

Reducing Nonpoint-Source Pollution

Nonpoint-source (NPS) pollution prevention and mitigation activities are essential to improving water quality in the region’s rivers and streams. Illinois EPA receives federal funds through Section 319 (h) of the Clean Water Act to help implement Illinois’ Nonpoint Source Management Program (Program), intended to work cooperatively with local units of government and other organizations toward the goal of protecting the quality of Illinois’ waters by controlling NPS pollution.

The Program supports several types of activities including implementation of cost-effective corrective and preventive best management practices (BMPs) on a watershed scale; implementation of new and innovative best management practices; NPS pollution control information, education and outreach programs; NPS pollution control research and monitoring projects; and development of watershed-based plans.

For more than eleven years, CMAP and its predecessor, the Northeastern Illinois Planning Commission, have assisted numerous municipalities, agencies, and local organizations in applying, coordinating, and implementing Section 319 projects designed to reduce NPS pollution. From 2004 to 2012, CMAP managed projects valued at \$7,926,480, with Illinois EPA awarding up to \$2,717,063 in grant funding and the local sponsors providing at least \$3,398,406 in matching funds and in-kind services.

Table 1 provides more information on each project, including project overview, water quality benefits associated with each project, project photos, and contact information. An interactive project location map of projects from 2004 to 2012 may be found *here*. For a complete and current map of 319 projects in the Chicago Region, visit the Resource Management Mapping Service hosted by the CyberInfrastructure and Geospatial Information (CIGI) Laboratory.

CMAP is not currently involved with Section 319 projects, and IEPA is providing this direct assistance to municipalities, agencies, and local organizations. To learn more about recent work and the application process, visit the *IEPA website*.

Table 1. Section 319 Projects

Project	County	River Basin	Map ID #	FAA #
Poplar Creek Watershed Based Plan - Phase 1	Cook	Upper Fox / Poplar Creek Watershed	45	3190108
Salt Creek Education and Work Strategy	Cook	Des Plaines	44	3190114
Salt Creek Streambank Stabilization Project	Cook	Des Plaines	1	3190114
Salt Creek Headwater Recovery Project	Cook	Des Plaines	20	3190114
Village of Brookfield’s Parking Lot Runoff Pollution Prevention	Cook	Des Plaines	21	3190108
Springbrook Creek Daylighting and Stabilization	Cook	Des Plaines	22	3190114
South Branch Poplar Creek Action Plan Implementation - Phase 1 Project	Cook	Upper Fox	37	3190806
Fox River Stream Inventory	Cook, Kane, McHenry	Upper and Lower Fox	40	3190108
Lake Run Habitat Restoration Project	Kane	Lower Fox	11	3190414
Otter Creek Stream Restoration Project	Kane	Lower Fox	4	3190414

Source: CMAP.

Table 1 (continued). Section 319 Projects

Project	County	River Basin	Map ID #	FAA #
Lake Prestbury Shoreline Restoration Project	Kane	Lower Fox	15	3190414
Fox River North Watershed Improvement Project	Kane	Upper Fox	5, 7, 8, 9, 10, 28, 29, 30	3190108
Greater Raceway Woods Ecosystem Project	Kane	Upper Fox	6	3190108
Lower Tyler Creek Watershed Project	Kane	Upper Fox	17	3190108
Brewster Creek Stream Restoration and Dam Removal Project	Kane	Lower Fox	18	3190108
Otter Creek Streambank Restoration and Wetland Protection	Kane	Lower Fox	42	3190108
St. Charles Stormwater Outfall Treatment Basin	Kane	Lower Fox	12	3190414
Poplar Creek Streambank Restoration Project	Kane	Upper Fox	13	31904014
West Main Parking Lot Bioinfiltration	Kane	Lower Fox	19	3190108
City of Aurora's Infrastructure Implementation Project	Kane	Lower Fox	33	3190604
Dixie Briggs Fromm Stream Corridor Restoration Project	Kane	Upper Fox	32	3190604
White Creek Stabilization Project	Kane	Lower Fox	35	3190604
Jelke Creek Reclamation Project	Kane	Upper Fox	38	3190806
Norris Woods Creek Stabilization and Water Quality Improvement Project	Kane	Lower Fox	36	3190806
West Dundee Bioinfiltration BMPs	Kane	Upper Fox	39	3190806
Indian Creek Demonstration and Public Information Project (2)	Lake	Des Plaines	23	3190109
Indian Creek Restoration Project	Lake	-	Not identified on map	-
Maple Park Improvement Project	Lake	Des Plaines	31	3190109
Rivershire Community Park Bank Stabilization	Lake	Des Plaines	24	3190109
Liberty Prairie Meadow Recovery Project	Lake	Des Plaines	25	3190109
Upper Des Plaines Subwatershed Watershed Implementation Plan Development	Lake	Upper Des Plaines	41	3190109
Ryerson Woods Welcome Center	Lake	Des Plaines	26	3190415
Ravinia and Indian Creek Parks Project (Fremont Twp. Hwy. Department)	Lake	Des Plaines	27	3190415
Restoration of Lake Antioch Wetlands and Feed Stream Project	Lake	Upper Fox	14	3190414
Buffalo Creek Streambank Stabilization Project	Lake	Des Plaines	34	3190604
Long Lake Shoreline Stabilization Project (Lake County Forest Preserve)	Lake	Upper Fox	2	3190222
Long Lake Shoreline Stabilization Project (Round Lake Park District)	Lake	Upper Fox	3	3190222
Woods Creek Nonpoint Source Control Project	McHenry	Upper Fox	16	3190414
Boone Creek Watershed Restoration Action Strategy	McHenry	Upper Fox/ Boone Creek Watershed	43	3190108
Nippersink Creek Conservation Engineer	McHenry	-	Not identified on map	-

Source: CMAP.