this milestone is 169 VLMP lakes in 2010.	To be determined	A count of lakes participating in VLMP will be made at the end of 2011.
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F2	Develop and hold, once every two years, a Nonpoint Source Pollution Workshop. To be held alternatively upstate and downstate; agricultural and urban topics. The first workshop will be held by December 31, 2012 south of Interstate I-80 and focus on NPS pollution and agriculture.	Pending	
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F3	Illinois EPA will participate in a Green Infrastructure BMP workshop to help urban decision makers select appropriate Best Management Practices. This will be completed by December 2011.	Underway	Workshop to be held September 29, 2011.
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MONITORING-Review, and when appropriate expand on monitoring efforts throughout the State. Evaluate and incorporate monitoring initiatives into NPS pollution reduction programs as part of the comprehensive watershed approach. Develop initiatives and programs that employ monitoring efforts as an educational tool to make sound and adaptive planning decisions. Apply the relevant data into the documentation of long-term water quality trends. Continue to incorporate the data collected into an accessible and useable database.

G1	Refine and standardize field assessment and data interpretation techniques to improve NPS assessments and ensure future trend evaluations are based on consistent and reliable indicators. This includes reviewing the Narrative Standard and giving consideration to updating the Standard and field assessments. To be completed by 2015.	Pending	Review and updating the Narrative Standard is currently underway
G2	Participate in watershed monitoring and reporting for Section 319 National Monitoring Program Projects. Continue current project (The Grove on Kickapoo) until at least 2014.	Partially met	A contract is in place between Illinois EPA and USGS to continue the Kickapoo Creek National Monitoring Project until 2014.
G3	Illinois EPA will begin development of the 2013-2018 Illinois Water Monitoring Strategy. Consideration will be given to comments provided by Region 5 on the Agency's previous strategy; new state and federal priorities; availability of Agency staff and financial resources; technical capabilities; etc. A draft of the strategy will be developed and provided to Region 5 for review and comment by April 30, 2013. Region 5 review comments will be provided back to the Agency by June 30, 2013. The final strategy will be developed by September 30, 2013.	Not yet initiated	
G4	Illinois EPA will work with Region V to develop an effective NPS monitoring program as part of the Illinois Water Monitoring Strategy, by September 2013.	Not yet initiated	
G5	Implementation of the Illinois EPA's "Illinois Water Monitoring Strategy" (which identifies specific monitoring sites, methods, schedules, parameters, etc. and is incorporated by reference as part of this Program).	On-going	The current Illinois Water Monitoring Strategy (2007-20012) is being implemented through a variety of monitoring initiatives.

G6	Illinois EPA will complete a pilot project for developing TMDLs for fecal coliform, total phosphorus, total dissolved solids, atrazine, and manganese that uses intense flow and water quality monitoring data to prioritize subwatershed loadings, target implementation areas, and specific implementation activities. Stage one and two of the pilot TMDLs will be completed by December 31, 2012. Stage 3 of the pilot TMDLs will be dependent upon funding availability and the findings of Stage one and two.	On-going	Pilot project is being conducted on Vermont Reservoir/Sugar Creek and Canton Lake.
G7	Annually have a Social Indicator Project either started for in the process of completion.	Met	Illinois had the following social indicator projects ongoing in 2011: Mid-Illinois River TMDL Education (07-16) & Nippersink Watershed Assessment / Watershed Manager (09-13).
PLANNING-Develop programs and projects that are supported by local interest; create intergovernmental cooperation; develop comprehensive resource management plans for the protection or restoration of lakes, streams, reservoirs, and groundwater aquifers.			
H1	During 2011 through 2014, ten (10) Watershed based Plans covering at least ten (10) 12-digit hydrologic unit codes will be completed. During 2013 this milestone will be revisited to determine an appropriate update to this milestone for years 2014-2017, this update will be incorporated into the Program during the Annual Bureau of Water Hearing.	Partially met	The following watershed-based plans have been completed since the beginning of 2011: Highland Silver Lake, Lower DuPage River, & Hickory Creek.
H2	Continue quarterly meetings, and information gathering from the ICCG, GAC, and the Regional Priority Groundwater Protection Planning on the Plan for NPS Impacts to Groundwater.	Underway	Illinois EPA obtained input of the current plan and will further integrate Groundwater NPS Program for 2010 – 2011 included in the recommendations of ICCG Biennial Report, published January 2012
H3	Incorporate groundwater protection into watershed based plans	On-going	Illinois EPA is working on a pilot effort with Chicago Metropolitan Agency for Planning (CMAP) to Incorporate groundwater quality and quantity issues into watershed based plans within the Northeastern Illinois.

AGRICULTURE- A primary state objective is to assist agricultural landowners to apply BMPs to the land to reduce soil erosion and sedimentation. Because water quality has always been an important resource concern in Illinois, programs and initiatives that promote actions to address water quality are a high priority.

I1	Consistent with the NPS Program the Conservation Practices Program (CPP), Sustainable Agriculture (SA) Grant Program and Streambank Stabilization and Restoration Program (SSRP) administered by the IDA has been instrumental regarding BMP implementation for the improvement of water quality through the reduction of soil erosion and sedimentation throughout the State. Maintain 2010 funding levels. 2010 levels: CPP- 1.8M; SA- 275,000; SSRP- \$475,000	Not Met	FY2011 funding levels were as follows: CPP \$811,477.30, Special Projects \$12,409.00, SSRP \$207,534.94, Sust. Ag. \$100,000.00
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CONSTRUCTION/URBAN/STORMWATER-Develop statewide programs and projects that are designed to inform and educate community planners and decision makers, developers, local, state and federal officials, and citizens of urban and urbanizing areas about the impacts of stormwater on local water quality and BMPs to reduce stormwater runoff. Included in these programs and projects, technical and/or financial assistance to promote, design, implement, and maintain the BMPs identified to reduce stormwater runoff.

J1	The Illinois EPA, in cooperation with AISWCD, will update and maintain The Illinois Urban Manual (IUM) technical guide for use in Illinois EPA's wastewater construction permit applications, and as general guidance in the design of urban nonpoint runoff controls. Internet access of designs will continue to be available and updated. By 2014 a minimum of 12 new or revised standards will be a part of the IUM and available on the web.	Pending	The Illinois Urban Manual Update & NPS Program Assistance project (11-03) will be funded under the FFY 2011 Section 319 grant, upon issuance by USEPA, to achieve this milestone.
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J2	Implement a Green Infrastructure Grant Program during the SFY2011 and 12, offering a total 5 million dollars of grant funds for three different funding categories (CSO Rehabilitation, Stormwater Infiltration/Retention and Small Project) with a matching requirement between 15 and 25 percent.	Partially met	The Illinois Green Infrastructure Grant Program was implemented in SFY2011. SFY 2012 funding applications will be received in December 2011. BMP implementation will be reported through RMMS.
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TOXICANTS-Develop projects and programs that assist in the promotion of NPS pollution prevention for all sources of toxicants in all media in Illinois, including the Great Lake basin. Additionally create projects and programs to implement and assess effectiveness of BMPs designed to break down, remove, or reduce existing in-place contaminants; create systems to reduce or remove toxicants from waterbodies or from watershed runoff before impacting local water quality.

K1	Continue coordination of the Generic SMP for Pesticides in Groundwater (include the dedicated pesticide monitoring network) with the ICCG, GAC, and Regional Planning Committees	On-going	Progress of the Generic SMP for Pesticides in Groundwater (including the dedicated pesticide monitoring network) Program for 2010 – 2011 will be documented in the ICCG Biennial Report, published January 2012
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Section 319(h) – Nonpoint Source Pollution Control Financial Assistance Program

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 nonpoint source pollution control projects in urban and rural settings have been implemented throughout Illinois, along with the implementation of enhanced education and information efforts through various media.

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.

The following table identifies the nonpoint source pollution control projects funded in Illinois under Section 319 of the Clean Water Act since Federal fiscal year 2010 and the Draft 2011 Program goals and milestones that those projects will address.

Draft 2011 Program Milestones Addressed by Projects Funded Under Section 319 After 2010

State Project Number	Project Title	
11-01	Ravine Stabilization in the Farm Creek Watershed	A1, A3, A4, A5, A6
11-03	Illinois Urban Manual Update & NPS Program Assistance	A1, A2, J2
11-05	Woods Creek Watershed Based Plan	A1, A2, B2, B3, H1
11-06	Judson University Tyler Creek Restoration	A1, A3, A4, A5, A6
11-08	Indian Creek and Dago Slough BMP implementation	A1, A3, A4, A5, A6
11-09	Nippersink Creek Watershed Plan Implementation	A1, A2, A3, A4, A5, A6, B2
11-10	North Branch Chicago River Watershed Project	A1, A3, A4, A5, A6, B2
11-11	Lake Carlinville Improvements	A1, A2, A3, A4, A5, A6, B2
11-12	Cahokia Creek Restoration at Roxana Landfill	A1, A3, A4, A5, A6, B2
11-13	Naperville Parks Water Quality Improvement Project	A1, A3, A4, A5, A6, B2
11-14	Carbon Cliff Permeable Streets	A1, A3, A4, A5, A6, B2

The following table summarizes the grant funds that have been awarded to the Illinois EPA each federal fiscal year under Section 319 of the CWA.

Funding Awarded to Illinois EPA Under Section 319 of the CWA

FFY	Grant No.	Award Date	Budget Period Start Date	Budget Period End Date	Award Amount	Illinois EPA Base Operating Program Funds	Section 319(h) Funds Awarded to Sub-recipients	Total No. of Projects	No. of Projects Complete	TMDL Amt. Removed Pre-award
1990	995010010	03/01/90	03/01/90	09/30/94	\$750,000	\$0	\$750,000	9	9	
1991	995010910	09/25/91	10/01/91	09/30/96	\$300,501	\$0	\$300,501	5	5	
1991	995010020	08/12/91	08/01/91	09/30/97	\$1,308,200	\$600,000	\$708,200	10	10	
1992	995010920	08/17/92	08/15/92	09/20/96	\$1,824,000	\$600,000	\$1,224,000	5	5	
1993	995010930	07/21/93	09/01/03	09/30/97	\$1,931,217	\$600,000	\$1,331,217	16	16	
1994	995010940	04/07/94	04/11/94	03/31/01	\$3,601,630	\$1,274,862	\$2,326,768	31	31	
1995	995200050	06/13/95	10/01/94	08/31/99	\$3,816,920	\$2,083,384	\$1,733,536	18	18	
1996	995010960	03/18/96	10/01/95	12/31/02	\$3,975,198	\$2,177,182	\$1,798,016	21	21	
1997	995010970	02/05/97	10/01/96	10/31/03	\$4,096,964	\$2,276,710	\$1,820,254	18	18	
1998	995010980	02/18/98	10/01/97	12/31/04	\$4,411,764	\$2,061,180	\$2,350,584	22	22	
1999	995010990	02/02/99	10/01/98	09/30/05	\$7,322,480	\$2,961,436	\$4,361,044	20	20	\$893,120
2000	995010000	03/01/00	10/01/99	09/30/06	\$8,139,800	\$2,545,158	\$5,594,642	18	18	
2001	975483010	04/19/01	10/01/00	09/30/07	\$9,540,100	\$2,766,267	\$6,773,833	20	20	
2002	975857020	05/13/02	10/02/01	09/30/07	\$8,540,100	\$2,716,390	\$5,823,710	24	24	\$1,000,000
2003	975857030	09/25/03	10/01/02	09/30/08	\$8,290,100	\$2,776,938	\$5,513,162	27	27	\$1,289,700
2004	995200040	06/10/04	10/01/03	09/30/09	\$8,329,800	\$2,852,478	\$5,477,322	23	23	\$1,153,200
2005	995200050	06/13/05	10/01/04	12/31/10	\$7,456,300	\$2,819,745	\$4,636,555	24	24	\$800,000
2006	995200060	09/22/06	10/01/05	09/30/10	\$7,584,900	\$2,753,284	\$4,831,616	19	19	\$800,000
2007	995200070	08/21/07	10/01/06	09/30/11	\$7,120,350	\$2,464,823	\$4,655,527	17	17	\$804,250
2008	995200080	07/21/08	06/01/08	09/30/13	\$8,138,400	\$2,599,569	\$5,538,831	17	11	\$800,000
2009	995200090	07/30/09	05/01/09	09/30/13	\$7,148,400	\$2,706,394	\$4,442,006	14	8	\$800,000
2010	995200010	04/14/10	05/01/10	12/31/14	\$7,348,000	\$2,727,203	\$4,620,797	19	1	\$600,000
2011	995200011	08/09/11	07/01/11	06/30/16	\$5,968,441	\$2,441,393	\$3,527,048	11	0	\$935,559
	Totals				\$126,943,565	\$46,804,396	\$80,139,169	408	367	\$9,875,829

With funding under Section 319 of the Clean Water Act, the Illinois EPA has provided assistance to landowners, municipalities, and others for the implementation of nonpoint source pollution control projects. The types of eligible projects include the implementation of a watershed based plan or TMDL implementation plan; development of a watershed based plan, TMDL or TMDL implementation plan; best management practice (BMP) implementation; information and outreach; monitoring; and research. More information on grants available to control nonpoint source pollution in Illinois can be found at the Illinois EPA's website (<http://www.epa.state.il.us/water/financial-assistance/non-point.html>).

Nonpoint source pollution control projects implemented in Illinois with funding under Section 319 of the Clean Water Act are tracked through USEPA's Grants Reporting and Tracking System (GRTS) website (<http://iaspub.epa.gov/pls/grts/f?p=110:199:1425698992823918>).

Individual best management practices (BMP) implemented in Illinois with funding under Section 319 of the Clean Water Act are tracked geographically through the University of Illinois and Illinois EPA's Resource Management Mapping Service (RMMS) website (<http://rmms-space4.ad.uiuc.edu/RMMS-ArcGIS//Home.aspx>).

The following table quantifies the BMPs implemented since Federal Fiscal Year 1990 along with associated annual pollutant load reductions. However, there is some under reporting as this information was not available for all projects. Also some BMPs, generally urban practices, estimated reductions for TSS but not sediment. And some BMPs, generally non-urban practices, estimated reductions for sediment but not TSS.

Section 319 NPS Program - Summary of Completed BMPs

BMP Name (code) by NPS Category	Number	Acres	Feet	Pollutant Load Reduction			
				N	P	TSS	SED
AGRICULTURE							
Brush Management (314)	-	6	-	-	-	-	-
Conservation Tillage (329)	-	13,641	-	3,913	2,005	-	135,827
Critical Area Planting (342)	-	15	-	1,116	559	-	3,915
Sediment Basin (350)	134	-	-	7,069	3,053	-	22,046
Diversion (362)	-	-	1	534	51	-	-
Pond (378)	129	-	-	16,571	8,286	-	23,159
Filter Strip (393)	-	13,885	-	329,813	167,170	-	106,822
Grade Stabilization Structure (410)	165	-	-	3,734	1,867	-	4,454
Grassed Waterway (412)	-	241	-	6,403	3,203	6	19,635
Nutrient Management (590)	-	146,478	-	105,348	53,482	-	36,522
Terrace (600)	-	-	138,611	6,950	3,597	-	11,437
Tree Planting (612)	-	5,465	-	47,217	23,610	-	19,948
Water and Sediment Control Basin (638)	-	-	182,209	13,023	6,164	-	23,871
Infiltration Trench (845)	2	-	-	7	-	827	-
Level Spreader (870)	3	-	-	-	-	-	-
Permanent Seeding (880)	-	1,418	-	2,095	1,049	-	653
Rock Outlet Protection (910)	4	-	-	271	135	-	135

HYDROLOGIC							
Wetland Acquisition (6)	-	242	-	-	-	-	-
Dredging (7)	10	-	-	-	-	-	-
Stream Channel Restoration (9)	-	-	21,955	3,644	1,824	-	1,817
Spillway Restoration (14)	1	-	-	-	-	-	-
Dam Removal (16)	2	-	-	-	-	-	-
dam repair (31)	1	-	-	-	-	-	-
Clearing and Snagging (326)	-	-	7,401	6	3	-	3
Streambank and Shoreline Protection (580)	-	-	478,714	79,475	39,681	1,523	64,022
Ditch Stabilization (581)	-	-	6,565	612	309	11,752	299
Stream Channel Stabilization (584)	-	-	23,397	2,835	1,330	-	1,434
Wetland Restoration (657)	-	662	-	2,669	1,622	620,452	7,262
LIVESTOCK							
Waste Management System (312)	3	-	-	6,897	1,047	-	45
Waste Storage Structure (313)	25	-	-	28,103	4,430	-	23
Fencing (382)	-	-	10,509	66	33	-	37
Livestock Exclusion (472)	-	193	-	128	66	-	70
Pasture and Hayland Management (510)	-	416	-	-	-	-	-
Pasture and Hayland Planting (512)	-	392	-	1,630	817	-	627
Planned Grazing Systems (556)	-	751	-	993	507	-	383
Roof Runoff Management (558)	4	-	-	11,175	1,801	-	-
Roofing for Runoff Control (559)	2	-	-	1,693	338	-	-
Runoff Management System (570)	4	-	-	33	6	-	-
Stock Trails and Walkways (575)	-	-	350	-	-	-	-
Trough or Tank (614)	2	-	-	-	-	-	-
Wash Water Recovery (634)	4	-	-	29	739	-	-
OTHER2							
Education (1)	115	-	-	-	-	-	-
Monitoring (2)	34	-	-	-	-	-	-
Planning/Administration (3)	65	-	-	-	-	-	-
Technical Assistance (4)	32	-	-	-	-	-	-
Well Sealing (5)	239	-	-	-	-	-	-
Sinkhole Stabilization (8)	10	-	-	-	-	-	-
Cistern (12)	10	-	-	-	-	-	-
Regulations (15)	2	-	-	-	-	-	-
aquatic herbicide application (19)	-	3	-	-	-	-	-
nutrient inactivation (27)	1	-	-	-	-	-	-
habitat enhancement (29)	1	-	-	-	-	-	-
buffer zone enhancement / installation (35)	-	1	-	-	-	41	-
Forest Land Erosion Control System (408)	-	278	-	24,615	12,252	-	16,259
Land Reconstruction, Abandoned Mined Land (543)	-	62	-	-	-	-	-

Land Reconstruction, Currently Mined Land (544)	-	16	-	-	-	-	-	
Wildlife Wetland Habitat Management (644)	-	4	-	-	-	-	-	
Woodland Improvement (666)	-	286	-	79	39	271	45	
URBAN								
Oil and Grit Separator (10)	12	-	-	36	1	7,417	-	
Green Roof (11)	-	1	-	2	11	23,285	-	
Rain Garden (13)	50	-	-	186	88	76,365	-	
Street Sweeping (17)	1	-	-	-	1	4,730	-	
Critical Area Planting (342)	-	0	-	-	-	46	-	
Sediment Basin (350)	15	-	-	2,793	953	157,755	7,695	
Dike (356)	-	-	100	-	-	-	-	
Grade Stabilization Structure (410)	214	-	-	68,555	34,274	-	34,284	
Recreation Area Improvement (562)	-	8	-	-	-	-	-	
Terrace (600)	-	-	4,000	1	-	267	-	
Tree Planting (612)	-	5	-	36	18	-	14	
Water and Sediment Control Basin (638)	-	-	2,000	-	-	-	58	
Urban Stormwater Wetlands (800)	50	-	-	8,072	2,040	1,913,713	-	
Bioswale (814)	-	3	-	-	-	-	-	
Urban Filter Strip (835)	-	8	-	243	47	59,677	-	
Grass-Lined Channels (840)	-	5	-	299	119	75,043	33	
Infiltration Trench (845)	38	-	-	37	9	19,168	1	
Land Grading (865)	-	2	-	9	5	-	6	
Level Spreader (870)	7	-	-	124	27	19,120	-	
Permanent Seeding (880)	-	2	-	9	5	-	6	
Porous Pavement (890)	-	12	-	520	51	64,372	-	
Rock Outlet Protection (910)	8	-	-	-	-	-	-	
Subsurface Drain (945)	-	-	1	3	-	339	-	
				Totals	789,670	378,723	3,056,169	542,847

* N = Nitrogen
 * P = Phosphorus
 * TSS = Total Suspended Solids
 * SED = Sediment Load

The following table identifies an estimate of annual pollutant load reductions achieved by completed BMPs for all Section 319 projects funded under a particular federal fiscal year. However, there is some under reporting as this information was not available for all BMPs. Also some BMPs, generally urban practices, estimated reductions for TSS but not sediment. And some BMPs, generally non-urban practices, estimated reductions for sediment but not TSS. The numbers do not reflect load reductions anticipated from BMPs that are planned but not yet constructed.

Section 319 NPS Program

Annual Pollutant Load Reductions Estimated for Completed BMPs

Federal Fiscal Grant Year	Nitrogen Lbs./Year	Phosphorus Lbs./Year	TSS Lbs./Year	Sediment Tons/Year
1990	1,528	602	0	587
1991	485	172	72,818	122
1992	216	108	0	127
1993	1,592	797	0	3,139
1994	5,546	2,699	0	96,505
1995	1,039	515	3,215	607
1996	23,234	11,607	15,353	62,915
1997	2,447	1,237	343	2,685
1998	3,357	1,153	512,465	66,187
1999	12,827	6,022	440,162	7,006
2000	84,764	42,580	6	20,315
2001	56,451	14,332	400,290	14,872
2002	334,852	169,068	382,554	117,671
2003	28,597	14,135	83,333	13,829
2004	72,508	36,754	460,551	44,653
2005	8,069	3,351	160,500	4,617
2006	101,869	49,693	123,685	51,663
2007	14,847	7,230	173,840	8,569
2008	7,316	3,636	99,306	4,066
2009	12,276	5,994	113,113	6,164
2010	5,752	1,559	14,520	1,675
2011	0	0	115	0

COMPLETED PROJECTS

FFY07 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Low Impact Development Techniques in Madison County, Illinois

Purpose: This project served as a model for developers and municipalities who are interested in implementing Low Impact Development (LID) Best Management Practices (BMPs) within the county. A complementary project funded by the IDNR C2000 program and introduced by the Southwestern Illinois RC&D developed a Guidance Document for the implementation of Conservation Subdivision design. Using this document, staff provided technical assistance to developers and municipal staff to lead toward the implementation of demonstrative BMPs. This project provided funding to developers to implement LID practices to offset costs over and above traditional design.

Project Location: Madison County

Subgrantee: Southwestern Illinois Resource Conservation and Development, Inc.
406 East Main
Mascoutah, Illinois

Project Reports and Other Informational Materials:

“Low Impact Development Techniques in Madison County, Illinois – Final Report & Project Evaluation.” December 31, 2009. Southwestern Illinois Resource Conservation and Development, Inc.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	1,647 ft.	472	1	8
012	Cistern	3 (no.)	?	?	?
013	Rain Garden	4 (no.)	?	0	0
800	Urban Stormwater Wetland	2 (no.)	?	0	2
835	Urban Filter Strip	0.04 ac.	?	0	1
840	Grassed Lined Channel	0.2 ac.	?	0	0
845	Infiltration Trench	3 (no.)	?	0	0
890	Porous Pavement	0.05 ac.	?	0	3

07-01(319) ST

Title: Illinois LICA 2007 and 2008 Conservation Expos

Purpose: Best management practices (BMPs) were installed at the Illinois Land Improvement Contractors Association’s 2007 and 2008 Conservation Expo. The BMPs installed demonstrated cost-effective techniques that contractors and landowners can use to reduce nonpoint source pollution.

Project Location: Counties of McLean and Macon.

Subgrantee: Illinois Land Improvement Contractors Association, Inc.
118 E. Knoxville Street, P.O. Box 474
Brimfield, Illinois 61617-0474

Project Reports and Other Informational Materials:

“Illinois LICA 2007 and 2008 Conservation Expos – Final Report.” October 24, 2008. Illinois Land Improvement Contractors Association, Inc.

07-02(319) CD

Title: Protecting Water Quality in Urban Centers of Illinois-Phase 2

Purpose: This project maintained and improved 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, were 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 were used to develop the technical capabilities of SWCD staffs to develop and deliver technical educational materials or to conduct educational workshops or seminars.

Project Location: Statewide

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

Project Reports and Other Informational Materials:

“Protecting Water Quality in Urban Centers of Illinois-Phase 2 – Final Report.” September 16, 2009. Association of Illinois Soil & Water Conservation Districts.

07-04(319) CD

Title: Libertyville Facility BMP Demonstration Project

Purpose: This project installed a 180 linear foot bioswale (4,830 sq. ft.), three rain gardens (42,337 sq. ft.), 1,395 linear feet of native plant swales (26,831 sq. ft.), and two stormwater wetlands (10.43 acres) at the Lake County Central Permit Facility. This project implemented and displayed nonpoint source pollution control best management practices at the facility to demonstrate good development practices while protecting Bull Creek (ILGV01).

Project Location: Lake County

Subgrantee: Lake County Administrator's Office
 18 North County Street
 Waukegan, Illinois 60085

Project Reports and Other Informational Materials:

"Lake County Libertyville Facility BMP Demonstration Project." July 22, 2010. Lake County Stormwater Management Commission.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
013	Rain Garden	3 (no.)	?	2	13
800	Urban Stormwater Wetland	2 (no.)	?	24	86
835	Urban Filter Strip	0.61 ac.	?	2	16
845	Infiltration Trench	1 (no.)	?	0.5	4

07-05(319)CD

Title: Fox River Stabilization Project

Purpose: This project stabilized approximately 2,306 feet of eroding streambanks along a segment of the Fox River (ILDT58) at two highly visible park locations in St. Charles, Illinois. These are Boy Scout Island and St. Mary Park. Streambanks were stabilized with dense, deep-rooted native vegetation and rip rap. Vegetated buffers were also established. Eight "limestone-steppers" were constructed to allow controlled public access to the river and stabilize the eroded paths to the water's edge. Interpretive signage was installed at each site.

Project Location: Kane County

Subgrantee: St. Charles Park District
 8 North Avenue
 St. Charles, Illinois 60174

Project Reports and Other Informational Materials:

"Fox River Stabilization Project – Final Report." December 2009. Kabbes Engineering, Inc.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	2,306 ft.	138	138	277

07-06(319)SR

Title: DuPage River, Salt Creek TMDL Implementation Phase II

Purpose: This project contributed to reductions of chloride from urban runoff, increased awareness and implementation of sediment and erosion control and stormwater best management practices at both the professional and residential level and completed the design phase for two projects to improve dissolved oxygen through dam removal/modification and in-stream aeration. This project also continued the funding of a watershed coordinator. The DuPage River and Salt Creek are included on Illinois 303(d) list. The TMDL and implementation plan for the DuPage River and Salt Creek are complete.

Project Location: Counties of DuPage & Cook

Subgrantee: DuPage River/Salt Creek Workgroup
10S 404 Knoch Knolls Road
Naperville, Illinois 60565

Project Reports and Other Informational Materials:

“DuPage River and Salt Creek TMDL Implementation Phase II – Final Report.” October 31, 2010. The DuPage River Salt Creek Workgroup.

07-07(319) CD

Title: North Branch Watershed Project - Implementation Phase 6

Purpose: This project implemented additional best management practices (BMPs) in accordance with the North Branch Watershed Management Plan in Lake County. The North Branch of the Chicago River is composed of three forks: the West Fork, Middle Fork, and the Skokie River. All three forks as well as six lakes and ponds in the watershed are listed as impaired waters on Illinois’ 303(d) list. This project executed nonpoint source pollution control recommendations of a watershed-based plan for the North Branch Chicago River.

Project Location: Lake County

Subgrantee: Lake County Stormwater Management Commission
333 Peterson Road
Libertyville, Illinois 60048

Project Reports and Other Informational Materials:

“North Branch Chicago River Watershed Project Phase 6 – Final Report.” November 30, 2010. Lake County Stormwater Management Commission.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
011	Green Roof	0.22 ac.	?	?	?
012	Cistern	1 (no.)	?	?	?
013	Rain Garden	5 (no.)	?	0	77
580	Streambank/Shoreline Protection	13,992 ft.	2,414	871	1,652
657	Wetland Restoration	4.51 ac.	?	44	237
800	Urban Stormwater Wetland	3 (no.)	?	41	179
840	Grassed Lined Channel	1.08 ac.	33	51	101
890	Porous Pavement	0.18 ac.	?	11	103

07-08(319) CD

Title: Otter Lake Shoreline Erosion Control

Purpose: This project continued efforts to stabilize Otter Lake (ILRDF) shoreline by dealing with the most eroded areas first using a barge equipped with a conveyor belt to distribute rip rap in these areas. Approximately 14,657 feet of shoreline were stabilized with rip rap and approximately 1,433 feet of shoreline were protected by planting 800 bald cypress trees and 400 hardwood trees along the shoreline. Otter Lake is on Illinois' Section 303(d) list. Currently the lake and watershed are involved in TMDL development. A watershed-based plan has been developed which identifies the pollutants causing water quality impairments and describes BMPs to be implemented to solve water quality problems.

Project Location: Macoupin County

Subgrantee: Otter Lake Water Commission
6475 West Montgomery Road
P.O. Box 468
Virden, Illinois 62690

Project Reports and Other Informational Materials:

"Otter Lake Shoreline Erosion Control Project." November 3, 2009. Otter Lake Water Commission.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	16,090 ft.	370	370	744

07-09(319) CD

Title: Stabilization of White Pine Drainage Channel

Purpose: This project stabilized 3,635 feet of eroding streambanks along a 1,818 foot segment of the White Pine Drainage Channel which discharges into Buffalo Creek (ILGST), a tributary of the Des Plaines River, located between Sycamore Road and Bernard Drive in Buffalo Grove, Illinois. The project stabilized banks and dissipated the energy of water entering the channel. Existing sediment deposits were removed from stream bed to produce a more consistent flow gradient. The channel was lined with an erosion control blanket and turf reinforcement mat with an 18” boulder lining at the toe of slope. The banks and stream edge were re-vegetated with native plants. Sump pump outfalls were lowered and rip rap placed at storm sewer and sump pump outfalls to reduce scour.

Project Location: Cook County

Subgrantee: Village of Buffalo Grove
51 Raupp Blvd.
Buffalo Grove, Illinois 60089

Project Reports and Other Informational Materials:

“Stabilization and Naturalization of White Pine Drainage Channel.” August 5, 2009. Bonestroo, Inc.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	3,635 ft.	130	130	262

07-11(319) JC

Title: Kickapoo Creek Corridor Restoration

Purpose: The project initiated the restoration of Kickapoo Creek (ILEIE03) and its riparian corridor within the limits of the “Grove on Kickapoo Creek” residential development. The project involved re-meandering and bank stabilization of 2,800 feet of Kickapoo Creek north of Ireland Grove Road, installation of 4.5 acres of riparian wetlands, and revegetation of a 40 acre riparian corridor for Kickapoo Creek designed to stabilize soils, slow runoff and erosion, and prevent stormwater pollutants from entering the creek. The restoration site is in HUC 071300090502 and upstream of a TMDL segment.

Project Location: McLean County

Subgrantee: City of Bloomington
109 E. Olive Street
Bloomington, Illinois 61701-5219

Project Reports and Other Informational Materials:

“Kickapoo Creek Project – Phase 1 – Final Report.” July 24, 2009. Farnsworth Group Inc.

Title: Glacial Park Center Stormwater BMPs

Purpose: This project implemented BMPs to reduce nonpoint source pollution to Nippersink Creek (ILDTK-04) and Wonder Lake (ILRTZC) from the new Glacial Park Center for Environmental Research and Exploration in McHenry County, Illinois. The project included the construction of a 75,983 square foot permeable parking lot and drop off area, a system of rain gardens (10,339 square feet), infiltration trenches (1,100 square feet), level spreaders (221 square feet), and approximately four acres of native prairie/woodland restoration. Interpretive signage, an interpretive display (video), and an informational brochure were developed and installed at the site to educate the public about nonpoint source pollution and the BMPs. Nippersink Creek and Wonder Lake are included on Illinois' 303d list. A watershed-based plan has been completed.

Project Location: McHenry County

Subgrantee: McHenry County Conservation District
18410 U.S. Highway 14
Woodstock, Illinois 60098

Project Reports and Other Informational Materials:

"McHenry County Conservation District Glacial Park Center Stormwater BMPs – Project Report." May 2011. Conservation Design Forum.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
013	Rain Garden	3 (no.)	?	0.2	0.9
666	Woodland Improvement	4.1 ac.	?	1	2.8
845	Infiltration Trench	2 (no.)	?	0.5	1.6
870	Level Spreader	4 (no.)	?	?	?
890	Porous Pavement	1.74 ac.	?	1.6	16.3

07-14(319)SR

Title: Clean Water: The Role of Trees and Vegetation

Purpose: A one-day forum was held in Moline, Illinois to inform the public about the effective use of trees to filter and absorb nonpoint source pollution. A presentation was also made at three conferences across the state to promote the use of trees for nonpoint source pollution control.

Project Location: Statewide

Subgrantee: Trees Forever

770 7th Avenue
Marion, Iowa 52302

Project Reports and Other Informational Materials:

“Clean Water: The Role of Trees and Vegetation – Final Report.” March 2011. Trees Forever

07-15(319) BL

Title: Mackinaw Riverbank Stabilization - Waibel Project

Purpose: This project stabilized 400 feet of eroding streambank along a segment of the Mackinaw River (ILDK-12). Streambanks were stabilized using a combination of stone toe protection and stream barbs.

Project Location: Tazewell County

Subgrantee: Tazewell County Soil and Water Conservation District
1440 Valle Vista Blvd., Suite B
Pekin, Illinois 61554

Project Reports and Other Informational Materials:

“Mackinaw Riverbank Stabilization - Waibel Project.” September 6, 2011. Maurer-Stutz, Inc.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	400 ft.	299	299	598

07-18(319) CD

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA developed 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 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.

07-(319) AW

FFY08 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Streambank Clean Up & Lakeshore Enhancement (SCALE)

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 \$3,500 to help conduct their clean-up event. The local sponsor could use the funds for event promotion, event equipment or disposal fees.

Project Location: Statewide

Subgrantee: Not Applicable

Project Reports and Other Informational Materials:

Streambank Clean Up & Lakeshore Enhancement (SCALE). February 2011. Illinois Environmental Protection Agency.

08-02 (319)CD

Title: Resource Management Mapping Service

Purpose: This project continued development and maintenance of the best management practice (BMP) database developed by the University of Illinois and Illinois EPA to geographically track BMPs implemented by the Illinois EPA with funding under Section 319 of the Clean Water Act. In cooperation with the Illinois EPA, the University of Illinois identified and implemented proposed enhancements to the interface, database, and design. To maintain the Illinois EPA database and enable new analytic geo-processing functions of the data, funding was also be used to update and expand Resource Management Mapping Service (RMMS), a website maintained at the University of Illinois to aid public stakeholders in watershed management.

Project Location: Statewide

Subgrantee: University of Illinois
1901 South First Street, Suite A
Champaign, Illinois 61820

08-03(319)SR

Title: South Pond Enhancement Demonstration & Education Project

Purpose: This project restored the South Pond (ILQZL) at Lincoln Park Zoo in Chicago, Illinois. Existing asphalt walkways and concrete retaining walls, which have deteriorated, were removed and 3,850 feet of pond edge was re-graded and vegetated with pollutant filtering plants. A 10 to 20 foot buffer strip of prairie grasses and other plants was installed between the park and the pond's shoreline. Asphalt walkways were replaced with a porous boardwalk made of recycled plastic. This project also used South Pond to educate visitors about water quality and non-point

source pollution. Educational activities include hiring a part-time South Pond Program Assistant, development and delivery of teacher training workshops, support for the 4th and 5th annual Build and Grow South Pond Science and Project Fairs in 2008 and 2009, a mobile display booth on the South Pond and clean water issues displayed at events around Chicago and the state by staff and volunteers, and presentations at two conferences. Finally, Integrated Lakes Management trained volunteer naturalists and analyzed the results of a water quality monitoring program.

Project Location: Cook County

Subgrantee: Lincoln Park Zoo
2001 North Clark Street
Chicago, Illinois 60614

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	3,850 ft.	8	9	19
890	Porous Pavement	0.25 ac.	?	1	2

08-04(319)BL

Title: Watershed Capacity Building

Purpose: This project provided capacity-building support to a broad audience of watershed organizations to meet a number of their information and training needs. Illinois specific topics were identified by surveying the major stakeholders addressing Illinois water quality issues such as SWCDs, municipalities, Ecosystem Partnerships, watershed groups, universities and others. The list of topics was broken down into three categories: information needs, training, and technology transfer. Additionally, the survey helped determined the best avenue for information distribution for each type of watershed organization and information type being disseminated. A current list of watershed groups/organizations in Illinois was developed. Ten workshops, covering six different topics, were held in various parts of the state.

Project Location: Statewide

Subgrantee: Prairie Rivers Network
1902 Fox Drive, Suite G
Champaign, Illinois 61820

Project Reports and Other Informational Materials:

“Watershed Capacity Building – Strategy Implementation.” April 2011. Prairie Rivers Network.

08-05(319)CD

Title: BMP Implementation Addressing Highland Silver Lake TMDL

Purpose: This project developed a Watershed Based Plan that meets the 9 minimum elements and stabilized 4,130 linear feet of moderate to severely eroded shoreline on Highland Silver Lake (ILROZA), a 550 acre public water supply and recreational lake. Although not financed with Section 319 funding, fencing and alternate watering sources (2 ponds) were installed to prevent livestock from accessing to the lake. These best management practices are consistent with the recommendations of the Clean Lakes Diagnostic/Feasibility Study and the Highland Silver Lake Total Maximum Daily Load (TMDL).

Project Location: Madison County

Subgrantee: City of Highland
P.O. Box 218
Highland, Illinois 62249

Project Reports and Other Informational Materials:

“Project Evaluation and Completion Report for Highland Silver Lake.” July 2011. HDR Engineering, Inc.

“Watershed Plan for Highland Silver Lake Watershed.” July 2011. HDR Engineering, Inc.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	4,100 ft.	657	657	1315

08-10(319) JC

Title: BMP Implementation Addressing Kinkaid Lake Sedimentation & TMDL

Purpose: This project constructed one sediment/nutrient detention basin and stabilized 7,495 lineal feet of eroding shoreline in the Kinkaid Lake (ILRNC) watershed. Shoreline stabilization was accomplished by barge applied rip rap. All practices were designed to reduce nonpoint source pollution and improve water quality. Kinkaid Lake is included on Illinois’ 303d list. A TMDL and Phase 1 Diagnostic / Feasibility Study have been completed for Kinkaid Lake.

Project Location: Jackson County

Subgrantee: Kinkaid-Reed’s Creek Conservancy District
1763 Water Plant Road
Murphysboro, Illinois 62966

Project Reports and Other Informational Materials:

“Kinkaid Lake TMDL Best Management Practices Implementation – Project Evaluation and Final Report.” November 2010. HDR.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
350	Sediment Basin	1 (no.)	249	51	102
580	Streambank/Shoreline Protection	7,495 ft.	1,900	1,900	3,795

08-11(319) JC

Title: Barrington Area Community Outreach Program

Purpose: Working with local partners, this project was designed to support implementation of the Flint Creek (ILDZS01) watershed-based plan by providing the resources for a series of educational outreach programs for the community. Four, free to the public sessions were hosted that included short presentations on green gardening, low impact development, how local water protection issues have global ramifications, improving the watershed, what homeowners can do to reduce nonpoint source pollution, lake and riparian water protection, and living next to and in harmony with water resources.

Project Location: Counties of Cook & Lake

Subgrantee: Barrington Hills Conservation Trust
17 Oakdene Road East
Barrington Hills, Illinois 60010

08-12(319) BL

Title: TMDL/Watershed Based Plan Adaptive Implementation Demonstration Project

Purpose: This project developed Total Maximum Daily Loads (TMDL) for the Prairie Creek (ILDGZN01), Indian Creek (ILDJFC), and Dago Slough (ILILDJFCA) watersheds. A monitoring strategy was implemented to collect additional flow and water quality data to supplement existing Illinois EPA water quality information for the project area to identify and locate sources of water quality stressors and to serve as a foundation to develop TMDLs. TMDLs were then developed for the watersheds. This project also developed design specifications for the stabilization of 3,740 feet of eroding streambanks on a segment of South Kickapoo Creek (ILDZ3B).

Project Location: Counties of Hancock and Knox

Subgrantee: The Board of Trustees of the University of Illinois
1901 South First Street, Suite A
Champaign, Illinois 61820

Project Reports and Other Informational Materials:

Load Reduction Strategy and TMDL Final Approved Report - Indian Creek, Dago Slough and Prairie Creek. December 16, 2010. Illinois Environmental Protection Agency.

FFY09 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Silver Creek Stabilization

Purpose: This project stabilized 2,155 feet of eroding streambanks along a segment of Silver Creek (ILGM01), a tributary of the DesPlaines River, located in Melrose Park, Illinois. Streambanks were stabilized using stone toe protection, vegetated geogrid, slope re-grading, fiber roll toe, minor clearing of non-native vegetation, re-vegetation with native wetland plugs and seed, rock points, and two riffles.

Project Location: Cook County

Subgrantee: Village of Melrose Park
1000 N. 25th Avenue
Melrose Park, Illinois 60160

Project Reports and Other Informational Materials:

“Silver Creek Streambank Stabilization Project, Phase 3.” November 2010. Living Waters Consultants, Inc.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
580	Streambank/Shoreline Protection	2,155 ft.	296	296	593

09-03 (319)SR

Title: Joliet Junior College Lake Clean-up and Management

Purpose: This project installed a variety of best management practices (BMPs) to reduce nutrient and pollutant loading to Joliet Junior College Lake and improve water quality. The project included a 2,050 ft. vegetated bioswale, a 350 ft. wetland swale with stone check dams, and a 1.9 acre stormwater wetland at the downstream end of the bioswales. Fore bays were installed at the entry points to the wetland and also at the wetland outfall. Separators were installed in three locations to treat runoff from parking lots and buildings before it enters the lake. The project also included dredging 7,458 cubic yards of sediment from the lake. The cost of dredging (\$268,125) was paid entirely with local funding and used only as match under the project. Joliet Junior College Lake (ILWGZX) is tributary to Rock Run (ILGBAA-01).

Project Location: Will County

Subgrantee: Joliet Junior College
 1215 Houbolt Road
 Joliet, Illinois 60431-8938

Project Reports and Other Informational Materials:

“Joliet Junior College Lake Clean-up and Management Project.” July 2011. Joliet Junior College.

www.jjc.edu/info/lake

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
007	Dredging	1 (no.)	?	?	?
010	Oil and Grit Separator	3 (no.)	?	?	7
800	Urban Stormwater Wetlands	1 (no.)	?	12	55
814	Bioswale	2.5 ac.	?	?	?

09-04 (319)SR

Title: Flint Creek Watershed Plan Implementation Projects

Purpose: This project retrofitted an existing detention basin located at the Lake Barrington Village Hall by replacing existing turf grass with wet and mesic prairie vegetation and constructing vegetated swales along the east side of the parking lot to collect and filter runoff. Signage was placed at the site to explain the water quality and infiltration benefits of the project. Also, an existing three acre pond (pond 4) in the Braymore Hills subdivision was converted into a stormwater wetland through the addition of floating islands of wetland plants to reduce nutrients in the water. Turf grass along the shoreline was replaced with native vegetation to create a 0.4 acre prairie buffer. Enzyme B504 was applied to the entire 20 acre pond system, of which pond 4 is a part, to break down the organic material on the bottom of the ponds, which is a major source of nutrients. Ultrasonic algae control was also used in pond 4.

Project Location: Counties of Lake & Cook

Subgrantee: Citizens for Conservation Flint Creek Watershed Partnership
 459 West Highway 22
 Barrington, Illinois 60010

Project Reports and Other Informational Materials:

“Flint Creek Watershed Plan Implementation Projects – Final Report.” December 2010. Citizens for Conservation Flint Creek Watershed Partnership.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
019	Aquatic Herbicide Application	3 ac.	?	?	?
027	Nutrient Inactivation	1 (no.)	?	?	?
800	Urban Stormwater Wetland	2 (no.)	?	3	21

09-06(319)SR

Title: Early Childhood Center Water Quality Improvement Project

Purpose: This project installed a variety of best management practices (BMPs) at the Early Childhood Center, a new school in Naperville, Illinois, to reduce nonpoint source pollutant loading to the West Branch of the DuPage River (ILGBK02) and improve water quality. BMPs included rain gardens (20,000 square feet), parking lot bioswales (9,023 square feet), permeable paver bus turn-around area (15,000 square feet), green roofs on portions of the school (1,240 square feet), and a dry bottom detention basin vegetated with native grasses (78,500 square feet). The project also included an education component.

Project Location: DuPage County

Subgrantee: Naperville Community Unit School District 203
203 West Hillside Road
Naperville, Illinois 60540

Project Reports and Other Informational Materials:

“Early Childhood Center Water Quality Improvement Project.” February 2011. Wight & Company.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
011	Green Roof	0.03 ac.	?	?	?
013	Rain Garden	6 (no.)	?	3	9
350	Sediment Basin	1 (no.)	?	3	28
845	Infiltration Trench	3 (no.)	?	3	9
890	Porous Pavement	0.35 ac.	?	8	80

09-08(319) CD

Title: Implementation of BMPs Addressing Cedar Lake

Purpose: This project stabilized 2,184 feet of eroding gullies and 10,786 feet of moderately to severely eroding shoreline along Cedar Lake (ILRNE). A water and sediment control basin (WASCB) was also constructed as recommended in the Phase I Diagnostic/Feasibility Report.

Project Location: Jackson County

Subgrantee: City of Carbondale
200 South Illinois Avenue
Carbondale, Illinois 62974-9276

Project Reports and Other Informational Materials:

“Watershed Needs Evaluation, Clear Lake Watershed, Union and Jackson Counties, Illinois.” August 2011. HDR Engineering.

“Project Evaluation and Final Report for the Cedar Lake Implementation Projects, Carbondale, Illinois.” August 2011. HDR Engineering.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
410	Grade Stabilization Structure	61 (no.)	434	434	869
638	Water and Sediment Control Basin	180 ft.	39	24	49
580	Streambank and Shoreline Protection	10,786 ft.	2,446	2,446	4,893

09-11(319) ST

Title: Kickapoo Creek Corridor Restoration Phase 2

Purpose: This project continued the restoration of Kickapoo Creek (ILEIE04) and its riparian corridor within the limits of the “Grove on Kickapoo Creek” residential development. The project involved re-meandering and bank stabilization of 5,065 feet of Kickapoo Creek north of Ireland Grove Road, installation of 6.5 acres of riparian wetlands, and re-vegetation of a 39 acres of riparian corridor for Kickapoo Creek designed to stabilize soils, slow runoff and erosion, and prevent stormwater pollutants from entering the creek. The restoration site is in HUC 071300090502 and upstream of a TMDL segment.

Project Location: McLean County

Subgrantee: City of Bloomington
109 E. Olive Street
Bloomington, Illinois 61701-5219

Project Reports and Other Informational Materials:

“Kickapoo Creek Project - Phase 2 – Final Report.” July 14, 2011. Farnsworth Group Inc.

BMP Implementation Summary:

BMP Code	BMP Name	Amount	Estimated Load Reduction		
			Sediment (Tons/Yr.)	Phosphorus (Pounds/Yr.)	Nitrogen (Pounds/Yr.)
009	Stream Channel Restoration	5,065 ft.	130	130	258
800	Urban Stormwater Wetlands	5 (no.)	?	77	290

09-15(319) JC

ONGOING PROJECTS

FFY07 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Conservation Reserve Enhancement Program (CREP) Assistance

Purpose: The Association of Illinois Soil & Water Conservation District (AISWCD) subcontracted 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 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: Statewide

Waterbody Name (ID): Illinois River (ILD-01)

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

Project Period: 05/19/08 through 12/31/10

Total Project Cost:	\$566,667.00	Cumulative Expenditure:	\$921,019.80
Federal:	\$340,000.00	Federal:	\$340,000.00
State and Local:	\$226,667.00	State and Local:	\$581,019.80

Project Milestone	Completion Date	Completed Yes/No	Comments
List of FY09 Districts	06/01/08	Yes	
Draft FY09 subcontracts	06/15/08	Yes	
List of FY10 Districts	06/01/09	Yes	
Draft FY10 subcontracts	06/15/09	Yes	
List of FY11 Districts	06/01/10	Yes	
Draft FY11 subcontracts	06/15/10	Yes	
Final Project Report	12/31/10	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Illinois River Basin CREP Assistance IEPA 319 Grant Final Report. August 2011. Association of Illinois Soil & Water Conservation Districts.

Title: Mid-Illinois River TMDL Education

Purpose: This project involved the compilation of a comprehensive social resource inventory for the Lower Illinois River-Senachwine Lake Watershed, Hydrologic Unit Code 07130001, that described the ability and willingness of landowners, farmers, local units of governments, and other stakeholders to implement specific best management practices recommended by Illinois EPA and USEPA through the TMDL process. The inventory was designed to help guide the Illinois EPA and USEPA in the development of the Illinois River (Peoria Area) TMDL implementation plan to maximize opportunities for plan implementation. The project also implemented a watershed-based education strategy to engage local stakeholders in the TMDL planning process and result in locally derived guidance for Illinois EPA and USEPA to establish problem statements, goals and objectives for the Illinois River TMDL.

NPS Program: Information/Education

Project Location: Counties of Lee, LaSalle, Bureau, Putnam, Marshall, Peoria, Woodford, & Tazewell

Waterbody Name (ID): Lower Illinois River (ILD30)

Subgrantee: Tri-County Regional Planning Commission
211 Fulton Street, Suite 207
Peoria, Illinois 61602

Project Period: 04/30/10 through 09/01/11

Total Project Cost:	\$51,000.00	Cumulative Expenditure:	\$51,000.00
Federal:	\$38,250.00	Federal:	\$38,250.00
State and Local:	\$12,750.00	State and Local:	\$12,750.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Social Resource Inventory	11/01/10	Yes	
Final Social Resource Inventory	12/31/10	Yes	
Draft Watershed-based Education Strategy	07/01/10	Yes	
Final Watershed-based Education Strategy	09/01/10	Yes	
Complete Strategy Implementation	07/01/11	Yes	
Draft Final Report	07/01/11	Yes	
Final Report	09/01/11	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

Title: Geomorphic and In-channel Habitat Assessment of South Kickapoo Creek

Purpose: This project conducted detailed geomorphic and biological assessments to target and prioritize the in-stream problems in the main stem and three major tributaries of the South Kickapoo Creek at the Marseilles State and Wildlife Area near Marseilles, Illinois. Assessment activities followed the 2009 Illinois River Basin Ecosystem Restoration Geomorphic Watershed Assessment (IRBGWA) Protocols.

NPS Program: Monitoring/Evaluation

Project Location: LaSalle County

Waterbody Name (ID): South Kickapoo Creek (ILDZ3B)

Subgrantee: University of Illinois
2204 Griffith Drive
Champaign, Illinois 61820

Project Period: 09/16/10 through 09/30/11

Total Project Cost:	\$200,000.00	Cumulative Expenditure:	\$200,000.00
Federal:	\$200,000.00	Federal:	\$200,000.00
State and Local:	\$0.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Assessment Plan	09/30/10	Yes	
Final Assessment Plan	10/31/10	Yes	
Project Products	09/30/11	Yes	
Draft Final Report	08/30/11	Yes	
Final Report	09/30/11	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

“South Kickapoo Creek Restoration Project and Addendum - Geomorphic and In-channel Habitat Assessment of South Kickapoo Creek.” November 2011. University of Illinois, Prairie Research Institute, State Water Survey, Center for Watershed Science.

FFY07 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS)

Title: LaMoine Livestock Exclusion

Purpose: This project focused on livestock management and associated habitat restoration activities on the LaMoine River (ILDG-04). Producers were selected for the purpose of excluding livestock from critical stream corridors. Each of the stream segments selected fell within a “priority” implementation list from the LaMoine River Watershed Implementation Plan, April 2006. Best management practices included fencing, livestock exclusion, grassed waterways, water and sediment control basins, water source/watering facilities, comprehensive nutrient management planning, pasture/hay planting, and streambank stabilization and wetland restoration.

NPS Program: Agriculture & Hydrologic Modification

Project Location: McDonough County

Waterbody Name (ID): LaMoine River (ILDG-04)

Subgrantee: Prairie Hills RC &D, Inc.
321 University Drive
Macomb, Illinois 61455

Project Period: 10/02/07 through 09/01/11

Total Project Cost:	\$416,667.00	Cumulative Expenditure:	\$426,945.35
Federal:	\$250,000.00	Federal:	\$250,000.00
State and Local:	\$166,667.00	State and Local:	\$176,945.35

Project Milestone	Completion Date	Completed Yes/No	Comments
Support & Coordination	09/01/11	Yes	
Draft Project Implementation Strategy	11/15/07	Yes	
Final Project Implementation Strategy	12/15/07	Yes	
Technical Coordination	11/01/10	Yes	
Pre-Construction Review Submittal	07/01/11	Yes	
Complete Installation of All BMPs	08/01/11	Yes	
Photographic Documentation of BMP Installation	08/01/11	Yes	
Draft Project Report	08/01/11	Yes	
Final Project Report	09/01/11	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

LaMoine River Livestock Exclusion Project – Final Report.” October 26, 2011. Prairie Hills RC & D, Inc.

FFY08 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Illinois Urban Manual Update & NPS Program Assistance

Purpose: This project will allow for continued technical, educational, and informational assistance to, and through the county soil and water conservation districts. A Watershed Liaison will provide assistance to Illinois EPA regarding water quality issues, program outreach and implementation. This project will also systematically update the nonpoint source pollution control practice standards contained in the Illinois Urban Manual. The Illinois Urban Manual will be updated through the revision of standards that are currently out of date, deletion of those that are obsolete, and inclusion of new standards that have been developed in the growing fields of urban watershed protection and soil erosion and sediment control and water quality research.

NPS Program: Urban Runoff, Agriculture, & Information/Education

Project Location: Statewide

Waterbody Name (ID): Not applicable

Subgrantee: Association of Illinois Soil & Water Conservation Districts
4285 North Walnut Street Road
Springfield, Illinois 62707

Project Period: 06/30/08 through 07/15/12

Total Project Cost:	\$438,501.00	Cumulative Expenditure:	\$467,899.46
Federal:	\$263,101.00	Federal:	\$256,989.33
State and Local:	\$175,400.00	State and Local:	\$210,910.13

Project Milestone	Completion Date	Completed Yes/No	Comments
Complete Assistance	09/01/11	Yes	
Final Framework	08/01/08	Yes	
Name & Qualifications of Selected Coordinator	06/01/08	Yes	
Select Engineering Firm or Consultant	09/01/08	Yes	
Website Plan	08/01/08	Yes	
Post Website	10/01/08	Yes	
Propose 31 New or Updated Practice Standards	09/01/08	Yes	
Complete 5 New or Updated Practice Standards	03/01/09	Yes	
Complete 6 New or Updated Practice Standards	09/01/11	Yes	
Complete 6 New or Updated Practice Standards	11/01/11	Yes	
Complete 6 New or Updated Practice Standards	02/01/12	Yes	
Complete 8 New or Updated Practice Standards	05/01/12	No	
Draft Project Report	06/01/12	No	
Draft Project Report	07/01/12	No	

Comments:

Project Reports and Other Informational Materials:

08-01(319)SR

FFY08 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS)

Title: Fox River Watershed Restoration and Education

Purpose: This project included four watershed restoration and protection projects as well as watershed-wide project coordination and technical assistance. Under the West Dundee Bioinfiltration BMPs project, two bioretention facilities were installed at the end of Oregon Street and Fay Avenue in the Village of West Dundee to receive and treat urban runoff before discharge into the Fox River (ILDT-20). The Norris Woods Creek Stabilization and Water Quality Improvement project stabilized 1,518 feet of eroding streambed in Norris Woods Creek, a tributary to the Fox River (ILDT-58), located in the Norris Woods Nature Preserve in Kane County through the incorporation of small boulders and large cobble into the bed and banks to form a step/pool system that provides secure grade control for the streambed. Consistent with the Poplar Creek watershed-based plan, the South Branch Poplar Creek Action Plan Implementation project stabilized approximately 2,036 feet of eroding streambanks along a 1,080 foot segment of the south branch of Poplar Creek, a tributary of the Poplar Creek (ILDTG02) and the Fox River in Steamwood, Illinois through the use of gabion baskets, coir logs at the toe, slope re-grading, and re-vegetation of banks with native prairie plugs and seed. The Jelkes Creek Reclamation Project restored a 160-acre site on Jelkes Creek (ILDTZQ-01), a tributary of the Fox River and a "Measure W" watershed, located southwest of the Village of Sleepy Hollow in Kane County, Illinois through the use of best management practices, including vegetated bio-swales, native plant filter strips, wetland filtration basins, and naturalized infiltration basins. The project also included various education components.

NPS Program: Urban Stormwater & Hydrologic Modification

Project Location: Counties of Kane & Cook

Waterbody Name (ID): Poplar Creek (ILDTG02), Jelkes Creek (ILDTZQ-01), Fox River (ILDT58, DT20)

Subgrantee: Chicago Metropolitan Agency for Planning
233 South Wacker Drive, Suite 800
Chicago, Illinois 60606

Project Period: 08/21/08 through 12/31/11

Total Project Cost:	\$2,302,677.00	Cumulative Expenditure:	\$2,384,917.95
Federal:	\$1,247,622.00	Federal:	\$1,247,620.92
State and Local:	\$1,055,055.00	State and Local:	\$1,137,297.03

Project Milestone	Completion Date	Completed Yes/No	Comments
SOUTH BRANCH POPLAR CREEK ACTION PLAN IMPLEMENTATION			
Final Design	02/01/09	Yes	
Final Permits & Agreements	05/01/10	Yes	
Design Implementation	11/01/10	Yes	
Photo Documentation of Implementation	12/01/10	Yes	

Project Milestone	Completion Date	Completed Yes/No	Comments
Project Sign Designs	12/01/09	Yes	
Install Signs	07/01/10	Yes	
Final Operation & Maintenance Plan	07/15/10	Yes	
JELKES CREEK RECLAMATION PROJECT			
Draft Design	12/01/08	Yes	
Final Design	02/01/09	Yes	
Draft Permits & Agreements	12/01/08	Yes	
Final Permits & Agreements	02/01/09	Yes	
Design Implementation	07/15/11	Yes	
Photo Documentation of Implementation	07/01/11	Yes	
Project Sign Designs	12/01/09	Yes	
Install Signs	04/01/10	Yes	
Plan for Educational Signs	07/01/10	Yes	
Install Educational Signs	09/15/10	Yes	
Draft Brochure	11/01/10	Yes	
Final Brochure	04/01/11	Yes	
Draft Operation & Maintenance Plan	04/01/09	Yes	
Final Operation & Maintenance Plan	08/15/10	Yes	
WEST DUNDEE BIOINFILTRATION BMPS			
Draft Design	11/01/09	Yes	
Final Design	12/01/09	Yes	
Draft Permits & Agreements	12/01/08	Yes	
Final Permits & Agreements	02/01/09	Yes	
Design Implementation	04/01/10	Yes	
Photo Documentation of Implementation	05/01/10	Yes	
Project Sign Designs	12/01/09	Yes	
Install Signs	04/01/10	Yes	
Plan for Educational Sign	04/01/10	Yes	
Install Educational Sign	06/01/10	Yes	
Draft Brochure	04/01/10	Yes	
Final Brochure	06/01/10	Yes	
Draft Operation & Maintenance Plan	02/01/09	Yes	
Final Operation & Maintenance Plan	07/15/10	Yes	
NORRIS WOODS CREEK STABILIZATION PROJECT			
Draft Design	12/01/08	Yes	
Final Design	12/01/09	Yes	
Draft Permits & Agreements	10/15/10	Yes	
Final Permits & Agreements	07/15/10	Yes	
Design Implementation	11/01/11	Yes	
Photo Documentation of Implementation	12/31/11	Yes	
Project Sign Designs	12/01/09	Yes	
Install Signs	06/22/11	Yes	
Educational Sign Design	11/01/11	Yes	
Install Educational Sign	09/30/11	Yes	
Draft Operation & Maintenance Plan	08/01/10	Yes	
Final Operation & Maintenance Plan	12/01/10	Yes	
Draft Final Report	07/11/11	Yes	
Final Report	12/31/11	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Fox River Watershed Restoration and Education.” December 2011. Chicago Metropolitan Agency for Planning.

Title: Clinton Lake Watershed

Purpose: This project began implementation of best management practices (BMPs) to reduce nonpoint source pollution as recommended in the Clinton Lake watershed-based plan. BMPs implemented under this project included approximately 5,290 feet of lake shoreline stabilization using rip rap breakwater with transitional wetland.

NPS Program: Hydrologic Modification & Agriculture

Project Location: DeWitt County

Waterbody Name (ID): Clinton Lake (ILREI)

Subgrantee: DeWitt County Soil & Water Conservation District
Rural Route 4, Post Office Box 344a
Clinton, Illinois 61727

Project Period: 07/21/08 through 12/31/11

Total Project Cost:	\$655,572.00	Cumulative Expenditure:	\$568,236.92
Federal:	\$393,343.00	Federal:	\$340,942.15
State and Local:	\$262,229.00	State and Local:	\$227,294.77

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Implementation Strategy	03/01/11	Yes	
Final Watershed Implementation Strategy	06/01/11	Yes	
Draft Permits & Landowner Agreements	03/01/11	Yes	
Final Permits & Landowner Agreements	06/01/11	Yes	
Strategy Implementation	07/31/11	Yes	
Photo Documentation of Construction	12/31/11	Yes	
Project Sign Designs	11/30/10	Yes	
Install Signs	07/31/11	Yes	
Draft Operation & Maintenance Plan	03/01/11	Yes	
Final Operation & Maintenance Plan	06/01/11	Yes	
Draft Final Report	11/01/11	Yes	
Final Report	12/31/11	Yes	

Comments: This Project is complete.

Project Reports and Other Informational Materials:

“Clinton Lake Watershed – Final Report.” February 2012. DeWitt County Soil & Water Conservation District.

Title: Clinton County Livestock Nutrient Management Project

Purpose: This project will provide cost share assistance to livestock producers to implement best management practices (BMPs) to reduce nitrogen and phosphorus from entering Shoal Creek and Sugar Creek within Clinton County. The Southwestern Illinois RC&D will retain the services of a Livestock Waste Technician to work with producers within these watersheds to design BMPs that will reduce nutrient loading. Shoal Creek and Sugar Creek are included on Illinois' 303d list. A Total Maximum Daily Load (TMDL) is being prepared for Shoal Creek.

NPS Program: Agriculture

Project Location: Clinton County

Waterbody Name (ID): Shoal Creek (ILOI05), Sugar Creek (ILOH)

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

Project Period: 10/09/08 through 06/01/12

Total Project Cost:	\$708,680.00	Cumulative Expenditure:	\$668,883.74
Federal:	\$425,208.00	Federal:	\$401,682.83
State and Local:	\$283,472.00	State and Local:	\$267,200.91

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Implementation Strategy	12/01/08	Yes	
Final Watershed Implementation Strategy	01/15/09	Yes	
Technical Assistance	11/30/10	No	
Pre-Construction Review Submittal	02/01/12	No	8 projects submitted.
Strategy Implementation	05/01/12	No	4 project completed.
Photo Documentation of Construction	05/01/12	No	
Draft Final Report	05/01/12	No	
Final Report	06/01/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: Bull Cr./Bull's Brook and Indian Cr. Watershed-Based Plan Implementation

Purpose: This project implemented a variety of nonpoint source pollution control projects within the Indian Creek, Bull Creek and Bull Brook watersheds. Best management practices were identified in the corresponding approved watershed based plans. All practices were designed to reduce nonpoint source pollution and improve water quality. The Lake County Stormwater Management Commission provided project coordination and oversight.

NPS Program: Urban Stormwater & Hydrologic Modification

Project Location: Lake County

Waterbody Name (ID): Bull Creek/Bull's Brook (ILGV01), Indian Creek (ILGU02)

Subgrantee: Lake County Stormwater Management Commission
333 Peterson Road
Libertyville, Illinois 60048

Project Period: 10/20/08 through 08/15/11

Total Project Cost:	\$1,547,109.00	Cumulative Expenditure:	\$1,707,471.10
Federal:	\$826,139.00	Federal:	\$826,139.00
State and Local:	\$720,970.00	State and Local:	\$881,332.10

Project Milestone	Completion Date	Completed Yes/No	Comments
Project Coordination	08/15/11	No	
Draft Designs for All BMPs	12/31/09	Yes	
Final Designs for All BMPs	02/28/10	Yes	
Draft Landowner Agreements	12/31/09	Yes	
Final Landowner Agreements	02/28/10	Yes	
Draft Operation & Maintenance Plan	12/31/09	Yes	
Final Operation & Maintenance Plan	02/28/10	Yes	
Complete Installation of All BMPs	03/31/11	Yes	
Photographic Documentation of BMP Installation	04/30/11	Yes	
Plans for Educational Signs	06/30/09	Yes	
Install Educational Signs	12/31/10	Yes	
Watershed Tour & Workshop Schedule, etc.	08/01/10	Yes	
Complete Watershed Tour & Workshop	12/31/10	Yes	
Draft Project Report	03/31/11	Yes	
Final Project Report	05/01/11	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Bull Cr./Bull's Brook and Indian Cr. Watershed-Based Plan Implementation – Final Report.”
November 2011. Lake County Stormwater Management Commission.

Title: North Mill Creek Water Quality Study and Watershed Plan

Purpose: This project will complete a watershed-based plan for the North Mill Creek watershed, a tributary of Mill Creek and the Upper DesPlaines River. Water quality monitoring will also be performed to aid in the decision making process of targeting critical areas for best management practice implementation to reduce nonpoint source pollution. The assessment will also act as the baseline for measuring future changes in water quality. Currently 11 assessed waterbodies in the watershed are impaired for aesthetic use and/or aquatic life use and are listed on the 303(d) Impaired Waters List. The completed watershed-based plan will meet the nine minimum elements.

NPS Program: All Categories

Project Location: Lake County

Waterbody Name (ID): North Mill Creek (ILGWA)

Subgrantee: Lake County Stormwater Management Commission
333 Peterson Road, Suite C
Libertyville, Illinois 60048

Project Period: 07/29/09 through 07/15/11

Total Project Cost:	\$347,940.00	Cumulative Expenditure:	\$273,394.77
Federal:	\$207,375.00	Federal:	\$165,236.62
State and Local:	\$140,565.00	State and Local:	\$110,158.15

Project Milestone	Completion Date	Completed Yes/No	Comments
Implement QAPP	07/15/11	Yes	
Monitoring Data	07/15/11	Yes	
Draft Monitoring Report	06/01/11	Yes	
Final Monitoring Report	07/15/11	Yes	
Draft Outreach Strategy	09/30/09	Yes	
Final Outreach Strategy	12/31/09	Yes	
Implement Outreach Strategy	07/15/11	Yes	
Draft Watershed Based Plan	05/31/11	Yes	
Final Watershed Based Plan	07/15/11	No	
Draft Executive Summary	05/31/11	Yes	
Final Executive Summary	07/15/11	No	

Comments:

Project Reports and Other Informational Materials:

08-14(319)ST

Title: Embarras River Watershed Based Planning

Purpose: This project developed a watershed-based plan for the Embarras River (Hydrologic Unit Code 05120112) that is designed to improve water quality by controlling nonpoint source pollution. The plan is consistent with the USEPA watershed based plan guidance dated August 26, 2003 (as revised), Chicago Metropolitan Agency for Planning's "Guidance for Developing Watershed Action Plans in Illinois" dated June 2007, total maximum daily load (TMDL) implementation plan requirements, and current watershed planning principles. The City of Charleston worked with local stakeholders to develop an integrated watershed plan for the Embarras River watershed that includes watershed data evaluation and resource inventory along with site specific Best Management Practices recommendations designed to improve water quality by reducing suspended sediment, nutrients and other pollutants while enhancing habitat and aesthetics.

NPS Program: All Sources

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

Waterbody Name (ID): Embarras River (ILBE01)

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

Project Period: 03/01/10 through 10/31/11

Total Project Cost:	\$66,530.00	Cumulative Expenditure:	\$62,348.95
Federal:	\$49,898.00	Federal:	\$46,761.72
State and Local:	\$16,632.00	State and Local:	\$15,587.23

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Resources Inventory	07/01/10	Yes	
Draft Watershed-based Plan	07/01/11	Yes	
Final Watershed-based Plan	10/01/11	Yes	
Draft Executive Summary	07/01/11	Yes	
Final Executive Summary	10/01/11	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Embarras River Watershed Management Plan." October 2011. V3 Companies, LTD and Northwater Consulting.

Title: Clear Creek Watershed Plan Update

Purpose: This project developed a watershed-based plan for Clear Creek, a tributary of the Rock River (ILP20), designed to improve water quality by controlling nonpoint source pollution. The plan is consistent with the USEPA watershed based plan guidance dated August 26, 2003 (as revised), Chicago Metropolitan Agency for Planning's "Guidance for Developing Watershed Action Plans in Illinois" dated June 2007, total maximum daily load (TMDL) implementation plan requirements, and current watershed planning principles. The Lost Nation-New Landing River Conservancy District worked with local stakeholders to develop an integrated watershed plan for the Clear Creek watershed that includes watershed data evaluation and resource inventory along with site specific Best Management Practices recommendations designed to improve water quality by reducing suspended sediment, nutrients and other pollutants while enhancing habitat and aesthetics.

NPS Program: All Sources

Project Location: Counties of Ogle and Lee

Waterbody Name (ID): Clear Creek (ILPZU), Lost Nation Lake (ILRPZF)

Subgrantee: The Lost Nation-New Landing River Conservancy District
205 Cuyahoga Drive
Dixon, Illinois 61021

Project Period: 09/30/09 through 10/31/11

Total Project Cost:	\$88,000.00	Cumulative Expenditure:	\$90,728.00
Federal:	\$66,000.00	Federal:	\$66,000.00
State and Local:	\$22,000.00	State and Local:	\$24,728.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Resources Inventory	05/01/10	Yes	
Draft Watershed-based Plan	07/01/11	Yes	
Final Watershed-based Plan	10/01/11	Yes	Submitted to USEPA with this report.
Draft Executive Summary	07/01/11	Yes	
Final Executive Summary	10/01/11	Yes	Submitted to USEPA with this report

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Clear Creek Watershed Action Plan." September 30, 2011. Olson Ecological Solutions, LLC.

Title: Watershed Liaison

Purpose: Conservation Technology Information Center will act as a liaison between stakeholders, agricultural producers, federal and local partners, and the Illinois EPA in developing and implementing a project that will demonstrate the efficacy, value and impact of conservation systems on watersheds and the Illinois' Nonpoint Source Management Program. This project will address sedimentation and nutrient loading to a small watershed within an impaired HUC 8 watershed within Livingston County through the implementation of best management practices, nutrient management planning, and education and outreach activities.

NPS Program: Agriculture & Information/Education

Project Location: Livingston County

Waterbody Name (ID): Indian Creek (ILDSPA)

Subgrantee: Conservation Technology Information Center
3495 Kent Avenue, Suite J100
West Lafayette, Indiana 47906

Project Period: 07/13/10 through 06/30/13

Total Project Cost:	\$499,000.00	Cumulative Expenditure:	\$190,808.71
Federal:	\$299,400.00	Federal:	\$99,227.40
State and Local:	\$199,600.00	State and Local:	\$91,581.31

Project Milestone	Completion Date	Completed Yes/No	Comments
Select HUC 12 Watershed	09/01/10	Yes	
Draft BMP Implementation Strategy	07/15/09	Yes	
Final BMP Implementation Strategy	09/01/09	Yes	
Technical Assistance	06/15/13	No	
Pre-Construction Reviews	07/01/12	No	
Design Implementation	04/01/13	No	
Photo Documentation of Construction	06/15/13	No	
Nutrient Management Plans	04/01/13	No	
Draft Education Work Strategy	01/15/11	Yes	
Final Education Work Strategy	05/30/11	Yes	
Implement Education Work Strategy	05/30/13	No	
Draft Final Report	04/15/13	No	
Final Report	06/15/13	No	

Comments:

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: 06/01/08 through 09/30/13

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	09/30/13	No	
Watershed Interim Reports No. 2	09/30/13	No	
Watershed Interim Reports No. 3	09/30/13	No	
Watershed Final Reports	09/30/13	No	
Participate in a General Public Meeting	09/30/13	No	
Participate in Basin Specific Meetings	09/30/13	No	
Participate in Public Hearings	09/30/13	No	
Install Methodologies or Models at Illinois EPA	09/30/13	No	

Comments:

Project Reports and Other Informational Materials:

FFY09 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: North Fork Vermilion River Project - Phase 4

Purpose: This project will address sedimentation and nutrient loading to the North Fork Vermilion River through the implementation of an upland and a streambank BMP installation program. Approximately 7,000 feet of eroding streambank will be stabilized using a variety of practices (i.e., longitudinal peaked stone toe protection, critical area seeding and bank re-shaping, tree revetments, root wad installation, stream barbs, bendway weirs, and rock riffles). An educational component of the project will include newsletters, media and tours to inform residents of impacts from NPS pollution.

NPS Program: Hydrologic Modification & Agriculture

Project Location: Vermilion County

Waterbody Name (ID): North Fork Vermilion River (ILBPG05)

Subgrantee: Vermilion County SWCD
1905-A US Rte 150
Danville, Illinois 61832

Project Period: 06/24/09 through 11/15/12

Total Project Cost:	\$458,856.00	Cumulative Expenditure:	\$191,462.14
Federal:	\$275,314.00	Federal:	\$110,935.48
State and Local:	\$183,542.00	State and Local:	\$80,526.66

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Implementation Strategy	07/15/09	Yes	
Final Implementation Strategy	09/01/09	Yes	
Pre-Construction Reviews	07/01/12	No	7 projects reviewed.
Design Implementation	10/01/12	No	6 projects completed.
Photo Documentation of Construction	10/15/12	No	
Draft Final Report	10/15/12	No	
Final Report	11/15/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: In-stream Restoration and Monitoring of Kickapoo Creek near Charleston, Illinois

Purpose: This project will restore 2,000 feet of bank and channel stability in combination with the establishment of deep pool habitats and riffles along a segment of Kickapoo Creek near Charleston, Illinois. Post-construction assessment and monitoring activities will be performed to evaluate 1) the effectiveness of the installed streambank and channel stabilization measures, 2) bed load sediment transport and in-stream habitat diversity, 3) hydrologic flow, and 4) fish and macroinvertebrates.

NPS Program: Hydrologic Modification

Project Location: Coles County

Waterbody Name (ID): Kickapoo Creek (ILBEN01)

Subgrantee: Illinois Department of Natural Resources
Office of Realty and Environmental Planning
One Natural Resources Way
Springfield, Illinois 62702

Project Period: 07/25/09 through 07/15/12

Total Project Cost:	\$343,750.00	Cumulative Expenditure:	\$298,915.22
Federal:	\$206,250.00	Federal:	\$179,349.13
State and Local:	\$137,500.00	State and Local:	\$119,566.09

Project Milestone	Completion Date	Completed Yes/No	Comments
Project Coordination	07/15/12	No	
Draft Design Specifications	08/01/09	Yes	
Final Design Specifications	09/01/09	Yes	
Design Implementation	06/01/11	Yes	
Photo Documentation of Construction	06/01/11	Yes	
Draft Quality Assurance Project Plan (QAPP)	09/01/10	Yes	
Final Quality Assurance Project Plan (QAPP)	10/01/10	Yes	
Complete QAPP Implementation	06/01/12	No	
Submit Monitoring Data	07/01/12	No	
Draft Operation & Maintenance Plan	08/01/09	Yes	
Final Operation & Maintenance Plan	09/01/09	Yes	
Draft Final Report	06/01/12	No	
Final Report	07/01/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: Holiday Shores Lake Watershed Sediment and Nutrient Reduction Project

Purpose: This project installed best management practices (BMPs) to reduce nutrient and sediment pollutant loading to Holiday Shores Lake and improve water quality. Approximately 4,000 feet of eroding streambank in the lake's watershed were stabilized. Two sediment basins were constructed on land owned by Holishor Association above the lake on Joulter's Creek. And 8,000 cubic yards of sediment were dredged from an existing sediment pond located at the north end of the lake. Holiday Shores Lake is included on Illinois' 303d list and a TMDL for Holiday Shores Lake has been completed.

NPS Program: Hydrologic Modification

Project Location: Madison County

Waterbody Name (ID): Holiday Shores Lake (ILRJN)

Subgrantee: Holishor Association, Inc.
1 Holiday Point Parkway
Edwardsville, Illinois 62025

Project Period: 09/21/09 through 09/01/11

Total Project Cost:	\$364,100.00	Cumulative Expenditure:	\$363,478.96
Federal:	\$218,460.00	Federal:	\$218,087.37
State and Local:	\$145,640.00	State and Local:	\$145,391.59

Project Milestone	Completion Date	Completed Yes/No	Comments
Dredging Implementation	11/01/10	Yes	
Dredging Report	12/01/10	Yes	
Draft Design Specifications	02/01/10	Yes	
Final Design Specifications	03/01/10	Yes	
Draft Operation & Maintenance Plan	02/01/10	Yes	
Final Operation & Maintenance Plan	03/01/10	Yes	
Design Implementation	08/01/11	Yes	
Photo Documentation of Construction	08/01/11	Yes	
Draft Final Report	08/01/11	Yes	
Final Report	09/01/11	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

Holiday Shores Lake Watershed Sediment and Nutrient Reduction Project. August 30, 2011.
Heneghan and Associates, P.C.

FFY09 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS)

Title: West Branch of the DuPage River Improvement Project

Purpose: This project will reconnect a 4,900 foot section of the West Branch of the DuPage River to its floodplain. The stream channel will be raised approximately 2.75 feet over the entire project area. In addition, a series of step pool structures will be constructed at the downstream end to provide a transition to the existing lower bed elevations off of the project site. Buried rock sills and grade control structures will be installed in the stream and will be extended out into the flood plain for long-term grade stabilization. The West Branch of the DuPage River is an impaired watershed, segment GBK-09, the project site is a one mile section of river within the 20 square mile watershed.

NPS Program: Hydrologic Modification

Project Location: DuPage County

Waterbody Name (ID): West Branch DuPage River (ILGBK09)

Subgrantee: Forest Preserve District of DuPage County
3 S. 580 Naperville Road
Wheaton, Illinois 60187-8761

Project Period: 06/26/09 through 12/31/12

Total Project Cost:	\$1,300,000.00	Cumulative Expenditure:	\$244,411.59
Federal:	\$780,000.00	Federal:	\$146,646.95
State and Local:	\$520,000.00	State and Local:	\$97,764.64

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft BMP Design	09/01/09	Yes	
Final BMP Design	12/01/09	Yes	
Draft Operation & Maintenance Plan	09/01/09	Yes	
Final Operation & Maintenance Plan	12/01/09	Yes	
Design Implementation	07/31/12	No	
Photo Documentation of Implementation	08/15/12	No	
Sign Design	03/15/10	Yes	
Install Signs	07/31/12	No	
Draft Final Report	06/01/12	No	
Final Report	08/15/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: Lake Sara Shoreline Protection Project

Purpose: This project stabilized 2,967 feet of eroding shoreline along the northern boundary of the Post Oaks Flatwoods Heritage Landmark on Lake Sara, a public water supply lake in Effingham County, Illinois. The shoreline and bluff areas were impacted by severe erosion due to excessive slopes, saturated upland soils and chronic wave actions. Stabilization of the shoreline was accomplished using transitional wetland breakwaters. This project also developed a watershed assessment study to guide future monitoring and planning decisions.

NPS Program: Hydrologic Modification

Project Location: Effingham County

Waterbody Name (ID): Lake Sara (ILRCE)

Subgrantee: Effingham Water Authority
P. O. Box 411
Effingham, Illinois 62401

Project Period: 05/28/09 through 07/15/11

Total Project Cost:	\$224,199.00	Cumulative Expenditure:	\$220,197.82
Federal:	\$134,519.00	Federal:	\$129,810.84
State and Local:	\$89,680.00	State and Local:	\$90,386.98

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Shoreline Design	05/31/09	Yes	
Final Shoreline Design	07/31/09	Yes	
Draft Permits & Agreements	05/31/09	Yes	
Final Permits & Agreements	07/31/09	Yes	
Draft Operation & Maintenance Plan	05/31/09	Yes	
Final Operation & Maintenance Plan	07/31/09	Yes	
Design Implementation	12/31/10	Yes	
Photo Documentation of Implementation	07/15/11	Yes	
Final Education Strategy	12/31/09	Yes	
Draft Watershed Assessment Study	05/31/11	Yes	
Final Watershed Assessment Study	07/15/11	Yes	
Sign Design	06/01/09	Yes	
Install Signs	12/31/10	Yes	
Draft Final Report	05/31/11	Yes	
Final Report	07/15/11	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Lake Sara Watershed Assessment Study.” July 15, 2011. Lake Sara Erosion Committee.

“Lake Sara Post Oaks Flatwoods Heritage Site Shoreline Bluff Protection Project.” March 5, 2012. Effingham Water Authority

09-10(319) ST

Title: Nippersink Watershed Assessment / Watershed Manager

Purpose: This project funded a part-time watershed manager in the Nippersink Creek watershed. This part-time manager provided technical assistance, planned and coordinated pertinent watershed information, identified potential watershed stakeholders for the project to implement best management practices (BMPs), and organized and coordinated meetings. This project also involved a university administered watershed survey/social science study to guide and assess watershed implementation efforts in the Nippersink Creek and Wonder Lake watersheds. Through voluntary actions of groups and individuals at the local level improvements to water quality through nonpoint source pollution (NPS) control will occur. The watershed survey/social science study will guide the local watershed planning committee to further water quality improvement in this watershed.

NPS Program: Information/Education & Monitoring/Evaluation

Project Location: McHenry County

Waterbody Name (ID): Nippersink Creek (ILDTK04)

Subgrantee: Nippersink Watershed Association
P.O. Box 168
Wonder Lake, Illinois 60097

Project Period: 06/13/09 through 02/28/12

Total Project Cost:	\$300,562.00	Cumulative Expenditure:	\$293,897.81
Federal:	\$173,051.00	Federal:	\$168,707.03
State and Local:	\$127,511.00	State and Local:	\$125,190.78

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Social Indicator Strategy	07/31/09	Yes	
Final Social Indicator Strategy	09/01/09	Yes	
Implementation of Social Indicator Strategy	02/01/12	Yes	
Draft Website Design	02/15/11	Yes	
Final Website Design	03/15/11	Yes	
Implementation of Website/Outreach	08/01/11	Yes	
Draft Education Work Strategy	07/15/09	Yes	
Final Education Work Strategy	09/01/09	Yes	
Final Monitoring Strategy	08/01/09	Yes	
Implementation of Monitoring Strategy	08/15/11	Yes	
Draft Final Report	01/15/12	Yes	
Final Report	02/28/12	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Final Report for Nippersink Creek Watershed FY2009 Grant Cycle.” February 2012. Nippersink Watershed Association.

09-13(319) SR

Title: BMP Implementation in Fulton and McDonough Counties, Illinois

Purpose: A variety of best management practices (BMPs) will be implemented for 20 landowners in Fulton and McDonough counties on 37 gullies contributing high sediment and nutrient loadings in Otter Creek and Camp Creek watersheds. BMPs may include grade control structures, grass waterways, water diversions, and water and sediment control basins. The LaMoine River Ecosystem Partnership Watershed Plan updated in 2008 meets the nine minimum element requirements of a Watershed-based Plan.

NPS Program: Agriculture

Project Location: Fulton and McDonough Counties

Waterbody Name (ID): Otter Creek (ILD102), Camp Creek (ILDGI01)

Subgrantee: Two Rivers RC & D
Post Office Box 87
Pittsfield, Illinois 62363

Project Period: 06/24/09 through 07/15/12

Total Project Cost:	\$201,332.00	Cumulative Expenditure:	\$57,838.04
Federal:	\$120,799.00	Federal:	\$34,702.82
State and Local:	\$80,533.00	State and Local:	\$23,135.22

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	01/31/12	Yes	
Final Design Specifications	03/31/12	No	
Draft Permits & Agreements	01/31/12	Yes	
Final Permits & Agreements	03/31/12	No	
Draft Operation & Maintenance Plan	01/31/12	Yes	
Final Operation & Maintenance Plan	03/31/12	No	
Design Implementation	04/30/12	No	
Photo Documentation of Implementation	07/15/12	No	
Sign Design	06/01/09	Yes	
Install Signs	04/30/12	No	
Draft Final Report	05/31/12	No	
Final Report	07/15/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: Roosevelt Park Stormwater BMPs and Education

Purpose: This project constructed a 6,900 sq. ft. permeable parking lot and a rain garden to reduce the discharge of nonpoint source pollution into the South Branch of the Waukegan River from Roosevelt Park. An interpretive exhibit describing the BMPs was placed at the parking lot. A 350 foot educational boardwalk with three interpretive exhibits was added to the path around the restored wetland in Roosevelt Park to allow access while avoiding impact on sensitive flora and fauna. The interpretive exhibits will inform the public about nonpoint source pollution, the Waukegan River watershed, and what the public can do to improve water quality. Community workdays were held to involve the public in river cleanups and educate them about the watershed. Maintenance and enhancement measures were also implemented on the restored wetland and woodland areas in Roosevelt Park.

NPS Program: Urban Stormwater & Information/Education

Project Location: Lake County

Waterbody Name (ID): South Br. Waukegan River (ILQCA01)

Subgrantee: Waukegan Park District
2211 Ernie Krueger Circle
Waukegan, Illinois 60087

Project Period: 12/22/09 through 12/31/11

Total Project Cost:	\$345,625.00	Cumulative Expenditure:	\$353,478.57
Federal:	\$207,375.00	Federal:	\$207,375.00
State and Local:	\$138,250.00	State and Local:	\$146,103.57

Project Milestone	Completion Date	Completed Yes/No	Comments
Final Design Specifications	05/31/10	Yes	
Final Permits and Landowner Agreements	05/31/10	Yes	
Design Implementation	05/31/11	Yes	
Photographic Documentation of Construction	09/30/11	Yes	
Final Plan for Interpretive Exhibits	05/31/10	Yes	
Install Interpretive Exhibits	05/31/11	Yes	
Final Management Manual	12/31/10	Yes	
Final Operation & Maintenance Plan	05/31/10	Yes	
Final Project Report	09/30/11	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Roosevelt Park Stormwater BMPs and Education Project.” December 2011. Waukegan Park District.

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: 05/01/09 through 09/30/13

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	09/30/13	No	
Watershed Interim Reports No. 2	09/30/13	No	
Watershed Interim Reports No. 3	09/30/13	No	
Watershed Final Reports	09/30/13	No	
Participate in a General Public Meeting	09/30/13	No	
Participate in Basin Specific Meetings	09/30/13	No	
Participate in Public Hearings	09/30/13	No	
Install Methodologies or Models at Illinois EPA	09/30/13	No	

Comments:

Project Reports and Other Informational Materials:

FFY10 FEDERALLY FUNDED SECTION 319 PROJECTS

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: 11/30/10 through 01/31/13

Total Project Cost:	\$75,000.00	Cumulative Expenditure:	\$42,500.00
Federal:	\$75,000.00	Federal:	\$42,500.00
State and Local:	\$0.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Application Submittal, Year 1	11/30/10	Yes	
Application Submittal, Year 2	11/30/11	Yes	
Project Selection, Year 1	03/31/11	Yes	
Project Selection, Year 2	03/31/12	Yes	
Draft Final Report	12/31/12	No	
Final Report	01/31/13	No	

Comments:

Project Reports and Other Informational Materials:

Title: Resource Management Mapping Service

Purpose: This project will continue development and maintenance of the best management practice (BMP) database developed by the University of Illinois and Illinois EPA to geographically track BMPs implemented by the Illinois EPA with funding under Section 319 of the Clean Water Act, as well as the new Lakes Program and Watershed-based Plan data layers. In cooperation with the Illinois EPA, the University of Illinois will identify and implement proposed enhancements to the interface, database, and design. To maintain the Illinois EPA databases and enable new analytic geo-processing functions of the data, funding will also be used to update and expand Resource Management Mapping Service (RMMS). This website, maintained at the University of Illinois, is useful in aiding public stakeholders in watershed management. This project updates and expands the databases and resources provided through RMMS. The project will include the enhancement of the capability of the Illinois EPA databases, and upgrade of RMMS to new standards and security provisions, research and development of new tools and databases, and update of critical data layers, and improvements based on consultation with Illinois EPA and instructional and research users.

NPS Program: All Categories

Project Location: Statewide

Waterbody Name (ID): Not Applicable

Subgrantee: University of Illinois
1901 South First Street, Suite A
Champaign, Illinois 61820

Project Period: 08/14/10 through 09/15/12

Total Project Cost:	\$365,785.00	Cumulative Expenditure:	\$153,102.99
Federal:	\$263,358.00	Federal:	\$75,603.04
State and Local:	\$102,427.00	State and Local:	\$77,499.95

Project Milestone	Completion Date	Completed Yes/No	Comments
Implement All Maintenance and Enhancements	07/15/12	No	
Draft Final Report	06/01/12	No	
Final Report	07/15/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: Babbling Brook and Lost Lake Stabilization Project

Purpose: This project will stabilize 1,575 feet of eroding streambank along a segment of Babbling Brook, which discharges into Lost Nation Lake and is part of the Clear Creek Watershed. Streambank stabilization techniques will include bendway weir, A-jacks, stone toe protection, coir fiber logs with vegetated slope, rock riffle, tree canopy thinning, re-grading to a 3:1 slope, and native vegetation. The project will also stabilize 1,981 feet of eroding shoreline with rip rap. An Educational video and photographic educational tool illustrating the installation of the stabilization techniques will be developed and a public education event held.

NPS Program: Hydrologic Modification

Project Location: Counties of Ogle and Lee

Waterbody Name (ID): Lost Nation Lake (ILRPZF) and Clear Creek (ILPZU)

Subgrantee: Lost Nation / New Landing River Conservancy District (RCD) of Illinois
205 Cuyahoga Drive
Dixon, Illinois 61021

Project Period: 05/03/10 through 07/15/12

Total Project Cost:	\$528,500.00	Cumulative Expenditure:	\$431,280.24
Federal:	\$317,100.00	Federal:	\$258,589.59
State and Local:	\$211,400.00	State and Local:	\$172,690.65

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	06/01/11	Yes	
Final Design Specifications	07/01/11	Yes	
Draft Permits and Landowner Agreements	06/01/11	Yes	
Final Permits and Landowner Agreements	07/01/11	Yes	
Design Implementation	06/01/12	No	
Photographic Documentation of Construction	07/15/12	No	
Draft Operation & Maintenance Plan	07/01/11	Yes	
Final Operation & Maintenance Plan	07/15/12	Yes	
Sign Design	07/01/11	Yes	
Install Signs	06/01/12	No	
Script for Educational Video & Photographic Tool	02/01/12	Yes	
Draft Educational Video & Photographic Tool	04/01/12	No	
Final Educational Video & Photographic Tool	06/01/12	No	
Schedule & Agenda for Public Education Event	06/01/12	No	
Hold Public Education Event	06/01/12	No	
Draft Project Report	06/01/12	No	
Final Project Report	07/15/12	No	

Comments:

Project Reports and Other Informational Materials:

10-03 (319)SR

Title: Jelkes Creek Watershed Plan and Nonpoint Source Education

Purpose: This project will develop a watershed-based plan for Jelkes Creek, a tributary of the Fox River (ILDT18 and ILDT20), designed to improve water quality by controlling nonpoint source pollution. The plan will be consistent with the USEPA watershed based plan guidance dated August 26, 2003 (as revised), Chicago Metropolitan Agency for Planning's "Guidance for Developing Watershed Action Plans in Illinois" dated June 2007, total maximum daily load (TMDL) implementation plan requirements, and current watershed planning principles. This project will also educate the public about water quality and the impacts of nonpoint source pollution. The watershed plan will be used for decision making and prioritizing projects within the watershed. The watershed plan will help to connect the watershed plans already created for surrounding area which also contribute to the quality of the Fox River.

NPS Program: All Sources

Project Location: Counties of McHenry, Kane, and Cook

Waterbody Name (ID): Jelkes Creek (ILDTZQ01) and Fox River (ILDT18 and ILDT20)

Subgrantee: Kane-DuPage Soil and Water Conservation District
2315 Dean Street, Suite 100
St. Charles, Illinois 60542

Project Period: 06/03/10 through 07/15/12

Total Project Cost:	\$158,152.00	Cumulative Expenditure:	\$45,656.75
Federal:	\$94,590.00	Federal:	\$22,690.73
State and Local:	\$63,562.00	State and Local:	\$22,966.02

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed-based Plan	05/31/12	No	
Final Watershed-based Plan	07/15/12	No	
Draft Executive Summary	05/31/12	No	
Final Executive Summary	07/15/12	No	
Draft Education Strategy	07/31/10	Yes	
Final Education Strategy	08/30/10	Yes	
Implement Education Strategy	05/31/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: Conservation Reserve Enhancement Program (CREP) Staffing

Purpose: The objective of this project is to provide well trained, effective staff “CREP Assistants” to promote and to work with landowners enrolling or currently enrolled in CREP to 1) extend to a 35 year or permanent State conservation easement and/or, 2) enhance the retired land with water quality BMPs. The staff will geographically cover the present CREP designated area (Illinois River Basin) and other areas that are being negotiated to become designated CREP areas (Kaskaskia River Basin and the state of Illinois are being proposed). The distribution of staff will be strategically placed to insure the highest level of effectiveness giving priority to acres in close proximity to the lakes and stream segments identified on the 303 (d) and impaired waters that have a TMDL.

NPS Program: Agriculture

Project Location: Statewide

Waterbody Name (ID): Illinois River and Kaskaskia River

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

Project Period: 05/24/10 through 07/15/12

Total Project Cost:	\$392,335.00	Cumulative Expenditure:	\$382,748.62
Federal:	\$235,401.00	Federal:	\$225,441.59
State and Local:	\$156,934.00	State and Local:	\$157,307.03

Project Milestone	Completion Date	Completed Yes/No	Comments
List of FY11 Districts	08/01/10	Yes	
Draft FY11 subcontracts	08/15/10	Yes	
List of FY12 Districts	06/01/11	Yes	
Draft FY12subcontracts	06/15/11	Yes	
Draft Project Report	05/31/12	No	
Final Project Report	06/30/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: Watershed Based Planning

Purpose: This project will develop two (2) watershed-based plans, one for Madigan Creek (a portion of HUC 070900060802), a tributary of the Kishwaukee River (ILPQ02), and one for Welworth-Wentworth Creek (a portion of HUC 070900050401), a tributary of the Rock River (ILP23). Both plans will be designed to improve water quality by controlling nonpoint source pollution. The plans will be consistent with the USEPA watershed based plan guidance dated August 26, 2003 (as revised), Chicago Metropolitan Agency for Planning's "Guidance for Developing Watershed Action Plans in Illinois" dated June 2007, total maximum daily load (TMDL) implementation plan requirements, and current watershed planning principles. This project will also educate the public about water quality and nonpoint source pollution.

NPS Program: All Sources

Project Location: Winnebago County

Waterbody Name (ID): Madigan Creek & Welworth-Wentworth Creek

Subgrantee: County of Winnebago Highway Department
424 North Springfield Avenue
Rockford, Illinois 61101-5097

Project Period: 04/22/11 through 03/31/13

Total Project Cost:	\$181,996.00	Cumulative Expenditure:	\$21,050.29
Federal:	\$100,098.00	Federal:	\$11,564.81
State and Local:	\$81,898.00	State and Local:	\$9,485.48

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Resources Inventories	11/01/11	No	
Draft Watershed-based Plan	11/01/12	No	
Final Watershed-based Plan	03/31/13	No	
Draft Executive Summary	11/01/12	No	
Final Executive Summary	03/31/13	No	
Hold Three Workshops in Each Watershed	03/31/13	No	

Comments:

Project Reports and Other Informational Materials:

FFY10 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS)

Title: Spring Lake TMDL Plan Implementation

Purpose: The project will install agricultural best management practices in the Spring Lake Watershed according to the Spring Lake Watershed-based Management Plan, the LaMoine River Ecosystem Partnership Plan and the East Fork LaMoine River TMDL. BMPs implemented under this project will include approximately 1,600 feet of terraces, 40 water and sediment control basins, 10 acres of grassed waterways, and 500 feet of streambank stabilization. Additionally, a phosphorous study will be implemented.

NPS Program: Hydrologic Modification & Agriculture

Project Location: McDonough County

Waterbody Name (ID): Spring Lake (ILRDR)

Subgrantee: McDonough County Soil & Water Conservation District
1607 West Jackson Street
Macomb, Illinois 61455

Project Period: 08/31/10 through 07/31/12

Total Project Cost:	\$238,260.00	Cumulative Expenditure:	\$0.00
Federal:	\$128,260.00	Federal:	\$0.00
State and Local:	\$110,000.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Project Implementation Strategy	08/31/10	Yes	
Final Project Implementation Strategy	10/01/10	Yes	
Pre-Construction Review Items	05/01/12	No	
BMP Implementation	06/01/12	No	
Photo Documentation of Construction	07/01/12	No	
Draft Phosphorus Study	05/01/12	No	
Final Phosphorus Study	07/01/12	No	
Draft Final Report	06/01/12	No	
Final Report	07/01/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: Lake Sara Shoreline Protection Project

Purpose: This project will stabilize 2,700 feet of shoreline and bluffs in the Gypsy and Shumway Coves on Lake Sara in Effingham, Illinois. Stabilization of the shoreline will be accomplished using transitional wetland breakwaters. The project will also include outreach programs to inform the public of the benefits of shoreline stabilization and increase community awareness of water quality.

NPS Program: Hydrologic Modification

Project Location: Effingham County

Waterbody Name (ID): Lake Sara (ILRCE)

Subgrantee: Effingham Water Authority
P. O. Box 411
Effingham, Illinois 62401

Project Period: 06/11/10 through 07/15/12

Total Project Cost:	\$250,000.00	Cumulative Expenditure:	\$339,638.87
Federal:	\$150,000.00	Federal:	\$142,500.00
State and Local:	\$100,000.00	State and Local:	\$197,138.87

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Shoreline Design	05/31/10	Yes	
Final Shoreline Design	06/30/10	Yes	
Draft Permits & Agreements	05/31/10	Yes	
Final Permits & Agreements	06/30/10	Yes	
Draft Operation & Maintenance Plan	05/31/10	Yes	
Final Operation & Maintenance Plan	06/30/10	Yes	
Design Implementation	12/31/11	Yes	
Photo Documentation of Implementation	07/15/12	Yes	
Draft Education Strategy	09/30/10	Yes	
Final Education Strategy	12/31/10	No	
Implement Strategy	05/31/12	No	
Sign Design	06/30/10	Yes	
Install Signs	12/31/11	Yes	
Draft Final Report	05/31/12	No	
Final Report	07/15/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: DuPage River Salt Creek TMDL Implementation Program

Purpose: The project will include 1) the removal of a low head dam and implementation of 23.3 acres of wetland restoration and two riffles in the East Branch DuPage River (ILGBL08) where the impoundment was originally located, 2) two chloride reduction workshops, 3) the development of a project prioritization matrix for use by local and county government staff, 4) development of a monitoring data management system, and 5) part of the watershed coordinators salary. Section 319 funds will not be used for the dam removal. The DuPage River and Salt Creek are included on Illinois 303(d) list. The TMDL and implementation plan for the DuPage River and Salt Creek are complete.

NPS Program: Urban Stormwater & Hydrologic Modification

Project Location: DuPage and Cook Counties

Waterbody Name (ID): Salt Creek (), East Br. DuPage R. (), & West Br. DuPage R. ()

Subgrantee: DuPage River/Salt Creek Workgroup
10S 404 Knoch Knolls Road
Naperville, Illinois 60565

Project Period: 09/10/10 through 09/30/12

Total Project Cost:	\$379,690.00	Cumulative Expenditure:	\$143,873.78
Federal:	\$227,814.00	Federal:	\$86,324.27
State and Local:	\$151,876.00	State and Local:	\$57,594.51

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Operation & Maintenance Plan	11/30/10	Yes	
Final Operation & Maintenance Plan	03/31/11	Yes	
Design Implementation	08/30/11	Yes	
Photo Documentation of Implementation	09/30/11	Yes	
Sign Design	03/30/11	Yes	
Install Signs	08/30/11	Yes	
Final Workshop Agendas	10/31/11	Yes	
Hold Workshops	11/30/11	Yes	
Draft Project Prioritization Matrix Framework	01/31/11	Yes	
Final Project Prioritization Matrix Framework	04/30/11	Yes	
Lists of Prioritized Projects	06/30/11	Yes	
Draft Database Outline	07/30/11	No	Progress is being made.
Complete Database	04/30/12	No	
Release Database to Public	04/30/12	No	
Draft Final Report	04/30/12	No	
Final Report	06/15/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: Otter Lake Shoreline Erosion Control & TMDL Implementation

Purpose: This project will stabilize 5,335 feet of eroding shoreline on Otter Lake using rip rap and by planting 300 bald cypress trees at the edge of the water. Best management practices (BMPs) will also be implemented in the Otter Lake watershed, including seven sediment retention basins, twenty-five water and sediment control basins (WASCBs), four terrace systems and nine grassed waterways. Otter Lake is on Illinois' Section 303(d) list and shoreline stabilization was recommended in the Hodges Creek Watershed TMDL Report (November 2006) for Otter Lake.

NPS Program: Hydrologic Modification & 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: 06/16/10 through 09/14/12

Total Project Cost:	\$545,006.00	Cumulative Expenditure:	\$263,799.45
Federal:	\$327,004.00	Federal:	\$158,279.67
State and Local:	\$218,002.00	State and Local:	\$105,519.78

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Shoreline Erosion Rating Map	06/01/11	Yes	
Final Shoreline Erosion Rating Map	07/01/11	Yes	
Draft Shoreline Design	06/01/11	Yes	
Final Shoreline Design	07/01/11	Yes	
Draft Shoreline Permits & Agreements	06/01/11	Yes	
Final Shoreline Permits & Agreements	07/01/11	Yes	
Draft Shoreline Operation & Maintenance Plan	07/01/11	Yes	
Final Shoreline Operation & Maintenance Plan	07/16/12	Yes	
Shoreline Design Implementation	06/01/12	No	
Draft Upland BMP Design	06/01/11	Yes	
Final Upland BMP Design	07/01/11	No	
Draft Upland BMP Permits & Agreements	06/01/11	Yes	
Final Upland BMP Permits & Agreements	07/01/11	No	
Draft Upland BMP Operation & Maintenance Plan	07/01/11	Yes	
Final Upland BMP Operation & Maintenance Plan	07/16/12	No	
Upland BMP Design Implementation	06/01/12	No	
Photo Documentation of Implementation	07/16/12	No	
Draft Final Report	06/01/12	No	
Final Report	07/16/12	No	

Comments:

Project Reports and Other Informational Materials:

10-09(319) TK

Title: Rock River: Nonpoint Source Solutions

Purpose: This project will reduce nonpoint source pollution through 1) the installation of bioretention practices (i.e., rain gardens, bioswales) along roads, parking lots, and other impervious surfaces at Black Hawk College in Moline, Illinois; 2) the restoration of 850 linear feet of stream on an un-named tributary to the Rock River in the Green Valley Nature Preserve in Moline, Illinois; and 3) the installation of bio-retention practices along roads, parking lots, and other impervious surfaces and the restoration of 900 linear feet of stream on an un-named tributary to the Rock River at a new commercial development in Rock Island, Illinois. A public education program will also be implemented to explain nonpoint source pollution and promote simple solutions for reducing nonpoint source pollution.

NPS Program: Urban Stormwater & Hydrologic Modification

Project Location: Rock Island County

Waterbody Name (ID): Rock River (ILP25)

Subgrantee: River Action, Inc.
Post Office Box 964
Davenport, Iowa 52805

Project Period: 06/14/10 through 07/15/12

Total Project Cost:	\$247,500.00	Cumulative Expenditure:	\$169,877.14
Federal:	\$148,500.00	Federal:	\$104,593.54
State and Local:	\$99,000.00	State and Local:	\$66,283.60

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design	09/30/10	Yes	
Final Design	11/30/10	No	2 of 3
Draft Permits & Agreements	09/30/10	Yes	
Final Permits & Agreements	11/30/10	No	
Draft Operation & Maintenance Plan	09/30/10	Yes	
Final Operation & Maintenance Plan	11/30/10	No	
Design Implementation	05/31/12	No	
Photo Documentation of Implementation	07/15/10	No	
Draft Educational Strategy	07/31/10	Yes	
Final Educational Strategy	08/31/10	Yes	
Complete Strategy Implementation	05/31/12	No	
Draft Interpretive Signs Designs	10/31/10	No	
Final Interpretive Signs Designs	01/31/11	No	
Interpretive Signs Installation	05/31/11	No	
Draft Final Report	06/01/12	No	
Final Report	07/15/12	No	

Comments:

Project Reports and Other Informational Materials:

10-11(319) ST

Title: BMP Implementation Addressing Kinkaid Lake Sedimentation & TMDL

Purpose: This project will install eight water and sediment control basins, stabilize 2,000 feet of eroding gullies, and stabilize 1,083 feet of eroding shoreline in the Kinkaid Lake watershed. Shoreline stabilization will be accomplished by barge applied rip rap. All practices will be designed to reduce nonpoint source pollution and improve water quality. Kinkaid Lake is included on Illinois' 303d list. A TMDL and Phase 1 Diagnostic / Feasibility Study have been completed for Kinkaid Lake.

NPS Program: Hydrologic Modification & Agriculture

Project Location: Jackson County

Waterbody Name (ID): Kinkaid Lake (ILRNC)

Subgrantee: Kinkaid-Reed's Creek Conservancy District
1763 Water Plant Road
Murphysboro, Illinois 62966

Project Period: 07/29/10 through 07/15/12

Total Project Cost:	\$426,420.00	Cumulative Expenditure:	\$128,407.74
Federal:	\$255,852.00	Federal:	\$77,044.64
State and Local:	\$170,568.00	State and Local:	\$51,363.10

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft BMP Design	01/31/11	Yes	
Final BMP Design	03/31/11	Yes	
Draft Operation & Maintenance Plan	01/31/11	Yes	
Final Operation & Maintenance Plan	03/31/11	Yes	
Design Implementation	05/31/12	No	
Photo Documentation of Implementation	06/30/12	No	
Install Signs	03/31/11	No	
Draft Final Report	06/15/12	No	
Final Report	07/15/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: Naper Settlement Stormwater Attenuation Action Plan

Purpose: This project implemented BMPs to reduce nonpoint source pollution to West Branch DuPage River from the Naper Settlement in DuPage County, Illinois. The project included the construction of 42,900 square feet permeable pavement, 3,100 square feet of bioswales, 8,965 square feet of rain gardens, two cisterns to capture and store rain water from roofs for re-use on site, and 1,095 square feet of infiltration zones. The project installed BMPs as identified in the DuPage River Watershed Plan and addressed pollutants identified in the DuPage River/Salt Creek Watershed TMDL Stage 1 Report.

NPS Program: Urban Stormwater

Project Location: DuPage County

Waterbody Name (ID): West Branch DuPage River (ILGBK02)

Subgrantee: Naperville Heritage Society
523 South Webster Street
Naperville, Illinois 60540

Project Period: 07/14/10 through 08/30/12

Total Project Cost:	\$1,093,625.00	Cumulative Expenditure:	\$1,184,483.26
Federal:	\$656,175.00	Federal:	\$656,175.00
State and Local:	\$437,450.00	State and Local:	\$528,668.26

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	09/01/10	Yes	
Final Design Specifications	09/21/10	Yes	
Draft Permits	09/01/10	Yes	
Final Permits	10/31/10	Yes	
Design Implementation	11/30/11	Yes	
Photo Documentation of Construction	12/31/11	Yes	
Draft Operation & Maintenance Plan	09/01/10	Yes	
Final Operation & Maintenance Plan	09/21/10	Yes	
Sign Design	03/31/11	Yes	
Install Signs	06/01/11	Yes	
Draft Information and Outreach Strategy	09/01/10	Yes	
Final Information and Outreach Strategy	09/21/10	Yes	
Implement Information and Outreach Strategy	05/30/12	Yes	
Draft Final Report	01/31/12	Yes	
Final Report	06/30/12	Yes	Submitted to USEPA with this report.

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Naper Settlement Stormwater Attenuation Action Plan.” January 2012. WRD Environmental, Inc.

Title: American Bottom Wetland Interpretive Site and Educational Campaign

Purpose: This project will restore approximately 84 acres of wetlands within the American Bottom floodplain to improve water quality and enhance aquatic habitat. Other best management practices (BMPs) will be installed in and around the restored wetlands to reduce nonpoint source pollution, including 620 linear feet of elevated boardwalk over the wetland, a 1,845 linear foot gravel trail on the west side of the wetland, and a 12,000 square foot permeable pavement parking lot. To educate the public about wetlands, ten interpretive signs will be placed at the site, a guidance document will be developed, and educational events held.

NPS Program: Hydrologic Modification & Agriculture

Project Location: Madison County

Waterbody Name (ID): Cahokia Canal (ILJN02), Horseshoe Lake (ILRJC)

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

Project Period: 06/07/10 through 01/31/13

Total Project Cost:	\$645,365.00	Cumulative Expenditure:	\$0.00
Federal:	\$387,219.00	Federal:	\$0.00
State and Local:	\$258,146.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Wetland Restoration Design	01/31/12	Yes	
Final Wetland Restoration Design	03/31/12	Yes	
Complete Wetland Restoration	09/30/12	No	
Photographic Documentation of Restoration	10/31/12	No	
Draft BMP Design	01/31/12	Yes	
Final BMP Design	03/31/12	Yes	
Complete BMP Construction	09/30/12	No	
Photographic Documentation of Construction	10/31/12	No	
Draft Sign Design	12/31/11	Yes	
Final Sign Design	03/31/12	Yes	
Construct and Install Signs	05/31/12	No	
Draft Guidance Document	01/31/12	Yes	
Final Guidance Document	03/31/12	No	
Print 1000 copies of Guidance Document	04/30/12	No	
Send 50 copies of Guidance Document to IEPA	05/31/12	No	
Hold All Events	10/31/12	No	
Draft Operation & Maintenance Plan	05/31/11	Yes	
Final Operation & Maintenance Plan	12/31/12	Yes	
Draft Final Report	10/31/12	No	
Final Report	12/31/12	No	

Comments:

Project Reports and Other Informational Materials:

10-15(319) MF

Title: Nippersink Creek Watershed Plan Implementation

Purpose: The project will implement best management practices that are identified in the Nippersink Creek Watershed Plan (2008) to improve water quality in Nippersink Creek and Wonder Lake. Best management practices to be installed include approximately 1,400 feet of shoreline stabilization on Wonder Lake, twenty-five (25) riffles to stabilize approximately 2,500 feet of eroding streambank, one low earthen berm water control structure to function as a wetland and reduce gully erosion, and approximately seven acres of broad shallow swales.

NPS Program: Hydrologic Modification

Project Location: McHenry County

Waterbody Name (ID): Nippersink Creek (ILDTK-04) and Wonder Lake (ILRTZC)

Subgrantee: Nippersink Watershed Association (NWA)
P.O. Box 168
Wonder Lake, Illinois 60097

Project Period: 06/01/10 through 07/15/12

Total Project Cost:	\$164,060.00	Cumulative Expenditure:	\$0.00
Federal:	\$98,436.00	Federal:	\$0.00
State and Local:	\$65,624.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Shoreline Draft Design Specifications	10/31/10	Yes	
Shoreline Final Design Specifications	01/31/11	Yes	
Shoreline Draft Permits & Agreements	10/31/10	Yes	
Shoreline Final Permits & Agreements	01/31/11	Yes	
Shoreline Design Implementation	05/15/12	No	
Shoreline Photo Documentation of Construction	06/15/12	No	
Headwaters Draft Design Specifications	10/31/10	Yes	
Headwaters Final Design Specifications	03/31/12	No	Progress is being made.
Headwaters Draft Permits & Agreements	10/31/10	Yes	
Headwaters Final Permits & Agreements	03/31/12	No	Progress is being made.
Headwaters Design Implementation	05/15/12	No	
Headwaters Photo Documentation of Construction	06/15/12	No	
Sign Design	10/31/10	Yes	
Install Signs	05/15/12	No	
Draft Operation & Maintenance Plan	10/31/10	Yes	
Final Operation & Maintenance Plan	03/31/12	No	Progress is being made.
Draft Final Report	03/31/12	No	
Final Report	06/15/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: Clean Water: Helping Agriculture Protect the Headwaters

Purpose: The Champaign County Soil & Water Conservation District will work cooperatively with local agribusinesses and producers to minimize soil and nutrients from moving into local streams and drainage ditches through the adoption of strip till and deep placement of fertilizer in crop production. A program will be implemented to make specialized farm equipment available to producers in Champaign County and to provide cost share payments to producers in Champaign County to implement strip-till, strip-till with deep nutrient placement, and soil testing. The program will be designed to result in a minimum of 10,000 acres of farm land being planted with strip-till or strip-till with deep nutrient placement. The project will cover Champaign County with special emphasis on the Salt Fork Vermilion River, Embarrass River, and the Little Vermilion River segments in the county.

NPS Program: Agriculture

Project Location: Champaign County

Waterbody Name (ID): Vermilion River, Embarrass River, and the Little Vermilion River

Subgrantee: Champaign County Soil & Water Conservation District
2110 West Park Court
Champaign, Illinois 61821

Project Period: 06/17/10 through 07/15/12

Total Project Cost:	\$564,400.00	Cumulative Expenditure:	\$344,308.75
Federal:	\$334,640.00	Federal:	\$204,154.74
State and Local:	\$229,760.00	State and Local:	\$140,154.01

Project Milestone	Completion Date	Completed Yes/No	Comments
Equipment Lease Documentation	10/01/10	Yes	
Draft Program	10/01/10	Yes	
Final Program	11/01/10	Yes	
Program Implementation	05/31/12	No	
Draft Final Report	05/31/12	No	
Final Report	06/30/12	No	

Comments:

Project Reports and Other Informational Materials:

Title: Kickapoo Creek National Monitoring Project

Purpose: This project will conduct annual vegetation sampling of restored areas of Kickapoo Creek to help determine the effectiveness of the Kickapoo Creek Corridor Restoration Project. In the completion of the annual vegetation sampling, the City of Bloomington shall: 1) establish permanent transects for all future vegetation sampling; 2) perform qualitative vegetation sampling to characterize the overall floristic integrity of the site; 3) perform quantitative vegetation sampling to provide reproducible and consistent data collection for estimates of species' presence, frequency, relative density, and cover; and 4) produce an annual vegetation report that will meet the requirements of the United States Geological Survey for inclusion in their national Monitoring Annual Report.

NPS Program: Monitoring/Evaluation

Project Location: McLean County

Waterbody Name (ID): Kickapoo Creek (ILEIE03)

Subgrantee: City of Bloomington
109 E Olive Street
Bloomington, Illinois 61701-5219

Project Period: 09/01/10 through 12/31/13

Total Project Cost:	\$58,000.00	Cumulative Expenditure:	\$12,623.72
Federal:	\$58,000.00	Federal:	\$12,635.72
State and Local:	\$0.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Support & Coordination	12/31/13	No	
First Annual Report	10/31/11	Yes	
Second Annual Report	10/31/12	No	
Third Annual Report	10/31/13	No	

Comments:

Project Reports and Other Informational Materials:

Title: Kickapoo Creek National Monitoring Project

Purpose: This project will conduct surface water monitoring of Kickapoo Creek to determine the effectiveness of the "Kickapoo Creek Corridor Restoration Project". Monitoring shall document the biological enhancement resulting from the restoration project by determining: 1) effectiveness of the stream restoration in terms of stream fisheries in the restored stream segments, 2) sediment transport through the restored stream segments, 3) construction erosion controls, 4) reduction of stream bank erosion by re-vegetation, and 5) effectiveness of floodplain wetland restoration in capturing residential runoff after the housing development has been constructed. Data collection and analysis will also include fecal coliform bacteria samples. All monitoring and associated data collected will be entered into U. S. EPA's Nonpoint Source Management System (NPSMS) and U. S. EPA's STORET system.

NPS Program: Monitoring/Evaluation

Project Location: McLean County

Waterbody Name (ID): Kickapoo Creek (ILEIE03)

Subgrantee: US Geological Survey
1201 West University Avenue, Suite 100
Urbana, Illinois 61801-2347

Project Period: 09/01/10 through 09/30/14

Total Project Cost:	\$672,000.00	Cumulative Expenditure:	\$304,750.00
Federal:	\$672,000.00	Federal:	\$304,750.00
State and Local:	\$0.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
First Year of Data	09/30/11	Yes	
Second Year of Data	09/30/12	No	
Third Year of Data	09/30/13	No	
First Annual Report	12/31/11	No	
Second Annual Report	12/31/12	No	
Third Annual Report	12/31/13	No	

Comments:

Project Reports and Other Informational Materials:

Title: Spring Creek Watershed Plan

Purpose: This project will develop a watershed-based plan for Spring Creek (HUC 071200061202), a tributary of the Fox River, designed to improve water quality by controlling nonpoint source pollution. The plan will be consistent with the USEPA watershed based plan guidance dated August 26, 2003 (as revised), Chicago Metropolitan Agency for Planning's "Guidance for Developing Watershed Action Plans in Illinois" dated June 2007, total maximum daily load (TMDL) implementation plan requirements, and current watershed planning principles. This project will also educate the public about water quality and the impacts of nonpoint source pollution.

NPS Program: All Sources

Project Location: McHenry County

Waterbody Name (ID): Spring Creek (ILDTH01)

Subgrantee: Citizens for Conservation Spring Creek Watershed
459 West Illinois Route 22
Barrington, Illinois 60011

Project Period: 03/06/11 through 07/15/12

Total Project Cost:	\$152,250.00	Cumulative Expenditure:	\$102,788.49
Federal:	\$91,350.00	Federal:	\$58,589.44
State and Local:	\$60,900.00	State and Local:	\$44,199.05

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Education Strategy	02/28/11	Yes	
Final Watershed Education Strategy	03/31/11	Yes	
Implement Watershed Education Strategy	05/31/12	No	
Watershed Resources Inventory	09/30/11	Yes	
Draft Watershed-based Plan	05/31/12	No	
Final Watershed-based Plan	07/15/12	No	
Draft Executive Summary	05/31/12	No	
Final Executive Summary	07/15/12	No	

Comments:

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: 05/01/11 through 12/31/14

Total Project Cost:	\$600,000.00	Cumulative Expenditure:	\$0.00
Federal:	\$600,000.00	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	12/31/14	No	
Watershed Interim Reports No. 2	12/31/14	No	
Watershed Interim Reports No. 3	12/31/14	No	
Watershed Final Reports	12/31/14	No	
Participate in a General Public Meeting	12/31/14	No	
Participate in Basin Specific Meetings	12/31/14	No	
Participate in Public Hearings	12/31/14	No	
Install Methodologies or Models at Illinois EPA	12/31/14	No	

Comments:

Project Reports and Other Informational Materials:

FFY11 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Ravine Stabilization in the Farm Creek Watershed

Purpose: This project will stabilize eight (8) eroding ravines in or near the Farm Creek watershed, a tributary of the Illinois River. The forested ravines will be stabilized using rock lining and gabion baskets at the tow of the ravine. The installation of these grade stabilization structures will help reduce nonpoint source pollution and improve water quality.

NPS Program: Urban Runoff

Project Location: Tazewell County

Waterbody Name (ID): Farm Creek (ILDZZP03) & Illinois River (ILD30)

Subgrantee: Tri-County Regional Planning Commission
211 Fulton Street, Suite 207
Peoria, Illinois 61602-1332

Project Period: 08/29/11 through 07/15/13

Total Project Cost:	\$137,500.00	Cumulative Expenditure:	\$7,345.00
Federal:	\$82,500.00	Federal:	\$4,625.00
State and Local:	\$55,000.00	State and Local:	\$2,720.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Ravine System Design	12/31/11	Yes	
Final Ravine System Design	01/31/12	No	
Draft Permits & Agreements	12/31/11	Yes	
Final Permits & Agreements	01/31/12	No	
Draft Operation & Maintenance Plan	12/31/11	Yes	
Final Operation & Maintenance Plan	01/31/12	No	
Sign Design	10/31/11	No	
Install Signs	01/31/13	No	
Design Implementation	01/31/13	No	
Photo Documentation of Implementation	07/15/13	No	
Draft Final Report	05/31/13	No	
Final Report	07/15/13	No	

Comments:

Project Reports and Other Informational Materials:

Title: Illinois Urban Manual Update & NPS Program Assistance

Purpose: This project will allow for continued technical and educational assistance to, and through, county SWCDs on water quality issues. This project will also systematically update the nonpoint source pollution control practice standards contained in the Illinois Urban Manual (IUM). A series of supporting efforts will also be carried out under this project, including the development of a pocket field manual for the inspection of soil erosion and sedimentation control practices, training sessions and streaming video tutorials on green infrastructure practices for stormwater management, and presentations describing updates to the IUM.

NPS Program: Urban Runoff, Agriculture, & Information/Education

Project Location: Statewide

Waterbody Name (ID): Not applicable

Subgrantee: Association of Illinois Soil & Water Conservation Districts
4285 North Walnut Street Road
Springfield, Illinois 62707

Project Period: 09/14/11 through 02/28/14

Total Project Cost:	\$386,516.00	Cumulative Expenditure:	\$23,567.99
Federal:	\$231,910.00	Federal:	\$12,102.68
State and Local:	\$154,606.00	State and Local:	\$11,465.31

Project Milestone	Completion Date	Completed Yes/No	Comments
Complete Assistance	02/01/14	No	
Propose 20 New or Updated Practice Standards	03/01/13	No	
Complete 7 New or Updated Practice Standards	09/01/12	No	
Complete 7 New or Updated Practice Standards	06/01/13	No	
Complete 6 New or Updated Practice Standards	11/01/13	No	
Draft Field Manual	06/01/13	No	
Final Field Manual	09/01/13	No	
Print 3,000 copies of Filed Manual	09/01/13	No	
Post Field Manual on Website	09/01/13	No	
Distribution Strategy	10/01/13	No	
Distribute Copies of Field Manual	12/31/13	No	
Draft GI Framework	02/29/12	Yes	
Final GI Framework	03/30/12	Yes	
Draft GI Performance Standard Recommendation	11/30/12	No	
Final GI Performance Standard Recommendation	03/31/13	No	
Draft Educational Video Script	06/01/12	No	
Final Educational Video Scripts	08/01/12	No	
Rough Cut Videos	06/01/13	No	
Final Videos	08/01/13	No	
Post Videos on Website	09/01/13	No	
Draft Project Report	01/01/14	No	
Draft Project Report	02/28/14	No	

Comments:

Project Reports and Other Informational Materials:

11-03(319)SR

FFY11 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: TBA

Waterbody Name (ID): TBA

Subgrantee: TBA

Project Period: TBA

Total Project Cost:	\$935,559.00	Cumulative Expenditure:	\$0.00
Federal:	\$935,559.00	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:

Project Reports and Other Informational Materials:

Title: Woods Creek Watershed Based Plan

Purpose: This project will develop a watershed based plan for the Woods Creek watershed, which is a subwatershed of HUC 071200061201 and part of the Fox River watershed. Woods Creek is tributary to Lake-in-the-Hills 1W Lake and Crystal Lake Outlet Creek, which are both less than full support. The Woods Creek watershed based plan will be designed to improve water quality by controlling nonpoint source pollution. The plan will be consistent with the USEPA watershed based plan guidance dated August 26, 2003 (as revised), Chicago Metropolitan Agency for Planning's "Guidance for Developing Watershed Action Plans in Illinois" dated June 2007, total maximum daily load (TMDL) implementation plan requirements, and current watershed planning principles.

NPS Program: All Sources

Project Location: McHenry County

Waterbody Name (ID): Crystal Lake Outlet (ILDTZR-01) & Lake-In-The-Hills (ILRTZZ)

Subgrantee: Village of Algonquin
110 Meyer Drive
Algonquin, Illinois 60101

Project Period: 09/02/11 through July 15, 2013

Total Project Cost:	\$96,500.00	Cumulative Expenditure:	\$0.00
Federal:	\$55,500.00	Federal:	\$0.00
State and Local:	\$41,000.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Watershed Resources Inventory	01/15/12	No	
Draft Watershed-based Plan	01/15/13	No	
Final Watershed-based Plan	06/15/13	No	
Draft Executive Summary	01/15/13	No	
Final Executive Summary	06/15/13	No	

Comments:

Project Reports and Other Informational Materials:

Title: Judson University Tyler Creek Restoration

Purpose: This project will stabilize 830 feet of eroding streambanks and 200 feet of eroding streambed and establish 0.3 acres of riparian buffer along a segment of Tyler Creek, a tributary of the Fox River, located at the Judson University campus in Elgin, Illinois. Streambanks will be stabilized using a combination of stone toe protection, vegetated geogrids, slope re-grading, minor clearing of non-native vegetation, and re-vegetation with deep-rooted native plants. Stream channel stabilization will be achieved through the modification of two existing on-line dams into artificial riffles. The riparian buffer strip will be planted with native vegetation to help reduce fecal coliform loadings by discouraging waterfowl from accessing the stream.

NPS Program: Hydrologic Modification

Project Location: Kane County

Waterbody Name (ID): Tyler Creek (ILDTPZ-02)

Subgrantee: Judson University
1151 N. State Street
Elgin, Illinois 60123

Project Period: 09/19/11 through 08/30/13

Total Project Cost:	\$249,500.00	Cumulative Expenditure:	\$12,688.85
Federal:	\$149,700.00	Federal:	\$7,613.31
State and Local:	\$99,800.00	State and Local:	\$5,075.54

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design	02/01/12	Yes	
Final Design	05/01/12	No	
Draft Operation & Maintenance Plan	03/01/12	Yes	
Final Operation & Maintenance Plan	05/01/12	No	
Design Implementation	06/15/13	No	
Photo Documentation of Implementation	07/01/13	No	
Sign Design	05/01/12	No	
Install Signs	06/15/13	No	
Draft Final Report	07/01/13	No	
Final Report	08/01/13	No	

Comments:

Project Reports and Other Informational Materials:

Title: Indian Creek and Dago Slough BMP Implementation

Purpose: This project will install a variety of agricultural best management practices (BMPs) in the Indian Creek and Dago Slough watersheds in Knox County, Illinois. BMPs implemented under this project will include approximately 69 water and sediment control structures (WASCBs), 21 grassed waterways, 4 diversions, 4 grade control structures, 1 sediment basin, 8,000 feet of cattle stream fence, 1 livestock crossing, 1 gutter system with tile, 1000 feet of terraces, and 4 acres of grass and tree planting.

NPS Program: Agriculture

Project Location: Counties of Warren, Knox, & Fulton

Waterbody Name (ID): Dago Slough (ILDJFCA) & Indian Creek (ILDJFC)

Subgrantee: Prairie Hills Resource Conservation & Development
321 West University Drive
Macomb, Illinois 61455

Project Period: TBA through 11/15/13

Total Project Cost:	\$363,368.00	Cumulative Expenditure:	\$0.00
Federal:	\$218,021.00	Federal:	\$0.00
State and Local:	\$145,347.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	07/15/13	No	
Final Design Specifications	08/15/13	No	
Draft Operation & Maintenance Plan	09/15/11	No	
Final Operation & Maintenance Plan	08/15/13	No	
Design Implementation	10/15/13	No	
Photo Documentation of Implementation	11/01/13	No	
Draft Project Report	10/15/13	No	
Final Project Report	11/15/13	No	

Comments: This project will not be implemented. Illinois EPA has submitted a request to USEPA to amend the scope of work for this grant.

Project Reports and Other Informational Materials:

Title: Nippersink Creek Watershed Plan Implementation

Purpose: This project will continue implementation of the Nippersink Creek Watershed Plan. At Wonder Lake, approximately 740 linear feet of eroding shoreline over three sites will be stabilized through rip rap and a vegetative buffer strip (0.3 acres). At the Manke parcel, this project will 1) stabilize 851 linear feet of eroding streambank along a segment of Nippersink Creek, 2) install bioswales and level spreaders at three agricultural drain tile outlets to remove nutrients from the subsurface flow before discharge to the creek, and 3) remove 1,350 feet of agricultural drain tile and vegetate the surrounding area (20 acres of critical area planting). At the Barber Fen parcel, this project will 1) stabilize 1,610 linear feet of eroding streambank along a segment of Nippersink Creek and 2) remove 1,665 feet of agricultural drain tile and vegetate the surrounding area (10 acres of critical area planting). Streambanks will be stabilized using a combination of stone toe protection, slope re-grading, erosion control blanket, and seeding with native vegetation. At the Wanda parcel, this project will 1) stabilize 600 linear feet of eroding streambed on a tributary of Nippersink Creek with 15 riffles and 2) install 1,800 feet of livestock exclusion fencing. At Wonder Lake, approximately 800 linear feet of eroding shoreline will be stabilized through rip rap and stone to create an off-shore breakwater.

NPS Program: Hydrologic Modification, Agriculture, & Urban Runoff

Project Location: McHenry County

Waterbody Name (ID): Wonder Lake (ILRTZC) & Nippersink Creek (ILDTK-06)

Subgrantee: Nippersink Watershed Association
7602 Hancock Drive
Wonder Lake, Illinois 60097

Project Period: 01/14/12 through 01/31/14

Total Project Cost:	\$460,297.00	Cumulative Expenditure:	\$0.00
Federal:	\$267,539.00	Federal:	\$0.00
State and Local:	\$192,758.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
WONDER LAKE			
Draft Design Specifications	03/01/12	No	
Final Design Specifications	06/01/12	No	
Draft Operation & Maintenance Plan	03/01/12	No	
Final Operation & Maintenance Plan	06/01/12	No	
Design Implementation	06/01/13	No	
Photo Documentation of Implementation	07/01/13	No	

Project Milestone	Completion Date	Completed Yes/No	Comments
MANKE PARCEL			
Draft Design Specifications	06/01/12	No	
Final Design Specifications	09/01/12	No	
Draft Operation & Maintenance Plan	06/01/12	No	
Final Operation & Maintenance Plan	09/01/12	No	
Design Implementation	06/01/13	No	
Photo Documentation of Implementation	07/01/13	No	
BARBER FEN PARCEL			
Draft Design Specifications	06/01/12	No	
Final Design Specifications	09/01/12	No	
Draft Operation & Maintenance Plan	06/01/12	No	
Final Operation & Maintenance Plan	09/01/12	No	
Design Implementation	06/01/13	No	
Photo Documentation of Implementation	07/01/13	No	
WANDA LAKE			
Draft Design Specifications	03/01/12	No	
Final Design Specifications	06/01/12	No	
Draft Operation & Maintenance Plan	03/01/12	No	
Final Operation & Maintenance Plan	06/01/12	No	
Design Implementation	06/01/13	No	
Photo Documentation of Implementation	07/01/13	No	
WONDER LAKE RECTORATION PROJECT			
Draft Design Specifications	03/01/12	No	
Final Design Specifications	06/01/12	No	
Draft Operation & Maintenance Plan	03/01/12	No	
Final Operation & Maintenance Plan	06/01/12	No	
Design Implementation	06/01/13	No	
Photo Documentation of Implementation	07/01/13	No	
Sign Design	06/01/12	No	
Install Signs	06/01/13	No	
Draft Project Report	06/01/13	No	
Final Project Report	11/15/13	No	

Comments:

Project Reports and Other Informational Materials:

Title: North Branch Chicago River Watershed Project

Purpose: This project will implement additional best management practices (BMPs) in accordance with the North Branch Watershed Management Plan. An existing parking lot will be replaced with a 1.2 acre stormwater wetland and 1,650 feet of eroding drainage ditches will be stabilized through re-grading and planting native vegetation in the Village of Bannockburn to treat runoff before discharge to the Middle Fork North Branch of the Chicago River. Approximately 640 feet of eroding drainage ditch will be stabilized through re-grading and planting native vegetation and 3,445 feet of eroding shoreline over two detention basins will be stabilized with native vegetation in the Village of Bannockburn. Two rain gardens totaling 1,025 square feet will be installed at the Metra parking lot in the Village of Deerfield to treat runoff before discharge to the West Fork North Branch of the Chicago River. Approximately 0.7 acres of wetland will be restored through re-grading and re-vegetation, 762 feet of eroding drainage ditch will be stabilized through re-grading and planting native vegetation, 1,060 feet of eroding shoreline on a detention basin will be stabilized with native vegetative, and 5 interpretive signs installed in the Village of Green Oaks.

NPS Program: Hydrologic Modification & Urban Runoff

Project Location: Lake County

Waterbody Name (ID): M. Fk. N. Br. Chicago R. (ILHCCC-02) & W. Fk. N. Br. Chicago R. (ILHCCB-05)

Subgrantee: Lake County Stormwater Management Commission
500 West Winchester Road
Libertyville, Illinois 60048

Project Period: 10/07/11 through 12/31/13

Total Project Cost:	\$946,844.00	Cumulative Expenditure:	\$0.00
Federal:	\$531,672.00	Federal:	\$0.00
State and Local:	\$415,172.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
VILLAGE OF BANNOCKBURN			
Draft Design Specifications	03/01/12	No	
Final Design Specifications	05/01/12	No	
Final Permits & Agreements	02/29/12	No	
Draft Operation & Maintenance Plan	05/01/12	No	
Final Operation & Maintenance Plan	07/01/12	No	
Design Implementation	05/01/13	No	
Photo Documentation of Implementation	06/01/13	No	
Educational Sign Design	04/01/13	No	
Install Educational Sign	06/01/13	No	
Project Sign Designs	03/01/12	No	
Install Signs	05/01/13	No	

VILLAGE OF DEERFIELD		
Draft Design Specifications	03/01/12	No
Final Design Specifications	05/01/12	No
Final Permits & Agreements	02/29/12	No
Draft Operation & Maintenance Plan	05/01/12	No
Final Operation & Maintenance Plan	07/01/12	No
Design Implementation	05/01/13	No
Photo Documentation of Implementation	06/01/13	No
Project Sign Designs	03/01/12	No
Install Signs	05/01/13	No
VILLAGE OF GREEN OAKS		
Draft Design Specifications	03/01/12	No
Final Design Specifications	05/01/12	No
Final Permits & Agreements	02/29/12	No
Draft Operation & Maintenance Plan	05/01/12	No
Final Operation & Maintenance Plan	07/01/12	No
Design Implementation	05/01/13	No
Photo Documentation of Implementation	06/01/13	No
Educational Sign Design	04/01/13	No
Install Educational Sign	06/01/13	No
Project Sign Designs	03/01/12	No
Install Signs	05/01/13	No
Draft Final Report	06/01/13	No
Final Report	08/01/13	No

Comments:

Project Reports and Other Informational Materials:

Title: Lake Carlinville Improvements

Purpose: This project will install five water and sediment control basins and stabilize six eroding gullies on City of Carlinville owned property in the Lake Carlinville watershed. Additional BMPs, such as dry dams, grassed waterways, retention basins, grade stabilization structures, and retention basins, will be installed on city owned or privately owned property directly around the lake or along main tributaries to the lake. This project will also include the acquisition of environmental signoffs and permits for a previously designed sediment and nutrient control basin and sediment removal. An educational program will also be implemented. This is Phase 1 of a multi-phase implementation project.

NPS Program: Agriculture

Project Location: Macoupin County

Waterbody Name (ID): Lake Carlinville (ILRDG)

Subgrantee: City of Carlinville
550 North Broad Street
Carlinville, Illinois 62626-1019

Project Period: 11/07/11 through 02/01/14

Total Project Cost:	\$439,000.00	Cumulative Expenditure:	\$0.00
Federal:	\$263,400.00	Federal:	\$0.00
State and Local:	\$175,600.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design	01/31/12	No	
Final Design	03/31/12	No	
Complete Installation of BMPs	05/31/13	No	
Photographic Documentation of Construction	12/05/13	No	
Draft Operation & Maintenance Plan	03/31/12	No	
Final Operation & Maintenance Plan	12/05/13	No	
Draft Permits & Environmental Signoffs	01/01/12	No	
Final Permits & Environmental Signoffs	09/12/13	No	
Final Education Work Strategy	03/31/12	Yes	
Implement Education Work Strategy	12/05/13	No	
Draft Secondary BMP Implementation Strategy	01/31/12	Yes	
Final Secondary BMP Implementation Strategy	03/31/12	No	
Technical Assistance	11/30/13	No	
Pre-Construction Review	06/30/13	No	
Construction of all Secondary BMPs	11/30/13	No	
Photographic Documentation of Construction	12/05/13	No	
Draft Project Report	12/05/13	No	
Final Project Report	12/31/13	No	

Comments:

Project Reports and Other Informational Materials:

11-11(319) TK

Title: Cahokia Creek Restoration at Roxana Landfill

Purpose: This project will transform a 4,920 foot segment of highly unstable stream channel on Cahokia Creek into a 3,000 foot stable meandered stream by relocating the channel and installing two (2) rock riffles. Stone toe protection with suitable woody vegetation will be established on outside banks of all meander bends. Filter strips 66 feet wide will be established along the entire 3,000 ft reach. In addition, 2.5 acres of wetlands will be restored from the abandoned oxbows. An informational brochure will be produced and an on-site workshop will be conducted.

NPS Program: Hydrologic Modification

Project Location: Madison County

Waterbody Name (ID): Cahokia Creek (ILJQ-05)

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

Project Period: 09/20/11 through 07/30/13

Total Project Cost:	\$1,571,600.00	Cumulative Expenditure:	\$0.00
Federal:	\$500,000.00	Federal:	\$0.00
State and Local:	\$1,071,600.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	12/01/11	Yes	
Final Design Specifications	01/01/12	No	
Draft Operation & Maintenance Plan	07/01/12	No	
Final Operation & Maintenance Plan	08/01/12	No	
Design Implementation	11/30/12	No	
Photographic Documentation of Construction	12/30/12	No	
Draft Educational Brochure	04/01/13	No	
Final Educational Brochure	05/01/13	No	
Draft Educational Workshop Agenda, etc.	04/01/13	No	
Final Educational Workshop Agenda, etc.	05/01/13	No	
Hold Educational Workshop	06/01/13	No	
Project Sign Design	01/01/12	Yes	
Install Project Sign	11/30/12	No	
Draft Project Report	06/01/13	No	
Final Project Report	07/01/13	No	

Comments:

Project Reports and Other Informational Materials:

Title: Naperville Parks Water Quality Improvement Project

Purpose: This project will install a variety of best management practices (BMPs) along with educational signage at four parks within the West Branch of the DuPage River watershed. At Seager Park, the following will be installed: a 26,493 square foot permeable parking lot and driveway, a 0.65 acre buffer of native vegetation in and around a dry detention basin, and four interpretive signs. At Weigand Park, the following will be installed: a 8,095 square foot permeable parking lot, a 0.25 acre buffer of native vegetation between the parking lot and the river, a 335 square foot permeable walking path, a 775 square foot pervious concrete path, and one interpretive sign. At Knoch Park, the following will be installed: one interpretive sign and a 10,000 gallon cistern to capture rainwater from the restroom building, picnic shelter, and playground area for irrigation of the ball fields. At Pioneer Park, one interpretive sign will be installed and 6 acres of wetland will be restored through the removal of reed canary grass and reseeding with a wet prairie mesic mix.

NPS Program: Urban Runoff & Hydrologic Modification

Project Location: DuPage County

Waterbody Name (ID): West Branch DuPage River (ILGBK-02)

Subgrantee: Naperville Park District
320 West Jackson Ave.
Naperville, Illinois 60540-5252

Project Period: 08/26/11 through 12/31/13

Total Project Cost:	\$822,677.00	Cumulative Expenditure:	\$0.00
Federal:	\$493,606.00	Federal:	\$0.00
State and Local:	\$329,071.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
SEAGER PARK			
Draft Design	08/15/11	Yes	
Final Design	09/30/11	Yes	
Draft Operation & Maintenance Plan	09/30/11	Yes	
Final Operation & Maintenance Plan	10/31/11	Yes	
Design Implementation	11/30/12	Yes	
Photographic Documentation of Construction	02/15/13	Yes	
WEIGAND PARK			
Draft Design	12/15/11	Yes	
Final Design	04/30/12	No	
Draft Operation & Maintenance Plan	04/30/12	No	
Final Operation & Maintenance Plan	06/30/12	No	
Design Implementation	12/31/12	No	
Photographic Documentation of Construction	04/15/13	No	

Project Milestone	Completion Date	Completed Yes/No	Comments
KNOCH PARK			
Draft Design	11/30/11	Yes	
Final Design	01/31/12	Yes	
Draft Operation & Maintenance Plan	01/31/12	Yes	
Final Operation & Maintenance Plan	04/30/12	No	
Design Implementation	10/15/12	No	
Photographic Documentation of Construction	02/01/13	No	
PIONEER PARK			
Draft Design	02/15/12	No	Progress is being made.
Final Design	04/15/12	No	
Draft Operation & Maintenance Plan	04/15/12	No	
Final Operation & Maintenance Plan	06/30/12	No	
Design Implementation	06/30/13	No	
Photographic Documentation of Construction	07/15/13	No	
Draft Information & Outreach Strategy	02/15/12	Yes	
Final Information & Outreach Strategy	05/01/12	No	
Implement Information & Outreach Strategy	05/01/13	No	
Draft Project Report	05/30/13	No	
Final Project Report	07/15/13	No	

Comments:

Project Reports and Other Informational Materials:

Title: Carbon Cliff Permeable Streets

Purpose: This project will implement best management practices (BMPs) to reduce nonpoint source pollution associated with urban runoff from the Village of Carbon Cliff prior to discharge to an unnamed tributary of the Rock River. This project will replace 3 existing asphalt streets with 52,272 sq. ft. of porous pavement (permeable interlocking concrete pavement roadways) constructed over a layer of open-graded stone that will serve as the structural base as well as provides temporary storage of runoff. The temporarily stored runoff will either infiltrate into the sub-grade or slowly drain via perforated pipe in the stone base. Also, six (6) stone infiltration channels will be constructed in the parkway next to the porous pavement roadway to capture runoff in a gravel trench and allow it to infiltrate into the stone base beneath the roadway. An informational brochure will be developed and made available at the Village Hall.

NPS Program: Urban Runoff

Project Location: Rock Island County

Waterbody Name (ID): Rock River (ILP-04)

Subgrantee: Village of Carbon Cliff
106 1st Avenue
Carbon Cliff, Illinois 61239

Project Period: 09/13/11 through 07/15/13

Total Project Cost:	\$1,333,120.00	Cumulative Expenditure:	\$0.00
Federal:	\$733,200.00	Federal:	\$0.00
State and Local:	\$599,920.00	State and Local:	\$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Design Specifications	03/09/12	No	
Final Design Specifications	04/06/12	No	
Draft Permits and Landowner Agreements	03/09/12	Yes	
Final Permits and Landowner Agreements	04/06/12	No	
Design Implementation	04/01/13	No	
Photographic Documentation of Construction	07/15/13	No	
Draft Operation & Maintenance Plan	04/01/12	No	
Final Operation & Maintenance Plan	07/15/13	No	
Sign Design	04/01/12	No	
Install Signs	04/01/13	No	
Draft Brochure	04/01/13	No	
Final Brochure	06/01/13	No	
Draft Project Report	06/01/13	No	
Final Project Report	07/15/13	No	

Comments:

Project Reports and Other Informational Materials:

11-14(319) SR

