



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

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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

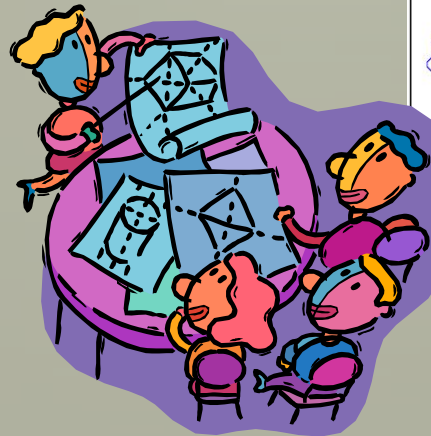
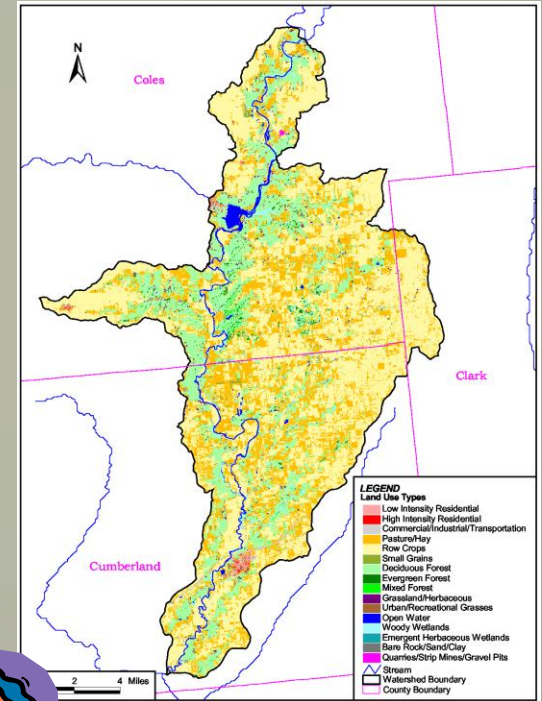
◎ **Emphasis:**

- Funding for implementation of cost-effective corrective and preventive Best Management Practices (**BMPs**) on a watershed scale, as part of a TMDL or WBP;
- 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 1. Identify Causes and Sources of pollution to the waterbody(ies)
- ② 2. Estimate load reductions expected for the waterbody(ies) to meet Full Use Support
- ③ 3. Description of Best Management Practices recommended for implementation

WBP- Nine Minimum Elements

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



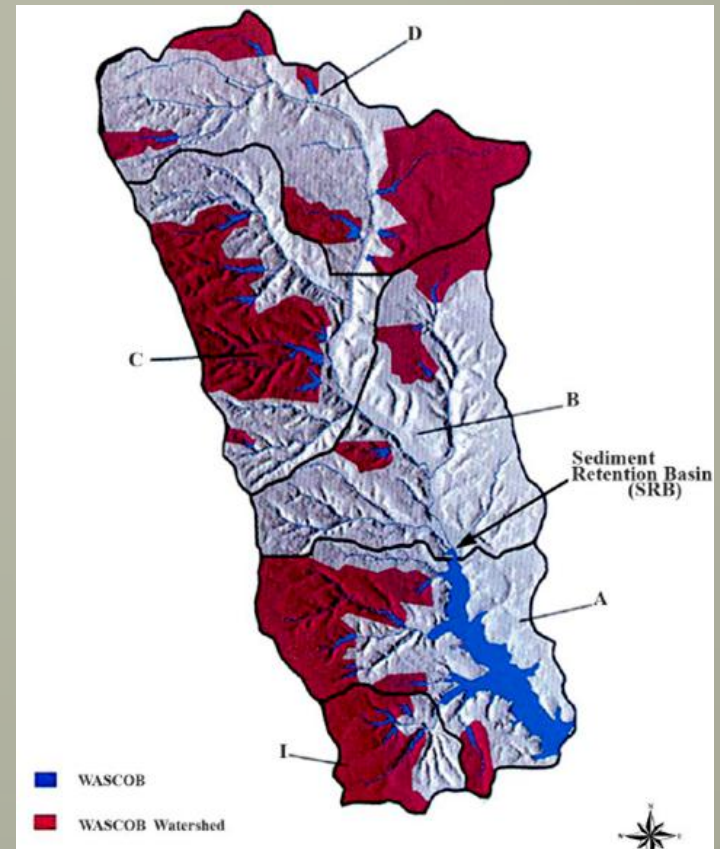
WBP- Nine Minimum Elements

- 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 in the spring of 2010
- Application deadline remains the same
 - August 1 annually*
- Is web based



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:

Project Name -

Application for CWA Section 319 Assistance

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

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.

Project Name -

Application for CWA Section 319 Assistance

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.

Project Name -

Application for CWA Section 319 Assistance

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
<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
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Total							\$0.00

Add more lines

Subtract lines

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.

Project Name -

Application for CWA Section 319 Assistance

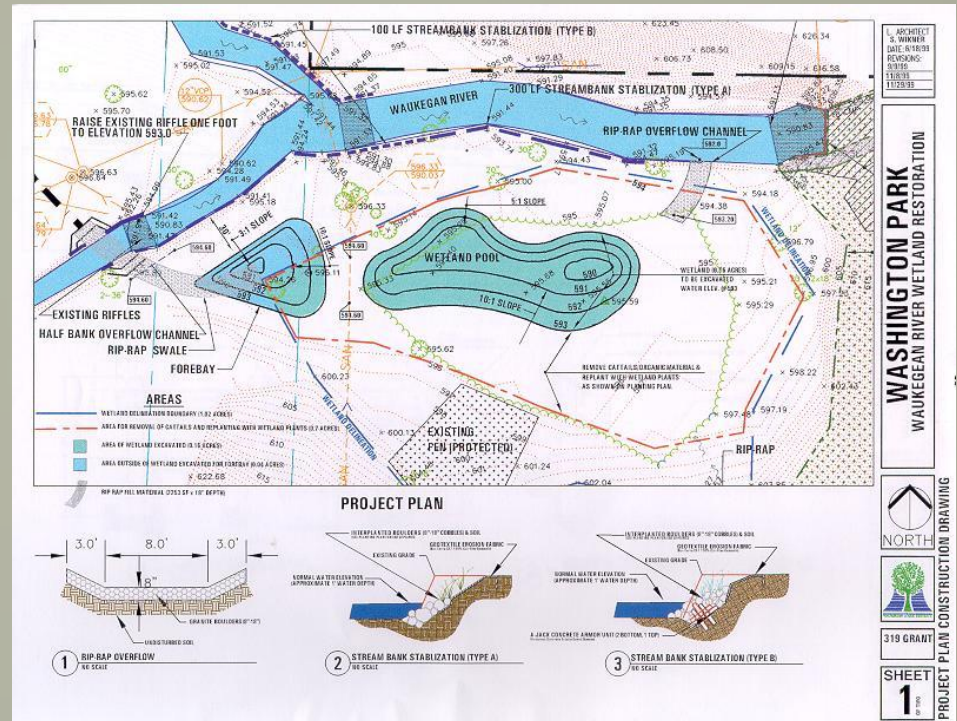
Application Required Information-Problem Statement

- 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
- Cattle in the stream
- Nitrogen
- Urban stormwater runoff
- Siltation - sedimentation

- Chloride reduction education program
- Large shallow wetland
- Streambank stabilization
- Rock riffle installation
- fencing

Link Causes and Sources of Impairments to BMPs

BMP....

Cause or Source of Impairment...

- Aeration
- Milk house waste lagoon
- Rock outlet
- Dam removal
- Permeable parking lot

- Hydrologic modification
- Urban stormwater runoff
- Excessive algae
- Low dissolved oxygen
- Fecal coliform bacteria

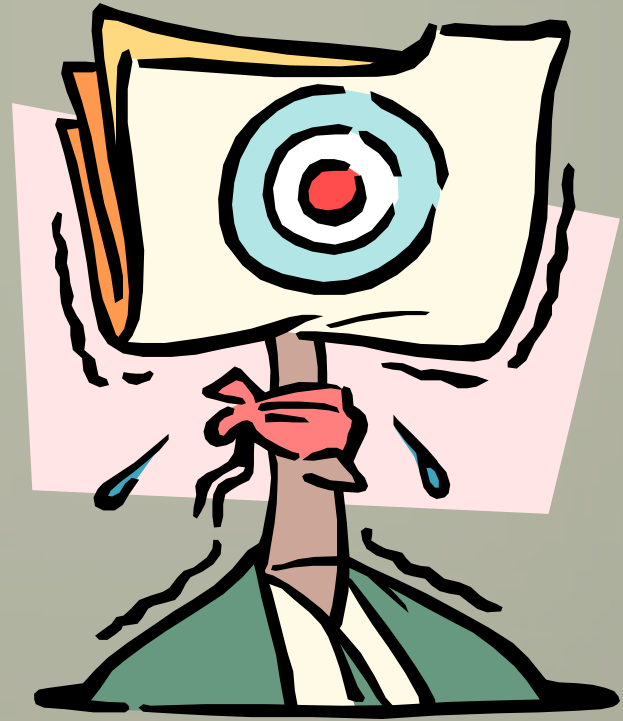
Quality Assurance Project Plan

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



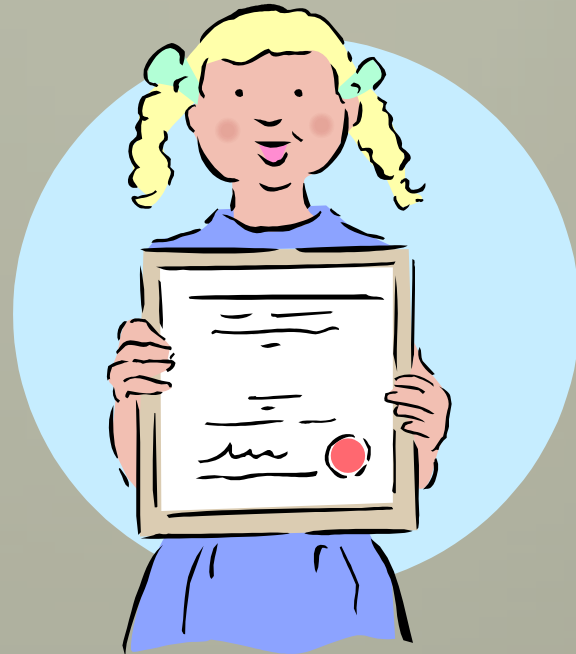
Hints...bad phrases

- 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...



Take Home Messages

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

- 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 **succinct** as possible

