Section 319 Grant Program – writing a proposal that can be funded

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TODAY'S TALK:

- Overview of 319 Program
- What make a good 319 Grant Application
- Other funding opportunities within IEPA
- Questions…

Section 319 Grants

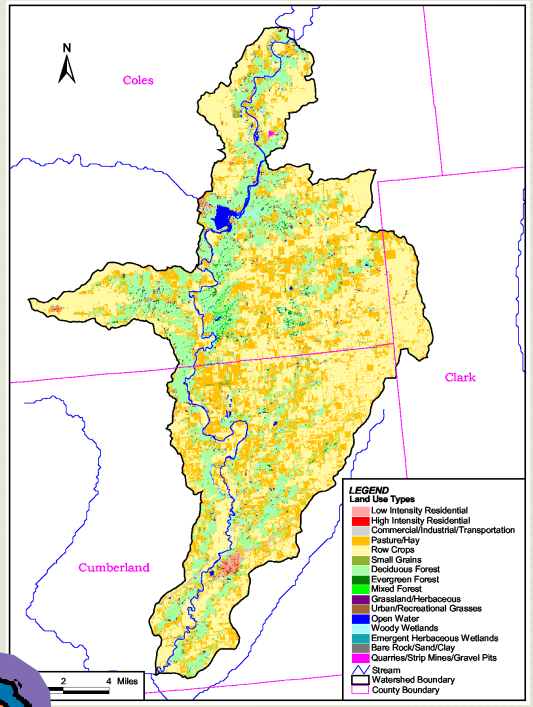
- **Purpose:** to work cooperatively with local units of government and other organizations toward our mutual goal of protecting the quality of water in the state of Illinois by controlling Nonpoint Source **(NPS)** Pollution.

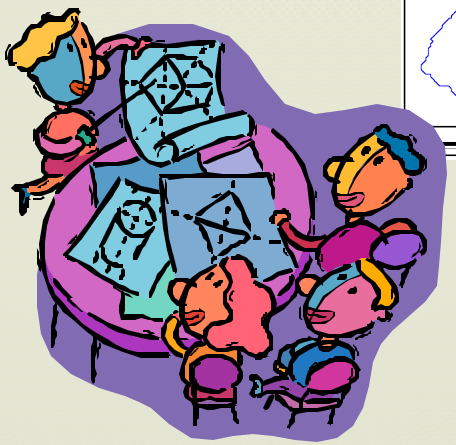
Section 319 Grants

- **Emphasis:**
  - Funding for implementation of cost-effective corrective and preventive Best Management Practices **(BMPs)** on a watershed scale;
  - funding for the demonstration of new and innovative BMPs on a non-watershed scale;
  - development of information/education NPS pollution control programs; and
  - developing Watershed-based Plans **(WBP)**.

Section 319 – Watershed-based Planning

- Step 1: Build Partnerships
- Step 2: Characterize Watershed
- Step 3: Set Goals, Identify Solutions
- Step 4: Develop implementation Program
- Step 5: Implement Plan
- Step 6: Monitor and Evaluate





Planning is good!

http://www.cmap.illinois.gov/uploadedFiles/other_cmap_content/watershed/watershed_files/watershed_guide_FINAL.pdf

http://www.epa.gov/watertrain/planning

www.epa.gov/owow/nps/watershed_handbook

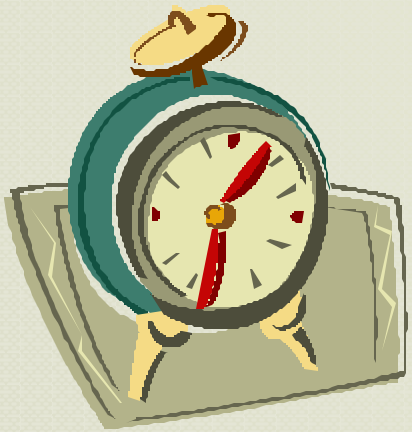
WBP- Nine Minimum Elements

- 1. Identify Causes and Sources of pollution to the waterbody(ies)
- 2. Estimate load reductions expected for the waterbody(ies) to meet Full Use Support
- 3. Description of Best Management Practices recommended for implementation

WBP- Nine Minimum Elements

- 4. Estimate needed technical and financial assistance needed to implement
- 5. Information/Education component

- 6. Implementation schedule

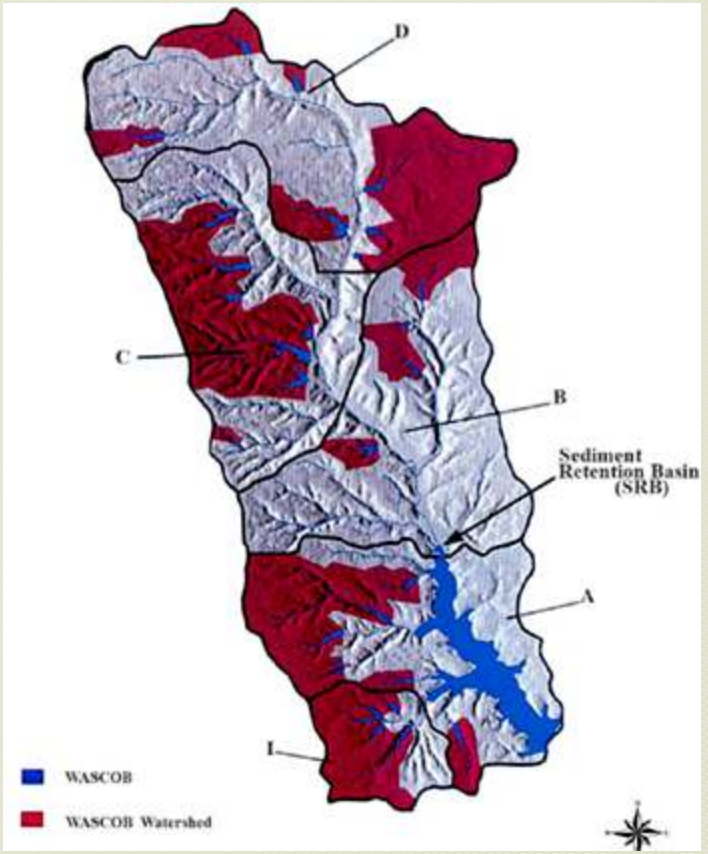


WBP- Nine Minimum Elements

- 7. Interim, measurable milestones
- 8. Criteria to measure success
- 9. Monitoring component to evaluate effectiveness

Section 319 – Watershed-based Plan Implementation

- Full scale implementation of a finalized WBP
  - BMP implementation
  - Information/Education component
  - Monitoring component



Application

- New application and Request for Proposals were announced last spring (2010)
- Application deadline remains the same
  - August 1 annually**
- Is web based

**Application is being updated, however we will accept the current version.

Application for Clean Water Act Section 319(h) Financial Assistance

Illinois Environmental Protection Agency

Nonpoint Source (NPS) Pollution Control Program

For this form to function properly, Adobe Reader 8.0 is required

1. Project Title:

2. Project Applicant (organization)

3. Date Submitted:

Is this project a continuation of another Section 319 funded Project? Yes No

Past Project Name(s)

4. Executive Summary: Click this button to move to the summary page to briefly describe the proposed project. Include: who, what, where, when and why.

Illinois EPA is authorized to require this information under 415 ILCS 5/4(k). Disclosure of this information is required. Failure to do so may prevent this form from being processed and could result in your application being denied. May 2009

7. Status of Watershed Based Plan or Total Maximum Daily Load (TMDL) or TMDL Implementation Plan for project area: (choose all that apply)

View information for the TMDL Report Status

Watershed Based Plan: Completed | TMDL: | TMDL Implementation Plan:

a) Name(s) of the current watershed based plan or TMDL Report:

b) Impairments addressed in plan/report:

c) Plan/report publication approved date(s):

d) Plan/report website link(s): (if available)

8. Project Type: (Check all that apply)

- ☐ Develop a Watershed Based Plan, TMDL, or TMDL Implementation Plan
- ☒ BMP Implementation
- ☐ Information/Education/Outreach
- ☐ Water Quality Monitoring, Social Monitoring/Indicator Effort
- ☐ Other

☐ Check box if project is recommended as part of a local watershed based plan, TMDL, or TMDL Implementation Plan.

16. Illinois EPA Integrated Water Quality Report and Section 303(d) List information:
List all Assessment Unit IDs (AUID) that will be positively impacted by this project. (Add more lines as necessary)

Information requested for Table 20 can be found in alphabetical order by waterbody name by visiting the following links:
2008 Integrated Report for streams; 2008 Integrated Report for lakes

Waterbody Name	AUID[1]	10 Digit HUC[2]	Waterbody Size[3]	Use Attainment[4]	Causes[5]	Sources[5]	Source Doc. Include Year[6]	Document Page No.[7]

Add more lines | Subtract lines

1 AUID is the Illinois EPA Assessment Unit ID
2 HUC is the Hydrologic Unit Code. AUIDs are listed by 10 digit HUC. Twelve digit HUCs may also be entered in Table 20.
3 Give waterbody size as listed in the Integrated Report
4 List all Use Attainments for AUID.
5 List the Cause and Source codes for the AUIDs as reported in the Integrated Report. Do not include local concerns that are not listed in the Integrated Report. If there are no codes enter "N/A" into the appropriate columns
6 Identify the source document and date published.
7 Identify the Integrated Report page number where information was found.

17. Summary of all BMPs to be installed:

BMP Type	Unit Type	Number of Units	Unit Cost	Causes[1]	Restore or Prevent[2]	WBP/TMDL Page No.[3]	Total Cost
	Add more lines		Subtract lines			**Total**	$0.00

1. Identify the NPS Pollution Causes (including local concerns that are not in the Integrated Report) that will be controlled by the BMP.
2. Identify if the practice is being implemented to restore water quality or to prevent future water quality impairments.
3. List page number of watershed based plan or TMDL report that recommends the BMP for NPS pollution control.

21. Does the project include a component for environmental or social indicator monitoring? ☐ Yes ☒ No

For information and guidelines on how to develop a Quality Assurance Project Plan (QAPP), go to: http://www.epa.gov/quality/qs-docs/r5-final.pdf

22. Does the applicant or a project partner have a Quality Assurance Project Plan (QAPP) for the environmental or social indicator monitoring component(s) of this project? ☐ Yes ☐ Under Development ☐ No

23. Total Project Length: (in months) 24

24. Proposed Start Date: 06/06/2012

Start date should be no earlier than 8 months after the application deadline.

28. Project Cost Summary Form

This Project Cost Summary Form MUST be Completed.
If applicable, attach additional pages to the application to document the budget in more detail.

1. Direct Labor (specify labor categories)	Estimated Hours	Hourly Rate	Estimated Cost
Administration			
Professional / Technical	250	$40.00	$10,000.00
		Direct Labor Total	$10,000.00
2. Indirect Costs (specify indirect cost pools)	Rate	Cost Pool	Estimated Cost
Fringe Benefits, holidays, vacation,	50	$10,000.00	$5,000.00
		Indirect Costs Total	$5,000.00
3. Other Direct Costs			
a. Travel			Estimated Cost
(1) Travel			$2,500.00
(2) Per Diem			
		Travel Subtotal	$2,500.00
b. Equip, Materials, Supplies (specify categories)	Qty	Cost	Estimated Cost
bmp materials (seeds, structures)			$50,000.00
		Equipment Subtotal	$50,000.00
c. Subcontracts			Estimated Cost
subcontract company			$50,000.00
		Subcontracts Subtotal	$50,000.00
d. Other (specify categories)			Estimated Cost
		Other Subtotal	
		Other Direct Costs Total	$102,500.00
4. Total (Items 1 through 3)			$117,500.00
5. Section 319 Assistance Amount	60% of Total		$70,500.00
6. Recipient Share	40% of Total		$47,000.00

29. Breakdown & availability of local match:

Organization	Type	Match Amount	Date Available[1]	Source Program	Status
Village of Algonquin	Cash	$25,000.00	6/6/2011		Secure (in hand)
Crystal Lake Park District	In-kind Service	$10,000.00	6/6/2011		Secure (in hand)
City of Crystal Lake	In-kind Service and Cash	$5,000.00	6/6/2011		Secure (in hand)
Construction Company	In-kind Service	$7,500.00	6/6/2011		Secure (in hand)

1 The date that the cash or in-kind service are available to be expended on the project. Cash and in-kind services incurred prior to the execution of the agreement with Illinois EPA are not eligible as match.

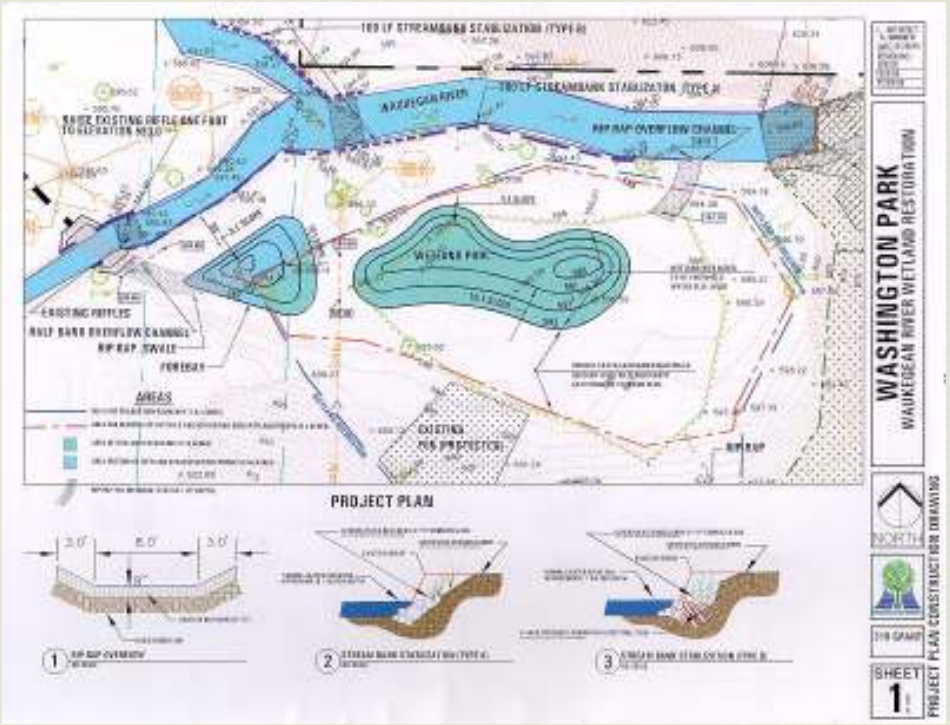
Add more lines Subtract lines

30. Project Partners: List project partners (Attach additional pages as necessary.)

Partner Name	Role/Description of Tasks and Responsibilities

Application Required Information-Problem Statement

- **Listing and Description of BMPs** describe in as much detail as possible what you want to do/install and where.
  - **THEN,** link it back to the impairments identified



Keys

- Have as much design work completed as possible
- Link BMPs to impairments
- Pictures and maps

QUIZ TIME…

- Causes of Impairment
- Sources of Impairment
- Best Management Practices to address impairment

Link Causes and Sources of Impairments to BMPs

Cause or Source of Impairment…	BMP…
Low dissolved oxygen	Chloride reduction education program
Cattle in the stream	Large shallow wetland
Nitrogen	Streambank stabilization
Urban stormwater runoff	Rock riffle installation
Siltation - sedimentation	fencing

Link Causes and Sources of Impairments to BMPs

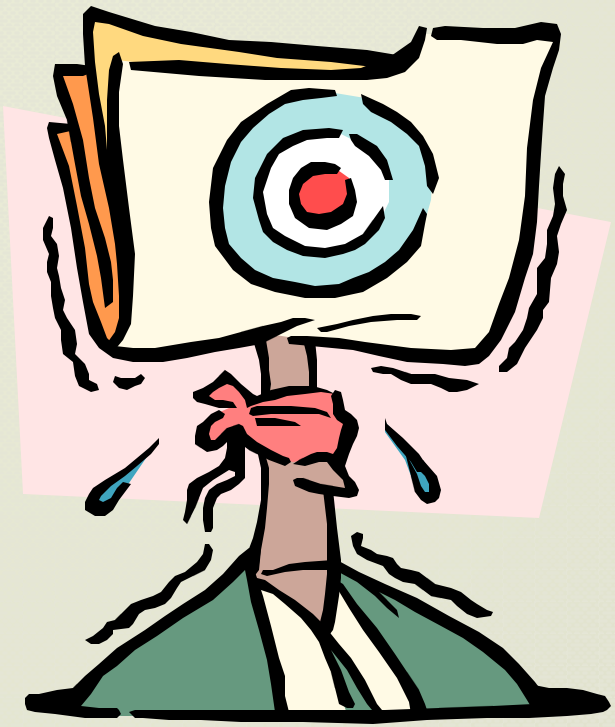
BMP….	Cause or Source of Impairment…
Aeration	Hydrologic modification
Milk house waste lagoon	Urban stormwater runoff
Rock outlet	Excessive algae
Dam removal	Low dissolved oxygen
Permeable parking lot	Fecal coliform bacteria

Quality Assurance Project Plan

- **Monitoring,** if monitoring is part of the project then a Quality Assurance Project Plan **(QAPP)** must be included in the application

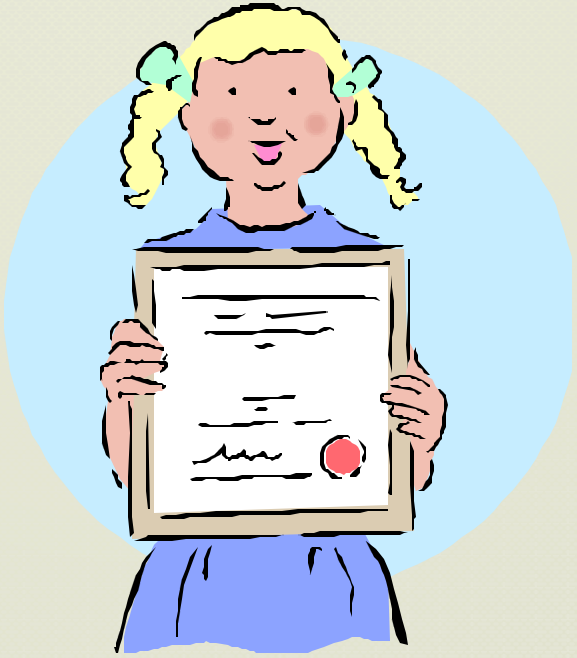
Hints…bad phrases

- Would like to…
- Anticipate…
- Expect to…
- Reduce flooding…
- Increase habitat…



Hints…good phrases

- Will be used for…
- Design work completed…
- Over traditional measures
- Resulting in…
- Measured by…



Other IEPA Grant Programs

- Illinois Clean Lakes Program (Partners for Conservation)
- Streambank Clean Up and Lakeshore Enhancement (SCALE)
- Illinois Green Infrastructure Grant Program (IGIG)
- Infrastructure Loan Program
- Bureau of Land Programs

Applying for Grant Funds – general information

Illinois Clean Lakes Program

- Phase I Diagnostic/Feasibility Projects
- Phase II Implementation Projects
- Priority Lake and Watershed Implementation Projects
- Volunteer Lake Monitoring Program
- Lake Education Assistance Program

Phase I

60% reimbursement
40% matching funds
Maximum $75,000
2 year project

Pre-application due AUGUST 31st; Final application due OCTOBER 31st

NO pre-application due, however a letter of intent and a project cost summary due OCTOBER 31st

Phase II

50% reimbursement
50% matching funds
Maximum $300,000
5 year project

LEAP: LAKE EDUCATION ASSITANCE PROGRAM

- Enhanced lake/watershed education (includes lake festivals)
- Up to $500
- Two Application Periods:
  Sept. 30
  Jan. 31

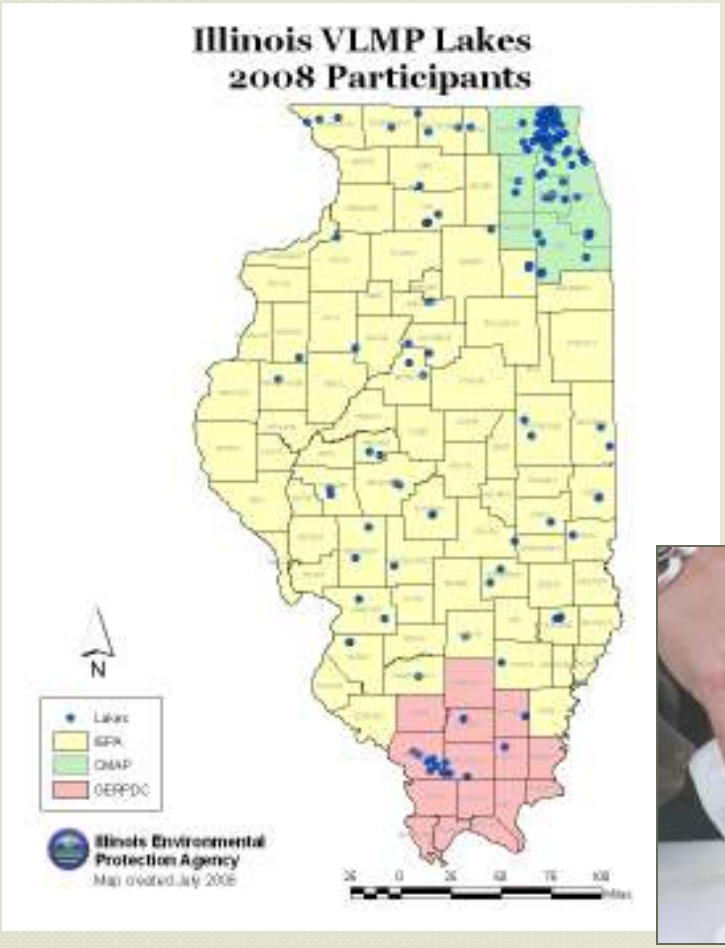
Drains To

Waterway

Lakes and Volunteers

Statewide: ~250 – 300 volunteers at 140 – 180 lakes

(more than 2,000 volunteers at 400+ lakes 1981-2008)



Program Contacts:

- Phase I & II:
- Teri Holland 217/782-3362
- PLWIP & LEAP:
  Steve Kolsto
  VLMP:
- Greg Ratliff

epa.state.il.us/water/conservation-2000/iclp

epa.state.il.us/water/conservation-2000/plwip

epa.state.il.us/water/conservation-2000/leap

epa.state.il.us/water/conservation-2000/vlmp

SCALE

The Streambank Cleanup And Lakeshore Enhancement (*SCALE*) program funds are available to organizations that have established, streambank or lakeshore cleanup.

Selected applicants can receive up to $3,500 for implementation of a streambank or lakeshore clean-up.

applications are available at www.epa.state.il.us/water/watershed/scale.html or by calling 217.782.3362.

Notifications of funding will be made in January annually, funds disbursed during the early spring months

# of apps	# funded apps	$$ awarded	Partici-pants	Miles	Acres	Tons
347	**345**	**$331,750**	**99,460**	**6,147**	**5,674**	**3,019**

2003-2010

GREEN INFRASTRUCTURE

- "means any stormwater management technique or practice employed with the primary goal of preserving, restoring, mimicking, or enhancing natural hydrology. Green infrastructure includes, but is not limited to, methods of using soil and vegetation to promote soil percolation, evapotranspiration, and filtering or the harvesting and reuse of precipitation."

IGIG Key Component…

- Water quality improvements due to stormwater management

- Not flooding, but…

IGIG proposal elements…

- 3 Project categories
- Eligible entities are those that can legally accept funds from the state of Illinois. Expected applicants, municipalities, sanitary districts and watershed groups (or other NFP groups)
  - Projects must be in a CSO community or MS4 community
- Application deadline: look on web summer 2011 for information.

Drains To Waterway

IGIG proposal elements…

- Minimum Match requirement: 15-25% of the total project cost (not of the amount requested).
- Project length 6-36 months, project dependent

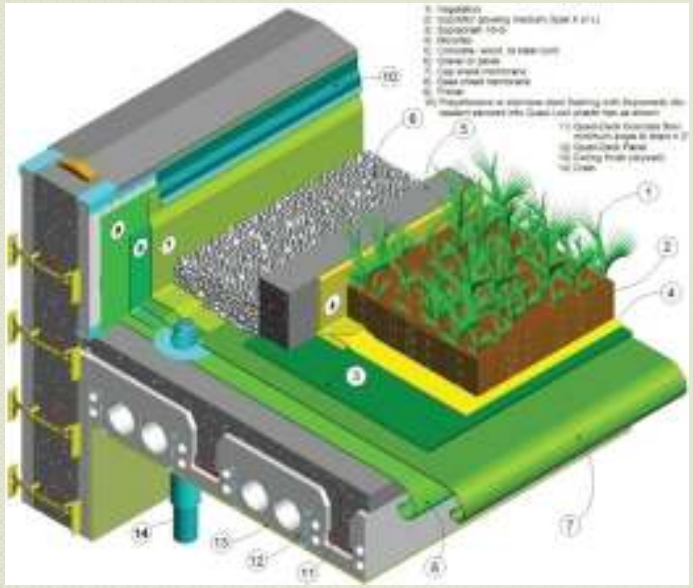
Combined Sewer Overflow (CSO) category

- Grant amounts: $300,000 - $3 million
- Min. match required: 15% of total project
- Project length: six – 36 months
- Piping costs: five percent or less of project costs
- Design costs: 25% or less of project costs

• Priority given to applications that propose to remediate overflows, that are discharging to an impaired waterway **and** are implementing a Long Term Control Plan

Stormwater Retention & Infiltration category

- Grant amounts: $100,000 - $750,000
- Min. match required: 25% of total project
- Project length: six – 36 months
- Piping costs: five percent or less of the project costs
- Design costs: 20% or less of project costs



•Priority given to applications that propose a project that will improve water quality to an impaired waterway. These impairments will be linked to stormwater flows.

Stormwater Retention & Infiltration category

Looking for projects the will have the biggest impact to improving water quality by limiting nonpoint source pollution from entering waterway.

Those waterways that are considered impaired by nonpoint source pollution (stormwater runoff) will be the highest priority.

* This is a good category for "programs" (i.e, rain garden program)

Green Infrastructure Small Project category

- Grant amounts: $15,000 - $75,000
- Min. match required: 25% of total project
- Project length: six – 24 months
- Piping costs: five percent or less of the project costs
- Design costs: 20% or less of project costs

•Priority given to applications that propose to improve water quality by managing stormwater in a highly visible, demonstration site.

Green Infrastructure Small Project category

Looking for projects that will have the biggest impact to improving water quality by limiting nonpoint source pollution from entering waterway.

Those waterways that are considered impaired by nonpoint source pollution (stormwater runoff) will be the highest priority.

Projects that have the highest visibility and public accessibility will receive the greatest priority

IGIG REVIEW…

- Quality and completeness of application
  - Feasibility of the proposed project(s)
- Outputs and outcomes
  - What are you going to do and what will happen
- Environmental significance
  - Probability of improving water quality
- Financial integrity
- Capability
  - Did the applicant show they could implement the project as proposed?

INFRASTRUCTURE LOAN PROGRAM- WATER POLLUTION CONTROL

- Provides low interest loans to units of local government for the construction of wastewater facilities.
- This loan program is capitalized at an annual amount of $65-$75 million with federal and state funds. Additionally, the loan funds being repaid ($40-$50M) are available for loan awards.
- The loans are awarded with a maximum term of 20 years at one-half the market rate (~3%).
- The funds are awarded on a competitive basis with an annual pre-application deadline of March 31.

INFRASTRUCTURE LOAN PROGRAM-DRINKING WATER

Provides low interest loans to units of local government for the construction of community water supply facilities.

This program is capitalized at an annual amount of $30-$40 million with federal and state funds.

The loans are awarded with a maximum term of 20 years at one-half the market interest rate (~3%).

These funds are awarded on a competitive basis with an annual pre-application deadline of March 31.

Priority is given to projects with compliance problems, financial hardship and small community water supplies.

Infrastructure Web Links

- http://www.epa.state.il.us/water/financial-assistance/waste-water/index.html
- http://www.epa.state.il.us/water/financial-assistance/drinking-water/index.html
- **Geoff Andres, 217/782-2027**

Brownfield Program

- Brownfields are abandoned or underutilized industrial or commercial properties, or a portion of such properties, that have actual or perceived contamination and an active potential for redevelopment.

Illinois EPA Promotes the Cleanup and Redevelopment of Brownfields Sites in Four Ways:

- Financial Incentives
- Flexible, risk-based cleanup programs
- Releases from environmental liability
- Partnerships with local governments (Technical Assistance)

Financial Incentives: Illinois Municipal Brownfields Redevelopment Grant (MBRG) Program

- Available only to municipalities – an incorporated city, village or town
- Municipality does not mean a township, county, school district, park district, sanitary district or similar governmental district
- Grants are worth a maximum of $240,000 and municipalities are required to share in any grant award through a 70/30 match
- Funds can be used at any former or current commercial or industrial site, facility, or complex (including LUST sites)

Financial Incentives: Illinois Revolving Loan Fund (RLF) Program

- Loans worth up to $425,000 per site - $1,000,000 per community
- Funds to be used for activities directly related to (& including) site cleanup
- Available only to municipalities who have title to the site(s) in question
- Property must have potential for revenue generation (activities or sale) to pay back the loan amount
- Terms of payment – pay back up to 80% of loan amount, over 15 years, at 0% interest

Office of Brownfields Assistance (OBA)

- Staff, known as brownfields representatives, will travel to communities statewide upon request to evaluate brownfields cleanup potential & eligibility for funding sources
- Will help locate additional resources, explain regulatory program requirements, and assist in the grant and loan application process
- Will assist the community in navigating through the cleanup process so they may make informed decisions along the way

www.epa.state.il.us
(Land>Cleanup Programs>Brownfields Assistance)
(217) 782-6761

I-RID can help fund a clean up in your area!

I-RID (Illinois Removes Illegal Dumps) is an initiative that provides funding to clean up orphan open dump sites.

In an effort to facilitate the removal of waste and prevention of future open dumping, the Illinois EPA started this program to facilitate the removal of waste and the prevention of future dumping on the following types of properties:

- State lands
- County government properties
- Local municipality or township lands
- Abandoned properties
- Public lands
- Public Right-of-Way
- Park or Natural Areas
- Environmental Justice Areas
- Privately owned lands with up to 20 cubic yards of waste

I-RID

- www.epa.state.il.us/land/open-dumps/brochure.pdf

The IEPA may spend up to $50,000 at any *single* site in response to open dumping. The IEPA may spend more if the General Assembly appropriates the funds or if the Director determines that the open dumping poses an imminent endangerment to public health or the environment.

Take Home Messages

- Start early!
- Ask for help
- Know exactly what you want to do; how you want to do it; and reflect that in the application
- Although we need lots of information make it as specific as possible

http://www.epa.state.il.us/water/financial-assistance/non-point.html