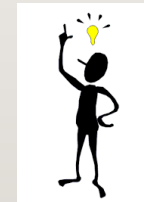


**GREEN INFRASTRUCTURE GRANT OPPORTUNITIES (GIGO)
PROGRAM UPDATE
AND
APPLICATION TIPS TO IMPROVE YOUR CHANCE TO GET SOME
GREEN (\$) FOR YOUR GREEN INFRASTRUCTURE**

ESTABLISHED - JUNE 22, 2020

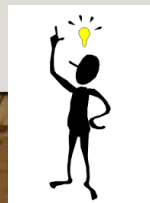
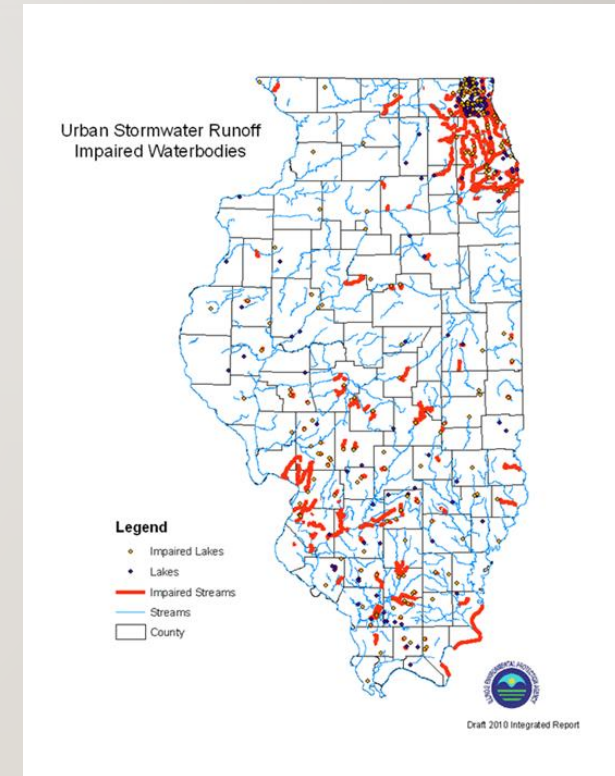
CHRISTINE DAVIS, ILLINOIS EPA



Tip 1 – Look for me
for more tips!

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



Repeat the terms
used in the NOFO
in your application!



Avoid ineligible costs! If you must include – make sure that they are NOT part of the budget!!

GIGO PROGRAM

Applications due by COB on ?

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

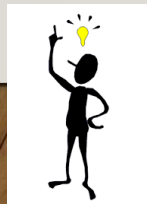
GIGO Notice of Funding Opportunity

<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 BMP 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)



GI keeps the water where it falls!

2021 GIGO – II SUCCESSFUL APPLICANTS RIGHT PLACE, RIGHT PRACTICE, RIGHT PRICE



Be competitive
KNOW your
competition!

Eleven applications were recommended for funding

GIGO \$ ranged from \$83,500 – 2,460,000 (not in any order)

- 💧 Porous Pavement Roadway & Green Alleys (3)
- 💧 30 acres wetland retrofit and 50 acres wetland creation
- 💧 Bioswales w/check dams, wetland retrofit, and daylighting (2)
- 💧 Pre-cast bioinfiltration system with rain garden and curb cuts
- 💧 Retrofit of dry basin into wet basin
- 💧 Two-stage ditch
- 💧 Retrofit parking lot with small detention basins
- 💧 Floodplain terrace reconnection w/stream daylighting



2021 GIGO – 36 UNSUCCESSFUL APPLICATIONS WRONG PLACE, WRONG PRACTICE, WRONG PRICE??? OR BETTER LUCK NEXT YEAR!

Good applications did NOT get funded!

Bad Applications did not get funded! Reasons – Applicant:

1. Missed the point of the GIGO Program
2. Didn't sign the application documents
3. Didn't provide enough information or the correct information
4. Included ineligible costs or had 'expensive taste'
5. Included Operation & Maintenance as an after thought
6. Just not 'ready'



Start on your application early!
Keep it simple.
But tell us EVERYTHING!





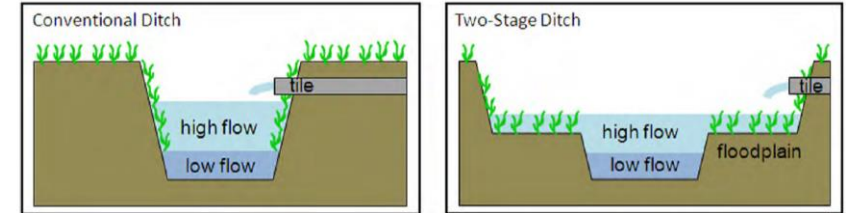
Think outside the box.
But stay within the lines!

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



EXAMPLES OF GIGO-Type ELIGIBLE PROJECTS



Write as if the application reviewers know nothing!





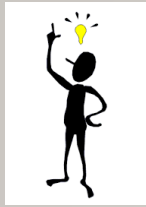
Budget, provide details!
Although some can be
provided in 'clumps!

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.		



Projects that provide multiple benefits are wonderful. FOCUS the application on the GIGO mission!
Think, GI, stormwater control, flood reduction, water quality.

MORTON ARBORETUM PARKING LOT RUNOFF CONTROL

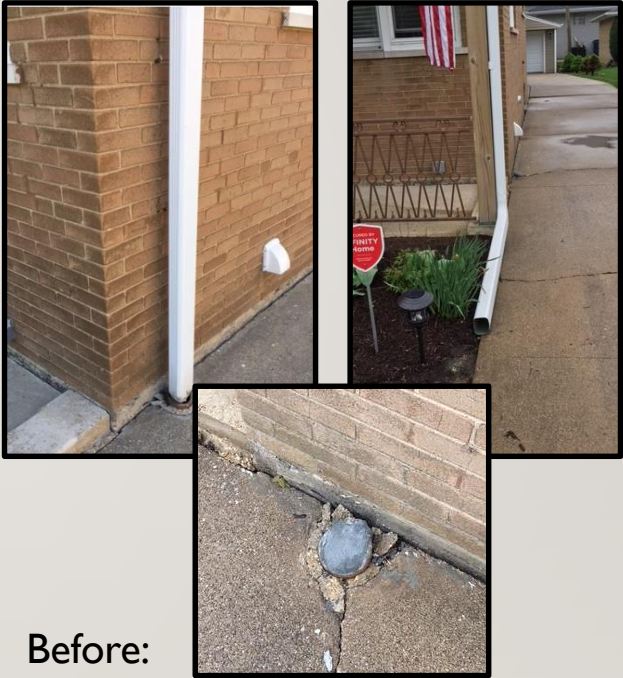


Morton Arboretum: DuPage County

Funding Source:	Section 319 Grant Program		
Date Completed:	January 2006		
Cost:	Total \$2,110,860	Grant \$1,266,516	Match \$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.



Take credit for (and document) both the localized and the riverine flood benefits.

Look at the GIGO NOFO Merit Review Criteria. Consider it a checklist for a successful application.



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?



Call CHRIS!
Call MPC!
Call for HELP!



Christine Davis
Watershed Management Section
Illinois EPA, Bureau of Water
Watershed Management Section

Thank You!

217.782.3362

christine.davis@illinois.gov

www2.illinois.gov.epa/

3 BONUS SLIDES!!!



SECTION 319 GRANT PROGRAM

Applications due by COB on August 4, 2021

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, 2022

Location	Statewide
Number of Awards	4
Estimated Total Program Funding	\$375,000
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

GRANT ACCOUNTABILITY AND TRANSPARENCY ACT (GATA)

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

Application Process:

- 🔴 Notice of Funding Opportunity Posted
- 🔴 Applicant Pre-Registers/State Approves
- 🔴 Application/Budget Submitted – DEADLINE TBD
- 🔴 Agency Reviews Application/Develops Workplan
- 🔴 Applicant completes Fiscal/Administrative/Programmatic Risk Assessments
- 🔴 Notice of State Award (non-binding)
- 🔴 Agency develops grant agreement/Executed by Grantee

