

State of Illinois

Environmental Protection Agency



Water Quality Management Planning Grants Section 604b Biannual Report

For Grants Issued After Federal Fiscal Year 2010

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



September 2020

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ILLINOIS WATER QUALITY MANAGEMENT PLAN

The [Illinois Water Quality Management Plan](#) (WQMP) was originally prepared in November of 1982. Sections 106, 205(j), 208, and 303 of the Clean Water Act were consolidated into an integrated process that required the development and maintenance of the WQMP. The WQMP consolidates and streamlines the three areawide water quality management plans (covering 19 counties) with the State plan (covering the remaining 83 counties) in order to facilitate their usage in operations in a statewide effort for the achievement of water quality goals. The WQMP represents a joint effort by the State and three regional agencies with Water Quality Management (WQM) planning responsibilities. The three regional agencies involved are: Chicago Metropolitan Agency for Planning (CMAP - formerly Northeastern Illinois Planning Commission), the Southwestern Illinois Metropolitan and Regional Planning Commission (SIMRPC), and Greater Egypt Regional Planning and Development Commission (GERPDC).

There were several reasons that promoted the unifying of existing State and areawide plans. The first was the need to compile existing WQM plans in a convenient administrative format. At the State level, there was a need to improve the process of WQMP consistency review for National Pollutant Discharge Elimination System (NPDES) permit and wastewater funding determinations. For local officials there was a need to clearly define designated management agency responsibility and highlight recommendations for further action. This was a necessary step in the continuing process of WQMP implementation. A second reason for WQMP consolidation was to provide an orderly transition from plan development to implementation of programs.

The WQMP consists of initial plans produced in accordance with sections 208 and 303(e) of the Clean Water Act and certified and approved updates to the WQMP. Continuing water quality planning is based upon the WQMP and water quality problems identified in the latest biennial [Illinois Integrated Water Quality Report](#) required by Section 305(b) and 303(d) of the Clean Water Act. The WQMP focuses on priority issues and geographic areas and on the development of water quality controls leading to implementation measures.

The WQMP also incorporates the following:

- approved facilities plans;
- [approved watershed-based plans](#);
- [approved total maximum daily loads and associated implementation plans](#);
- [Illinois' Continuing Planning Process](#);
- [Illinois Integrated Water Quality Report and Section 303\(d\) List](#);
- [Performance Partnership Agreement Between Illinois EPA and Region 5, USEPA](#);
- [Illinois Water Monitoring Strategy](#);
- Illinois Fish Contaminant Monitoring Program;
- [Illinois' Nonpoint Source Management Program](#);
- Illinois Groundwater Protection Program Report; and
- NPDES permits excluding industrial process, thermal, and non-contact cooling water NPDES permits.

The WQMP addresses the control of pollution sources, maintenance of stream use and water quality standards, protection of ground water resources, and control of hydrologic modifications. In addition to the assurance of sound economic and environmental decision making, the WQMP is also intended to serve as a tool to protect the Federal and State investment in pollution

control facilities. The original WQMP has been frequently amended to reflect specific changes in various program elements.

The WQMP is used to direct implementation of Illinois' point and nonpoint source water pollution control programs. The WQMP draws upon water quality assessments to identify priority point and nonpoint source water quality problems, consider alternative solutions, and recommend control measures, including the financial and institutional measures necessary for implementing recommended solutions.

The WQMP is updated as needed to reflect changing water quality conditions, results of implementation actions, new requirements, or to remove conditions in prior conditional or partial plan approvals. The State Continuing Planning Process (CPP) specifies the process and schedule used to revise the WQMP.

WATER QUALITY MANAGEMENT PLANNING GRANTS

Section 205(j) (1) of the Clean Water Act directs states to conduct WQM planning and Section 604(b) establishes the funding authority. Actual funds are derived from State Revolving Fund appropriations under Title VI of the Clean Water Act, using a legislatively mandated formula. Under Section 604b of the Clean Water Act, USEPA provides grants to states to assist in carrying out WQM planning. Grant funds may be used to determine the nature and extent of point and nonpoint source water pollution and to develop water quality management plans.

Section 205(j) (3) requires, with certain exceptions, that at least 40 percent of the WQM planning grant funds awarded to the state be allocated as pass-through grants to regional public comprehensive planning organizations (RPCPOs) and “appropriate interstate organizations.”

The following table summarizes the grant funds that have been awarded to the Illinois EPA under Section 604b of the Clean Water Act each federal fiscal year since 2011.

Funding Awarded to Illinois EPA Under Section 604b Since 2011

FFY	Grant No.	Award Date	Budget Period Start Date	Budget Period End Date	Award Amount	Amount Awarded to RPCPOs	% Awarded to RPCPOs	Total No. of Projects	No. of Projects Complete
2011	C699591110	03/05/12	01/01/12	12/31/14	\$675,000	\$517,500	77	5	5
2012	C699591111	09/24/12	10/01/12	09/30/15	\$646,000	\$546,000	85	4	4
2013	C699591112	08/19/13	10/01/13	09/30/16	\$610,000	\$244,000	40	3	3
2014	C699591113	06/18/14	10/01/14	09/30/17	\$641,000	\$541,000	84	4	3
2015	C699591114	05/13/15	10/01/15	07/31/18	\$637,000	\$256,400	40	3	3
2016	C699591115	06/02/16	07/01/16	06/30/19	\$610,000	\$400,000	66	4	4
2017	C699591116	08/03/17	07/01/17	06/30/20	\$606,000	\$333,061	55	4	4
2018	C699591117	09/05/18	07/01/18	06/30/21	\$797,944	\$423,000	53	5	1
2019	C699591118	07/18/19	07/01/19	06/30/22	\$826,000	\$444,379	54	4	0
	Totals				\$6,048,944			36	27

FY11 FEDERALLY FUNDED SECTION 604b PROJECTS

Title: Water Quality Management Planning

Purpose: The Chicago Metropolitan Agency for Planning (CMAP) conducted WQMP consistency reviews of domestic wastewater NPDES permits, facility plans and specified construction and operating permits for sewers, lift stations, wastewater land treatment systems, and appurtenances. CMAP also prepared a water quality report highlighting relevant water quality issues and activities in which CMAP participated.

Project Location: Northeastern Illinois

Subgrantee: Chicago Metropolitan Agency for Planning
233 South Wacker Drive, Suite 800
Chicago, Illinois 60606-6097

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

604b Grant Amount: \$177,000.00 **Cumulative Expenditure:** \$177,000.00

Project Milestone	Completion Date	Completed Yes/No	Comments
WQM Plan Consistency Reviews	12/31/12	Yes	
FPA Base Maps & Point Source Tabular Accounts	11/15/12	Yes	
Draft Areawide WQ Activities Report	11/30/12	Yes	
Final Areawide WQ Activities Report	12/31/12	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

["Water Quality Activities Report."](#) December 2012. Chicago Metropolitan Agency for Planning.

Title: Water Quality Management Planning

Purpose: The Southwestern Illinois Metropolitan and Regional Planning Commission (SIMRPC) conducted WQMP consistency reviews of domestic wastewater NPDES permits, facility plans and specified construction and operating permits for sewers, lift stations, wastewater land treatment systems, and appurtenances. SIMRPC provided review of Illinois Department of Mines and Minerals permit applications for NPDES and Federal surface mining permits for new or existing mining operations in the following counties: Madison, Monroe, St. Clair, Washington, Bond, Clinton, and Randolph. SIMRPC also conducted specific outreach activities to educate community leaders, government officials, and the general public on the various forms of nonpoint source pollution, their impacts on the environment, methods for reducing nonpoint source pollution, the importance of water quality protection, and watershed principles.

Project Location: Southwestern Illinois

Subgrantee: Southwestern Illinois Metropolitan & Regional Planning Commission
2511 Vandalia
Collinsville, Illinois 62234

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

604b Grant Amount: \$60,000.00 **Cumulative Expenditure:** \$60,000.00

Project Milestone	Completion Date	Completed Yes/No	Comments
WQM Plan Consistency Reviews	12/31/12	Yes	
FPA Base Maps & Point Source Tabular Accounts	11/15/12	Yes	
Draft Outreach Strategy	02/01/10	Yes	
Final Outreach Strategy	03/15/10	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

Title: Water Quality Management Planning

Purpose: The Greater Egypt Regional Planning and Development Commission (GERPDC) conducted WQMP consistency reviews of domestic wastewater NPDES permits, facility plans and specified construction and operating permits for sewers, lift stations, wastewater land treatment systems, and appurtenances. GERPDC provided review of Illinois Department of Mines and Minerals permit applications for NPDES and Federal surface mining permits for new or existing mining operations in the following counties: Franklin, Gallatin, Hamilton, Hardin, Jefferson, Jackson, Perry, Pope, Saline, and Williamson. GERPDC also administered the Volunteer Lake Monitoring Program (VLMP) and coordinated VLMP activities for all lakes in the following counties: Alexander, Franklin, Gallatin, Hamilton, Hardin, Jackson, Jefferson, Johnson, Massac, Perry, Pope, Pulaski, Saline, Union and Williamson.

Project Location: Southern Illinois

Subgrantee: Greater Egypt Regional Planning & Development Commission
3000 West De Young Street, Suite 800 B-3
Marion, Illinois 62959

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

604b Grant Amount: \$30,500.00 **Cumulative Expenditure:** \$30,500.00

Project Milestone	Completion Date	Completed Yes/No	Comments
WQM Plan Consistency Reviews	12/31/12	Yes	
FPA Base Maps & Point Source Tabular Accounts	11/15/12	Yes	
VLMP Training	05/31/12	Yes	
Data Entry – Monitoring Form Information	12/31/12	Yes	
Forward Copies of Monitoring Forms	12/31/12	Yes	
VLMP Annual Report	10/31/12	Yes	
Lake Festival	10/31/12	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

Title: Watershed-Based Plan & TMDL Implementation Planning

Purpose: This project developed a watershed-based plan for the 9 Lakes watershed (Hydrologic Unit Code 071200061103 and that part of Hydrologic Unit Code 071200061105 east of the Fox River) that was designed to improve water quality by controlling nonpoint source pollution. The plan is consistent with the 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.

Project Location: Lake and McHenry counties

Subgrantee: Chicago Metropolitan Agency for Planning
233 South Wacker Drive, Suite 800
Chicago, Illinois 60606-6097

Project Period: 05/15/12 through 08/01/14

604b Grant Amount: \$250,000.00 **Cumulative Expenditure:** \$250,000.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Resources Inventory	09/01/13	Yes	
Final Watershed Resources Inventory	10/01/13	Yes	
Draft Watershed-based Plan	04/01/14	Yes	
Final Watershed-based Plan	06/01/14	Yes	
Draft Executive Summary	04/01/14	Yes	
Final Executive Summary	06/01/14	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

["9 Lakes Watershed-based Plan."](#) June 2014. Chicago Metropolitan Agency for Planning.

["9 Lakes Watershed-based Plan – Executive Summary."](#) June 2014. Chicago Metropolitan Agency for Planning.

Title: Lake Decatur Watershed-TMDL Implementation Planning

Purpose: This project developed watershed-based plans for the Big Creek/Long Creek watershed (Hydrologic Unit Codes 071300060409 & 071300060406) and Big Ditch watershed (Hydrologic Unit Codes 071300060202 & 071300060203), both sub-watersheds of Lake Decatur, that are designed to improve water quality by controlling nonpoint source pollution. The plans are consistent with the 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.

Project Location: Macon and Champaign counties

Subgrantee: Agricultural Watershed Institute
4004 College Park Road
Decatur, Illinois 62531-6207

Project Period: 04/02/12 through 08/31/14

604b Grant Amount: \$143,165.21 **Cumulative Expenditure:** \$143,165.21

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Big Creek Watershed Resources Inventory	02/19/13	Yes	
Final Big Creek Watershed Resources Inventory	12/09/13	Yes	
Draft Big Creek Watershed-based Plan	06/20/14	Yes	
Final Big Creek Watershed-based Plan	08/31/14	Yes	
Draft Big Ditch Watershed Resources Inventory	05/06/13	Yes	
Final Big Ditch Watershed Resources Inventory	01/14/14	Yes	
Draft Big Ditch Watershed-based Plan	06/20/14	Yes	
Final Big Ditch Watershed-based Plan	08/31/14	Yes	
Final BMP Scenarios Technical Report	05/31/14	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

["Big/Long Creek Watershed TMDL Implementation Plan."](#) August 31, 2014. Agricultural Watershed Institute and Northwater Consulting.

["Big Ditch Watershed TMDL Implementation Plan."](#) August 31, 2014. Agricultural Watershed Institute, Northwater Consulting, and Champaign County Soil & Water Conservation District.

"Decision Support Model for Generating Optimal Alternative Scenarios of Watershed Best Management Practices." May 2014. Illinois State Water Survey, Prairie Research Institute, and University of Illinois at Urbana-Champaign.

FY12 FEDERALLY FUNDED SECTION 604b PROJECTS

Title: Water Quality Management Planning

Purpose: The Chicago Metropolitan Agency for Planning (CMAP) conducted WQMP consistency reviews of domestic wastewater NPDES permits, facility plans and specified construction and operating permits. CMAP administered the Volunteer Lake Monitoring Program (VLMP) and coordinated VLMP activities for lakes in the following counties: Cook, Du Page, Kane, Kendall, McHenry and Will. An update of the [Thorn Creek Watershed Based Plan](#) (December 2005) was developed. CMAP also prepared a brief water quality report highlighting relevant water quality issues and activities in which CMAP participated.

Project Location: Northeastern Illinois

Subgrantee: Chicago Metropolitan Agency for Planning
233 South Wacker Drive, Suite 800
Chicago, Illinois 60606-6097

Project Period: 01/02/13 through 12/31/14

604b Grant Amount: \$365,000.00 **Cumulative Expenditure:** \$365,000.00

Project Milestone	Completion Date	Completed Yes/No	Comments
WQM Plan Consistency Reviews	12/31/14	Yes	
FPA Base Maps & Point Source Tabular Accounts	11/15/14	Yes	
2013 Final Areawide WQ Activities Report	12/31/13	Yes	
2014 Final Areawide WQ Activities Report	12/31/14	Yes	
2013 VLMP Training	05/31/13	Yes	
2013 Data Entry – Monitoring Form Information	12/31/13	Yes	
Forward Copies of 2013 Monitoring Forms	12/31/13	Yes	
2013 VLMP Annual Report	10/31/13	Yes	
2013 Lake Festival	10/31/13	Yes	
2014 VLMP Training	05/31/14	Yes	
2014 Data Entry – Monitoring Form Information	12/31/14	Yes	
Forward Copies of 2014 Monitoring Forms	12/31/14	Yes	
2014 VLMP Annual Report	10/31/14	Yes	
2014 Lake Festival	10/31/14	Yes	
Final Thorn Creek WBP Update	12/01/14	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

[“Water Quality Activities Report.”](#) December 2013. Chicago Metropolitan Agency for Planning.

[“Water Quality Activities Report.”](#) December 2014. Chicago Metropolitan Agency for Planning.

[“Thorn Creek Watershed Based Plan Addendum.”](#) December 2014. Geosyntec Consultants, Inc. and Chicago Metropolitan Agency for Planning.

Title: Water Quality Management Planning

Purpose: The Southwestern Illinois Metropolitan and Regional Planning Commission (SIMRPC) conducted WQMP consistency reviews of domestic wastewater NPDES permits, facility plans and specified construction and operating permits for sewers, lift stations, wastewater land treatment systems, and appurtenances. SIMRPC provided review of Illinois Department of Mines and Minerals permit applications for NPDES and Federal surface mining permits for new or existing mining operations in the following counties: Madison, Monroe, St. Clair, Washington, Bond, Clinton, and Randolph. SIMRPC provided assistance to and attended meetings at the request of other federal, state and local agencies involved in WQMP project and program planning.

Project Location: Southwestern Illinois

Subgrantee: Southwestern Illinois Metropolitan & Regional Planning Commission
2511 Vandalia
Collinsville, Illinois 62234

Project Period: 10/16/12 through 12/31/14

604b Grant Amount: \$120,000.00 **Cumulative Expenditure:** \$96,447.00

Project Milestone	Completion Date	Completed Yes/No	Comments
WQM Plan Consistency Reviews	12/31/14	Yes	
FPA Base Maps & Point Source Tabular Accounts	11/15/14	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

Title: Water Quality Management Planning

Purpose: The Greater Egypt Regional Planning and Development Commission (GERPDC) conducted WQMP consistency reviews of domestic wastewater NPDES permits, facility plans and specified construction and operating permits for sewers, lift stations, wastewater land treatment systems, and appurtenances. GERPDC provided review of Illinois Department of Mines and Minerals permit applications for NPDES and Federal surface mining permits for new or existing mining operations in the following counties: Franklin, Gallatin, Hamilton, Hardin, Jefferson, Jackson, Perry, Pope, Saline, and Williamson. GERPDC also administered the Volunteer Lake Monitoring Program (VLMP) and coordinated VLMP activities for all lakes in the following counties: Alexander, Franklin, Gallatin, Hamilton, Hardin, Jackson, Jefferson, Johnson, Massac, Perry, Pope, Pulaski, Saline, Union and Williamson.

Project Location: Southern Illinois

Subgrantee: Greater Egypt Regional Planning & Development Commission
3000 West De Young Street, Suite 800 B-3
Marion, Illinois 62959

Project Period: 10/17/12 through 12/31/14

604b Grant Amount: \$49,244.16 **Cumulative Expenditure:** \$49,244.16

Project Milestone	Completion Date	Completed Yes/No	Comments
WQM Plan Consistency Reviews	12/31/14	Yes	
FPA Base Maps & Point Source Tabular Accounts	11/15/14	Yes	
2013 VLMP Training	05/31/13	Yes	
2013 Data Entry – Monitoring Form Information	12/31/13	Yes	
Forward Copies of 2013 Monitoring Forms	12/31/13	Yes	
2013 VLMP Annual Report	10/31/13	Yes	
2013 Lake Festival	10/31/13	Yes	
2014 VLMP Training	05/31/14	Yes	
2014 Data Entry – Monitoring Form Information	12/31/14	Yes	
Forward Copies of 2014 Monitoring Forms	12/31/14	Yes	
2014 VLMP Annual Report	10/31/14	Yes	
2014 Lake Festival	10/31/14	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

Title: Water Quality Planning and Technical Assistance

Purpose: The Illinois Department of Agriculture (IDA) hired qualified professional subcontractors to provide technical assistance to Soil and Water Conservation Districts (SWCDs) and landowners for the development of design specifications for best management practices (BMPs) proposed for implementation under the Streambank Stabilization & Restoration Program (SSRP). The subcontractors also provided technical assistance for construction oversight of said practices. A database(s) was developed of the BMPs that have been implemented under the IDA's Conservation Practices Program, SSRP, and Well Decommissioning Program. For each implemented BMP, the database(s) identified the associated funding program, completion date, size of the BMP (measured in acres, feet, or numbers), location of the BMP (in latitude and longitude), IDA cost-share amount, and estimated pollutant load reductions. In cooperation with Illinois EPA and the University of Illinois, the IDA assisted with the input or upload of these data into the Resource Management Mapping Service (RMMS) website located at www.rmms.illinois.edu.

Project Location: Statewide

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

Project Period: 11/05/12 through 12/31/14

604b Grant Amount: \$100,000.00 **Cumulative Expenditure:** \$100,000.00

Project Milestone	Completion Date	Completed Yes/No	Comments
SSRP Technical Assistance			
Provide SSRP Technical Assistance	12/31/14	Yes	
Draft Database(s)	10/01/13	Yes	
Final Database(s)	12/31/13	Yes	
Annual Database(s) Update	12/31/14	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

FY13 FEDERALLY FUNDED SECTION 604b PROJECTS

Title: Boone-Dutch Creek Watershed-based Plan

Purpose: This project developed a watershed-based plan for the Boone-Dutch Creek (IL_DTZT-02 - IL_DTN) watershed (HUC 071200061101 and that part of HUC 071200061102 west of the Fox River), a tributary of the Fox River (IL_DT-23) that is designed to improve water quality by controlling nonpoint source pollution. This effort updated the *Watershed Protection and Restoration Strategy for Boone Creek* completed in 2003 in order to create a plan that meets USEPA's 9 Minimum Elements of a Watershed-based Plan. The plan is consistent with the 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, and current watershed planning principles.

Project Location: McHenry County

Subgrantee: Chicago Metropolitan Agency for Planning
233 South Wacker Drive, Suite 800
Chicago, Illinois 60606-6097

Project Period: 09/04/13 through 07/15/16

604b Grant Amount: \$244,000.00 **Cumulative Expenditure:** \$244,000.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Resources Inventory	12/01/14	Yes	
Final Watershed Resources Inventory	07/01/15	Yes	
Draft Watershed-based Plan	12/01/15	Yes	
Final Watershed-based Plan	12/31/15	Yes	
Draft Executive Summary	12/01/15	Yes	
Final Executive Summary	12/31/15	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Boone-Dutch Creek Watershed-based Plan - Executive Summary." March 2016. Chicago Metropolitan Agency for Planning.

["Boone-Dutch Creek Watershed-based Plan."](#) March 2016. Chicago Metropolitan Agency for Planning.

Title: Upper Silver Creek Watershed-based Plan

Purpose: This project developed a watershed-based plan for the Upper Silver Creek (IL_OD-06) watershed (HUC 071402040501, 071402040502, 071402040503, 071402040504, 071402040505, 071402040506, and that part of 071402040509 north of St. Clair County) that is designed to improve water quality by controlling nonpoint source pollution. The plan is consistent with the 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, and current watershed planning principles.

Project Location: Madison and Macoupin counties

Subgrantee: HeartLands Conservancy
406 East Main Street
Mascoutah, Illinois 62258

Project Period: 09/16/13 through 12/31/15

604b Grant Amount: \$146,000.00 **Cumulative Expenditure:** \$145,999.95

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Resources Inventory	09/30/14	Yes	
Final Watershed Resources Inventory	10/31/14	Yes	
Draft Watershed-based Plan	09/01/15	Yes	
Final Watershed-based Plan	11/01/15	Yes	
Draft Executive Summary	09/01/15	Yes	
Final Executive Summary	11/01/15	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

<http://www.heartlandsconservancy.org/UpperSilverCreek/>

["Upper Silver Creek Watershed-Based Plan - A Guide to Protecting and Restoring Watershed Health."](#) November 2015. HeartLands Conservancy.

Title: Illinois Urban Manual Update & NPS Program Assistance

Purpose: The Association of Illinois Soil & Water Conservation Districts (AISWCD) provided educational, informational and technical assistance to Soil and Water Conservation Districts (SWCDs), agricultural producers, urban communities and other interested parties to help them better understand programs implemented under Sections 319(h), 305(b) and 303(d) of the Clean Water Act, the Illinois Clean Lakes Program, and the Illinois Green Infrastructure Grant Program for Stormwater Management (IGIG). Technical assistance was provided to entities that are either undertaking watershed-based planning initiatives or implementation of Illinois EPA-approved watershed-based plans. This project also systematically updated the nonpoint source pollution control practice standards contained in the [Illinois Urban Manual \(IUM\)](#).

Project Location: Statewide

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

Project Period: 08/21/13 through 07/15/16

604b Grant Amount: \$217,300.00 **Cumulative Expenditure:** \$217,300.00

Project Milestone	Completion Date	Completed Yes/No	Comments
NPS Program Implementation Assistance	07/15/16	Yes	
IUM Coordination Assistance	07/15/16	Yes	
Watershed Management Coordination Assistance	07/15/16	Yes	
Propose 5 New or Updated Practice Standards	08/01/14	Yes	
Complete 5 New or Updated Practice Standards	09/01/15	Yes	
Draft Project Report	06/01/16	Yes	
Final Project Report	07/15/16	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Final Report - Illinois Urban Manual Update & NPS Program Assistance.” July 2016.
Association of Illinois Soil & Water Conservation Districts.

FY14 FEDERALLY FUNDED SECTION 604b PROJECTS

Title: Water Quality Management Planning

Purpose: The Chicago Metropolitan Agency for Planning (CMAP) conducted WQMP consistency reviews of domestic wastewater NPDES permits, facility plans and specified construction and operating permits for sewers, lift stations, wastewater land treatment systems, and appurtenances. CMAP administered the Volunteer Lake Monitoring Program (VLMP) and coordinated VLMP activities for all lakes in the following counties: Cook, Du Page, Kane, Kendall, McHenry and Will. CMAP also prepared a brief water quality report highlighting relevant water quality issues and activities in which CMAP participated.

Project Location: Northeastern Illinois

Subgrantee: Chicago Metropolitan Agency for Planning
233 South Wacker Drive, Suite 800
Chicago, Illinois 60606-6097

Project Period: 01/01/15 through 12/31/16

604b Grant Amount: \$360,000.00 **Cumulative Expenditure:** \$359,783.28

Project Milestone	Completion Date	Completed Yes/No	Comments
WQM Plan Consistency Reviews	12/31/16	Yes	
FPA Base Maps & Point Source Tabular Accounts	11/15/16	Yes	
Draft Areawide WQ Activities Report	11/30/16	Yes	
Final Areawide WQ Activities Report	12/31/16	Yes	
2015 VLMP Training	05/31/15	Yes	
2015 Data Entry – Monitoring Form Information	11/15/15	Yes	
Forward Copies of 2015 Monitoring Forms	11/15/15	Yes	
2015 VLMP Annual Report	10/31/15	Yes	
2015 Lake Festival	10/31/15	Yes	
2016 VLMP Training	05/31/16	Yes	
2016 Data Entry – Monitoring Form Information	11/15/16	Yes	
Forward Copies of 2016 Monitoring Forms	11/15/16	Yes	
2016 VLMP Annual Report	10/31/16	Yes	
2016 Lake Festival	10/31/16	Yes	
Grant Guidelines and Application	04/01/15	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Water Quality Activities Report.” December 2016. Chicago Metropolitan Agency for Planning.

Title: Water Quality Management Planning

Purpose: The Southwestern Illinois Metropolitan and Regional Planning Commission (SIMRPC) will conducted WQMP consistency reviews of domestic wastewater NPDES permits, facility plans and specified construction and operating permits for sewers, lift stations, wastewater land treatment systems, and appurtenances. SIMRPC will provide assistance to and attend meetings at the request of other federal, state and local agencies involved in WQMP project and program planning. SIMRPC will provide technical assistance and/or a regional coordination role to entities that are either undertaking watershed planning initiatives or implementation of Illinois EPA-approved plans in southwestern Illinois.

Project Location: Southwestern Illinois

Subgrantee: Southwestern Illinois Metropolitan & Regional Planning Commission
211 Vandalia
Collinsville, Illinois 62234

Project Period: 01/01/15 through 12/31/16

604b Grant Amount: \$60,000.00 **Cumulative Expenditure:** \$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
WQM Plan Consistency Reviews	12/31/16	No	
Interagency Coordination Activities	12/31/16	No	
Watershed Management Coordination	12/31/16	No	

Comments: The subgrantee failed to implement this project.

Project Reports and Other Informational Materials:

Title: Water Quality Management Planning

Purpose: The Greater Egypt Regional Planning and Development Commission (GERPDC) conducted WQMP consistency reviews of domestic wastewater NPDES permits, facility plans and specified construction and operating permits for sewers, lift stations, wastewater land treatment systems, and appurtenances. GERPDC also administered the Volunteer Lake Monitoring Program (VLMP) and coordinated VLMP activities for all lakes in the following counties: Alexander, Franklin, Gallatin, Hamilton, Hardin, Jackson, Jefferson, Johnson, Massac, Perry, Pope, Pulaski, Saline, Union and Williamson. GERPDC developed a watershed-based plan for the Hurricane Creek (IL_NF-01) watershed (HUC 071401060705) that is designed to improve water quality by controlling nonpoint source pollution. The plan is consistent with the 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, and current watershed planning principles.

Project Location: Southern Illinois

Subgrantee: Greater Egypt Regional Planning & Development Commission
3000 West De Young Street, Suite 800 B-3
Marion, Illinois 62959

Project Period: 01/01/15 through 12/31/16

604b Grant Amount: \$121,000.00 **Cumulative Expenditure:** \$121,000.00

Project Milestone	Completion Date	Completed Yes/No	Comments
WQM Plan Consistency Reviews	12/31/16	Yes	
2015 VLMP Training	05/31/15	Yes	
2015 Data Entry – Monitoring Form Information	12/31/15	Yes	
Forward Copies of 2013 Monitoring Forms	12/31/15	Yes	
2015 VLMP Annual Report	10/31/15	Yes	
2015 Lake Festival	10/31/15	Yes	
2016 VLMP Training	05/31/16	Yes	
2016 Data Entry – Monitoring Form Information	12/31/16	Yes	
Forward Copies of 2014 Monitoring Forms	12/31/16	Yes	
2016 VLMP Annual Report	10/31/16	Yes	
2016 Lake Festival	10/31/16	Yes	
Final Watershed Resources Inventory	10/30/15	Yes	
Draft Watershed-based Plan	09/01/16	Yes	
Final Watershed-based Plan	11/01/16	Yes	
Draft Executive Summary	09/01/16	Yes	
Final Executive Summary	11/01/16	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

[“Hurricane Creek Watershed-based Plan.”](#) November 2016. Greater Egypt Regional Planning & Development Commission.

Title: Water Quality Planning and Technical Assistance

Purpose: The Illinois Department of Agriculture (IDA) hired a qualified professional subcontractor(s) to provide technical assistance to Soil and Water Conservation Districts (SWCDs) and landowners for the development of design specifications for best management practices (BMPs) proposed for implementation under the Streambank Stabilization & Restoration Program (SSRP). The subcontractor(s) also provided technical assistance for construction oversight of said practices. A database(s) was developed of the BMPs that have been implemented under the IDA's Conservation Practices Program, SSRP, and Well Decommissioning Program. For each implemented BMP, the database(s) identified the associated funding program, completion date, size of the BMP (measured in acres, feet, or numbers), location of the BMP (in latitude and longitude), IDA cost-share amount, and estimated pollutant load reductions. In cooperation with Illinois EPA and the University of Illinois, the IDA assisted with the input or upload of these data into the Resource Management Mapping Service (RMMS) website located at www.rmms.illinois.edu.

Project Location: Statewide

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

Project Period: 09/03/14 through 12/31/16

604b Grant Amount: \$100,000.00 **Cumulative Expenditure:** \$100,000.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Provide SSRP Technical Assistance	12/31/16	Yes	
Final Database(s)	12/31/15	Yes	
Annual Database(s) Update	12/31/16	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

FY15 FEDERALLY FUNDED SECTION 604b PROJECTS

Title: Lower Salt Creek Watershed-based Plan

Purpose: Chicago Metropolitan Agency for Planning (CMAP), in cooperation with the DuPage River Salt Creek Workgroup and the County of DuPage, developed a watershed-based plan for the Lower Salt Creek (IL_GL-19) watershed (HUC 071200040404, 071200040403, and 071200040402) that is designed to improve water quality by controlling nonpoint source pollution. The plan is 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) and Chicago Metropolitan Agency for Planning’s “Guidance for Developing Watershed Action Plans in Illinois” dated June 2007. In developing the plan, information contained within several existing documents (i.e., Total Maximum Daily Loads for Salt Creek, Illinois; Stream Dissolved Oxygen Improvement Feasibility Study for Salt Creek; Priority Rankings based on Estimated Restorability for Stream Segments in the DuPage-Salt Creek Watersheds; Chloride Usage Education and Reduction Program Study; 2010 Biological and Water Quality Study of the Salt Creek Watershed) were utilized and expanded upon in order to produce a plan that meets the nine minimum elements

Project Location: Cook and DuPage counties

Subgrantee: Chicago Metropolitan Agency for Planning
233 South Wacker Drive, Suite 800
Chicago, Illinois 60606-6097

Project Period: 10/01/15 through 12/31/17

604b Grant Amount: \$256,399.37 **Cumulative Expenditure:** \$256,399.37

Project Milestone	Completion Date	Completed Yes/No	Comments
Final Watershed Resources Inventory	02/17/17	Yes	
Draft Watershed-based Plan	11/03/17	Yes	
Final Watershed-based Plan	12/15/17	Yes	
Draft Executive Summary	11/03/17	Yes	
Final Executive Summary	12/15/17	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

<http://www.cmap.illinois.gov/programs-and-resources/ita/lower-salt-creek>

“[Lower Salt Creek Watershed-Based Plan](#).” December 2018. Chicago Metropolitan Agency for Planning.

Title: Illinois Urban Manual Update & NPS Program Assistance

Purpose: The Association of Illinois Soil & Water Conservation Districts (AISWCD) provided educational, informational and technical assistance to Soil and Water Conservation Districts (SWCDs), agricultural producers, urban communities and other interested parties to help them better understand programs implemented under Sections 319(h), 305(b) and 303(d) of the Clean Water Act, the Illinois Clean Lakes Program, and the Illinois Green Infrastructure Grant Program for Stormwater Management (IGIG). Technical assistance was provided to entities that were either undertaking watershed-based planning initiatives or implementation of Illinois EPA-approved watershed-based plans. This project also systematically updated the nonpoint source pollution control practice standards contained in the [Illinois Urban Manual \(IUM\)](#).

Project Location: Statewide

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

Project Period: 10/01/15 through 07/15/17

604b Grant Amount: \$110,000.00 **Cumulative Expenditure:** \$110,000.00

Project Milestone	Completion Date	Completed Yes/No	Comments
NPS Program Implementation Assistance	07/01/17	Yes	
IUM Coordination Assistance	07/01/17	Yes	
Propose 2 New or Updated Practice Standards	07/01/16	Yes	
Complete 2 New or Updated Practice Standards	07/01/17	Yes	
Watershed Management Coordination Assistance	07/01/17	Yes	
Draft Project Report	07/01/17	Yes	
Final Project Report	07/15/17	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

Title: RMMS Maintenance and Enhancement

Purpose: This project continued the development and maintenance of Illinois EPA water quality databases in the Resource Management Mapping Service (RMMS). These databases included 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 was also used to update and expand the RMMS website 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, provided 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 was 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: 10/01/15 through 07/31/18

604b Grant Amount: \$270,600.00 **Cumulative Expenditure:** \$164,177.32

Project Milestone	Completion Date	Completed Yes/No	Comments
Implement All Maintenance and Enhancements	07/15/18	Yes	
Draft Final Report	07/15/18	Yes	
Final Report	07/31/18	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Resource Management Mapping Service – Final Report.” July 2018. CyberGIS Center for Advanced Digital and Spatial Studies, Department of Geography and Geographic Information Science, & School of Earth, Society and Environment.

FY16 FEDERALLY FUNDED SECTION 604b PROJECTS

Title: Water Quality Management Planning

Purpose: The Chicago Metropolitan Agency for Planning (CMAP) conducted WQMP consistency reviews of domestic wastewater NPDES permits, facility plans, and specified construction and operating permits based on the policies and recommendations of the WQMP. These reviews were conducted for all applicable activities in northeastern Illinois (Cook, Lake, DuPage, McHenry, Will, Kane and Kendall counties). CMAP administered the Volunteer Lake Monitoring Program (VLMP) and coordination of VLMP activities for all lakes involved in the VLMP in northeastern Illinois. CMAP provided technical assistance to entities that are either undertaking watershed-based planning initiatives or implementation of Illinois EPA-approved plans in northeastern Illinois. CMAP also provided technical planning assistance to entities seeking to improve water resource management that will result in improved water quality, such as through improved stormwater management, green stormwater infrastructure, local plan and policy updates, and other activities. CMAP also prepared a brief water quality report highlighting relevant water quality issues and activities in which CMAP participated.

Project Location: Northeastern Illinois

Subgrantee: Chicago Metropolitan Agency for Planning
233 South Wacker Drive, Suite 800
Chicago, Illinois 60606-6097

Project Period: 02/15/17 through 12/31/18

604b Grant Amount: \$293,055.02 **Cumulative Expenditure:** \$293,055.02

Project Milestone	Completion Date	Completed Yes/No	Comments
WQM Plan Consistency Reviews	12/31/18	Yes	
Final WQ Activities Report	12/31/18	Yes	
2017 VLMP Training	05/31/17	Yes	
2017 Data Entry – Monitoring Form Information	11/15/17	Yes	
Forward Copies of 2017 Monitoring Forms	11/15/17	Yes	
2017 VLMP Annual Report	10/31/17	Yes	
2017 Lake Festival	11/30/17	Yes	
2018 VLMP Training	05/31/18	Yes	
2018 Data Entry – Monitoring Form Information	11/15/18	Yes	
Forward Copies of 2018 Monitoring Forms	11/15/18	Yes	
2018 VLMP Annual Report	10/31/18	Yes	
2018 Lake Festival	11/30/18	Yes	
Grant Guidelines and Application	04/01/17	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Water Quality Activities Report 2017-18.” December 2018. Chicago Metropolitan Agency for Planning.

Title: Illinois Urban Manual Update & NPS Program Assistance

Purpose: The Association of Illinois Soil & Water Conservation Districts (AISWCD) provided educational, informational and technical assistance to Soil and Water Conservation Districts (SWCDs), agricultural producers, urban communities and other interested parties to help them better understand programs implemented under Sections 319(h), 305(b) and 303(d) of the Clean Water Act, the Illinois Clean Lakes Program, and the Illinois Green Infrastructure Grant Program for Stormwater Management (IGIG). Technical assistance was provided to entities that are either undertaking watershed-based planning initiatives or implementation of Illinois EPA-approved watershed-based plans. This project also systematically updated the nonpoint source pollution control practice standards contained in the [Illinois Urban Manual \(IUM\)](#).

Project Location: Statewide

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

Project Period: 05/01/17 through 07/15/18

604b Grant Amount: \$61,287.45 **Cumulative Expenditure:** \$61,287.45

Project Milestone	Completion Date	Completed Yes/No	Comments
NPS Program Implementation Assistance	07/15/18	Yes	
IUM Coordination Assistance	07/15/18	Yes	
Propose 2 New or Updated Practice Standards	11/01/17	Yes	
Complete 2 New or Updated Practice Standards	06/01/18	Yes	
Watershed Management Coordination Assistance	07/15/18	Yes	
Draft Project Report	06/01/18	Yes	
Final Project Report	07/15/18	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

Title: Water Quality Management Planning

Purpose: The Greater Egypt Regional Planning and Development Commission (GERPDC) conducted WQMP consistency reviews of domestic wastewater NPDES permits, facility plans, and specified construction and operating permits based on the policies and recommendations of the WQMP. These reviews were conducted for all applicable activities in southern Illinois (Alexander, Franklin, Gallatin, Hamilton, Hardin, Jackson, Jefferson, Johnson, Massac, Perry, Pope, Pulaski, Saline, Union and Williamson counties). GERPDC administered the Volunteer Lake Monitoring Program (VLMP) and coordination of VLMP activities for all lakes involved in the VLMP in southern Illinois. GERPDC developed a watershed-based plan for the Lake Creek (IL_NGA-02) watershed (HUC 071401060502) that was designed to improve water quality by controlling nonpoint source pollution.

Project Location: Southern Illinois

Subgrantee: Greater Egypt Regional Planning & Development Commission
3000 West De Young Street, Suite 800 B-3
Marion, Illinois 62959

Project Period: 01/01/17 through 12/31/18

604b Grant Amount: \$100,000.00 **Cumulative Expenditure:** \$100,000.00

Project Milestone	Completion Date	Completed Yes/No	Comments
WQM Plan Consistency Reviews	12/31/18	Yes	
2017 VLMP Training	05/31/17	Yes	
2017 Data Entry – Monitoring Form Information	11/15/17	Yes	
Forward Copies of Monitoring Forms	12/31/17	Yes	
2017 VLMP Annual Report	10/31/17	Yes	
2017 Lake Festival	10/31/17	Yes	
2018 VLMP Training	05/31/18	Yes	
2018 Data Entry – Monitoring Form Information	11/15/18	Yes	
Forward Copies of Monitoring Forms	12/31/18	Yes	
2018 VLMP Annual Report	10/31/18	Yes	
2018 Lake Festival	10/31/18	Yes	
Draft Watershed Resources Inventory	09/01/17	Yes	
Final Watershed Resources Inventory	10/01/17	Yes	
Draft Watershed-based Plan	09/01/18	Yes	
Final Watershed-based Plan	11/01/18	Yes	
Draft Executive Summary	09/01/18	Yes	
Final Executive Summary	11/01/18	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

[“Lake Creek Watershed-based Plan.”](#) November 2018. Greater Egypt Regional Planning & Development Commission.

Title: Lower Silver Creek Watershed-based Plan

Purpose: HeartLands Conservancy developed a watershed-based plan for the Lower Silver Creek (IL_OD-07) watershed (HUC 071402040507, 071402040508, 071402040510, 071402040511, 071402040512, and that part of 071402040509 south of Madison County) that is designed to improve water quality by controlling nonpoint source pollution. The plan is consistent with the 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, and current watershed planning principles.

Project Location: Madison and St. Clair counties

Subgrantee: HeartLands Conservancy
406 East Main Street
Mascoutah, Illinois 62258

Project Period: 07/15/16 through 09/30/18

604b Grant Amount: \$130,000.00 **Cumulative Expenditure:** \$130,000.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Resources Inventory	06/01/17	Yes	
Final Watershed Resources Inventory	07/01/17	Yes	
Draft Watershed-based Plan	07/31/18	Yes	
Final Watershed-based Plan	09/01/18	Yes	
Draft Executive Summary	07/31/18	Yes	
Final Executive Summary	09/01/18	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

["Lower Silver Creek Watershed Plan."](#) September 2018. HeartLands Conservancy.

FY17 FEDERALLY FUNDED SECTION 604b PROJECTS

Title: Mill Creek - North Watershed-based Plan

Purpose: The Chicago Metropolitan Agency for Planning (CMAP) developed a watershed-based plan for the Mill Creek - North (IL_DTZL-01) watershed (HUC 071200070105) that is designed to improve water quality by controlling nonpoint source pollution. The plan is 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, and current watershed planning principles.

Project Location: Kane County

Subgrantee: Chicago Metropolitan Agency for Planning
233 South Wacker Drive, Suite 800
Chicago, Illinois 60606-6097

Project Period: 10/01/17 through 09/30/19

604b Grant Amount: \$246,880.34 **Cumulative Expenditure:** \$246,880.34

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Resource Inventory	05/01/18	Yes	
Final Watershed Resource Inventory	07/01/18	Yes	
Draft Watershed-based Plan	07/01/19	Yes	
Final Watershed-based Plan	09/01/19	Yes	
Draft Executive Summary	07/01/19	Yes	
Final Executive Summary	09/01/19	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

<http://www.cmap.illinois.gov/programs/ita/mill-creek>

“Mill Creek Watershed-based Plan – Executive Summary.” September 2019. Chicago Metropolitan Agency for Planning.

“Mill Creek Watershed-based Plan.” September 2019. Chicago Metropolitan Agency for Planning.

Title: Pond Creek Watershed-based Plan

Purpose: The Greater Egypt Regional Planning and Development Commission (GERPDC) developed a watershed-based plan for the Pond Creek (IL_NG-02) watershed (HUC 071401060501) that is designed to improve water quality by controlling nonpoint source pollution. The plan is 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, and current watershed planning principles. GERPDC also developed stormwater management educational materials (brochure, workshop, website) for the urbanized area around Carbondale, Illinois, which includes the municipalities of Cambria, Carbondale, Carterville, Colp, Crainville, Energy, Herrin, Marion, and Spillertown. Educational materials described and promoted stormwater management practices that should be used to reduce urban stormwater runoff and associated pollutant loads.

Project Location: Williamson, Franklin, and Jackson counties

Subgrantee: Greater Egypt Regional Planning & Development Commission
3000 West De Young Street, Suite 800 B-3
Marion, Illinois 62959

Project Period: 10/01/17 through 09/30/19

604b Grant Amount: \$84,922.60 **Cumulative Expenditure:** \$84,922.60

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Resource Inventory	05/08/18	Yes	
Final Watershed Resource Inventory	07/01/18	Yes	
Draft Watershed-based Plan	07/01/19	Yes	
Final Watershed-based Plan	09/01/19	Yes	
Final Executive Summary	09/01/19	Yes	
Draft Stormwater Management Brochure	05/01/18	Yes	
Final Stormwater Management Brochure	07/27/18	Yes	
Draft Stormwater Workshop Agenda	05/01/18	Yes	
Final Stormwater Workshop Agenda	07/27/18	Yes	
Hold Stormwater Workshop	09/27/19	Yes	
Draft Stormwater Management Webpage	07/01/19	Yes	
Post Stormwater Management Webpage	09/27/19	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

"Pond Creek Watershed-based Plan." September 2019. Greater Egypt Regional Planning & Development Commission.

<http://greateregypt.org/pond-creek-watershed-based-plan/>

<http://greateregypt.org/stormwater-management-and-education/>

Title: RMMS Maintenance and Enhancement

Purpose: This project continued the development and maintenance of Illinois EPA water quality databases in the Resource Management Mapping Service (RMMS). These databases included 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 was also used to update and expand the RMMS website 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 was 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: 10/01/18 through 06/30/20

604b Grant Amount: \$210,201.31 **Cumulative Expenditure:** \$210,201.31

Project Milestone	Completion Date	Completed Yes/No	Comments
Implement All Maintenance and Enhancements	06/01/20	Yes	
Draft Final Report	06/01/20	Yes	
Final Report	06/30/20	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Resource Management Mapping Service Final Report for the Illinois Environmental Protection Agency Financial Assistance Agreement #604173.” June 2020. University of Illinois.

<https://www.rmms.illinois.edu/>

Title: Water Quality Planning and Technical Assistance

Purpose: The Illinois Department of Agriculture (IDA) hired a qualified professional subcontractor(s) to provide technical assistance to Soil and Water Conservation Districts (SWCDs) and landowners for the development of design specifications for best management practices proposed for implementation under the Streambank Stabilization & Restoration Program (SSRP). The subcontractor(s) also provided technical assistance with construction oversight of said practices. A database(s) was developed of the BMPs that were implemented under the IDA's Conservation Practices Program, SSRP, and Well Decommissioning Program. For each implemented BMP, the database(s) identified the associated funding program, completion date, size of the BMP (measured in acres, feet, or numbers), location of the BMP (in latitude and longitude), IDA cost-share amount, and estimated pollutant load reductions. In cooperation with Illinois EPA and the University of Illinois, the IDA assisted with the input or upload of these data into the Resource Management Mapping Service (RMMS) website located at www.rmms.illinois.edu.

Project Location: Statewide

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

Project Period: 11/22/19 through 06/30/20

604b Grant Amount: \$50,000.00 **Cumulative Expenditure:** \$50,000.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Provide SSRP Technical Assistance	06/01/20	Yes	
Final Database(s)	06/01/20	Yes	
Draft Project Report	06/01/20	Yes	
Final Project Report	06/30/20	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Water Quality Planning and Technical Assistance Project Evaluation & Report.” June 30, 2020. Illinois Department of Agriculture.

FY18 FEDERALLY FUNDED SECTION 604b PROJECTS

Title: Southern Illinois Areawide Water Quality Management

Purpose: The Greater Egypt Regional Planning and Development Commission (GERPDC) will develop a watershed-based plan for the Crab Orchard Creek (IL_ND-01) watershed (HUCs 071401060809, 071401060808 & 071401060807) that is designed to improve water quality by controlling nonpoint source pollution. GERPDC will administer the Volunteer Lake Monitoring Program (VLMP) and coordination of VLMP activities for all lakes involved in the VLMP in the following southern Illinois counties: Alexander, Franklin, Gallatin, Hamilton, Hardin, Jackson, Jefferson, Johnson, Massac, Perry, Pope, Pulaski, Saline, Union and Williamson. GERPDC will develop stormwater management educational materials (workshop, website) for the urbanized area around Carbondale, Illinois, which includes the municipalities of Cambria, Carbondale, Carterville, Colp, Crainville, Energy, Herrin, Marion, and Spillertown. Educational materials will describe stormwater management practices that should be used to reduce urban stormwater runoff and associated pollutant loads. GERPDC will also explore the development of a consortium that could facilitate shared responsibility for compliance of MS4 regulations in the urbanized area around Carbondale, Illinois.

Project Location: Southern Illinois

Subgrantee: Greater Egypt Regional Planning & Development Commission
3000 West De Young Street, Suite 800 B-3
Marion, Illinois 62959

Project Period: 11/01/18 through 06/30/21

604b Grant Amount: \$423,000.00 **Cumulative Expenditure:** \$218,185.35

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Workshop Agenda	05/01/20	No	
Final Workshop Agenda	07/01/20	No	
Hold Workshop	07/01/21	No	
Draft Watershed Resources Inventory	02/01/20	Yes	
Final Watershed Resources Inventory	04/01/20	Yes	
Draft Watershed-based Plan	05/01/21	No	
Final Watershed-based Plan	06/30/21	No	
Draft Executive Summary	05/01/21	No	
Final Executive Summary	06/30/21	No	

Comments:

Project Reports and Other Informational Materials:

Title: Wood River and Piasa Creek Watershed-Based Plans

Purpose: HeartLands Conservancy will develop watershed-based plans for the Wood River (IL_JR-02) watershed (HUC 0711000903) and the Piasa Creek (IL_JV-01) watershed (HUC 0711000902) that are designed to improve water quality by controlling nonpoint source pollution. The plans will be consistent with the 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, and current watershed planning principles.

Project Location: Macoupin, Madison and Jersey counties

Subgrantee: HeartLands Conservancy
3 North High Street
Belleville, Illinois 62220

Project Period: 11/01/18 through 12/31/20

604b Grant Amount: \$209,999.52 **Cumulative Expenditure:** \$158,776.09

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Wood River Watershed Resources Inventory	08/01/19	Yes	
Final Wood River Watershed Resources Inventory	10/01/19	Yes	
Draft Wood River Watershed-based Plan	10/01/20	No	
Final Wood River Watershed-based Plan	12/01/20	No	
Draft Wood River Executive Summary	10/01/20	No	
Final Wood River Executive Summary	12/01/20	No	
Draft Piasa Creek Watershed Resources Inventory	08/01/19	Yes	
Final Piasa Creek Watershed Resources Inventory	10/01/19	Yes	
Draft Piasa Creek Watershed-based Plan	10/01/20	No	
Final Piasa Creek Watershed-based Plan	12/01/20	No	
Draft Piasa Creek Executive Summary	10/01/20	No	
Final Piasa Creek Executive Summary	12/01/20	No	

Comments:

Project Reports and Other Informational Materials:

Title: Illinois Urban Manual Initiative

Purpose: The Kane-DuPage Soil & Water Conservation District 1) maintained the framework for updating the Illinois Urban Manual; 2) completed new or updated practice standards, material specifications, or construction specifications for inclusion in the Illinois Urban Manual in accordance with the framework; 3) provided educational, information, and technical assistance to developers, engineers, and soil erosion sediment control professionals on the Illinois Urban Manual update process; and 4) maintained the [Illinois Urban Manual webpage](#).

Project Location: Statewide

Subgrantee: Kane-DuPage Soil & Water Conservation District
2315 Dean Street, Suite 100
St. Charles, Illinois 60175-4832

Project Period: 01/01/19 through 12/31/19

604b Grant Amount: \$100,000.00 **Cumulative Expenditure:** \$99,455.82

Project Milestone	Completion Date	Completed Yes/No	Comments
IUM Coordination Assistance	12/31/19	Yes	
Update and Maintain Website	12/31/19	Yes	
Propose 5 New or Updated Practice Standards	05/01/19	Yes	
Complete 5 New or Updated Practice Standards	12/31/19	Yes	
Draft Project Report	12/01/19	Yes	
Final Project Report	12/31/19	Yes	

Comments: This project is complete.

Project Reports and Other Informational Materials:

“Final Report - Illinois Urban Manual Update Initiative.” December 2019. Kane-DuPage Soil & Water Conservation District.

<https://illinoisurbanmanual.org/>

Title: Rock River Ravines Watershed Plan Update

Purpose: River Action, Inc. will update an existing watershed plan for the Lower Rock River segments (IL_P-04/IL_P-25) watershed (HUCs 0709000511/0709000513) that will be designed to improve water quality by controlling nonpoint source pollution. The plan will address the need for the inclusion of the 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, and current watershed planning principles.

Project Location: Rock Island County

Subgrantee: River Action, Inc.

Project Period: 12/01/18 through 12/31/20

604b Grant Amount: \$34,944.00 **Cumulative Expenditure:** \$20,767.60

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Resources Inventory	05/15/20	No	
Final Watershed Resources Inventory	06/15/20	No	
Draft Watershed-based Plan	08/31/20	No	
Final Watershed-based Plan	11/30/20	No	
Draft Executive Summary	09/15/20	No	
Final Executive Summary	10/31/20	No	

Comments:

Project Reports and Other Informational Materials:

Title: Nutrient Monitoring on the Galena River

Purpose: The League of Women Voters of Illinois Education Fund (LWVIL-EF) will facilitate the collection of nutrient data for the Galena River segments (IL_MQB/IL_MQ-01/IL_MQ-02) (HUC 0706000503) as a reference for defining actions that will support the IL Nutrient Loss Reduction Strategy. The LWVIL-EF will contract with the USGS to take center of flow grab samples from the Galena River 19 times in each of two locations - just below the Wisconsin border and at the bottom of the Galena River watershed where it flows into the Mississippi River. The samples will be analyzed for a complete suite of nutrients (Nitrate + Nitrite, Ammonia, Organic Nitrogen, Total Nitrogen, Dissolved Phosphorous, Total Phosphorous, and Ortho Phosphorous) and suspended-sediment concentrations. USGS staff will provide a simple report summarizing the results of the sampling. This information will provide clarification to local stakeholders regarding nutrient and sediment contributions within the Illinois portion of the Galena River watershed as a baseline to be compared with other sampling results over time as best management practices are implemented in the area.

Project Location: Jo Daviess County

Subgrantee: League of Women Voters of Illinois Education Fund

Project Period: 09/09/19 through 06/30/21

604b Grant Amount: \$30,000.00 **Cumulative Expenditure:** \$0.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Water Quality Monitoring Plan	09/01/19	Yes	
Final Water Quality Monitoring Plan	09/30/19	Yes	
Draft Quality Assurance Project Plan	09/01/19	Yes	
Final Quality Assurance Project Plan	09/30/19	Yes	
WQ Monitoring Plan Implementation	07/31/20	Yes	
QAPP Implementation	07/31/20	No	
Draft Monitoring Report	05/31/21	No	
Final Monitoring Report	06/30/21	No	

Comments:

Project Reports and Other Informational Materials:

“Quality Assurance Project Plan for Monitoring Nutrients and Sediment in the Galena River, Illinois.” February 2020. U.S. Geological Survey.

FY19 FEDERALLY FUNDED SECTION 604b PROJECTS

Title: Southern Illinois Water Quality Management

Purpose: The Greater Egypt Regional Planning and Development Commission (GERPDC) will update an existing watershed-based plan (Kinkaid Lake Phase 1 Diagnostic / Feasibility Study, 2006) for the Kinkaid Lake (IL_RNC) watershed (HUC 0714010611). The updated watershed-based plan will be consistent with the 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). Also, for use in the Crab Orchard Creek watershed (HUC 0714010608), and potentially the overall Big Muddy watershed, a lesson plan will be developed that utilizes the Enviroscope Watershed Model and focuses on stormwater and agricultural runoff at the watershed scale. An activity book that will supplement the stormwater lesson plan will also be created. A stormwater education workshop, which utilizes these materials, will be held at a conservation fair or Earth Day event. A water quality survey for residents of the Carbondale urbanized area in the Crab Orchard Creek watershed (HUC 0714010608) will be conducted to educate the public about water quality concerns and receive feedback that will help guide future educational efforts.

Project Location: Southern Illinois

Subgrantee: Greater Egypt Regional Planning & Development Commission
3000 West De Young Street, Suite 800 B-3
Marion, Illinois 62959

Project Period: 10/01/19 through 09/30/21

604b Grant Amount: \$185,464.04 **Cumulative Expenditure:** \$61,296.41

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Resources Inventory	05/01/20	Yes	
Final Watershed Resources Inventory	08/01/20	Yes	
Draft Watershed-based Plan	06/01/21	No	
Final Watershed-based Plan	08/01/21	No	
Draft Executive Summary	06/01/21	No	
Final Executive Summary	08/01/21	No	
Draft Stormwater Education Lesson Plan	08/01/20	Yes	
Final Stormwater Education Lesson Plan	10/01/20	No	
Draft Stormwater Education Activity Book	06/01/20	Yes	
Final Stormwater Education Activity Book	08/01/20	Yes	
Draft Water Quality Survey	10/01/20	No	
Final Water Quality Survey	12/01/20	No	
Draft Stormwater Education Presentation	05/01/21	Yes	
Final Stormwater Education Presentation	07/01/21	No	
Hold Stormwater Education Presentation	09/01/21	No	
Draft Project Report	08/01/21	No	
Final Project Report	09/30/21	No	

Comments:

Project Reports and Other Informational Materials:

604191

Title: Indian Creek Watershed-based Plan (Kane-DuPage Co)

Purpose: The Chicago Metropolitan Agency for Planning (CMAP) will develop watershed-based plan for the Indian Creek (IL_DTZK) watershed (HUC 071200070107) that is designed to improve water quality by controlling nonpoint source pollution. The plan will be consistent with the 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, and current watershed planning principles. CMAP will also prepare an informational brochure to help educate the public and promote plan implementation.

Project Location: Kane and DuPage Counties

Subgrantee: Chicago Metropolitan Agency for Planning
233 South Wacker Drive, Suite 800
Chicago, Illinois 60606-6097

Project Period: 11/04/19 through 12/31/21

604b Grant Amount: \$258,915.15 **Cumulative Expenditure:** \$46,237.50

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Resource Inventory	08/31/20	Yes	
Final Watershed Resource Inventory	11/30/20	No	
Draft Watershed-based Plan	07/31/21	No	
Final Watershed-based Plan	10/31/21	No	
Draft Executive Summary	08/01/21	No	
Final Executive Summary	10/31/21	No	
Joint Evaluation Form	10/31/21	No	

Comments:

Project Reports and Other Informational Materials:

Title: East Branch DuPage River Watershed Based Plan

Purpose: DuPage County Stormwater Management will develop a watershed-based plan for the East Branch DuPage River (IL_GBL-02) watershed (HUC 071200040803 & 071200040804) that is designed to improve water quality by controlling nonpoint source pollution. The plan will be consistent with the 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). DuPage County Stormwater Management completed a watershed-based plan for the St. Joseph Creek (IL_GBLB-01) watershed, which is a portion of HUC 071200040804 and a tributary of the East Branch DuPage River in August 2017. The St. Joseph Creek watershed-based plan will be referenced in the East Branch DuPage River plan but will not be updated as part of this project. As part of the plan development process, DuPage County Stormwater Management will perform several education and outreach activities (mailing 5,000 flyers to residents, stakeholder meetings, website creation and updates, presentations, etc.).

Project Location: DuPage County

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

Project Period: 10/24/19 through 12/31/21

604b Grant Amount: \$244,010.31 **Cumulative Expenditure:** \$30,004.02

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Resources Inventory	12/01/20	No	
Final Watershed Resources Inventory	02/15/21	No	
Draft Watershed-based Plan	04/01/21	No	
Final Watershed-based Plan	11/01/21	No	
Draft Executive Summary	09/01/21	No	
Final Executive Summary	11/01/21	No	
Joint Evaluation Form	11/01/21	No	

Comments:

Project Reports and Other Informational Materials:

Title: Clinton Lake Watershed Plan Update

Purpose: This project will update an existing watershed-based plan (Clinton Lake Watershed Management Plan, 2007) for the Clinton Lake (IL_REI) watershed (HUC 0713000901 & 0713000902). The updated watershed-based plan will be consistent with the 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).

Project Location: DeWitt County

Subgrantee: DeWitt County Soil & Water Conservation District
5920 Revere Road
Clinton, Illinois 61727

Project Period: 12/31/19 through 11/30/21

604b Grant Amount: \$137,610.50 **Cumulative Expenditure:** 36,600.00

Project Milestone	Completion Date	Completed Yes/No	Comments
Draft Watershed Resources Inventory	10/01/20	No	
Final Watershed Resources Inventory	12/01/20	No	
Draft Watershed-based Plan	09/01/21	No	
Final Watershed-based Plan	11/01/21	No	
Draft Executive Summary	09/01/21	No	
Final Executive Summary	11/01/21	No	

Comments:

Project Reports and Other Informational Materials:

