

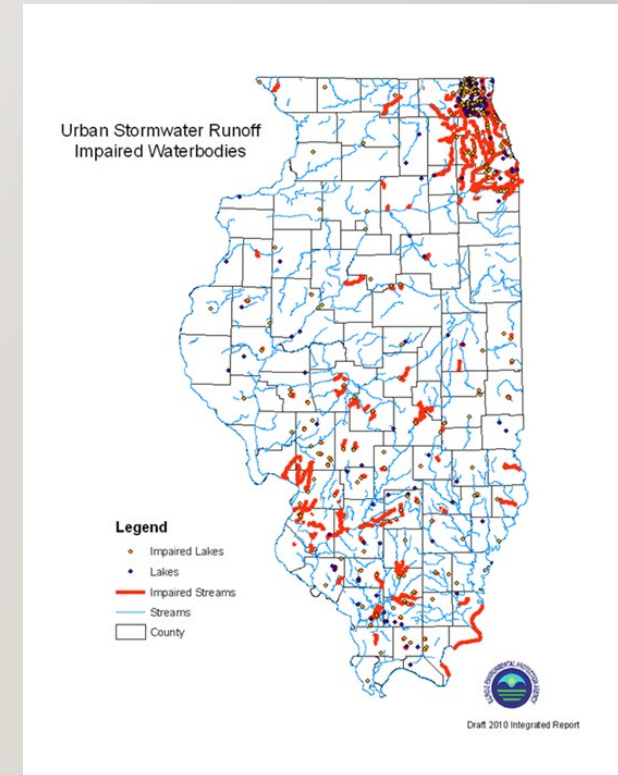
GREEN INFRASTRUCTURE GRANT OPPORTUNITIES (GIGO)

ESTABLISHED - JUNE 22, 2020

CHRISTINE DAVIS, ILLINOIS EPA

GREEN INFRASTRUCTURE FOR WATER QUALITY DECREASE **LOCALIZED** AND/OR **RIVERINE** FLOODING

- ◆ Decrease stormwater runoff to Illinois rivers, streams, and lakes
 - ◆ Reconnection of a stream with its floodplain
 - ◆ Stormwater treatment & control
 - ◆ directly upstream or downstream of an impervious area that currently impacts a water of Illinois
 - ◆ from impervious surfaces associated with existing urban development
- ◆ Project can be on public and/or private land



GIGO PROGRAM

Applications due by COB on August 21, 2020

Location	Statewide to reduce localized and riverine flooding to protect Illinois rivers, streams, and lakes
Grant Range	\$75,000 - \$2.5 Million
Maximum Grant	\$2.5 Million (\$5 Million available for projects statewide)
Minimum Match	25% (15% for disadvantaged areas - \$ limited)
Project Length	Normally 24 Months
Eligible Projects	BMP implementation with limited design costs
Practices	Single BMP, treatment train OR watershed-wide projects



Ineligible Costs

- Land Acquisition
- BMPs for new development
- Project Administration
- Routine O & M
- Education/Outreach
- Monitoring

GIGO Notice of Funding Opportunity

<https://www2.illinois.gov/epa/topics/grants-loans/water-financial-assistance/Pages/gigo.aspx>

GREEN INFRASTRUCTURE GRANT OPPORTUNITIES (GIGO)

2021-2025 (\$5 MILLION/YEAR)

- ◆ LIMITED to Installation of BMPs and some design costs (15% of Total Eligible Project Cost or \$35,000 whichever is less)
 - ◆ Floodplain Reconnections (two-stage ditch, daylighting, levee retrofit)
 - ◆ Porous/Permeable Pavements
 - ◆ (Bio)Infiltration/Retention (Basins/Trenches/Bio-swales)
 - ◆ Wetland Creation and/or Restoration
 - ◆ Watershed-wide Projects (multiple smaller BMPs)
 - ◆ Downspout and Illicit Inflow Disconnections
- ◆ Expected Applicants (anyone that could legally accept \$ from the State of Illinois)
 - ◆ Municipalities, Sanitary Districts, Park Districts, Watershed Groups and Other Non-Profit Groups that pre-register through the GATA Portal
- ◆ Reimbursement Program; 25% Match Required (15% in Disadvantaged areas - limited)



WHAT TO EXPECT IF FUNDED

- ◆ Financial Assistance Agreement
 - ◆ GATA Management throughout agreement period
 - ◆ Product Development
 - ◆ Designs & Engineering and Permits
 - ◆ 10 year - Operation and Maintenance Plan
 - ◆ BMP Form and Pollutant Load Reduction Calculations
 - ◆ BMP Implementation AFTER Design Approval
 - ◆ Quarterly Reporting (GATA PPR & PFR)
 - ◆ Invoicing
 - ◆ Final Reporting w/photos
- ◆ Reimbursement of Eligible Costs



GRANT ACCOUNTABILITY AND TRANSPARENCY ACT (GATA)

Applicants **MUST** pre-qualify in the **GATA** portal!
grants.illinois.gov

Application Process and Timeline:

- 🔥 Notice of Funding Opportunity Posted - **June 22, 2020**
- 🔥 Applicant Pre-Registers/State Approves
- 🔥 Application/Budget Submitted – DEADLINE – **August 21, 2020**
- 🔥 Agency Reviews Application/Develops Workplan ~ **Fall 2020**
- 🔥 Applicant completes Fiscal/Administrative/Programmatic Risk Assessments
- 🔥 Notice of State Award (non-binding) ~ **Fall 2020**
- 🔥 Agency develops grant agreement ~ **Winter 2020**



EXAMPLES OF GIGO-Type ELIGIBLE PROJECTS

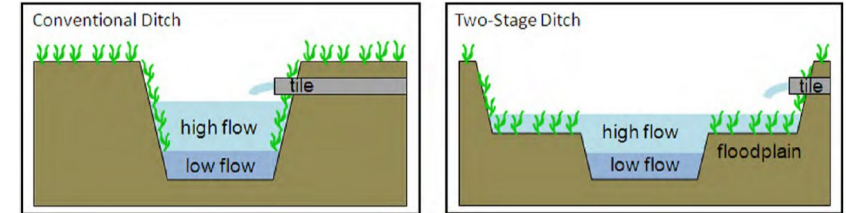
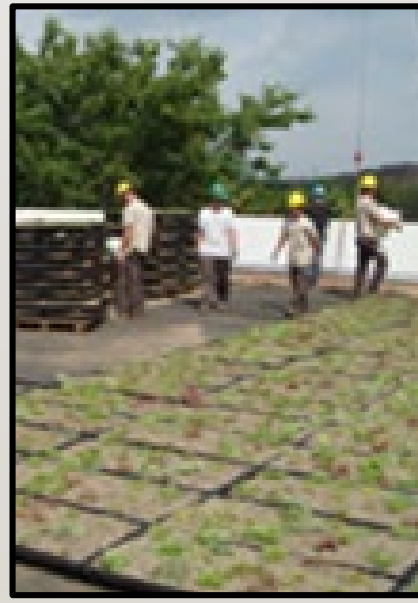


Figure 4: Conventional Trapezoidal Channel vs. Two-Stage Channel



SPRINGBROOK CREEK STREAM MEANDERING



Forest Preserve District of DuPage County: DuPage County

Funding Source:	Section 319 Grant Program		
Date Completed:	June 30, 2008		
Cost:	Total \$3.4 Million	Grant \$1.2 Million	Match \$2.2 Million
BMP Installed:	Stream Channel Remeander: Riffles, Rootwads, Cross Vanes, Buried Valley Sill, Side Channel Wetlands		
Notables:	NEW STREAM CREATED; Mimics Natural Features and Moves Flood Flows. Muscle Relocation. Uses Natural Material to Stabilize Bank and Improve Biotic Diversity		
Results:	10,990 LF of Stream Channel. <u>Annual</u> Load Reduction: Sediment = 3,237 tons, Phosphorus = 1,619 lbs. and Nitrogen = 1,619 lbs.		

MORTON ARBORETUM PARKING LOT RUNOFF CONTROL



Morton Arboretum: DuPage County

Funding Source:	Section 319 Grant Program		
Date Completed:	January 2006		
Cost:	Total	Grant	Match
	\$2,110,860	\$1,266,516	\$844,345
BMP Installed:	Porous Pavement, 4' Deep Gravel Drainage Layer, Curb Cuts, Bioswales, Level Spreader, Rock Outlet Protection, Filter Strip, and Wetland		
Notables:	O & M: Periodic Vacuuming scheduled, no Grit or Sand applied during Winter Weather, De-icing Chemical OK on Pavement, but can Affect Plants and Water Quality. More Expensive to Install than Traditional lot, but can Save Money Over Long Run.		
Results:	6.4 acre Parking (489 cars and 11 buses) Non-pervious used in ADA Sections		

DOWNSPOUT DISCONNECTION ASSISTANCE PROGRAM

Village of LaGrange Park: Cook County			
Funding Source:	Illinois Green Infrastructure Grant Program		
Date Completed:	November 30, 2018		
Cost:	Total	Grant	Match
	\$274,593	\$233,404	\$41,189
BMP Installed:	Downspout Disconnections, Rain Gardens, Bioswales, Dry Wells, Rain Barrels and Popup Emitters		
Notables:	Village Ordinance w/Deadline to Disconnect Pilot Program for Seniors & Disabled Dedicated Project Manager Project Area was 2.25 Square Miles		
Results:	4,407 Downspouts Disconnected from 1,847 Homes (482 Home rcvd \$)		



Before:
47% of Homes Connected to CSO,
Contributing Roughly 12% of the Flow
During a Heavy Rain Event.

OLD SALEM CHAUTAUQUA WETLAND BASIN PROJECT

Old Salem Chautauqua Homeowners Association: Menard County

Funding Source:	Section 319 Grant Program		
Date Completed:	August 30, 2006		
Cost:	Total \$80,529	Grant \$20,000	Match \$60,529
BMP Installed:	Pond with Side Channel Outlet with 2 Wetland Cells		
Notables:	Historic 6-acre Pond Constructed in 1926; Breeched in 1997 by Flash-Flood. Investigation Found Drainage Area to be 725 Acres		
Results:	6.4 acre Pond with Stable Outlet/Overflow Channel, Sediment Load Reduction = 19 tons/year		



QUESTIONS?



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Watershed Management Section

Thank You!

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SECTION 319 GRANT PROGRAM

Applications due by COB on August 3, 2020

Location	Statewide/Priority Watersheds Watershed-Based Planning Areas
Grant Range	\$100,000 - \$1.2 Million
Maximum Grant	\$1.5 Million (~ \$4.5 available for projects statewide)
Minimum Match	40%
Project Length	Normally 24 Months
Eligible Projects <small>USEPA 2013 Guidance</small>	Watershed-Based Planning (WBP) or WBP Implementation (TMDLs Too!)
Practices	NPS Pollution Control BMPs (not required by state or federal law)



Eligible Costs
Administration & Planning
Design & Engineering
Construction/Planting
Construction Oversight
Education/Outreach
Monitoring

SECTION 604 GRANT PROGRAM

Applications due by COB on January 15, 2021

Location	Statewide
Number of Awards	4
Estimated Total Program Funding	\$625,000
Minimum Match	0%
Project Length	Normally 24 Months

Monitoring requires a **Quality Assurance Program Plan (QAPP)** – plan ahead to create one if you want to do monitoring.



Eligible Project Types (not all-inclusive)

Watershed-Based Planning (WBP)

TMDL Implementation Plan Development

BMP Design/Engineering

Technical Assistance for water pollution control

Outreach & Education

Environmental and Social Indicator Monitoring