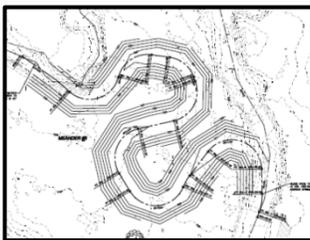




State of Illinois
Illinois Environmental Protection Agency
Bureau of Water
Watershed Management Section
Nonpoint Source Unit

Section 319
Biannual Report



FAA 3191305 – The **Upper Babbling Brook Multi-BMP Project** included channel re-meanders, streambank stabilization, cattle crossings, filter strips, wetland development, and a sediment basin,.

Babbling Brook is a tributary to Clear Creek, which drains to the Rock River in north-central Illinois.



TABLE OF CONTENTS

| Title | Page |
|---|-------------|
| FOREWORD | 4 |
| ASSESSMENT OF NONPOINT SOURCE POLLUTION | 5 |
| Streams | 5 |
| Lakes | 6 |
| Lake Michigan | 7 |
| Wetlands | 7 |
| Ground Water | 7 |
| National Monitoring Program | 7 |
| ILLINOIS NONPOINT SOURCE MANAGEMENT PROGRAM | 9 |
| Watershed Planning | 10 |
| IMPLEMENTATION OF THE ILLINOIS NONPOINT SOURCE MANAGEMENT PROGRAM | 21 |
| Section 319(h) – Nonpoint Source Pollution Control Financial Assistance Program | 31 |
| COMPLETED PROJECTS | |
| FFY 1990 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 1991 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 1991 FEDERALLY FUNDED SECTION 319 GREAT LAKES SET ASIDE | Appendix 1 |
| FFY 1992 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 1993 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 1994 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 1995 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 1996 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 1997 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 1998 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 1999 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2000 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2001 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2002 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2003 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2004 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2005 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2006 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2007 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2008 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2009 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2010 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2011 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| FFY 2012 FEDERALLY FUNDED SECTION 319 PROJECTS | Appendix 1 |
| Title | |
| FFY 2013 FEDERALLY FUNDED SECTION 319 PROJECTS | 37 |
| Nonpoint Source Pollution Management Workshop | 37 |
| Kickapoo Creek National Monitoring Project | 37 |
| Outreach to Farmers: Lake Mauvaise Terre Watershed | 38 |
| Upper Babbling Brook Multi-BMP Project | 38 |
| Kinkaid Lake BMP Implementation | 39 |
| Hobson Creek Corridor BMPs at Caddie Corner Park | 40 |

| Title | Page |
|---|-------------|
| 2013 Green Campus Initiatives | 40 |
| Otter Lake TMDL Implementation | 41 |
| Phase 4 of Salt Creek Streambank Stabilization | 42 |
| FFY 2014 FEDERALLY FUNDED SECTION 319 PROJECTS | 43 |
| Watershed Monitoring Plan & QAPP Development | 43 |
| ONGOING PROJECTS | |
| FFY 2013 FEDERALLY FUNDED SECTION 319 PROJECTS | 44 |
| Buffalo Creek Watershed-Based Plan | 44 |
| RMMS Maintenance and Enhancement | 45 |
| Lake Wildwood Stream and Floodplain Restoration | 46 |
| FFY 2013 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS) | 47 |
| Countywide Watershed BMP Implementation Program | 47 |
| Indian Creek Watershed Project | 49 |
| FFY 2014 FEDERALLY FUNDED SECTION 319 PROJECTS (NPS PROGRAM FUNDS) | 50 |
| Spring Branch Subwatershed Action Plan | 50 |
| Silver Creek Watershed Based Plan | 51 |
| BMP Implementation to Protect the Sangamon River | 52 |
| Illinois CREP Implementation & Stewardship Specialists | 53 |
| Apple Canyon Lake Comprehensive Watershed Plan | 54 |
| FFY 2014 FEDERALLY FUNDED SECTION 319 PROJECTS (WATERSHED PROJECT FUNDS) | 55 |
| Accelerating BMP Adoption for Lake Decatur | 55 |
| Carpenter Creek Stream Restoration | 56 |
| Lake Carlinville Improvements - Phase 2 | 57 |
| North Mill Creek Channel Restoration - Phase I | 58 |
| Lake Bloomington Paired Watershed Cover Crop Study | 59 |
| Candlewick Lake Bioswale Project | 60 |
| West Fork Stabilization in Downtown Glenview | 61 |
| Lakes Bloomington & Evergreen Watershed Social Assessment | 62 |
| Lake Springfield Watershed BMP Implementation | 63 |
| Monitoring of Kickapoo Creek near Charleston, Illinois | 64 |
| Oakwood Hills Fen Stream Corridor Restoration | 65 |
| Otter Creek Stabilization - Village of South Elgin | 66 |
| FFY 2015 FEDERALLY FUNDED SECTION 319 PROJECTS (NPS PROGRAM FUNDS) | 67 |
| Total Maximum Daily Load Development | 67 |
| Streambank Clean Up & Lakeshore Enhancement (SCALE) | 68 |
| Nonpoint Source Pollution Management Workshop | 69 |
| Waverly Lake Watershed Implementation Plan and "Third-Party" TMDL | 70 |
| Watershed Plan Development for Impaired DuPage County Waterways | 71 |
| Implementation of Watershed Monitoring Plan | 72 |
| FFY 2015 FEDERALLY FUNDED SECTION 319 PROJECTS (WATERSHED PROJECT FUNDS) | 73 |
| Lake Mauvaise Terre Pollutant Reduction Initiative & TMDL Implementation | 73 |
| DesPlaines River Watershed BMP Implementation and Planning Program | 74 |
| Cedar Lake BMP Implementation - Gully & Shoreline Stabilization | 76 |
| Permeable Paver BMPs - Athletic Recreation Center | 77 |
| Crabtree Creek Corridor Stabilization Project | 78 |
| Shaw Property - Nippersink Creek Stream Corridor Enhancement Project | 79 |

Title

Page

Making the Nitrogen Fall in Season
Columbine Boulevard Bioswale

80
81

FORWARD

Grants issued by USEPA under Section 319 of the Clean Water Act include a condition requiring the submittal of an end of year status report every year. 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 2014 cycle Integrated Report, a total of 17,717 (14.9%) of the 119,244 stream miles in Illinois were assessed for use support and 10,715 miles (60.5%) of those assessed streams have been identified as being impacted by point or nonpoint sources.

Use Assessments for Streams

| 305b Reporting 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 |
| 2012** | 8,673 | 49.1 | 1,384 | 7.9 | 78 | 0.4 | 7,419 | 42.5 | 17,476 | 100 | 10,057 | 57.5 |
| 2014** | 9,271 | 52.3 | 1,370 | 7.7 | 73 | 0.4 | 7,002 | 39.5 | 17,717 | 100 | 10,715 | 60.5 |

* Includes impaired waters where no source was identified or source is listed as unknown.

** Not yet fully approved by USEPA.

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

Therefore, 10,715 miles (60.5%) 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 livestock 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, loss of instream cover, and total suspended solids were the greatest nonpoint source related causes of streams not attaining full support ratings.

Lakes

For the 2014 cycle Integrated Report, a total of 149,849 (47%) of the 318,477 lake acres in Illinois were assessed for use support and 145,380 acres (97%) of those assessed lakes have been identified as being impacted by point or nonpoint sources.

Use Assessments for Lakes

| 305b Reporting 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 | |
| | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % | Acres | % |
| | Of Assessed | | Of Assessed | | Of Assessed | | Of Assessed | | Of Assessed | | Of Assessed | |
| 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 |
| 2012** | 103,666 | 69.2 | 44,147 | 29.5 | 0 | 0.0 | 1,979 | 1.3 | 149,792 | 100.0 | 147,812 | 98.7 |
| 2014** | 102,073 | 68.1 | 43,307 | 28.9 | 0 | 0.0 | 4,469 | 3.0 | 149,849 | 100.0 | 145,380 | 97.0 |

* Includes impaired waters where no source was identified or source is listed as unknown.

** Not yet fully approved by USEPA.

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

Therefore, 145,380 acres (97%) 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, livestock, 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 algae, aquatic plants

(macrophytes), atrazine, turbidity, 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 2014 cycle Integrated Report, a total of 196 of the 1,526 square miles (12.8%) of Lake Michigan open waters in Illinois' jurisdiction were assessed for the degree of aquatic life use support. All 196 square miles are fully supporting aquatic life designated use.

A total of 2.58 of the 2.62 square miles (98.3%) 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 64 shoreline miles, forming the northeastern portion of Illinois' border. All 64 miles were rated as not supporting fish consumption and primary contact designated uses. Atmospheric deposition, source unknown, 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 a probabilistic network of community water supply wells consisting of 357 fixed locations. For the 2014 cycle Integrated Report, 274 wells within this network were rated as Fully Supporting ("good"), 44 were rated as Not Supporting ("fair"), and 39 were rated as Not Supporting ("poor").

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 |
| Variables Measured | Fish, Macroinvertebrates, Habitat, Dissolved oxygen (DO), Temperature, Flow | Total phosphorus (TP), Dissolved phosphorus (DP), Total Kjeldahl nitrogen (TKN), Nitrate + nitrite (NO3 + NO2), Ammonia nitrogen (NH3+ NH4+), 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 EPA initiated a comprehensive update of the Program and submitted a draft to USEPA in August 2011. In 2013, the Illinois EPA completed its revisions and received USEPA approval of the updated Program report.

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://www.rmms.illinois.edu>). The following tables identify the diagnostic/feasibility studies and watershed-based plans that have been completed or are under way in Illinois. Note that that many of the entries of "No" for "implementation begun" in the following tables may have had projects that were implemented at the local level but not reported to Illinois EPA.

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 | Yes |
| Lake Mattoon | RCF | Shelby | City of Mattoon | TSS, TP | draft | Yes |
| 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 | Yes |
| 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

| Title of Plan | Author(s) | Completion Date | Implementation Begun | HUC |
|--|---|-----------------|----------------------|--|
| Upper Silver Creek Watershed-based Plan | HeartLands Conservancy; Madison County Planning & Development | 11/1/2015 | No | 071402040506; 071402040503; 071402040504; 071402040505; 071402040502; 071402040501 |
| Spring Brook No. 1 Watershed Plan | DuPage County Stormwater Management | 11/1/2015 | No | |
| Thorn Creek Watershed Based Plan | Chicago Metropolitan Agency for Planning; Geosyntec Consultants; Northeastern Illinois Planning Commission | 12/1/2014 | No | 071200030201; 071200030202; 071200030203; 071200030204 |
| Lake Mauvaise Terre Watershed Implementation Plan | American Farmland Trust; Northwater Consultants | 10/31/2014 | Yes | 071300110402 |
| Big/Long Creek Watershed TMDL Implementation Plan | Northwater Consultants; Agricultural Watershed Institute | 8/31/2014 | Yes | 071300060406; 071300060409 |
| Big Ditch Watershed TMDL Implementation Plan | Champaign County Soil and Water Conservation District; Northwater Consultants; Agricultural Watershed Institute | 8/31/2014 | Yes | 071300060202; 071300060203 |
| East Branch South Branch Kishwaukee River Watershed-based Plan | County of DeKalb; Hey and Associates, Inc | 7/15/2014 | Yes | 070900060501; 070900060502; 070900060503; 070900060504 |
| Candlewick Streams and Lakes Conservation Plan | Candlewick Lake Association, Inc.; Olson Ecological Solutions, LLC | 7/1/2014 | Yes | 070900060402 |
| 9 Lakes Watershed-based Plan | Chicago Metropolitan Agency for Planning | 6/1/2014 | No | 071200061007; 071200061103; 071200061104; 071200061105 |
| Mill Creek Watershed and Flood Mitigation Plan | Lake County Stormwater Management Commission; Northwater Consultants | 4/8/2014 | No | 71200040202 |
| Long Run Creek Watershed-Based Plan | Long Run Creek Watershed Planning Committee; Village of Lemont; Applied Ecological Services, Inc.; Lower DesPlaines Ecosystem Partnership | 3/31/2014 | No | 071200040703 |
| Madigan Creek Watershed Based Plan | County of Winnebago Highway Department | 7/31/2013 | Yes | 070900060802 |
| Buckbee Creek Watershed Based Plan | County of Winnebago Highway Department | 7/31/2013 | No | 070900050401 |
| Copperas Creek Watershed Resource Plan | USDA Natural Resources Conservation Service; Rock Island County Soil & Water Conservation District | 6/11/2013 | Yes | 070801010501; 070801010502 |
| Woods Creek Watershed Based Plan | Crystal Lake Park District; Village of Lake in the Hills; City of Crystal Lake; Applied Ecological Services, Inc.; Village of Algonquin | 1/1/2013 | No | 071200061201 |
| Jelkes Creek - Fox River | Geosyntec Consultants; Kane-DuPage | 12/19/2012 | Yes | 071200061206 |

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| Watershed Action Plan | Soil and Water Conservation District | | | |
| Spring Creek Watershed-Based Plan | Applied Ecological Services, Inc.; Spring Creek Watershed Partnership; Integrated Lakes Management, Inc; Tallgrass Restoration, LLC | 9/1/2012 | No | 071200061202 |
| Ferson-Otter Creek Watershed Plan | Chicago Metropolitan Agency for Planning; The Conservation Foundation; Fox River Ecosystem Partnership | 12/31/2011 | Yes | 071200070102; 071200070103 |
| Blackberry Creek Watershed Action Plan | Chicago Metropolitan Agency for Planning; The Conservation Foundation; Fox River Ecosystem Partnership | 12/30/2011 | No | 071200070201; 071200070202 |
| Silver Creek and Sleepy Hollow Creek Watershed Action Plan | Chicago Metropolitan Agency for Planning; Fox River Ecosystem Partnership; Environmental Defenders of McHenry County | 12/1/2011 | Yes | 071200061105; 071200061102 |
| North Mill Creek-Dutch Gap Canal Watershed-Based Plan | Lake County Stormwater Management Commission; V3 Companies of Illinois; Northwater Consultants; Bleck Engineering | 11/1/2011 | Yes | 071200040201 |
| Embarras River Watershed Management Plan | V3 Companies of Illinois; Northwater Consultants | 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; 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 |
| Clear Creek Watershed Action Plan | Lost Nation-New Landing River Conservancy District; Olson Ecological Solutions, LLC | 9/30/2011 | Yes | 070900050601 |
| Cedar Lake Watershed Needs Evaluation | HDR Engineering | 8/1/2011 | Yes | 071401061203 |
| Watershed Plan for Highland Silver Lake Watershed | HDR/CWI Consulting Engineers & Scientists | 7/1/2011 | Yes | 071402040401; 071402040402 |
| Lower DuPage River Watershed Based Plan | Chicago Metropolitan Agency for Planning; The Conservation Foundation | 6/1/2011 | Yes | 071200040806; 071200040807; 071200040808; 071200040809; 071200040810 |

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| Hickory Creek Watershed Plan | Chicago Metropolitan Agency for Planning | 6/1/2011 | Yes | 071200040601; 071200040602; 071200040603 |
| Indian Creek, Dago Slough, and Prairie Creek LRS/TMDL | Illinois Environmental Protection Agency | 12/16/2010 | No | 071300050905 |
| Prairie Creek Watershed TMDL Report | Illinois Environmental Protection Agency | 12/16/2010 | No | 071300100702 |
| Crystal Lake Clean Lakes Phase 1 Protection Plan | Crystal Lake Park District; Hey and Associates, Inc | 9/1/2010 | No | 071200061201 |
| Aux Sable Creek Watershed Plan | Wills Burke Kelsey Associates, Ltd | 6/1/2009 | No | 071200050101; 071200050103; 071200050102; 071200050104; 071200050105; 071200050106 |
| Staunton Lake Phase 1 Diagnostic Feasibility Study | Zahniser Institute for Environmental Studies | 5/1/2009 | No | 071401010102 |
| Jackson Creek Watershed Plan – Technical Report | Chicago Metropolitan Agency for Planning; Will County Stormwater Management Planning Committee | 4/1/2009 | Yes | 071200040902; 071200040903 |
| Rock River Ravines Watershed Plan 2008 | Quad Cities Watershed Planning Committee | 12/1/2008 | Yes | 070900051302; 070900070604; 070900051104; 070801010406 |
| Upper Kishwaukee River Watershed Plan – Technical Report | Chicago Metropolitan Agency for Planning | 11/1/2008 | No | 070900060205 |
| Dead River Watershed - Based Plan | Montgomery Watson Harza; Conservation Design Forum; Lake County Stormwater Management Commission | 9/1/2008 | Yes | 040400020501 |
| Lawrence Creek Watershed Plan – Technical Report | Chicago Metropolitan Agency for Planning | 9/1/2008 | No | 070900060301 |
| Beaver Creek Watershed Action Plan – Technical Report | Chicago Metropolitan Agency for Planning | 9/1/2008 | Yes | 070900060401; 070900060402 |
| Kellogg Creek Watershed - Based Plan | Montgomery Watson Harza; Conservation Design Forum; Lake County Stormwater Management Commission | 9/1/2008 | Yes | 040400020501 |
| Big Bureau Creek Watershed Based Plan | Bureau County Soil and Water Conservation District | 8/5/2008 | Yes | 071300010401; 071300010402; 071300010501; 071300010502; 071300010503; 071300010504; 071300010505; 071300010601; 071300010602; 071300010603; 071300010701; 071300010702; 071300010703 |
| Greater Bear Creek Area Watershed Plan | Hancock County Soil and Water Conservation District | 7/1/2008 | Yes | 071100010401; 071100010402; 071100010403; 071100010404; 071100010501; 071100010502; 071100010503; 071100010504; 071100010505; 071100010506; 071100010507; 071100010508; 071100010509; 071100010601; 071100010602; 071100010604; 071100011001; 071100011002; 071100011004; 071100011005 |
| Spring Lake Watershed Plan | McDonough County Soil and Water Conservation District | 7/1/2008 | Yes | 071300100304 |
| Evergreen Lake Watershed Plan | Evergreen Lake Watershed Planning Committee; McLean County Soil and Water Conservation District | 7/1/2008 | Yes | 071300040502 |

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| Lower Part of the Upper Sangamon River Watershed Resource Plan | Macon County Soil and Water Conservation District | 6/25/2008 | Yes | 071300060205; 071300060206; 071300060207; 071300060301; 071300060302; 071300060303; 071300060304; 071300060402; 071300060403; 071300060404; 071300060405; 071300060406; 071300060409 |
| Lake Bloomington Watershed Plan | Lake Bloomington Watershed Planning Committee; McLean County Soil and Water Conservation District | 6/17/2008 | Yes | 071300040201; 071300040202 |
| Watershed Implementation Plan for Lake Vermilion and the North Fork Vermilion River | Vermilion County Soil and Water Conservation District | 6/1/2008 | Yes | 051201090703; 051201090704; 051201090705; 051201090706; 051201090801; 051201090802; 051201090803; 051201090804; 051201090805; 051201090806 |
| 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 |
| Mary's River/North Fork Cox Creek TMDL Implementation Plan | Tetra Tech | 4/3/2008 | Yes | 071401050201; 071401050202; 071401050203; 071401050204; 071401050205; 071401050206 |
| Fish Lake Drain Watershed Management Plan | Conservation Design Forum; Lake County Stormwater Management Commission | 4/1/2008 | No | 071200061008; 071200061103 |
| Bull Creek/Bulls Brook Watershed-Based Plan | Applied Ecological Services, Inc.; Lake County Stormwater Management Commission | 3/31/2008 | Yes | |
| Shoal Creek Watershed TMDL Implementation Plan | Tetra Tech | 3/17/2008 | Yes | 071402030404; 071402030405; 071402030406; 071402030601; 071402030602; 071402030603; 071402030604; 071402030401; 071402030402; 071402030403 |
| Crab Orchard Creek Watershed TMDL Implementation Plan | Tetra Tech | 3/6/2008 | Yes | 071401060801; 071401060802; 071401060803; 071401060804; 071401060805; 071401060806; 071401060807; 071401060808; 071401060809 |
| Georgetown Lake TMDL Implementation Plan | Tetra Tech | 3/4/2008 | No | 051201081001; 051201081002; 051201081003; 051201081004; 051201081101; 051201081102; 051201081103 |
| The Tyler Creek Watershed Plan | Fluid Clarity, Ltd.; The Conservation Foundation; Watershed Resource Consultants, Inc. | 3/1/2008 | Yes | 071200061203; 071200061204 |
| Paris Twin Lakes TMDL Implementation Plan | Tetra Tech | 2/28/2008 | No | 051201110501 |
| South Fork Saline River/Lake of Egypt Watershed TMDL Report | Tetra Tech | 2/28/2008 | Yes | 051402040101; 051402040102; 051402040103; 051402040104; 051402040105 |
| Cedar Creek/Cedar Lake TMDL Implementation Plan | Tetra Tech | 2/1/2008 | Yes | 071401061201; 071401061202; 071401061203; 071401061204; 071401061205 |
| 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 |
| Upper DuPage River Watershed Plan | Kabbes Engineering, Inc.; The Conservation Foundation | 12/31/2007 | Yes | 071200040801; 071200040802; 071200040803; 071200040804; 071200040805 |
| Flint Creek Watershed-Based Plan | Applied Ecological Services, Inc. | 12/31/2007 | Yes | 071200061104 |

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| Waukegan River Watershed Plan | Geosyntec Consultants; Kabbes Engineering, Inc.; Waukegan Harbor Citizen's Advisory Group | 12/31/2007 | Yes | 040400020501 |
| Lake Carlville Watershed Plan & Phase 1 Study | HDR/CWI Consulting Engineers & Scientists | 12/1/2007 | Yes | 071300120106 |
| South Fork Sangamon River/Lake Taylorville Watershed TMDL Report | Illinois Environmental Protection Agency | 12/1/2007 | Yes | 071300070202; 071300070203; 071300070201 |
| Bay Creek Watershed TMDL Report | Illinois Environmental Protection Agency | 11/1/2007 | No | 051402030801; 051402030802; 051402030803; 051402030804; 051402030805; 051402030806; 051402030807 |
| Eagle Creek Watershed Plan | Gallatin County Soil and Water Conservation District | 8/11/2007 | No | 051402040704; 051402040705 |
| East Fork LaMoine River Watershed TMDL Report | Baetis Environmental Services, Inc.; Limno-Tech, Inc. | 8/1/2007 | Yes | 071300100301; 071300100302; 071300100303; 071300100305; 071300100306 |
| Cahokia Creek/ Holiday Shores Lake Watershed TMDL Report | Illinois Environmental Protection Agency | 8/1/2007 | Yes | 071401010201; 071401010202; 071401010203; 071401010204; 071401010205; 071401010206; 071401010207 |
| Poplar Creek Watershed Action Plan | Chicago Metropolitan Agency for Planning | 7/1/2007 | Yes | 071200061205 |
| 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 |
| Watershed Implementation Plan for the Upper Salt Fork of the Vermilion River | Champaign County Soil and Water Conservation District | 5/1/2007 | Yes | 051201090201; 051201090202; 051201090203; 051201090301; 051201090302; 051201090303; 051201090304; 051201090305; 051201090306; 051201090601; 051201090602; 051201090603 |
| TMDL Implementation Plan Macoupin Creek Watershed | Limno-Tech, Inc. | 2/1/2007 | Yes | 071300120101; 071300120102; 071300120103; 071300120104; 071300120105; 071300120107; 071300120108; 071300120109; 071300120401; 071300120402; 071300120403; 071300120404 |
| Mauvaise Terre Creek Watershed TMDL Implementation Plan | Limno-Tech, Inc. | 12/1/2006 | Yes | 071300110401; 071300110402; 071300110403; 071300110404 |
| Rayse Creek Watershed Management Plan | Southern Illinois University | 11/30/2006 | Yes | 071401060204; 071401060205; 071401060206 |
| Hodges Creek Watershed TMDL Implementation Plan | Limno-Tech, Inc. | 11/1/2006 | Yes | 071300120201; 071300120202; 071300120203; 071300120204; 071300120205; 071300120206; 071300120207 |
| Kinkaid Lake Phase 1 Diagnostic/Feasibility Study | Cochran & Wilken, Inc; Kinkaid-Reeds Creek Conservancy District | 9/1/2006 | Yes | 071401061101; 071401061102 |
| Glenn Shoals Lake Phase 1 Diagnostic Feasibility Study | Zahniser Institute for Environmental Studies | 9/1/2006 | No | 071402030201; 071402030202; 071402030203 |
| Indian Creek Watershed Plan | Applied Ecological Services, Inc.; Lake County Stormwater Management Commission | 6/1/2006 | Yes | 071200040501 |
| Raccoon Lake Phase 1 Diagnostic Feasibility Study | Curl & Associates, Inc.; Hanson Professional Services Inc. | 6/1/2006 | Yes | 071402020804; 071402020805 |
| Kinmundy Old Reservoir Phase 1 Diagnostic & Feasibility Study | Heartland Ecosystem Services, Inc. | 9/1/2005 | No | 071402020505 |

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| Patriots Park Lake Phase 1 Diagnostic Feasibility Study | Kingsbury Park District; Heartland Ecosystem Services, Inc.; Zahniser Institute for Environmental Studies | 6/1/2005 | Yes | 071402030308 |
| Casey Fork TMDL Report | Illinois Environmental Protection Agency | 10/1/2004 | No | 071401060102; 071401060103; 071401060101 |
| Vandalia Lake TMDL Report | Illinois Environmental Protection Agency | 10/1/2004 | Yes | 071402020603 |
| Dutchman Creek TMDL Report | Illinois Environmental Protection Agency | 10/1/2004 | No | 051402060401; 051402060402 |
| Sequoit Creek Watershed Plan | Lake County Stormwater Management Commission | 7/1/2004 | No | 071200061004 |
| Beaucoup Creek TMDL Report | Illinois Environmental Protection Agency | 6/1/2004 | Yes | 071401061001; 071401061002; 071401061004; 071401061005; 071401061006; 071401061007; 071401061008; 071401061009; 071401061010; 071401061011; 071401061003 |
| Squaw Creek Watershed Management Plan | Lake County Stormwater Management Commission | 5/1/2004 | Yes | 071200061007; 071200061008 |
| Total Maximum Daily Load Development for Fox River | Illinois Environmental Protection Agency | 4/1/2004 | Yes | 051201140601; 051201140602; 051201140603; 051201140604; 051201140605; 051201140606 |
| Lake Paradise Phase 1 Diagnostic/Feasibility Study | Crawford, Murphy, and Tilly, Inc; Goodpaster & Associates, Inc; Illinois Department of Natural Resources | 3/1/2004 | Yes | 051201140101 |
| Campus LakePhase 1 Diagnostic/Feasibility Study | Southern Illinois University | 3/1/2004 | No | 071401060809 |
| Tenmile Creek Watershed Restoration Plan | Tri-County Regional Planning Commission | 1/1/2004 | No | 071300011705 |
| Partridge Creek Watershed Restoration Plan | Tri-County Regional Planning Commission | 1/1/2004 | No | 071300011701 |
| Ackerman Creek Watershed Restoration Plan | Tri-County Regional Planning Commission | 1/1/2004 | No | 071300011601 |

Watershed-Based Plans in Illinois - Under Development

| Title of Plan | Author(s) | Completion Date | Implementation Begun | HUC |
|---|--|-----------------|----------------------|--|
| Horseshoe Lake TMDL Stage 3 Report | Limno-Tech, Inc. | 5/14/2015 | No | |
| Boone-Dutch Creek Watershed-based Plan | Chicago Metropolitan Agency for Planning | 11/1/2015 | No | 71200061101 |
| Buffalo Creek Watershed-Based Plan | Lake County Stormwater Management Commission; Cardno | 12/1/2015 | No | 071200040501; 071200040502; 071200040503 |
| Lake Springfield Watershed-based Plan | Sangamon County Soil and Water Conservation District | 6/1/2016 | No | 071300070701; 071300070702; 071300070703; 071300070704; 071300070705; 071300070706; 071300070707 |
| Silver Creek Watershed-based Plan | Living Waters Consultants, Inc. | 7/15/2016 | No | |
| Spring Branch Subwatershed Action Plan | Blackhawk Hills RC&D | 7/31/2016 | No | 070900031304 |
| Apple Canyon Lake Watershed-based Plan | | 8/30/2016 | No | 070600050601 |
| Hurricane Creek Watershed-based Plan | Greater Egypt Regional Planning and Development Commission | 11/1/2016 | No | 071401060705 |
| Upper Fox River/Chain O Lakes Watershed TMDL | Illinois Environmental Protection Agency | 4/1/2017 | No | 071200061007; 071200061010; 071200061004; 071200060906; 071200061008; 071200060904; 071200060907; 071200060901; 071200061009; 071200060902; 071200060905 |
| Thorn Creek Watershed TMDL | Illinois Environmental Protection Agency | 4/1/2017 | No | 071200030201; 071200030202; 071200030204; 071200030203 |
| DuPage River/Salt Creek Watershed TMDL | Illinois Environmental Protection Agency; AECOM, Inc. | 4/1/2017 | No | 071200040809; 071200040806; 071200040803; 071200040402; 071200040807; 071200040804; 071200040403; 071200040810; 071200040801; 071200040802; 071200040401; 071200040805; 071200040404; 071200040808 |
| Upper North Branch Chicago River Watershed TMDL | Illinois Environmental Protection Agency; AECOM, Inc. | 4/1/2017 | No | 071200030105; 071200030102; 071200030103; 071200030101; 071200030104 |
| Kress Creek Watershed-based Plan | DuPage County Stormwater Management | 7/31/2017 | No | |
| Klein Creek Watershed-based Plan | DuPage County Stormwater Management | 7/31/2017 | No | |
| Winfield Creek Watershed-based Plan | DuPage County Stormwater Management | 7/31/2017 | No | |

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|--|--|------------|----|--|
| St. Joseph Creek Watershed-based Plan | DuPage County Stormwater Management | 7/31/2017 | No | |
| Sawmill Creek/Wards Creek Watershed-based Plan | DuPage County Stormwater Management | 7/31/2017 | No | 071200040704 |
| Lower Salt Creek Watershed-based Plan | Chicago Metropolitan Agency for Planning | 12/31/2017 | No | 071200040403; 071200040402; 071200040404 |

IMPLEMENTATION OF THE ILLINOIS NONPOINT SOURCE MANAGEMENT PROGRAM

The 2013 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.

2013 Program Short- and Medium-Term Objectives and Milestones

| TX # | ENVIRONMENTAL BENEFITS - MILESTONES | STATUS | CITATION/DESCRIPTION |
|------|--|---------|---|
| A1 | <p>The total number of assessed stream miles in Illinois impaired by nonpoint source pollution will decrease 10% (minimum of 1,006 miles) from 10,057 stream miles in 2012 to 9,051 stream miles in 2018.</p> <p><i>Given that the total stream miles assessed may change between Integrated Reports, this 10% reduction goal could be expressed alternatively as “The percent of assessed stream miles impaired by nonpoint source pollution in 2012 (57.5%) will decrease to 51.8% in 2018.”</i></p> | Pending | <p>Stream miles impaired by NPS by Integrated Report year. 2014 – 10,715 miles</p> <p>Percent of assessed stream miles impaired by NPS by Integrated Report year. 2014 – 60.5%</p> |
| A2 | <p>The total number of assessed lake acres in Illinois impaired by nonpoint source pollution will decrease 2.5% (minimum of 3,695 acres) from 147,812 lake acres in 2012 to 144,117 lake acres in 2018.</p> <p><i>Given that the total lake acres assessed may change between Integrated Reports, this 2.5% reduction goal could be expressed alternatively as “The percent of assessed lake acres impaired by nonpoint source pollution in 2012 (98.7%) will decrease to 96.2% in 2018.”</i></p> | Pending | <p>Lake acres impaired by NPS by Integrated Report year. 2014 – 145,380 acres</p> <p>Percent of assessed lake acres impaired by NPS by Integrated Report year. 2014 – 97%</p> |
| A3 | <p>Each Federal fiscal year from 2014 through 2019, Illinois EPA will achieve an additional annual load reduction in <u>sediment</u> of 8,000 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.</p> | Pending | <p>BMPs implemented in the following FFYs resulted in the following annual sediment load reductions as documented through RMMS.</p> <p>FFY 2014 – 10,945 tons/year FFY 2015 – 3,670 tons/year</p> |

| | | | |
|---|--|----------|--|
| A4 | Each Federal fiscal year from 2014 through 2019, 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. | Pending | BMPs implemented in the following FFYs resulted in the following annual TSS load reductions as documented through RMMS. FFY 2014 – 57,500 pounds/year FFY 2015 – 250,637 pounds/year |
| A5 | Each Federal fiscal year from 2014 through 2019, Illinois EPA will achieve an additional annual load reduction in <u>nitrogen</u> of 15,000 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. | Pending | BMPs implemented in the following FFYs resulted in the following annual nitrogen load reductions as documented through RMMS. FFY 2014 – 28,377 pounds/year FFY 2015 – 19,907 pounds/year |
| A6 | Each Federal fiscal year from 2014 through 2019, Illinois EPA will achieve an annual load reduction in <u>phosphorous</u> of 8,000 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> | Pending | BMPs implemented in the following FFYs resulted in the following annual phosphorus load reductions as documented through RMMS. FFY 2014 – 11,818 pounds/year FFY 2015 – 6,899 pounds/year |
| 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. | | | |
| 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. | On-going | 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. Illinois Department of Agriculture's SSRP, CPP, and WDP have been added to RMMS. Other BMP programs recently added to RMMS include Conservation Easements – NCED & USEPA GLRI. |

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| 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 2014 and 2019 a combination of five Phase 1 and Phase II projects will be started. | Met | Between 2014 and 2019 the following Phase I or Phase II type projects were started with funded under Section 319: Apple Canyon Lake Comprehensive Watershed Plan (14-05), Accelerating BMP Adoption for Lake Decatur (14-06), Lake Carlinsville Improvements - Phase 2 (14-08), Candlewick Lake Bioswale Project (14-11), Lake Springfield Watershed-based Plan and BMP Implementation (14-15), Waverly Lake Watershed Implementation Plan and "Third-Party" TMDL (15-02), Lake Mauvaise Terre Pollutant Reduction Initiative & TMDL Implementation (15-05), Cedar Lake BMP Implementation - Gully & Shoreline Stabilization (15-07) |
| 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 2016 and 2018. Update of the Illinois EPA's Assessment of Nonpoint Source Impacts on Illinois Water Resources (Assessment) will be achieved through the biennial Illinois Integrated Water Quality Report required by Section 305(b) and 303(d) of the CWA. | Pending | |
| 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 pilot program will be completed by 2016. | On-going | This program is being piloted under the Conservation Reserve Enhancement Program (CREP) Staffing project (FAA No. 3191202) funded under Section 319 in FFY2012 and the Illinois CREP Implementation & Stewardship Specialists project (FAA No. 3191404) funded under Section 319 in FFY2014. |
| 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 2014 through 2018. <i>This objective corresponds to National Water Program Guidance Measure WQ-10.</i> | On-going | During 2014 one Success Story was approved by USEPA documenting two (2) waterbodies (RBD, BPGD) that were partially or fully restored. During 2015 one Success Story was approved by USEPA documenting one waterbody (IL_DZC) that was fully restored. |
| B6 | During 2014 through 2018, 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 | Pending | |

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| | source pollution in 2002. <i>This objective corresponds to National Water Program Guidance Measure WQ-21.</i> | | |
| B7 | By 2015, Illinois EPA will investigate opportunities for completing 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. <i>This objective corresponds to National Water Program Guidance Measure WQ-22b.</i> | Pending | Strategies to meet this measure will be reassessed now that the new 319 Guidance has been released. |
| 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. | On-going | 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. At the Illinois EPA's biannual Nonpoint Source Pollution Workshop, the Illinois EPA will survey Federal entities to determine if their property holdings are in compliance with the NPS Program. | On-going | |
| B10 | Annually submit a success story to U.S. EPA Region V for consideration. | On-going | Since 2013, the number of success stories submitted to USEPA annually are as follows: 2013 – 1 (Lake Vermilion) 2014 – 0 2015 – 1 (Blue Creek) |
| B11 | By December 2014 all TMDLs will have a universal implementation tracking system in place. | Pending | Working on implementing through RMMS. |

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| B12 | Illinois EPA will assist the Illinois Department of Natural Resources and other partner agencies in the development and implementation of the state coastal nonpoint pollution control program under the Coastal Zone Act Reauthorization Amendments of 1990 (CZARA). | On-going | Illinois' Coastal Nonpoint Pollution Control Program was submitted to NOAA and USEPA on July 31, 2014 and subsequently received a conditional approval. Illinois EPA will continue to work with IDNR as they develop the required elements to receive full approval of their program. |
| B13 | Annually the Illinois EPA will issue a request for proposals soliciting applications for Section 319(h) funding for projects that prevent, eliminate, or reduce water quality impairments by nonpoint source pollution. | On-going | During the following Section 319 grant cycles Illinois received. FFY15 – 33 applications requesting \$10 million dollars in financial assistance. FFY16 – 45 applications requesting \$7.6 million dollars in financial assistance. |
| 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. The number of watersheds for which a LRS was developed will be reported annually. | On-going | Language was incorporated into the RFP for the FFY2012, FFY2013, and FFY2014 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 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 2014 Bureau of Water Annual Hearing. This strategy will be released to the public January 2014. | Pending | The final <i>Illinois Nutrient Loss Reduction Strategy</i> was released July 21, 2015. |
| 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. | On-going | Illinois EPA supported monitoring is occurring in the Indian Creek watershed, which is part of the MRBI. |
| 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 |

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| | | 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.

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| D1 | Report on the progress of the Groundwater NPS Program for NPS Source Impacts to Groundwater in the ICCG Biennial Report. | On-going | Progress of the Groundwater NPS Program for 2013 – 2014 was documented in the ICCG Biennial Report. |
| D2 | Integrate source water assessments and protection areas into geographic information system (GIS) layers to be incorporated into the Resource Management Mapping Service (RMMS). | On-going | Illinois EPA is initiating a process to integrate GIS layers of source water assessments and protection areas to be incorporated into the (RMMS) website. |

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.

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| D3 | Training and BMP implementation will be used to 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) | On-going | |
| 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. |

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.

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| E1 | Investigate the possibility of incorporating a statewide wetlands net gain/loss as a data layer to RMMS by 2016. | Pending | Illinois EPA staff have been in communication with the Illinois Department of Natural Resources on this issue. |
| E2 | Wetland protection will be incorporated into watershed-based plans. The NPS components of Illinois EPA-approved watershed-based plans will be incorporated by reference into the NPS Program and implementation of watershed-based plans | On-going | |

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| | will be tracked through RMMS. | | |
| 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 2012 and 2018. Baseline for this milestone is 140 VLMP lakes in 2012. | | 2013: 150 Lakes (7% increase) 2014: 152 Lakes (8% increase) 2015: 151 Lakes (7% increase) |
| 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 was held in November 2012. | On-going | An urban workshop was held September 9 and 10, 2014. A rural workshop will be held in 2016. |
| 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 2015. | Met | The Grove on Kickapoo project was completed in the fall of 2015. |
| G3 | Illinois EPA will complete development of the 2013-2018 Illinois Water Monitoring Strategy by September 2014. Consideration will be given to comments provided by Region V on the Agency's previous strategy; new state and federal priorities; availability of Agency staff and financial resources; technical capabilities; etc. Illinois EPA will consider the addition of suspended sediment concentration as a parameter to be monitored under the 2013-2018 Illinois Water Monitoring Strategy. | On-going | The Draft 2013-2018 Illinois Water Monitoring Strategy was submitted to USEPA Region V on May 30, 2014 for comment. Although suspended sediment concentration was considered as a new parameter for the updated strategy it will not be included in the final document except as a noted parameter for continued consideration. |
| 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 2014. As deemed appropriate, additional monitoring locations, tools, and activities to better define NPS pollution impairments in Illinois will be identified as part of the Illinois | On-going | Illinois EPA Watershed Management staff was included on the working team to provide suggested revisions to the updated Strategy. Region V comments will be considered in the final document. |

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| | Water Monitoring Strategy, by September 2014. | | |
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| 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 | |
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| 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. The pilot project will be conducted on Vermont Reservoir/Sugar Creek and Canton Lake. Stage one and two of the pilot TMDLs was 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. Stage 3 has been initiated and is due to be completed August 2015. |
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| G7 | Annually have a Social Indicator Project either started or in the process of completion. | On-going | Illinois had the following social indicator projects: 2013 - Watershed Liaison (08-17, completed); Indian Creek Watershed Project (13-11, started) 2014 - Indian Creek Watershed Project (13-11, underway); Lake Bloomington & Evergreen Watershed Social Assessment (14-13, started) 2015 - Indian Creek Watershed Project (13-11, underway); Lake Bloomington & Evergreen Watershed Social Assessment (14-13, underway) |
| 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 2014 through 2018, seven (7) Watershed-based Plans covering at least ten (10) 12-digit hydrologic unit codes will be completed or updated. | Met | 2014: 9 watershed-based plans covering 19 12-digit hydrologic unit codes. 2015: 2 watershed-based plans covering 7 12-digit hydrologic unit codes. |
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| 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. | On-going | |

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| H3 | Incorporate groundwater and source water protection into watershed based plans | On-going | |
| H4 | Watershed-based plans that meet the 9 minimum elements, as determined by Illinois EPA, will be identified in Illinois EPA's Section 319 Biannual Report and the Resource Management Mapping Service (RMMS) website. The NPS components of Illinois EPA-approved watershed-based plans will be incorporated by reference into the NPS Program and implementation of watershed-based plans will be tracked through RMMS. | On-going | |
| 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. Illinois will maintain 2010 funding levels. 2010 levels: CPP- \$1.8M; SA- \$275,000; SSRP- \$475,000 | Not Met | <p>FY2011 funding levels were as follows: CPP \$811,477; Special Projects \$12,409; SSRP \$207,534; SA \$100,000.</p> <p>FY2012 funding levels were as follows: CPP \$681,400; SSRP \$92,288; SA \$66,000.</p> <p>FY2013 funding levels were as follows: CPP \$649,000; SSRP \$125,000; SA \$50,000; Special Projects 15,383.</p> <p>FY2014 funding levels were as follows: CPP \$803,000; SSRP \$220,070; SA \$119,915; Special Projects \$5,000.</p> <p>FY2015 funding levels were as follows: CPP \$0; SSRP \$0; SA \$0.</p> |
| 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. | On-going | The Illinois Urban Manual Update & NPS Program Assistance project was funded under the FFY 2011 Section 319 grant (11-03), FFY2013 Section 604b grant (604133), and FFY2015 Section 604b grant (604152) to achieve this milestone. |

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| J2 | <p>Assuming State funds are available; Illinois EPA will implement a Green Infrastructure Grant Program during SFY2014 and 15, 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.</p> | <p>On-going</p> | <p>The Illinois Green Infrastructure Grant Program was implemented in SFY 2011, 2012, 2013, and 2014. BMP implementation is reported through RMMS, GRTS, and the <u>IGIG Biannual Report</u>.</p> |
| <p>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.</p> | | | |
| K1 | <p>Continue coordination of the Generic SMP for Pesticides in Groundwater (include the dedicated pesticide monitoring network) with the ICCG, GAC, and Regional Planning Committees</p> | <p>On-going</p> | |

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 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 | \$6,063,037 | \$1,231,422 | \$4,831,615 | 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 | \$8,132,050 | \$2,639,869 | \$5,492,181 | 17 | 17 | \$800,000 |
| 2009 | 995200090 | 07/30/09 | 05/01/09 | 09/30/14 | \$7,148,400 | \$2,713,525 | \$4,434,875 | 15 | 15 | \$800,000 |
| 2010 | 995200010 | 04/14/10 | 05/01/10 | 12/31/14 | \$7,348,000 | \$2,631,545 | \$4,716,455 | 21 | 21 | \$600,000 |
| 2011 | 995200011 | 08/09/11 | 07/01/11 | 06/30/16 | \$5,968,441 | \$2,416,732 | \$3,551,709 | 14 | 14 | \$935,559 |
| 2012 | 999520012 | 05/21/12 | 04/01/12 | 03/31/17 | \$5,750,000 | \$2,328,164 | \$3,421,836 | 9 | 9 | \$700,000 |
| 2013 | 999520013 | 05/29/13 | 04/01/13 | 03/31/18 | \$6,114,000 | \$2,365,693 | \$3,748,307 | 14 | 9 | |
| 2014 | 999520014 | 04/28/14 | 04/01/14 | 03/31/19 | \$6,254,000 | \$2,342,945 | \$3,911,055 | 18 | 1 | |
| 2015 | 999520015 | 06/18/15 | 04/01/15 | 03/31/20 | \$6,190,100 | \$2,202,600 | \$3,987,500 | 14 | 0 | |
| | Totals | | | | \$149,723,452 | \$54,449,048 | \$95,274,404 | 469 | 433 | \$10,575,829 |

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://www.rmms.illinois.edu>).

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 | Nitrogen Load Reduction (lbs/year) | Phosphorus Load Reduction (lbs/year) | Total Suspended Solids Load Reduction (lbs/year) | Sediment Load Reduction (tons/year) |
|-------------------------------------|--------|---------|---------|------------------------------------|--------------------------------------|--|-------------------------------------|
| AGRICULTURE | | | | | | | |
| Brush Management (314) | - | 281 | - | 216 | 28 | - | 28 |
| Conservation Cover (327) | - | 119 | - | 1,526 | 767 | - | 695 |
| Conservation Tillage (329) | - | 23,639 | - | 51,082 | 25,696 | - | 157,288 |
| Cover and Green Manure Crop (340) | - | 1,707 | - | 1,994 | 998 | - | 861 |
| Critical Area Planting (342) | - | 15 | - | 1,116 | 559 | - | 3,915 |
| Dam, Diversion (348) | 1 | - | - | - | - | - | - |
| Sediment Basin (350) | 140 | - | - | 9,795 | 4,164 | 250,637 | 22,974 |
| Diversion (362) | - | - | 301 | 548 | 58 | - | 7 |
| Pond (378) | 142 | - | - | 20,194 | 9,744 | - | 24,130 |
| Filter Strip (393) | - | 13,893 | - | 331,173 | 167,895 | - | 107,389 |
| Grade Stabilization Structure (410) | 186 | - | - | 4,612 | 2,182 | - | 4,877 |
| Grassed Waterway (412) | - | 304 | - | 13,079 | 6,333 | 6 | 22,408 |
| Structure for Water Control (587) | 1 | - | - | - | - | - | - |
| Nutrient Management (590) | - | 147,244 | - | 109,915 | 54,325 | - | 36,522 |
| Terrace (600) | - | - | 148,193 | 7,240 | 3,749 | - | 11,593 |
| Tree Planting (612) | - | 7,210 | - | 54,915 | 27,464 | - | 23,448 |

| | | | | | | | |
|---|-----|-------|---------|--------|--------|---------|--------|
| Water and Sediment Control Basin (638) | - | - | 229,042 | 25,022 | 10,528 | - | 29,810 |
| Infiltration Trench (845) | 3 | - | - | 7 | - | 827 | - |
| Level Spreader (870) | 3 | - | - | - | - | - | - |
| Permanent Seeding (880) | - | 1,866 | - | 4,361 | 2,188 | - | 1,625 |
| Rock Outlet Protection (910) | 4 | - | - | 271 | 135 | - | 135 |
| HYDROLOGIC | | | | | | | |
| Wetland Acquisition (6) | - | 242 | - | - | - | - | - |
| Dredging (7) | 10 | - | - | - | - | - | - |
| Stream Channel Restoration (9) | - | - | 36,125 | 15,772 | 7,682 | - | 7,591 |
| Spillway Restoration (14) | 1 | - | - | - | - | - | - |
| Dam Removal (16) | 3 | - | - | - | - | - | - |
| dam repair (31) | 1 | - | - | - | - | - | - |
| Clearing and Snagging (326) | - | - | 7,401 | 6 | 3 | - | 3 |
| Streambank and Shoreline Protection (580) | - | - | 541,904 | 94,745 | 47,415 | 1,523 | 71,817 |
| Ditch Stabilization (581) | - | - | 6,565 | 612 | 309 | 11,752 | 299 |
| Stream Channel Stabilization (584) | - | - | 42,464 | 3,851 | 1,830 | - | 2,000 |
| Wetland Restoration (657) | - | 1,619 | - | 7,181 | 3,607 | 693,928 | 8,850 |
| LIVESTOCK | | | | | | | |
| Waste Management System (312) | 11 | - | - | 25,009 | 4,767 | - | 45 |
| Waste Storage Structure (313) | 26 | - | - | 28,737 | 4,557 | - | 23 |
| Fencing (382) | - | - | 16,809 | 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) | 7 | - | - | 17,895 | 3,001 | - | - |
| Roofing for Runoff Control (559) | 8 | - | - | 4,554 | 1,866 | - | - |
| Runoff Management System (570) | 4 | - | - | 33 | 6 | - | - |
| Stock Trails and Walkways (575) | - | - | 1,331 | - | - | - | - |
| Trough or Tank (614) | 2 | - | - | - | - | - | - |
| Wash Water Recovery (634) | 4 | - | - | 29 | 739 | - | - |
| OTHER2 | | | | | | | |
| Education (1) | 147 | - | - | - | - | - | - |
| Monitoring (2) | 42 | - | - | - | - | - | - |
| Planning/Administration (3) | 78 | - | - | - | - | - | - |
| Technical Assistance (4) | 34 | - | - | - | - | - | - |
| Well Sealing (5) | 239 | - | - | - | - | - | - |
| Sinkhole Stabilization (8) | 10 | - | - | - | - | - | - |
| Cistern (12) | 11 | - | - | 1 | - | 93 | - |
| Regulations (15) | 2 | - | - | - | - | - | - |
| aquatic herbicide application (19) | - | 3 | - | - | - | - | - |

| | | | | | | | |
|---|-----|-------|-------|--------|--------|-----------|--------|
| nutrient inactivation (27) | 1 | - | - | - | - | - | - |
| habitat enhancement (29) | 1 | - | - | - | - | - | - |
| buffer zone enhancement / installation (35) | - | 90 | - | 322 | 173 | 41 | 108 |
| 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) | - | 2,398 | - | 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) | 58 | - | - | 372 | 134 | 137,290 | - |
| 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) | 229 | - | - | 97,701 | 48,866 | - | 48,876 |
| 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) | 55 | - | - | 9,152 | 2,203 | 2,072,421 | 17 |
| Bioswale (814) | - | 5 | - | 1,610 | 224 | 231,970 | - |
| Urban Filter Strip (835) | - | 12 | - | 299 | 52 | 63,019 | - |
| Grass-Lined Channels (840) | - | 5 | - | 299 | 119 | 75,043 | 33 |
| Infiltration Trench (845) | 45 | - | - | 50 | 31 | 21,425 | 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) | - | 15 | - | 550 | 53 | 68,680 | - |
| Rock Outlet Protection (910) | 17 | - | - | - | - | - | - |
| Subsurface Drain (945) | - | - | 1 | 3 | - | 339 | - |

Totals 976,368 459,185 3,841,885 612,568

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./Yea r | 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 | 27,562 | 7,618 | 99,306 | 4,066 |
| 2009 | 23,046 | 11,381 | 113,113 | 11,690 |
| 2010 | 68,308 | 32,862 | 83,232 | 31,472 |
| 2011 | 49,782 | 21,802 | 461,153 | 21,515 |
| 2012 | 24,316 | 8,848 | 3,373 | 5,193 |
| 2013 | 8,645 | 4,664 | 252,593 | 3,381 |
| 2014 | 8,195 | 4,120 | 0 | 3,942 |
| 2015 | 2,188 | 801 | 0 | 367 |

COMPLETED PROJECTS

FFY13 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Nonpoint Source Pollution Management Workshop

Purpose: Illinois EPA hosted the second statewide biennial Nonpoint Source (NPS) pollution management workshop for Illinois EPA staff and local, state, and federal partners to interact with those groups and individuals that are committed to reducing NPS pollution to Illinois water resources. Biennial workshops alternate between rural and urban agendas. The 2014 workshop focused on urban issues and included components that present information on topics such as development and implementation of watershed based plans, Total Maximum Daily Loads (TMDL) and Load Reduction Strategies (LRS). The workshop also presented best management practice (BMP) technologies and application, and the use of water quality and technology-based tools for NPS pollution control. The workshop was designed to capture stakeholder and partner needs in regard to the Program to be used in the NPS Management Program Feedback Loop.

Project Location: Statewide

Project Reports and Other Informational Materials:

“Stormwater Best Management Practices Seminar – Final Report.” March 2015. The Conservation Foundation.

13-00 (319)CD

Title: Kickapoo Creek National Monitoring Project

Purpose: This project conducted surface water monitoring of Kickapoo Creek (ILEIE-03) to determine the effectiveness of the “Kickapoo Creek Corridor Restoration Project”. Monitoring documented 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 streambank 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 also included fecal coliform bacteria samples. All monitoring and associated data collected was entered into U. S. EPA’s Nonpoint Source Management System (NPSMS) and U. S. EPA’s STORET system.

Project Location: McLean County

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

13-01 (319)JC

Title: Outreach to Farmers: Lake Mauvaise Terre Watershed

Purpose: This project provided information and outreach aimed primarily at agricultural stakeholders to encourage their adoption of nutrient management and best management practices (BMPs) to reduce nonpoint source (NPS) pollution loadings to Mauvaise Terre Lake (IL_SDL) and Mauvaise Terre River (ILDD-02 & ILDD-04). A product of this effort was a list of practices that when implemented will reduce nutrient and sediment loadings as defined in the TMDL report. This project also developed a watershed-based plan for the Lake Mauvaise Terre (IL_SDL) watershed that is consistent with the USEPA watershed-based plan guidance dated April 12, 2013.

Project Location: Morgan County

Subgrantee: American Farmland Trust
2717 Blue Ridge Court
Bloomington, Indiana 47408

Project Reports and Other Informational Materials:

“Lake Mauvaise Terre Watershed Implementation Plan.” October 31, 2014. American Farmland Trust & Northwater Consulting.

“Lake Mauvaise Terre Watershed Implementation Plan; Addendum - Streambank Erosion & Lake Sediment Basin Assessment.” December 28, 2015. American Farmland Trust & Northwater Consulting.

“Outreach to Farmers: Lake Mauvaise Terre Watershed – Final Report.” December 30, 2015. American Farmland Trust.

BMP Implementation Summary:

| BMP Code | BMP Name | Amount | Estimated Load Reduction | | |
|----------|--------------------------|--------|--------------------------|-------------------------|-----------------------|
| | | | Sediment (Tons/Yr.) | Phosphorus (Pounds/Yr.) | Nitrogen (Pounds/Yr.) |
| 570 | Runoff Management System | 1 no. | 17.5 | 86 | 798 |

13-03(319)JC

Title: Upper Babbling Brook Multi-BMP Project

Purpose: This project implemented best management practices (BMPs) along 3.18 miles of Babbling Brook, a tributary of Lost Nation Lake (ILRPZF) within the Clear Creek (ILPZU) watershed near Dixon, Illinois. Approximately 2,675 feet of eroding, channelized stream on Babbling Brook over 3 sites were re-meandering and stabilized. Approximately 1,140 feet of eroding streambank on Babbling Brook over multiple sites were stabilized using rip rap and by thinning trees, removing brush, and restoring native plant communities to establish three acres of native plant filter strip along the stabilized streambanks. Approximately 4,500 feet of livestock exclusion fencing were installed over approximately 10 acres to limit the access of

cattle to Babbling Brook. Livestock stream crossings were installed at 4 locations on Babbling Brook. A 2.55 acre sediment containment basin was constructed on Babbling Brook with 2,006 feet of rip rap and 7.92 acres of native plant filter strip installed around the sediment basin. A severely eroded ditch, formed in a pasture from a tile outlet draining adjacent crop fields was treated by extending the tile 1,100 feet where water discharges to a controlled area along the shoreline of the sediment basin and establishing a grassed waterway above the extended tile.

Project Location: Ogle County

Subgrantee: Lost Nation / New Landing River Conservancy District
205 Cuyahoga Drive, Suite A
Dixon, Illinois 61021

Project Reports and Other Informational Materials:

“Upper Babbling Brook Multi-BMP Project.” July 31, 2015. Olson Ecological Solutions, LLC.

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. | ? | 220 | - |
| 393 | Filter Strip | 7.92 ac. | 567 | 725 | 1,360 |
| 412 | Grassed Waterway | 0.33 ac. | 168 | 182 | 413 |
| 009 | Stream Channel Restoration | 2,675 ft. | 296 | 296 | 592 |
| 580 | Streambank and Shoreline Protection | 1,140 ft. | 100 | 100 | 199 |
| 382 | Fencing | 4,500 ft. | ? | ? | ? |
| 575 | Stock Trails and Walkways | 48 ft. | ? | ? | ? |

13-05(319) SR

Title: Kinkaid Lake BMP Implementation

Purpose: This project helped protect the beneficial uses of Kinkaid Lake (ILRNC) from the impairments of nonpoint source (NPS) pollution. This project stabilized 3,109 feet of shoreline that were in areas of either high moderate or severe categories of erosion. The project also stabilized approximately 1,470 feet of gully on the 100 acre Worthen Farm property owned by the Conservancy District that drains into the Kinkaid Marina in an area that is highly visible to the general public.

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.” July 2015. HMG Engineers Inc.

BMP Implementation Summary:

| BMP Code | BMP Name | Amount | Estimated Load Reduction | | |
|----------|-------------------------------------|-----------|--------------------------|-------------------------|-----------------------|
| | | | Sediment (Tons/Yr.) | Phosphorus (Pounds/Yr.) | Nitrogen (Pounds/Yr.) |
| 412 | Grassed Waterway | 0.8 ac. | 69 | 69 | 137 |
| 580 | Streambank and Shoreline Protection | 3,109 ft. | 793 | 793 | 1,586 |

13-06(319) JC

Title: Hobson Creek Corridor BMPs at Caddie Corner Park

Purpose: This project stabilized 483 feet of eroding streambank and 140 feet of eroding streambed on Hobson Creek located between Greene Road and Greene Trails Road in Woodridge, Illinois. The banks were stabilized using minor re-grading, erosion control blanket, seeding and planting, rock toe, and eleven rock points along with a 0.2 acre riparian buffer. Channel down-cutting was controlled through the installation of four rock riffles. Hobson Creek is a tributary of the East Branch of the DuPage River (ILGBL-05). The project site, Caddie Corner Park, is owned by the Woodridge Park District.

Project Location: DuPage County

Subgrantee: Woodridge Park District
2600 Center Drive
Woodridge, Illinois 60517

Project Reports and Other Informational Materials:

“Hobson Creek BMPs at Caddie Corner Park - Project Evaluation and Final Report.” December 2014. 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 and Shoreline Protection | 483 ft. | 33 | 31 | 68 |
| 584 | Stream Channel Stabilization | 140 ft. | 19 | 9 | 36 |

13-07(319) ST

Title: 2013 Green Campus Initiatives

Purpose: This project implemented best management practices (BMPs) to reduce nonpoint source pollution discharged to the East Branch of the DuPage River (ILGBL-05 & ILGBL-02) from two schools in Woodridge, Illinois. At the Willow Creek School, an existing asphalt play area was replaced with 14,322 square feet of permeable pavers and 622 square feet of rain garden and 310 square feet of infiltration trench were also installed. At the Edgewood School, existing asphalt parking and play areas were replaced with 57,965 square feet of permeable pavers and 5,990 square

feet of rain gardens were installed. The project also included 6 interpretive signs (3 at each site), a brochure, and workshops.

Project Location: DuPage County

Subgrantee: Woodridge School District 68
7925 Janes Avenue
Woodridge, Illinois 60517

Project Reports and Other Informational Materials:

“2013 Green Campus Initiative Sustainability Guide.” (Brochure) 2015. Woodridge School District 68.

“2013 Green Campus Initiatives - Project Evaluation and Final Report.” January 2016. Woodridge School District 68.

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. | ? | - | - |
| 845 | Infiltration Trench | 1 no. | ? | - | - |
| 890 | Porous Pavement | 1.66 ac. | ? | 1 | 11 |

13-08(319) ST

Title: Otter Lake TMDL Implementation

Purpose: The project installed upland and shoreline stabilization best management practices (BMPs) as recommended in the Hodges Creek Watershed TMDL Report (November 2006) for Otter Lake (ILRDF) in Macoupin County, Illinois. This project installed three grade stabilization structures, 6 water and sediment control basins, nine ponds, one sediment basin, and one stormwater wetland. The project also stabilized 2,819 linear feet of eroding shoreline.

Project Location: Macoupin County

Subgrantee: Otter Lake Water Commission
P.O. Box 468
Virden, Illinois 62690

Project Reports and Other Informational Materials:

“Otter Lake Shoreline Erosion Control & TMDL Implementation Project.” September 3, 2015. Otter Lake Water Commission.

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. | 31 | 275 | 599 |
| 378 | Pond | 9 no. | 384 | 957 | 1,821 |
| 410 | Grade Stabilization Structure | 3 no. | 5 | 11 | 14 |
| 580 | Streambank and Shoreline Protection | 2,819 ft. | 375 | 451 | 751 |
| 638 | Water and Sediment Control Basin | 1,295 ft. | 52 | 100 | 168 |
| 800 | Urban Stormwater Wetlands | 1 no. | 4 | 5 | 11 |

13-09(319) JC

Title: Phase 4 of Salt Creek Streambank Stabilization

Purpose: This project stabilized 850 feet of Salt Creek (ILGL) located between Central Road and Barker Avenue in Rolling Meadows, Illinois. The banks and toe of the slope were stabilized using stone toe with vegetated slopes in areas where erosion was severe. In areas where erosion was less severe, selected clearing of non-native plants, minor re-grading and replanting with native deep-rooted vegetation was used. Also, a brochure was developed and a public information meeting held to educate residents adjacent to the creek on the project and proper stream maintenance.

Project Location: Cook County

Subgrantee: City of Rolling Meadows
3900 Berdnick Street
Rolling Meadows, Illinois 60008

Project Reports and Other Informational Materials:

“Salt Creek Streambank Stabilization Stage 4 Project Final Report.” January 8, 2016. Christopher B. Burke Engineering, Ltd.

“Salt Creek Streambank Stabilization Educational Brochure.” 2014. Christopher B. Burke Engineering, Ltd.

BMP Implementation Summary:

| BMP Code | BMP Name | Amount | Estimated Load Reduction | | |
|----------|-------------------------------------|---------|--------------------------|----------------------------|--------------------------|
| | | | Sediment (Tons/Yr.) | Phosphorus (Pounds/Yr.) | Nitrogen (Pounds/Yr.) |
| 580 | Streambank and Shoreline Protection | 850 ft. | 233 | 233 | 468 |

13-10(319) ST

FFY14 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Watershed Monitoring Plan & QAPP Development

Purpose: This project developed a water quality monitoring plan and Quality Assurance Project Plan (QAPP) for the Flint Creek (ILDTS-01) and Spring Creek (ILDTH-01) watersheds. The plan established procedures to 1) assess the current state of water quality resulting from nonpoint source pollution within streams and lakes; 2) assess changes in water quality to determine BMP effectiveness; and 3) assess the public social behavior related to water quality issues. Water quality monitoring will be performed by collecting physical, chemical, biological, and social indicator data related to the watershed-based plans' goals and objectives.

Project Location: Lake, Cook, & McHenry Counties

Subgrantee: Citizens for Conservation
459 West Highway 22
Barrington, Illinois 60010

Project Reports and Other Informational Materials:

"Final Water Quality Monitoring Plan." February 2015. KOT Environmental Consulting, Inc.

"Final Quality Assurance Project Plan." August 2015. KOT Environmental Consulting, Inc.

14-14 (319) ST

ONGOING PROJECTS

FFY13 FEDERALLY FUNDED SECTION 319 PROJECTS

Title: Buffalo Creek Watershed-Based Plan

Purpose: This project will develop a watershed-based plan for the Buffalo Creek watershed, a tributary to the Upper Des Plaines River, located in Cook and Lake Counties, Illinois. The plan will be consistent with the USEPA watershed based plan guidance dated April 12, 2013 (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 watershed-based planning process will focus on addressing water quality impairments in the watershed and provide the structure for reduction of nonpoint source pollution.

NPS Program: All Sources

Project Location: Cook and Lake Counties

Waterbody Name (ID): Buffalo Creek (ILGST)

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

Project Period: 07/23/13 through 12/31/15

| | | | |
|----------------------------|--------------|--------------------------------|--------|
| Total Project Cost: | \$204,854.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$104,400.00 | Federal: | \$0.00 |
| State and Local: | \$100,454.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|-------------------------------|------------------------|-------------------------|-----------------|
| Watershed Resources Inventory | 08/01/14 | Yes | |
| Draft Watershed-based Plan | 08/01/15 | Yes | |
| Final Watershed-based Plan | 12/31/15 | No | |
| Draft Executive Summary | 08/01/15 | Yes | |
| Final Executive Summary | 12/31/15 | No | |
| Self-Assessment of Plan | 12/31/15 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: RMMS Maintenance and Enhancement

Purpose: This project will continue the development and maintenance of Illinois EPA water quality databases in the Resource Management Mapping Service (RMMS). These databases include Section 319 funded best management practices, Lakes Program BMPs and diagnostic/feasibility studies, Watershed-based Plans, Illinois Green Infrastructure Grant Program for Stormwater Management (IGIG) BMPs, and Potential NPS Pollution Control Projects as well as new databases specified by Illinois EPA. Funding will also be used to update and expand the RMMS websites maintained at the University of Illinois, tools needed for analysis, as well as the public and internal reports generated. RMMS, as a vehicle for interactively creating and managing records in these water quality databases, provides the ability for data to be viewable and queryable and reports to be generated based on that data instantaneously. While the databases and the website are external to Illinois EPA, work is done under the direction of the Illinois EPA Bureau of Water.

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: 09/17/13 through 07/31/16

| | | | |
|----------------------------|--------------|--------------------------------|-------------|
| Total Project Cost: | \$430,555.00 | Cumulative Expenditure: | \$65,663.74 |
| Federal: | \$310,000.00 | Federal: | \$65,663.74 |
| State and Local: | \$120,555.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--|------------------------|-------------------------|-----------------|
| Implement All Maintenance and Enhancements | 07/15/16 | No | |
| Draft Final Report | 07/15/16 | No | |
| Final Report | 07/31/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Lake Wildwood Stream and Floodplain Restoration

Purpose: This project realigned an existing 520 foot segment of Shaw Creek (ILDPA) that had 30 foot high eroding streambanks and stabilized both banks (800 feet) of the new 400 foot segment of stream using stone toe protection, three rock riffles, bank grading, and native riparian vegetation. Two connected, off-line sediment basins with a combined size of 1.13 acres were also built to trap and hold sediment before it enters Lake Wildwood (ILRDK).

NPS Program: Agriculture & Hydrologic Modification

Project Location: Marshall County

Waterbody Name (ID): Lake Wildwood (ILRDK) & Shaw Creek (ILDPA)

Subgrantee: Lake Wildwood Association Inc.
1000 Lake Wildwood Drive
Varna, Illinois 61375

Project Period: 09/24/13 through 09/30/15

| | | | |
|----------------------------|--------------|--------------------------------|-------------|
| Total Project Cost: | \$208,757.00 | Cumulative Expenditure: | \$47,869.00 |
| Federal: | \$125,254.00 | Federal: | \$28,721.40 |
| State and Local: | \$83,503.00 | State and Local: | \$19,147.60 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--|------------------------|-------------------------|-----------------|
| Draft Design | 07/01/14 | Yes | |
| Final Design | 08/31/14 | Yes | |
| Draft Operation & Maintenance Plan | 07/01/14 | Yes | |
| Final Operation & Maintenance Plan | 08/31/14 | Yes | |
| Complete Installation of BMPs | 08/31/15 | Yes | |
| Photographic Documentation of Construction | 09/30/15 | Yes | |
| Install Sign | 06/30/14 | Yes | |
| Draft Project Report | 08/15/15 | Yes | |
| Final Project Report | 09/30/15 | No | |

Comments:

Project Reports and Other Informational Materials:

FFY13 FEDERALLY FUNDED SECTION 319 PROJECTS (INCREMENTAL FUNDS)

Title: Countywide Watershed BMP Implementation Program

Purpose: This project will implement best management practices (BMPs) at three sites. The Indian Creek Streambank Stabilization project component stabilized 1,927 linear feet of eroded streambank along Indian Creek through bank re-shaping and the installation of cross vanes, J-hooks, root wad composites, stone toe protection, and native seeding. The Kildeer Creek Streambank and Stream Channel Stabilization project component will stabilize 550 feet of eroding streambank and stream channel on Kildeer Creek through re-grading the banks slope and installing erosion control blanket and native vegetation, boulder toe or articulated concrete block at the normal water line, and a riffle for channel grade control. The Skokie River Restoration project component will daylight 1,250 linear feet of stream.

NPS Program: Hydrologic Modification

Project Location: Lake County

Waterbody Name (ID): Indian Creek (ILGU-02) & Skokie River (ILHCCD-01)

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

Project Period: 08/06/13 through 05/30/16

| | | | |
|----------------------------|----------------|--------------------------------|--------------|
| Total Project Cost: | \$1,726,315.00 | Cumulative Expenditure: | \$931,787.95 |
| Federal: | \$907,850.00 | Federal: | \$489,375.75 |
| State and Local: | \$818,465.00 | State and Local: | \$422,412.20 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--|------------------------|-------------------------|-----------------|
| SKOKIE RIVER RESTORATION | | | |
| Draft Design Specifications | 10/31/14 | Yes | |
| Final Design Specifications | 01/31/15 | Yes | |
| Final Permits & Agreements | 10/31/14 | Yes | |
| Draft Operation & Maintenance Plan | 10/31/14 | Yes | |
| Final Operation & Maintenance Plan | 01/31/15 | Yes | |
| Design Implementation | 07/31/15 | Yes | |
| Photo Documentation of Implementation | 10/31/15 | Yes | |
| Project Sign Designs | 01/31/14 | Yes | |
| Install Signs | 07/31/15 | Yes | |
| INDIAN CREEK STREAMBANK STABILIZATION | | | |
| Draft Design Specifications | 10/31/14 | Yes | |
| Final Design Specifications | 01/31/15 | Yes | |
| Final Permits & Agreements | 10/31/14 | Yes | |
| Draft Operation & Maintenance Plan | 10/31/14 | Yes | |
| Final Operation & Maintenance Plan | 01/31/15 | Yes | |
| Design Implementation | 07/31/15 | Yes | |
| Photo Documentation of Implementation | 10/31/15 | Yes | |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---|------------------------|-------------------------|-----------------|
| Project Sign Designs | 01/31/14 | Yes | |
| Install Signs | 07/31/15 | Yes | |
| KILDEER CREEK STREAMBANK & CHANNEL STABILIZATION | | | |
| Draft Design Specifications | 10/31/14 | Yes | |
| Final Design Specifications | 01/31/15 | Yes | |
| Final Permits & Agreements | 10/31/14 | Yes | |
| Draft Operation & Maintenance Plan | 10/31/14 | Yes | |
| Final Operation & Maintenance Plan | 01/31/15 | Yes | |
| Design Implementation | 07/31/15 | Yes | |
| Photo Documentation of Implementation | 10/31/15 | Yes | |
| Project Sign Designs | 01/31/14 | Yes | |
| Install Signs | 07/31/15 | Yes | |
| Draft Final Report | 08/31/15 | Yes | |
| Final Report | 10/31/15 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Indian Creek Watershed Project

Purpose: This project will continue work started in 2010 in the watershed to implement comprehensive conservation agriculture systems. This project will continue outreach to the watershed's 160 producers and demonstrate how using the 4Rs can improve nutrient use efficiency and the best approaches to reduce nutrient losses. Outreach and Information & Education will include farmer/demo vignettes, meetings/field tours, presentations, 1 on 1 visits with producers, interactive website, annual reports, and round table up & coming.

NPS Program: Agriculture & Information/Education

Project Location: Livingston County

Waterbody Name (ID): Indian Creek (ILDSPA-01)

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

Project Period: 10/07/13 through 08/31/16

| | | | |
|----------------------------|--------------|--------------------------------|--------------|
| Total Project Cost: | \$742,480.00 | Cumulative Expenditure: | \$409,147.18 |
| Federal: | \$445,488.00 | Federal: | \$251,751.91 |
| State and Local: | \$296,992.00 | State and Local: | \$157,395.27 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|-----------------------------|------------------------|-------------------------|-----------------|
| Watershed Outreach Strategy | | | |
| 1st Year Draft | 10/15/13 | Yes | |
| 1st Year Final | 11/15/13 | Yes | |
| 2nd Year Draft | 08/29/14 | Yes | |
| 2nd Year Final | 09/30/14 | Yes | |
| 3rd Year Draft | 08/31/15 | Yes | |
| 3rd Year Final | 09/30/15 | Yes | |
| ANNUAL REPORT | | | |
| 1st Year Draft | 06/15/14 | Yes | |
| 1st Year Final | 08/15/14 | Yes | |
| 2nd Year Draft | 06/15/15 | Yes | |
| 2nd Year Final | 08/15/15 | Yes | |
| Draft Project Report | 06/15/16 | No | |
| Final Project Report | 08/15/16 | No | |

Comments:

Project Reports and Other Informational Materials:

FFY14 FEDERALLY FUNDED SECTION 319 PROJECTS (NPS PROGRAM FUNDS)

Title: Spring Branch Subwatershed Action Plan

Purpose: This project will develop a watershed-based plan for the Spring Branch watershed that is designed to improve water quality by controlling nonpoint source pollution. Spring Branch is an assessed headwater stream and a 3,232 acre sub-watershed of the 17,545 acre Middle Yellow Creek (HUC 070900031304) watershed. The plan will be consistent with USEPA watershed-based plan guidance found in Appendix C of the Nonpoint Source Program and Grants Guidelines for States and Territories dated April 12, 2013 (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. Spring Branch (PWNC) is not supporting its Aquatic Life Use designation because of ammonia and phosphorus.

NPS Program: All Sources

Project Location: Stephenson County

Waterbody Name (ID): Spring Branch (ILPWNC)

Subgrantee: Blackhawk Hills RC&D
102 US Route 30, Suite 3
Rock Falls, Illinois 61071

Project Period: 07/07/14 through 07/31/16

| | | | |
|----------------------------|-------------|--------------------------------|--------|
| Total Project Cost: | \$82,000.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$49,200.00 | Federal: | \$0.00 |
| State and Local: | \$32,800.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|-------------------------------|------------------------|-------------------------|-----------------|
| Watershed Resources Inventory | 04/01/15 | Yes | |
| Draft Watershed-based Plan | 05/01/16 | No | |
| Final Watershed-based Plan | 07/31/16 | No | |
| Draft Executive Summary | 05/01/16 | No | |
| Final Executive Summary | 07/31/16 | No | |
| Self-Assessment of Plan | 05/01/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Silver Creek Watershed Based Plan

Purpose: This project will develop a watershed-based plan for the Silver Creek watershed (a 7,456 acre subwatershed of HUC 071200040506), a tributary to the Des Plaines River and located in DuPage and Cook Counties, Illinois. The proposed project will be facilitated by the Silver Creek Watershed Committee (SCWC), which is a consortium of stakeholders that includes municipalities, agencies, universities, and concerned citizens in the Silver Creek watershed. This stakeholder-driven, watershed-based plan will address the U.S. EPA's nine minimum elements for watershed-based planning. The watershed-based planning process will focus on addressing water quality concerns in the watershed and will provide a structure for the reduction of nonpoint source pollution.

NPS Program: All Sources

Project Location: Cook & DuPage Counties

Waterbody Name (ID): Silver Creek (ILGM-01)

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

Project Period: 06/03/14 through 07/15/16

| | | | |
|----------------------------|--------------|--------------------------------|--------|
| Total Project Cost: | \$113,600.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$68,160.00 | Federal: | \$0.00 |
| State and Local: | \$45,440.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|-------------------------------------|------------------------|-------------------------|-----------------|
| Draft Watershed Resources Inventory | 06/15/15 | Yes | |
| Final Watershed Resources Inventory | 07/15/15 | No | |
| Draft Watershed-based Plan | 05/01/16 | No | |
| Final Watershed-based Plan | 07/15/16 | No | |
| Draft Executive Summary | 05/01/16 | No | |
| Final Executive Summary | 07/15/16 | No | |
| Self-Assessment of Plan | 07/15/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: BMP Implementation to Protect the Sangamon River

Purpose: The project will install best management practices (BMPs) on four agricultural landowners' property to reduce nonpoint source pollution discharged into the North Lake Fork (IL_EIGB-01) in HUC 071300090302, the Sangamon River (IL_E-05) in HUC 071300060804, and Mosquito Creek (IL_EQ-01) in HUC 071300060601. BMPs implemented under this project will include approximately 6.2 acres of grassed waterways; 210 acres of cover crops; 3,310 feet of water and sediment control basins; 7,200 feet of terraces; and one grade stabilization structure. The project also includes workshops/field days and other educational activities.

NPS Program: Agriculture

Project Location: Macon County

Waterbody Name (ID): North Lake Fork (ILEIGB-01), Sangamon River (ILE-05), & Mosquito Creek (ILEQ-01)

Subgrantee: Macon County Soil and Water Conservation District
4004 College Park Road
Decatur, Illinois 62521

Project Period: 06/04/14 through 09/30/16

| | | | |
|----------------------------|--------------|--------------------------------|-------------|
| Total Project Cost: | \$121,685.00 | Cumulative Expenditure: | \$85,623.26 |
| Federal: | \$73,011.00 | Federal: | \$45,819.16 |
| State and Local: | \$48,674.00 | State and Local: | \$39,804.10 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--|------------------------|-------------------------|-----------------|
| Project Coordination | 09/30/16 | No | |
| Draft Design Specifications | 10/31/14 | Yes | |
| Final Design Specifications | 01/31/15 | Yes | |
| Conservation Plans, Permits & Agreements | 10/31/14 | Yes | |
| Draft Operation & Maintenance Plan | 10/31/14 | Yes | |
| Final Operation & Maintenance Plan | 01/31/15 | Yes | |
| Design Implementation | 06/30/16 | No | |
| Photo Documentation of Implementation | 07/31/16 | No | |
| Sign Design | 10/31/14 | Yes | |
| Install Sign | 06/30/16 | Yes | |
| Draft Final Report | 06/30/16 | No | |
| Final Report | 08/15/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Illinois CREP Implementation & Stewardship Specialists

Purpose: This project will provide well trained, effective staff (Stewardship Specialists) to promote the Conservation Reserve Enhancement Program (CREP) 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 best management practices (BMPs). The staff will geographically cover the Illinois River Basin and be strategically placed to ensure the highest level of effectiveness. In addition, they will be giving priority to acres in close proximity to the lakes and stream segments identified on the 303(d) impaired waters list that have a TMDL. A project report will be developed to explain the project goals and document the steps taken and results achieved. The report shall include a list of the soil and water conservation districts involved and their CREP accomplishments, including a summary by 12-digit Hydrologic Unit Code (HUC) of the CREP best management practices (BMPs) implemented in association with this project.

NPS Program: Agriculture

Project Location: Statewide

Waterbody Name (ID): Illinois River and Kaskaskia River

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

Project Period: 02/18/15 through 12/31/16

| | | | |
|----------------------------|--------------|--------------------------------|--------------|
| Total Project Cost: | \$644,273.00 | Cumulative Expenditure: | \$265,049.76 |
| Federal: | \$389,448.00 | Federal: | \$265,049.76 |
| State and Local: | \$254,825.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--------------------------|------------------------|-------------------------|-----------------|
| Draft Job Description | 04/01/15 | Yes | |
| Final Job Description | 06/01/15 | Yes | |
| List of LUCs | 06/01/15 | Yes | |
| First Annual Report | 09/01/15 | Yes | |
| Second Annual Report | 09/01/16 | No | |
| Draft Project Report | 12/01/16 | No | |
| Final Project Report | 12/31/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Apple Canyon Lake Comprehensive Watershed Plan

Purpose: This project will develop a watershed-based plan for the Apple Canyon Lake watershed (HUC 070600050601) that is designed to improve water quality by controlling nonpoint source pollution. Education programs will be carried out to inform the public about water quality conditions and engage them in the watershed planning process. Water quality monitoring will be conducted to provide a baseline and to set watershed goals.

NPS Program: All Sources

Project Location: Jo Daviess County

Waterbody Name (ID): Apple Canyon Lake (ILRMJ)

Subgrantee: Apple Canyon Lake Property Owner's Association
14A157 Canyon Club Drive
Apple River, Illinois 61001

Project Period: 06/09/14 through 12/31/16

| | | | |
|----------------------------|-------------|--------------------------------|-------------|
| Total Project Cost: | \$73,592.00 | Cumulative Expenditure: | \$59,778.55 |
| Federal: | \$42,492.00 | Federal: | \$34,518.81 |
| State and Local: | \$31,100.00 | State and Local: | \$25,259.74 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|-----------------------------------|------------------------|-------------------------|-----------------|
| Watershed Resources Inventory | 10/31/15 | Yes | |
| Draft Watershed-based Plan | 05/30/16 | Yes | |
| Final Watershed-based Plan | 08/30/16 | No | |
| Draft Executive Summary | 05/30/16 | Yes | |
| Final Executive Summary | 08/30/16 | No | |
| Self-Assessment of Plan | 05/30/16 | No | |
| Draft Monitoring Strategy | 06/30/14 | Yes | |
| Final Monitoring Strategy | 07/31/14 | Yes | |
| Strategy Implementation | 12/31/15 | Yes | |
| Submit Data | 01/31/16 | No | |
| Draft Education Strategy | 07/31/14 | Yes | |
| Final Education Strategy | 08/30/14 | Yes | |
| Education Strategy Implementation | 07/31/16 | No | |
| Draft Project Report | 06/30/16 | No | |
| Final Project Report | 08/30/16 | No | |

Comments:

Project Reports and Other Informational Materials:

FFY14 FEDERALLY FUNDED SECTION 319 PROJECTS (WATERSHED PROJECT FUNDS)

Title: Accelerating BMP Adoption for Lake Decatur

Purpose: This project is located within the Macon and Piatt county portions of the Lake Decatur watershed. Best management practices (BMPs) will be installed at 14 project sites. BMPs will include 1,300 linear feet of streambank stabilization; 39.75 acres of grassed waterways; 6 grade stabilization structures; 846 acres of cover crops; 4 sediment detention basins; 43.75 acres of permanent vegetative cover; one water control structures; 2 water and sediment control basin systems (1,100 linear feet); 17,000 feet of terraces (including parallel tile outlets); 5,280 feet of diversions; and 1 acre of heavy use area protection. Projects have been selected by their ability to control sediment, nitrates, and phosphorus and their proximity to the river and lake.

NPS Program: Agriculture, Urban Runoff, & Hydrologic Modification

Project Location: Macon and Piatt Counties

Waterbody Name (ID): Lake Decatur (ILREA) & Sangamon River (ILE-18, ILE-29, ILE-95)

Subgrantee: Macon County Soil and Water Conservation District
4004 College Park Road
Decatur, Illinois 62521

Project Period: 06/04/14 through 09/30/16

| | | | |
|----------------------------|--------------|--------------------------------|--------------|
| Total Project Cost: | \$708,858.00 | Cumulative Expenditure: | \$301,546.76 |
| Federal: | \$425,315.00 | Federal: | \$165,895.09 |
| State and Local: | \$283,543.00 | State and Local: | \$135,651.67 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--|------------------------|-------------------------|-----------------|
| Project Coordination | 09/30/16 | No | |
| Draft Design Specifications | 10/31/14 | No | 75% complete. |
| Final Design Specifications | 01/31/15 | No | 75% complete. |
| Conservation Plans, Permits & Agreements | 10/31/14 | No | 75% complete. |
| Draft Operation & Maintenance Plan | 10/31/14 | No | 75% complete. |
| Final Operation & Maintenance Plan | 01/31/15 | No | 75% complete. |
| Design Implementation | 06/30/16 | No | |
| Photo Documentation of Implementation | 07/31/16 | No | |
| Sign Design | 10/31/14 | Yes | |
| Install Sign | 06/30/16 | Yes | |
| Draft Final Report | 06/30/16 | No | |
| Final Report | 08/15/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Carpenter Creek Stream Restoration

Purpose: The project will stabilize 7,973 linear feet of streambank along Carpenter Creek, a tributary of the Fox River (ILD20), located north of Spring Street in Carpentersville, Illinois. A two-stage ditch will be installed to stabilize both banks (4,973 feet) north of Maple Avenue. The low-flow channel of the two-stage ditch will be meandered to the extent practical to mimic natural channel behavior and prevent erosion and channel migration. The channel will be widened and a floodplain shelf installed on both banks. Also, nine rock riffle grade control structures will be installed within the two-stage ditch to prevent erosion of the streambed. Both banks (3,000 feet) downstream of Maple Avenue will be stabilized with a twelve foot wide buffer of native vegetation. In-line wetlands (1.37 acres) will be constructed adjacent to the two-stage ditch. Eight rain gardens and two informational signs will also be installed in the Carpenters Park portion of the project site.

NPS Program: Urban Runoff & Hydrologic Modification

Project Location: Kane County

Waterbody Name (ID): Fox River (ILD20)

Subgrantee: Village of Carpentersville
1200 L.W. Besinger Drive
Carpentersville, Illinois 60110

Project Period: 06/06/14 through 07/31/16

| | | | |
|----------------------------|----------------|--------------------------------|--------|
| Total Project Cost: | \$1,135,939.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$628,215.00 | Federal: | \$0.00 |
| State and Local: | \$507,724.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-----------------|
| Draft Design Specifications | 03/15/15 | Yes | |
| Final Design Specifications | 05/15/15 | Yes | |
| Draft Permits & Agreements | 04/01/15 | Yes | |
| Final Permits & Agreements | 06/01/15 | Yes | |
| Draft Operation & Maintenance Plan | 05/01/16 | Yes | |
| Final Operation & Maintenance Plan | 06/01/16 | Yes | |
| Design Implementation | 05/01/16 | No | |
| Photo Documentation of Implementation | 06/01/16 | No | |
| Plan for Educational Signs | 04/01/16 | Yes | |
| Install Educational Signs | 06/01/16 | Yes | |
| Project Sign Design | 05/01/15 | No | |
| Install Project Sign | 07/06/16 | No | |
| Draft Project Report | 06/01/16 | No | |
| Final Project Report | 07/31/16 | No | |

Comments:

Project Reports and Other Informational Materials:

14-07(319) SR

Title: Lake Carlinville Improvements - Phase 2

Purpose: This project will install nonpoint source pollution control best management practices (BMPs) on private property and property owned by City of Carlinville in the Lake Carlinville watershed. BMPs will include 230 acres of permanent vegetative cover on forested ground adjacent to the lake; 23 water and sediment control basins; three grade stabilization structures; four ponds; 72 acres of grassed waterways; 146 acres of cover crops; three sediment basins; and 1,000 feet of streambank stabilization. Critical areas and amounts of BMPs to be implemented have been identified.

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: 06/06/14 through 07/31/16

| | | | |
|----------------------------|--------------|--------------------------------|--------------|
| Total Project Cost: | \$510,000.00 | Cumulative Expenditure: | \$204,641.59 |
| Federal: | \$306,000.00 | Federal: | \$106,771.74 |
| State and Local: | \$204,000.00 | State and Local: | \$97,869.85 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--|------------------------|-------------------------|-----------------|
| Draft Design | 07/31/15 | No | |
| Final Design | 08/31/15 | No | |
| Complete Installation of BMPs | 06/30/16 | No | |
| Photographic Documentation of Construction | 07/31/16 | No | |
| Draft Operation & Maintenance Plan | 07/31/15 | Yes | |
| Final Operation & Maintenance Plan | 08/31/15 | Yes | |
| Draft Education Work Strategy | 07/31/14 | Yes | |
| Final Education Work Strategy | 09/30/14 | Yes | |
| Implement Education Work Strategy | 11/01/15 | No | |
| Draft Project Report | 06/30/16 | No | |
| Final Project Report | 07/31/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: North Mill Creek Channel Restoration – Phase 1

Purpose: This project will include 1) the modification of the Rasmussen dam and the abandonment of Rasmussen Lake, 2) the creation of a new stream channel of 4,500 linear feet through what was once Rasmussen Lake, and 3) the creation of a temporary 14 acre pond. The project will restore 4,500 feet of stream channel and disconnect the eroding lake shore from the restored stream channel.

NPS Program: Hydrologic Modification

Project Location: Lake County

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

Subgrantee: Lake County Forest Preserve District
1899 West Winchester Road
Libertyville, Illinois 60048

Project Period: 07/23/14 through 09/30/16

| | | | |
|----------------------------|----------------|--------------------------------|--------------|
| Total Project Cost: | \$1,250,000.00 | Cumulative Expenditure: | \$745,156.80 |
| Federal: | \$500,000.00 | Federal: | \$298,062.72 |
| State and Local: | \$750,000.00 | State and Local: | \$447,094.08 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-----------------|
| Draft Design & BMP Application Form | 11/30/14 | Yes | |
| Final Design & BMP Application Form | 12/31/14 | Yes | |
| Permits | 12/31/14 | Yes | |
| Draft Operation & Maintenance Plan | 11/30/14 | Yes | |
| Final Operation & Maintenance Plan | 12/31/14 | Yes | |
| Design Implementation | 05/30/16 | No | |
| Photo Documentation of Implementation | 06/30/16 | No | |
| Sign Design | 12/31/14 | Yes | |
| Install Sign | 05/30/16 | Yes | |
| Draft Project Report | 06/30/16 | No | |
| Final Project Report | 07/31/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Lake Bloomington Paired Watershed Cover Crop Study

Purpose: This project will conduct a paired watershed monitoring study to determine the effectiveness of winter cover crops to reduce nitrate loading and total suspended solids (TSS). The study will assess the efficiency of cover crops (approximately 600 acres) to sequester fall-applied inorganic nitrogen, residual nitrogen and reduce nitrate leaching and sediment loading to Lake Bloomington. Additionally, this project will educate farmers and conservation agents on cover crop management and effectiveness in reducing nitrate and sediment loading through localized cover crop field plots and annual field days.

NPS Program: Monitoring/Evaluation

Project Location: McLean County

Waterbody Name (ID): Lake Bloomington (ILRDO)

Subgrantee: Illinois State University
Department of Agriculture
143 Ropp Agriculture Building, Campus Box 5020
Normal, Illinois 61761

Project Period: 07/16/14 through 07/15/16

| | | | |
|----------------------------|--------------|--------------------------------|-------------|
| Total Project Cost: | \$281,411.00 | Cumulative Expenditure: | \$93,272.50 |
| Federal: | \$168,296.00 | Federal: | \$34,621.78 |
| State and Local: | \$113,115.00 | State and Local: | \$58,650.72 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---|------------------------|-------------------------|-----------------|
| Draft Crop Study Design | 07/01/15 | Yes | |
| Final Crop Study Design | 08/01/15 | Yes | |
| Draft QAPP | 09/01/14 | Yes | |
| Final QAPP | 10/01/14 | Yes | |
| Complete Implementation of QAPP | 05/01/16 | No | |
| Draft Monitoring Report | 06/01/16 | No | |
| Final Monitoring Report & Data | 07/01/16 | No | |
| Draft Field Plots Strategy | 09/01/14 | Yes | |
| Final Field Plots Strategy | 10/01/14 | Yes | |
| Plant Field Plots-Year One | 09/30/14 | Yes | |
| Complete Agronomic Analysis & Signs -Year 1 | 11/01/14 | Yes | |
| Plant Field Plots-Year Two | 09/30/15 | Yes | |
| Complete Agronomic Analysis & Signs -Year 2 | 11/01/15 | Yes | |
| Print Informational Brochures | 11/30/14 | Yes | |
| Field Day-Year One | 11/30/14 | Yes | |
| Field Day-Year Two | 11/30/15 | Yes | |
| Draft Project Report | 06/01/16 | No | |
| Final Project Report | 07/01/16 | No | |

Comments:

Project Reports and Other Informational Materials:

14-10 (319) TS

Title: Candlewick Lake Bioswale Project

Purpose: This project will reduce nonpoint source pollution by converting existing dry ditches at selected inlets to Candlewick Lake into 10,000 square feet of bioswales planted with native vegetation. The bioswales will be designed to remove sediment and nutrients by filtering runoff from upstream residential and agricultural areas. Candlewick Lake (IL_RPV) is a tributary of Beaver Creek (IL_PQD-07) and covered by the watershed-based plan completed for the Beaver Creek watershed (HUCs 070900060401 and 070900060402) in 2008. Also, as recommended by the Beaver Creek plan, an updated and expanded watershed-based plan for the Candlewick Lake portion of HUC 070900060402 was completed in July, 2014.

NPS Program: Urban Runoff

Project Location: Boone County

Waterbody Name (ID): Candlewick Lake (ILRPV)

Subgrantee: Candlewick Lake Association, Inc.
13400 Hwy. 76
Poplar Grove, Illinois 61065

Project Period: 06/13/14 through 07/31/16

| | | | |
|----------------------------|-------------|--------------------------------|-------------|
| Total Project Cost: | \$88,000.00 | Cumulative Expenditure: | \$62,661.84 |
| Federal: | \$52,800.00 | Federal: | \$41,829.38 |
| State and Local: | \$35,200.00 | State and Local: | \$20,832.46 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-----------------|
| Draft Design Specifications | 12/01/14 | Yes | |
| Final Design Specifications | 02/01/15 | Yes | |
| Draft Permits & Agreements | 12/01/14 | Yes | |
| Final Permits & Agreements | 02/01/15 | Yes | |
| Draft Operation & Maintenance Plan | 02/01/15 | Yes | |
| Final Operation & Maintenance Plan | 06/01/16 | No | |
| Design Implementation | 05/01/16 | No | |
| Photo Documentation of Implementation | 06/01/16 | No | |
| Project Sign Design | 02/01/15 | Yes | |
| Install Project Sign | 05/01/16 | No | |
| Draft Project Report | 06/01/16 | No | |
| Final Project Report | 07/31/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: West Fork Stabilization in Downtown Glenview

Purpose: This project stabilized approximately 1,050 feet of eroding streambank along both sides of a 525 foot segment of the West Fork of the North Branch of the Chicago River (IL_HCCB-05) located in downtown Glenview, Illinois. Streambanks were stabilized using vegetated rock toe, two riffle and pool structures, a cross vane, a 0.85 acre riparian buffer of deep-rooted native vegetation, thirteen native trees, and sixteen native shrubs.

NPS Program: Hydrologic Modification

Project Location: Cook County

Waterbody Name (ID): West Fork of the North Branch of the Chicago River (ILHCCB-05)

Subgrantee: Village of Glenview
1225 Waukegan Road
Glenview, Illinois 60025

Project Period: 07/11/14 through 07/31/16

| | | | |
|----------------------------|--------------|--------------------------------|--------|
| Total Project Cost: | \$218,495.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$125,000.00 | Federal: | \$0.00 |
| State and Local: | \$93,495.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-----------------|
| Draft Design Specifications | 12/01/14 | Yes | |
| Final Design Specifications | 02/01/15 | Yes | |
| Draft Permits & Agreements | 12/01/14 | Yes | |
| Final Permits & Agreements | 02/01/15 | Yes | |
| Draft Operation & Maintenance Plan | 02/01/15 | No | |
| Final Operation & Maintenance Plan | 06/01/16 | No | |
| Design Implementation | 05/01/16 | Yes | |
| Photo Documentation of Implementation | 06/01/16 | Yes | |
| Project Sign Design | 02/01/15 | Yes | |
| Install Project Sign | 05/01/16 | Yes | |
| Draft Project Report | 06/01/16 | Yes | |
| Final Project Report | 07/31/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Lakes Bloomington & Evergreen Watershed Social Assessment

Purpose: This project will implement a social indicator survey in the watersheds of Lake Bloomington (HUC 0713000402) and Evergreen Lake (HUC 071300040502) in McLean County, Illinois. Base-line data will be collected on the values, attitudes, knowledge, and opinions held by the urban residents of the Lake Bloomington and Evergreen Lake watersheds regarding water quality and nonpoint source pollution control best management practices (BMPs). The social indicator monitoring program will be designed to 1) document and evaluate what urban residents in the watersheds know about and are concern about regarding water quality and the effects their current activities have on water quality; 2) document and evaluate what urban residents in the watersheds know about onsite wastewater treatment systems; 3) document and evaluate the knowledge and opinions held by the urban residents of the watersheds regarding the effect of water conservation on water quality and quantity; 4) provide data to direct future education and outreach efforts; and 5) provide social data that is designed to inform an update of the current Lake Bloomington and Evergreen Lake watershed management plans that will more directly address social aspects of watershed management for the future.

NPS Program: Monitoring/Evaluation

Project Location: McLean County

Waterbody Name (ID): Lake Bloomington (ILRDO) & Evergreen Lake (ILSDA)

Subgrantee: McLean County Soil & Water Conservation District
402 N. Kays Drive
Normal, Illinois 61761

Project Period: 05/29/14 through 07/31/16

| | | | |
|----------------------------|--------------|--------------------------------|--------|
| Total Project Cost: | \$152,112.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$90,900.00 | Federal: | \$0.00 |
| State and Local: | \$61,212.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--------------------------------------|------------------------|-------------------------|-----------------|
| Draft Quality Assurance Project Plan | 08/31/14 | Yes | |
| Final Quality Assurance Project Plan | 10/31/14 | Yes | |
| QAPP Implementation | 06/30/16 | No | |
| Enter Data into SIDMA | 06/30/16 | No | |
| Submit Data | 06/30/16 | No | |
| Draft Social Indicator Report | 06/30/16 | No | |
| Final Social Indicator Report | 07/31/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Lake Springfield Watershed-based Plan and BMP Implementation

Purpose: This project will implement best management practices (BMPs) in the Lake Springfield (ILREF) watershed to reduce nonpoint source pollution, soil erosion, and nutrient and sediment loadings in order to improve water quality in Lake Springfield and its watershed. BMPs will include 1,000 acres of nutrient management plans; 120 acres of cover and/or green manure crops; four acres of filter strips; two grade stabilization structures; 12 acres of grassed waterways; one pond; three dissipaters; one sediment basin; 1,000 feet of streambank stabilization; one structure for water control; 23 water and sediment control basins; 63 acres of woodland improvement; one bioreactor (3,000 sq. ft.); and one saturated buffer (2.5 acres). Also, by updating the existing Phase I Diagnostic/Feasibility Study for the Lake Springfield Restoration Plan, this project will develop a revised watershed-based plan for the Lake Springfield watershed.

NPS Program: Agriculture, Urban Runoff, & Hydrologic Modification

Project Location: Sangamon County

Waterbody Name (ID): Lake Springfield (ILREF)

Subgrantee: Sangamon County Soil & Water Conservation District
2623 Sunrise Drive - Suite 1
Springfield, Illinois 62703

Project Period: 06/12/14 through 02/28/17

| | | | |
|----------------------------|--------------|--------------------------------|--------------|
| Total Project Cost: | \$553,142.00 | Cumulative Expenditure: | \$233,783.77 |
| Federal: | \$331,885.00 | Federal: | \$140,270.27 |
| State and Local: | \$221,257.00 | State and Local: | \$93,513.50 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-----------------|
| Draft Watershed Resources Inventory | 07/01/15 | Yes | |
| Draft Watershed-based Plan | 03/01/16 | No | |
| Final Watershed-based Plan | 06/01/16 | No | |
| Draft Executive Summary | 03/01/16 | No | |
| Final Executive Summary | 06/01/16 | No | |
| Draft Design Specifications | 04/01/15 | No | |
| Final Design Specifications | 07/01/15 | No | |
| Draft Operation & Maintenance Plan | 04/01/15 | No | |
| Final Operation & Maintenance Plan | 07/01/15 | No | |
| Design Implementation | 10/01/16 | No | |
| Photo Documentation of Implementation | 11/01/16 | No | |
| Draft Education Strategy | 11/01/14 | Yes | |
| Final Education Strategy | 01/01/15 | Yes | |
| Education Strategy Implementation | 10/01/16 | No | |
| Draft Project Report | 10/01/16 | No | |
| Final Project Report | 12/01/16 | No | |

Comments:

Project Reports and Other Informational Materials:

14-15 (319) CD

Title: Monitoring of Kickapoo Creek near Charleston, Illinois

Purpose: A stream restoration project was completed on Kickapoo Creek downstream of Mattoon in September 2010 by the Illinois Department of Natural Resources (IDNR) utilizing FFY2009 Section 319 funds. This project will investigate the success of the restoration project to date looking at the stream habitat and biota. Eastern Illinois University (EIU) will conduct biological surveys on fish and macroinvertebrate populations and the U. S. Geological Survey (USGS) will monitor water quality and gauging of the stream to separate the effects of unstable channels from the water quality effects of point sources. This monitoring approach will provide the water quality information identified as a need in the Embarras River watershed-based plan.

NPS Program: Monitoring/Evaluation

Project Location: Coles County

Waterbody Name (ID): Kickapoo Creek (ILBEN-02)

Subgrantee: Eastern Illinois University
600 Lincoln Avenue
Charleston, Illinois 61920

Project Period: 05/25/14 through 07/31/16

| | | | |
|----------------------------|--------------|--------------------------------|--------------|
| Total Project Cost: | \$181,840.00 | Cumulative Expenditure: | \$119,311.45 |
| Federal: | \$141,000.00 | Federal: | \$89,166.00 |
| State and Local: | \$40,840.00 | State and Local: | \$30,145.45 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--------------------------|------------------------|-------------------------|-----------------|
| Draft QAPPs | 08/01/14 | Yes | |
| Final QAPPs | | Yes | |
| QAPP Implementation | 07/01/16 | No | |
| Year 1 Data | 07/01/15 | Yes | |
| Year 2 Data | 07/01/16 | No | |
| Draft Final Report | 06/15/16 | No | |
| Final Report | 07/31/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Oakwood Hills Fen Stream Corridor Restoration

Purpose: This project will restore 0.75 acres of wetland and stabilize 850 feet of an unnamed tributary of Silver Creek, which is a tributary of the Fox River (ILDT-22). Streambank stabilization techniques may include rock riffles, re-grading, rock toe, live brushlayers, fiber roll, live stakes, natural log weir, natural log terrace, and deep-rooted native vegetation. Wetland restoration may include construction of a sediment forebay, flow routing, re-grading, re-shaping, and deep-rooted native vegetation. The project site is immediately upstream of the Oakwood Hills Fen Nature Preserve. Educational signage and a brochure will also be developed to inform the public about nonpoint source pollution and this restoration project.

NPS Program: Hydrologic Modification

Project Location: McHenry County

Waterbody Name (ID): Fox River (ILDT-22)

Subgrantee: Village of Oakwood Hills
3020 North Park Drive
Oakwood Hills, Illinois 60013

Project Period: 06/11/14 through 07/31/16

| | | | |
|----------------------------|--------------|--------------------------------|--------|
| Total Project Cost: | \$298,503.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$171,537.00 | Federal: | \$0.00 |
| State and Local: | \$126,966.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-----------------|
| Draft Design Specifications | 05/15/15 | Yes | |
| Final Design Specifications | 06/01/15 | Yes | |
| Draft Permits & Agreements | 05/15/15 | Yes | |
| Final Permits & Agreements | 06/01/15 | No | |
| Draft Operation & Maintenance Plan | 05/15/15 | No | |
| Final Operation & Maintenance Plan | 06/01/16 | No | |
| Design Implementation | 05/01/16 | No | |
| Photo Documentation of Implementation | 06/01/16 | No | |
| Plan for Educational Signs | 04/01/16 | No | |
| Install Educational Signs | 06/01/16 | No | |
| Project Sign Design | 02/01/15 | No | |
| Install Project Sign | 05/01/16 | No | |
| Draft Project Report | 06/01/16 | No | |
| Final Project Report | 07/31/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Otter Creek Stabilization - Village of South Elgin

Purpose: This project will stabilize 1,430 feet of severely eroding streambanks over seven reaches of Otter Creek within the Village of South Elgin between Hopps Road and Silver Glen Road. Streambank stabilization techniques will include re-grading with stone toe and vegetated banks and/or gabion baskets, stream bank armoring, vegetative maintenance, or a combination of elements. Where conditions allow, root wads and riffles will be implemented to enhance aquatic habitat.

NPS Program: Hydrologic Modification

Project Location: Kane County

Waterbody Name (ID): Otter Creek (ILDTF) & Ferson Creek (ILDTF)

Subgrantee: Village of South Elgin
10 N Water Street
South Elgin, Illinois 60177

Project Period: 06/05/14 through 07/15/16

| | | | |
|----------------------------|--------------|--------------------------------|--------|
| Total Project Cost: | \$559,253.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$335,552.00 | Federal: | \$0.00 |
| State and Local: | \$223,701.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-----------------|
| Draft Meeting Information | 06/01/14 | No | |
| Final Meeting Information | 07/01/14 | No | |
| Draft Design Specifications | 01/15/15 | Yes | |
| Final Design Specifications | 06/01/15 | No | |
| Draft Permits & Agreements | 01/15/15 | Yes | |
| Final Permits & Agreements | 06/01/15 | No | |
| Draft Operation & Maintenance Plan | 01/15/15 | Yes | |
| Final Operation & Maintenance Plan | 06/01/15 | No | |
| Design Implementation | 01/31/16 | No | |
| Photo Documentation of Implementation | 07/15/16 | No | |
| Project Sign Design | 08/01/14 | Yes | |
| Install Project Sign | 05/31/16 | Yes | |
| Draft Project Report | 05/31/16 | No | |
| Final Project Report | 07/15/16 | No | |

Comments:

Project Reports and Other Informational Materials:

FFY15 FEDERALLY FUNDED SECTION 319 PROJECTS (NPS PROGRAM FUNDS)

Title: Total Maximum Daily Load Development

Purpose: The Illinois EPA will develop Stage 1 and, if necessary, Stage 2 Total Maximum Daily Load (TMDL) reports for the pollutants within five (5) selected watersheds. These Stage 1 and Stage 2 reports will later be used to support the development of Total Maximum Daily Loads (TMDLs) and implementation plans for TMDL attainment, plans which will meet the nine minimum elements of a watershed-based plan.

NPS Program: Monitoring/Evaluation

Project Location: Henderson, Warren, Knox, Hancock, McDonough, Schuyler, Brown, Champaign, Piatt, Macon, Douglas, Coles, Moultrie, Shelby, Fayette, & Montgomery Counties.

Waterbody Name (ID): Drowning Fork (IL_DGLC-01), Rock Creek (IL_DGO-01), La Harpe River (IL_DGP, IL_DGP-01), Baptist Creek (IL_DGPC-01), Prairie Creek (IL_DGZN-01), South Branch La Moine River (IL_DGZR), Carthage (IL_RLE), La Moine River (IL_DG-01, IL_DG-04), Missouri Creek (IL_DGD-01), Little Missouri Creek (IL_DGDA-01), Kaskaskia River (IL_O-02, IL_O-15), Beck Creek (IL_OQ-01), Coal Creek (IL_OQCA-01), West Okaw River (IL_OT-02, IL_OT-04), Jonathon Creek (IL_OU-01), Lake Fork (IL_OW-01, IL_OW-02), Asa Creek (IL_OZZT-01), Lou Yaegar Lake (IL_RON), & Mississippi River (IL_K-22)

Subgrantee: TBA

Project Period: 08/01/2015 through 07/31/18

| | | | |
|----------------------------|--------------|--------------------------------|--------|
| Total Project Cost: | \$500,000.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$500,000.00 | Federal: | \$0.00 |
| State and Local: | \$0.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--------------------------|------------------------|-------------------------|-----------------|
| Stage 1 Reports | TBA | No | |
| Stage 2 Reports | TBA | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Streambank Clean Up & Lakeshore Enhancement (SCALE)

Purpose: The Streambank Cleanup And Lakeshore Enhancement program provides funds to assist groups that have established a recurring streambank or lakeshore cleanup to hold a cleanup event. Groups can receive up to \$3,500 for implementation of their cleanup events. No local match is required to be provided by the sub-recipients. SCALE was specifically created to assist with litter collection and disposal in and along Illinois water resources. Funds can be used for safety attire (includes gloves and vests), litterbags, event promotions, logistical needs, and dumpster or landfill fees.

NPS Program: Hydrologic Modification

Project Location: Statewide

Waterbody Name (ID): Not Applicable

Subgrantee: Not Applicable

Project Period: 02/01/2016 through 01/31/18

| | | | |
|----------------------------|-------------|--------------------------------|--------|
| Total Project Cost: | \$80,000.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$80,000.00 | Federal: | \$0.00 |
| State and Local: | \$0.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--------------------------|------------------------|-------------------------|-----------------|
| Application Submittal | 11/30/15 | No | |
| Project Selection | 03/31/16 | No | |
| Final Report | 01/31/18 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Nonpoint Source Pollution Management Workshop

Purpose: Illinois EPA will host a statewide Biennial Nonpoint Source (NPS) Pollution Management Workshop for Illinois EPA staff and local, state, and federal partners to interact with those groups and individuals that are committed to reducing NPS pollution to Illinois water resources. The biennial workshops will alternate between rural and urban agendas. The 2016 workshop will focus on rural issues and will include components that present information on topics such as development and implementation of watershed-based plans, nutrient reduction, and partner programs. The workshop will also present best management practice (BMP) technologies and application, and the use of water quality and technology-based tools for NPS pollution control. The workshop will be designed to capture stakeholder and partner needs in regard to Illinois' NPS Management Program to be used in the NPS Management Program Feedback Loop.

NPS Program: All Categories

Project Location: Statewide

Waterbody Name (ID): Not Applicable

Subgrantee: Not Applicable

Project Period: 08/01/15 through 04/15/17

| | | | |
|----------------------------|-------------|--------------------------------|--------|
| Total Project Cost: | \$60,000.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$60,000.00 | Federal: | \$0.00 |
| State and Local: | \$0.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|------------------------------|------------------------|-------------------------|-----------------|
| Technical Advisory Committee | 03/31/16 | No | |
| Develop Program | 06/30/16 | No | |
| Hold Workshop | 12/31/16 | No | |
| Draft Project Report | 02/15/17 | No | |
| Final Project Report | 04/15/17 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Waverly Lake Watershed Implementation Plan and “Third-Party” TMDL

Purpose: This project will 1) develop total maximum daily loads (TMDLs) for total phosphorus for Waverly Lake (IL_SDC) and 2) develop a watershed-based plan for the Waverly Lake (IL_SDC) watershed (a portion of HUC 071300110601). The watershed-based plan will be designed to improve water quality by controlling nonpoint source pollution and will be consistent with the USEPA watershed-based plan guidance. The TMDL and watershed-based plan will include a detailed watershed characterization, quantifying point and nonpoint source pollution and identifying site-specific treatment practices. Load reductions will be calculated for recommended best management practices (BMPs) and compared against water quality targets and total loading. The project will specifically identify all in-lake and external sources of nutrients and sediment, and will include a detailed assessment of lakeshore and streambank erosion. A pollutant loading model will be used to target BMPs to the most critical areas and quantify annual loadings of sediment, nitrogen, and phosphorus.

NPS Program: All Sources

Project Location: Morgan County

Waterbody Name (ID): Wood Creek (IL_DBP) & Waverly Lake (IL_SDC)

Subgrantee: City of Waverly
171 North Pearl, P.O. Box 174
Waverly, Illinois 62692

Project Period: 07/16/15 through 07/15/17

| | | | |
|----------------------------|-------------|--------------------------------|-------------|
| Total Project Cost: | \$95,000.00 | Cumulative Expenditure: | \$15,600.00 |
| Federal: | \$67,000.00 | Federal: | \$10,920.00 |
| State and Local: | \$28,000.00 | State and Local: | \$4,680.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---|------------------------|-------------------------|-----------------|
| Draft Watershed Resources Inventory | 06/01/16 | No | |
| Final Watershed Resources Inventory | 08/01/16 | No | |
| Draft Watershed-based Plan & TMDL | 10/01/16 | No | |
| Public Draft Watershed-based Plan & TMDL | 11/15/16 | No | |
| Submit Watershed-based Plan & TMDL to USEPA | 02/01/17 | No | |
| Final Watershed-based Plan & TMDL | 07/01/17 | No | |
| Draft Public Outreach Strategy | 08/01/15 | Yes | |
| Final Public Outreach Strategy | 09/01/15 | Yes | |
| Draft Executive Summary | 10/01/16 | No | |
| Final Executive Summary | 11/15/16 | No | |
| Self-Assessment of Plan | 11/15/16 | No | |

Comments:

Project Reports and Other Informational Materials:

15-02 (319) TS

Title: Watershed Plan Development for Impaired DuPage County Waterways

Purpose: This project will develop watershed-based plans for five (5) watersheds in DuPage County. The five watersheds include: 1) Kress Creek (ILGBKB-01) watershed (a portion of HUC 071200040802), which is a tributary of the West Branch DuPage River (IL_GBK-05); 2) Klein Creek (ILGBKC-01) watershed (a portion of HUC 071200040802), which is a tributary of the West Branch DuPage River (IL_GBK-05); 3) St. Joseph Creek (ILGBLB-01) watershed (a portion of 071200040804), which is a tributary of the East Branch DuPage River (ILGBL-05); 4) Sawmill Creek/Wards Creek (ILGJ-01) watershed (HUC 071200040704), which is a tributary of the DesPlaines River (ILG-03); and 5) Winfield Creek (IL_GBKF-01) watershed (a portion of 071200040802), which is a tributary of West Branch DuPage River (IL_GBK-05). The watershed-based plans will be designed to improve water quality by controlling nonpoint source pollution and will be consistent with the USEPA watershed-based plan guidance.

NPS Program: All Sources

Project Location: DuPage County

Waterbody Name (ID): Kress Creek (ILGBKB-01), Klein Creek (ILGBKC-01), St. Joseph Creek (ILGBLB-01), Sawmill Creek/Wards Creek (ILGJ-01), & Winfield Creek (IL_GBKF-01)

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

Project Period: 09/09/15 through 07/31/17

| | | | |
|----------------------------|--------------|--------------------------------|--------|
| Total Project Cost: | \$245,000.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$147,000.00 | Federal: | \$0.00 |
| State and Local: | \$98,000.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-----------------|
| Draft Watershed Resources Inventories | 03/01/16 | No | |
| Final Watershed Resources Inventories | 05/01/16 | No | |
| Draft Watershed-based Plans | 05/01/17 | No | |
| Final Watershed-based Plans | 07/15/17 | No | |
| Draft Executive Summaries | 05/01/17 | No | |
| Final Executive Summaries | 07/15/17 | No | |
| Self-Assessment of Plans | 07/31/15 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Implementation of Watershed Monitoring Plan

Purpose: This project will implement a water quality monitoring plan and Quality Assurance Project Plan (QAPP) for the Flint Creek (IL_ DTZS-01) and Spring Creek (IL_ DTH-01) watersheds. The monitoring will 1) assess the current state of water quality resulting from nonpoint source pollution within streams and lakes; 2) assess changes in water quality to determine BMP effectiveness; and 3) assess the public social behavior related to water quality issues. Water quality monitoring will be performed by collecting physical, chemical, biological, and social indicator data related to the watershed-based plans' goals and objectives.

NPS Program: Monitoring/Evaluation

Project Location: Lake, Cook, & McHenry Counties

Waterbody Name (ID): Spring Creek (ILDTH-01) & Flint Creek (ILDTZS-01)

Subgrantee: Citizens for Conservation
459 West Highway 22
Barrington, Illinois 60010

Project Period: 08/07/15 through 07/15/16

| | | | |
|----------------------------|-------------|--------------------------------|--------|
| Total Project Cost: | \$44,230.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$18,000.00 | Federal: | \$0.00 |
| State and Local: | \$26,230.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--|------------------------|-------------------------|-----------------|
| Water Quality Monitoring Plan Implementation | 05/01/16 | No | |
| QAPP Implementation | 05/01/16 | No | |
| Monitoring Data | 07/15/16 | No | |
| Draft Project Report | 06/01/16 | No | |
| Final Project Report | 07/15/16 | No | |

Comments:

Project Reports and Other Informational Materials:

FFY15 FEDERALLY FUNDED SECTION 319 PROJECTS (WATERSHED PROJECT FUNDS)

Title: Lake Mauvaise Terre Pollutant Reduction Initiative & TMDL Implementation

Purpose: This project will construct best management practices (BMPs) to reduce nonpoint source pollution in the Lake Mauvaise Terre (IL_SDL) watershed, located in Morgan County, Illinois. BMPs will include 30 water and sediment control basins (WASCBs), 3 sediment basins, 1 pond, 1 terrace (500 feet), 100 feet of stream channel stabilization using 2 riffle systems, 2 grade stabilization structures, 7.0 acres of grassed waterways, and 2 livestock waste management systems.

NPS Program: Agriculture & Hydrologic Modification

Project Location: Morgan County

Waterbody Name (ID): Mauvaise Terre Lake (IL_SDL) & Mauvaise Terre River (ILDD-02 & ILDD-04)

Subgrantee: City of Jacksonville
200 West Douglas Avenue
Jacksonville, Illinois 62650

Project Period: 08/07/15 through 07/31/17

| | | | |
|----------------------------|--------------|--------------------------------|--------------|
| Total Project Cost: | \$687,275.00 | Cumulative Expenditure: | \$172,570.75 |
| Federal: | \$412,365.00 | Federal: | \$103,542.45 |
| State and Local: | \$274,910.00 | State and Local: | \$69,028.30 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|------------------------|
| Draft Design Specifications | 07/31/16 | No | 48 projects reviewed. |
| Final Design Specifications | 08/31/16 | No | |
| Draft Operation & Maintenance Plan | 07/31/16 | No | |
| Final Operation & Maintenance Plan | 08/31/16 | No | 15 projects completed. |
| Design Implementation | 06/30/17 | No | |
| Photo Documentation of Implementation | 07/31/17 | No | |
| Draft Project Report | 06/30/17 | No | |
| Final Project Report | 07/31/17 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Des Plaines River Watershed BMP Implementation and Planning Program

Purpose: The following watershed-based plans have been completed for sub-watersheds of the Upper and Lower Des Plaines River watershed in Lake County, Illinois: 1) North Mill Creek –Dutch Gap Canal Watershed-Based Plan; 2) Mill Creek Watershed and Flood Mitigation Plan; 3) Indian Creek Watershed Plan; and 4) Bull Creek/Bulls Brook Watershed-Based Plan. Also, the Buffalo Creek Watershed-Based Plan is currently under development for a fifth sub-watershed. This project will implement best management practices (BMPs) in the Mill Creek sub-watershed (2,150 linear feet of bioswales, 7.8 acres of grassed waterways (includes tile repair), 5 grade stabilization structures, 2.6 acres of filter strips, and 34 acres of conservation tillage) and the Bull Creek sub-watershed (250 linear feet of streambank stabilization, 2 check dams, and 810 linear feet of riparian buffer). The aforementioned watershed-based plans will be updated by integrating them under an expanded planning area for the Upper and Lower Des Plaines River (IL_G-36) watershed (HUC 0712000402, 0712000403, and that portion of 0712000405 north of, and including, the confluence of Buffalo Creek) and completing the elements of a watershed-based plan for the entire expanded planning area. Biological and chemical monitoring will also be conducted.

NPS Program: All Sources

Project Location: Lake & Cook Counties

Waterbody Name (ID): Mill Cr. (IL_GW-02), Bull Cr. (IL_GV-01), & Des Plaines R. (IL_G-36)

Subgrantee: Lake County Stormwater Management Commission
500 W. Winchester Road, Suite 201
Libertyville, Illinois 60048

Project Period: 07/28/15 through 07/31/18

| | | | |
|----------------------------|----------------|--------------------------------|--------|
| Total Project Cost: | \$1,155,724.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$658,162.00 | Federal: | \$0.00 |
| State and Local: | \$497,562.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--|------------------------|-------------------------|-----------------|
| Draft Watershed Resources Inventory | 12/31/17 | No | |
| Draft SWAAP | 06/30/17 | No | |
| Final SWAAP | 09/30/17 | No | |
| Draft Watershed-based Plan | 02/28/18 | No | |
| Final Watershed-based Plan | 05/31/18 | No | |
| Draft Executive Summary | 02/28/18 | No | |
| Final Executive Summary | 05/31/18 | No | |
| Self-Assessment of Plan | 02/28/18 | No | |
| Draft Monitoring Strategy | 01/31/16 | Yes | |
| Final Monitoring Strategy | 03/31/16 | No | |
| Complete Monitoring | 10/31/17 | No | |
| Submit Monitoring Data to Illinois EPA | 12/31/17 | No | |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---|------------------------|-------------------------|-----------------|
| MUNDELEIN PARK DISTRICT | | | |
| Draft Design Specifications | 04/30/16 | No | |
| Final Design Specifications | 06/30/16 | No | |
| Permits & Agreements | 04/30/16 | No | |
| Draft Operation & Maintenance Plan | 04/30/16 | No | |
| Final Operation & Maintenance Plan | 06/30/16 | No | |
| Design Implementation | 04/30/17 | No | |
| Photo Documentation of Implementation | 06/30/17 | No | |
| COLLEGE OF LAKE COUNTY | | | |
| Draft Design Specifications | 04/30/16 | No | |
| Final Design Specifications | 06/30/16 | No | |
| Permits & Agreements | 04/30/16 | No | |
| Draft Operation & Maintenance Plan | 04/30/16 | No | |
| Final Operation & Maintenance Plan | 06/30/16 | No | |
| Design Implementation Lots 6 & 7 | 04/30/17 | No | |
| Design Implementation Lots 2 & 3 | 08/30/17 | No | |
| Photo Documentation of Implementation | 09/30/17 | No | |
| LAKE COUNTY FOREST PRESERVE DISTRICT | | | |
| Draft Design Specifications | 04/30/16 | No | |
| Final Design Specifications | 06/30/16 | No | |
| Permits & Agreements | 04/30/16 | No | |
| Draft Operation & Maintenance Plan | 04/30/16 | No | |
| Final Operation & Maintenance Plan | 06/30/16 | No | |
| Design Implementation | 04/30/17 | No | |
| Photo Documentation of Implementation | 06/30/17 | No | |
| Draft Education Strategy | 09/30/15 | Yes | |
| Final Education Strategy | 11/15/15 | Yes | |
| Complete Implementation of Education Strategy | 05/31/18 | No | |
| Project Sign Design | 12/31/15 | Yes | |
| Install Project Sign | 08/30/17 | No | |
| Draft Project Report | 04/30/18 | No | |
| Final Project Report | 06/30/18 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Cedar Lake BMP Implementation - Gully & Shoreline Stabilization

Purpose: This project will stabilize 7,100 feet of eroding gullies and 12,200 feet of eroding shoreline on Cedar Lake (IL_RNE), an impoundment on Cedar Creek (IL_NA-01) in Jackson County, Illinois. The eroding shoreline will be stabilized through the use of stone riprap off-shore breakwater structures with on-shore revetment where shoreline configuration dictates. The project also includes informational signs, a brochure, tours, and other educational activities.

NPS Program: Hydrologic Modification & Agriculture

Project Location: Jackson County

Waterbody Name (ID): Cedar Lake (IL_RNE) & Cedar Creek (IL_NA-01)

Subgrantee: City of Carbondale
200 South Illinois Avenue
Carbondale, Illinois 62902

Project Period: 08/07/15 through 07/31/17

| | | | |
|----------------------------|----------------|--------------------------------|--------|
| Total Project Cost: | \$1,257,880.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$750,000.00 | Federal: | \$0.00 |
| State and Local: | \$507,880.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-----------------|
| Draft Design Specifications | 07/31/16 | No | |
| Final Design Specifications | 08/31/16 | No | |
| Draft Operation & Maintenance Plan | 07/31/16 | No | |
| Final Operation & Maintenance Plan | 08/31/16 | No | |
| Design Implementation | 06/30/17 | No | |
| Photo Documentation of Implementation | 07/31/17 | No | |
| Draft Education Work Strategy | 10/31/15 | No | |
| Final Education Work Strategy | 11/30/15 | No | |
| Implement Education Work Strategy | 11/01/16 | No | |
| Draft Project Report | 06/30/17 | No | |
| Final Project Report | 07/31/17 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Permeable Paver BMPs - Athletic Recreation Center

Purpose: This project will construct a 2.27 acre (99,000 square feet) permeable pavement parking lot at the Woodridge Park District's new Athletic Recreation Center in Woodridge, Illinois. The permeable pavement parking lot will be constructed over an 18 inch layer of open-graded stone that will serve as the structural base as well as provide temporary storage of runoff. The permeable pavement parking lot will reduce stormwater volume and nonpoint source pollution discharged to the East Branch of the DuPage River (IL_GBL-02), via an unnamed tributary, from the Athletic Recreation Center.

NPS Program: Urban Runoff

Project Location: DuPage County

Waterbody Name (ID): East Branch of the DuPage River (IL_GBL-02)

Subgrantee: Woodridge Park District
2600 Center Drive
Woodridge, Illinois 60517

Project Period: 07/14/15 through 07/15/17

| | | | |
|----------------------------|--------------|--------------------------------|--------|
| Total Project Cost: | \$725,165.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$362,582.00 | Federal: | \$0.00 |
| State and Local: | \$362,583.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-----------------|
| Draft Design Specifications | 08/01/15 | Yes | |
| Final Design Specifications | 09/01/15 | Yes | |
| Draft Permits & Agreements | 08/01/15 | Yes | |
| Final Permits & Agreements | 09/01/15 | Yes | |
| Draft Operation & Maintenance Plan | 08/01/15 | Yes | |
| Final Operation & Maintenance Plan | 09/01/15 | Yes | |
| Design Implementation | 05/31/17 | No | |
| Photo Documentation of Implementation | 07/15/15 | No | |
| Project Sign Design | 07/31/15 | Yes | |
| Install Project Sign | 08/31/15 | Yes | |
| Draft Project Report | 05/31/17 | No | |
| Final Project Report | 07/15/17 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Crabtree Creek Corridor Stabilization Project

Purpose: This project will stabilize approximately 1,223 feet of eroding streambank and 120 feet of eroding streambed and established a native vegetative buffer (0.45 acres) over two segments of Crabtree Creek, a tributary to the East Branch of the DuPage River (IL_GBL-02), in the Village of Woodridge. At the upstream site, best management practices (BMPs) will include approximately 443 feet of streambank stabilization using stone toe protection, bank re-grading, nine rock points, native riparian vegetation and other measures; 80 feet of stream channel stabilization using three rock riffle grade control structures; and 0.18 acres of native plant buffer. At the downstream site, best management practices (BMPs) will include approximately 780 feet of streambank stabilization using stone toe protection, bank re-grading, rock points, native riparian vegetation, 150 feet of gabion basket and other measures; 40 feet of stream channel stabilization using four rock riffle grade control structures; and 0.27 acres of native plant buffer.

NPS Program: Hydrologic Modification

Project Location: DuPage County

Waterbody Name (ID): East Branch of the DuPage River (IL_GBL-02)

Subgrantee: Woodridge Park District
2600 Center Drive
Woodridge, Illinois 60517

Project Period: 07/14/15 through 07/15/17

| | | | |
|----------------------------|--------------|--------------------------------|--------|
| Total Project Cost: | \$282,736.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$167,242.00 | Federal: | \$0.00 |
| State and Local: | \$115,494.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-----------------|
| Draft Design Specifications | 08/01/15 | Yes | |
| Final Design Specifications | 09/01/15 | No | |
| Draft Permits & Agreements | 11/01/15 | Yes | |
| Final Permits & Agreements | 12/01/15 | No | |
| Draft Operation & Maintenance Plan | 08/01/15 | Yes | |
| Final Operation & Maintenance Plan | 09/01/15 | No | |
| Design Implementation | 05/31/17 | No | |
| Photo Documentation of Implementation | 07/15/17 | No | |
| Project Sign Design | 07/31/15 | No | |
| Install Project Sign | 08/31/15 | No | |
| Draft Project Report | 05/31/17 | No | |
| Final Project Report | 07/15/17 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Shaw Property – Nippersink Creek Stream Corridor Enhancement

Purpose: This project will implement best management practices recommended in the Nippersink Creek Watershed Plan (2008). The project includes both streambank (800 feet) and stream channel (low-water crossing) stabilization, along with installation of a filter strip (0.4 acres). The project site (approx. 26 acres) will be put into a permanent easement – to be held by The Land Conservancy of McHenry County. The project will also include outreach through Web page news releases on the Nippersink Watershed Association (NWA) site and the Land Conservancy Web site.

NPS Program: Hydrologic Modification & Agriculture

Project Location: McHenry County

Waterbody Name (ID): Nippersink Creek (IL_DTK-06) & Wonder Lake (IL_RTZC)

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

Project Period: 07/16/15 through 07/15/17

| | | | |
|----------------------------|--------------|--------------------------------|-------------|
| Total Project Cost: | \$195,000.00 | Cumulative Expenditure: | \$32,166.00 |
| Federal: | \$117,000.00 | Federal: | \$2,166.00 |
| State and Local: | \$78,000.00 | State and Local: | \$30,000.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-------------------------|
| Easement Information | 09/01/15 | Yes | |
| Draft Easement | 10/15/15 | Yes | |
| Executed Easement | 02/01/16 | Yes | |
| Draft Design Specifications | 09/01/15 | No | Progress is being made. |
| Final Design Specifications | 10/01/15 | No | |
| Draft Operation & Maintenance Plan | 09/01/15 | No | Progress is being made. |
| Final Operation & Maintenance Plan | 10/01/15 | No | |
| Design Implementation | 11/01/16 | No | |
| Photo Documentation of Implementation | 12/01/16 | No | |
| Project Sign Design | 09/01/15 | No | |
| Install Project Sign | 11/01/16 | No | |
| Draft Project Report | 10/15/16 | No | |
| Final Project Report | 12/01/16 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Making the Nitrogen Fall in Season

Purpose: This project will develop and implement a Nutrient Loss Reduction Strategy (Strategy) that will result in a minimum of 22,000 acres of cropland being treated with post emergence nitrogen application; a minimum of 2,500 acres of cropland being treated with strip-till; and a minimum of 4,000 acres of cropland being treated with cover crops over the course of the project period. Ten (10) side dress tillage bars and two (2) strip-till units will be leased to farmers to be use on tillable cropland acreage in Champaign and Vermilion Counties in Illinois. These leased units will be used to reduce nutrient runoff and nonpoint source pollution contributions discharging into the Upper Salt Fork (IL_BPJG-01) and the Salt Fork of the Vermillion River (IL_BPJ-08) in HUCs 0512010902, 0512010903, and 0512010906. Nutrient management plans will be developed on cropland in which practices have been implemented.

NPS Program: Agriculture

Project Location: Champaign & Vermilion Counties

Waterbody Name (ID): Upper Salt Fork (IL_BPJG-01) & Salt Fork of the Vermillion River (IL_BPJ-08)

Subgrantee: Champaign County SWCD
2110 West Park Court, Suite C
Champaign, Illinois 61821

Project Period: 07/16/15 through 07/31/18

| | | | |
|----------------------------|----------------|--------------------------------|--------------|
| Total Project Cost: | \$1,579,432.00 | Cumulative Expenditure: | \$212,243.12 |
| Federal: | \$595,672.00 | Federal: | \$114,407.92 |
| State and Local: | \$983,760.00 | State and Local: | \$97,835.20 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|--|------------------------|-------------------------|-----------------|
| Draft Nutrient Loss Reduction Strategy | 07/31/15 | Yes | |
| Final Nutrient Loss Reduction Strategy | 08/31/15 | Yes | |
| 7,000 acres of post emergence nitrogen application | 07/01/16 | No | |
| 2,500 acres of strip-till | 07/01/16 | No | |
| 4,000 acres of cover crops | 07/01/16 | No | |
| Complete Implementation of Strategy | 07/01/18 | No | |
| Annual Report | 07/01/16 | No | |
| Annual Report | 07/01/17 | No | |
| Annual Report | 07/01/18 | No | |
| Draft Project Report | 06/30/18 | No | |
| Final Project Report | 07/31/18 | No | |

Comments:

Project Reports and Other Informational Materials:

Title: Columbine Boulevard Bioswale

Purpose: This project will reduce nonpoint source pollution by converting an existing turf median on Columbine Boulevard in Rockford, Illinois into a 1,300 foot long bioswale (32,500 square feet) to reduce nonpoint source pollution discharged to an unnamed tributary of Madigan Creek, which is a tributary of the Kishwaukee River (IL_PQ-02) in HUC 070900060802. The bioswale will be seeded with native plantings designed to filter, retain, and infiltrate stormwater. The top six inches of existing soil will be removed and replaced with a bioengineered soil to provide additional stormwater storage and facilitate infiltration of water into the underlying soils. A three foot wide stone infiltration trench will also be installed under the redesigned swale.

NPS Program: Urban Runoff

Project Location: Winnebago County

Waterbody Name (ID): Madigan Creek & Kishwaukee River (IL_PQ-02)

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

Project Period: 09/09/15 through 07/15/17

| | | | |
|----------------------------|--------------|--------------------------------|--------|
| Total Project Cost: | \$104,953.00 | Cumulative Expenditure: | \$0.00 |
| Federal: | \$52,477.00 | Federal: | \$0.00 |
| State and Local: | \$52,476.00 | State and Local: | \$0.00 |

| Project Milestone | Completion Date | Completed Yes/No | Comments |
|---------------------------------------|------------------------|-------------------------|-----------------|
| Draft Design Specifications | 10/31/15 | Yes | |
| Final Design Specifications | 12/31/15 | No | |
| Draft Permits & Agreements | 10/31/15 | Yes | |
| Final Permits & Agreements | 12/31/15 | No | |
| Draft Operation & Maintenance Plan | 10/31/15 | Yes | |
| Final Operation & Maintenance Plan | 12/31/15 | No | |
| Design Implementation | 01/31/17 | No | |
| Photo Documentation of Implementation | 07/15/17 | No | |
| Project Sign Design | 10/31/15 | No | |
| Install Project Sign | 03/31/16 | No | |
| Draft Project Report | 05/31/17 | No | |
| Final Project Report | 07/15/17 | No | |

Comments:

Project Reports and Other Informational Materials: