

# Nonpoint Source Management Program Plan



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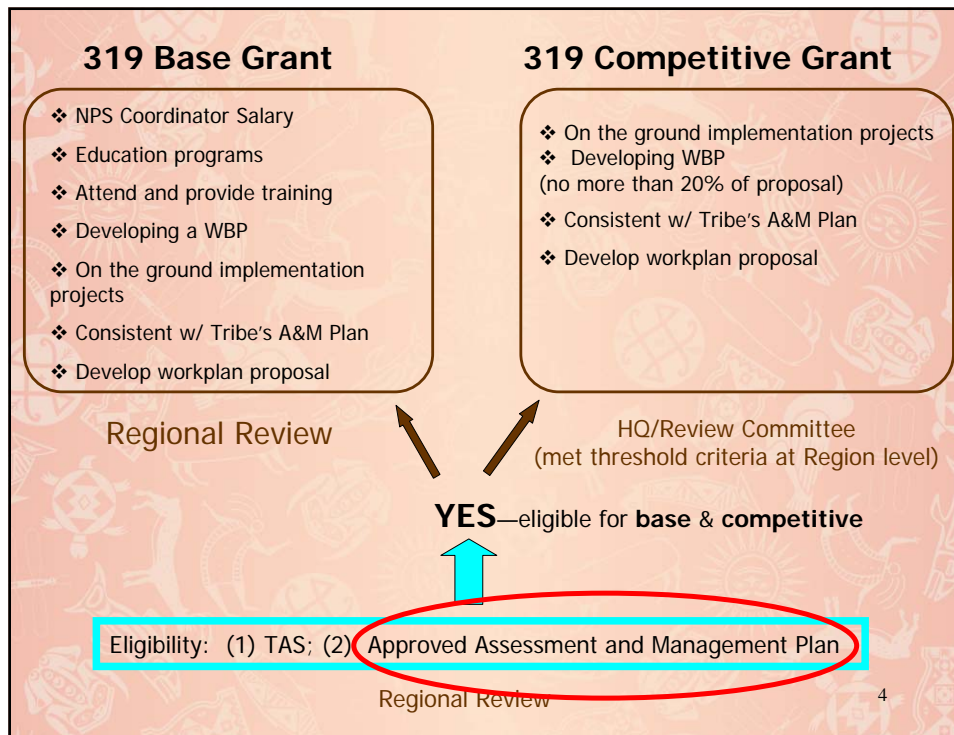
## Nonpoint Source (NPS) Management Program Plan – What is It?

- A multiyear strategy document
- Describes how the Tribe will address problems identified in the NPS Assessment Report
- Identifies projects to implement management practices for pollution prevention
- Identifies working relationships

## Nonpoint Source (NPS) Management Program Plan - Why Write It?

- Foundation of the Tribe's NPS Program.
- Provides a roadmap for future natural resource management actions on tribal lands.

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## **6 Types of Information in the Management Plan**

1. Description of the Best Management Practices (BMPs) and management measures that will be used
2. Description of the programs that will be used to implement the BMPs
3. Schedule of annual milestones for implementation
4. Certification by an independent legal counsel
5. List and descriptions of federal funding and other assistance (other than 319(h))
6. Identification of any federal assistance programs and development projects to be reviewed by the tribe (for their effect on water quality)

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## **Management Measures (MM) Best Management Practices (BMPs)**

- Activities used to prevent or mitigate impacts to water quality
- Can be structural or nonstructural

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## Structural Examples

- Fencing riparian areas: keep livestock out of riparian areas
  - This practice reduces sloughing of stream bank soils due to hoof and head action
  - Streamside vegetation and natural stream bank angles, width, depth, and undercut are maintained



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## Structural Examples (continued)

- Vegetated filter strip
- Streambank restoration
- Culvert removal

## Structural Examples (continued)

- Site cleanup
- Road decommissioning
- Gabions
- Silt fence
- Infiltration basin



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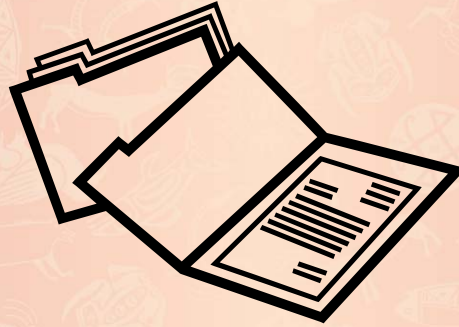
## Nonstructural Examples

- Planning and zoning codes
- Permit Requirements
- Education and Community Outreach
- Conservation Easements
- Farming Practices e.g. Contour Farming, Crop Rotations



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## Introducing: The Document Itself!



A guide to the components of your report.

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## Management Plan: Components

The following sections should be included in your Report:

1. Cover
2. Table of Contents
3. List of Tables
4. List of Figures
5. List of Appendices
- 6. Main body of the report**

(Look familiar?)



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## Main Body of the Report: Contents

1. Overview
2. Introduction
3. Management Program Summary
4. Management Program
5. Existing Authorities and Programs
6. References
7. Appendices (if applicable)
8. Acronym List



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## 1. Overview

- State purpose of this document
- Explain need for NPS management program for tribal lands
- Provide summary of major conclusions of NPS Management Program Plan
- Discuss **only** significant information from the plan: keep this section concise

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## 2. Introduction

- Describe goals and objectives of NPS Management Program
- Describe & Identify
  - o NPS problem areas
  - o Priority waterbodies
  - o BMP solutions
- How the Management Plan will be evaluated and revised

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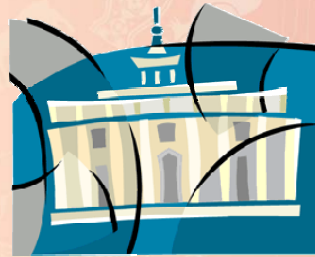
## 2. Introduction (continued)

- Examples:
  - o Goal: to emphasize pollution **prevention** whenever possible in order to minimize the need for more costly cleanup of tribal waters.
  - o Objective: to promote assistance (e.g. financial and technical) to landowners to increase voluntary implementation of BMPs to mitigate pollution.
  - o Found on page 22 of the Tribal NPS Handbook

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### 3. Management Program Summary

- Identify legal authority
- Identify the administering agency
- Explain how program is organized
- Funding mechanisms



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### 4. Management Program

- Organize by NPS pollution categories that are identified as priorities in the assessment report
- Include a list or table of the priority watersheds to be addressed by the NPS Management Program Plan



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## Management Program (continued)

- Organize by NPS Pollution Categories
  - Problems and needs associated with source
  - Information on primary pollutants
  - Percentage of land use associated with NPS pollution category
- Describe NPS management measures (BMPs) that will be implemented
- Provide a schedule including measurable milestones (long-term vs. short-term)
  - Use a table to organize milestone data

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## Management Program (continued)

For each category (BMP), determine (if possible) and include supporting text for:

- Specific BMPs
- Watersheds and Critical Areas
- Lead agency
- Cooperating agencies (identify role, technical assistance)
- Funding schedule and budget plan
- Implementation schedule and milestones  
(Should cover the 4 fiscal years after submitting your plan)

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### Types of BMPS (Example 1)

**Table 1. Existing agriculture BMPs and corresponding NPS category.**

BMP	Nonpoint Source Category (subcategory)
Channel vegetation	Dryland crop production
Fencing	Feedlots/animal holding
Crop residue use	Dryland crop production, Irrigated crop production
Windbreak renovation	Dryland crop production
Range seeding	Rangeland/grazing



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### Types of BMPS (Example 2)

**Table 1. Existing agriculture BMPs by NPS category.**

NPS Category	Nonpoint Source	NRCS Conservation Practice Standards	Responsible Parties/Cooperators	Potential Funding Sources	
Hydrologic & Habitat Modification	Historic Overgrazing, Erosion & Habitat Destruction & Natural Geologic	322	Channel Vegetation	Tribal EPA/NRCS	CWA 319
		390	Riparian Herbaceous Cover	Tribal EPA/NRCS	CWA 319
		395	Stream Habitat Improvement & Management	Tribal EPA/NRCS/USFW/University	CWA 319/USFW
		410A	Grade Stabilization Structures (Rock Drop)	Tribal EPA/NRCS	CWA 319
		584	Stream Channel Stabilization	Tribal EPA/NRCS	CWA 319

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## Management Program (continued)

### *Agriculture Milestones*

Activity	Year 1	Year 2	Year 3	Year 4	Year 5
Demonstration – winter grazing and feeding on Coyote Creek	X				
Implement 4 grazing BMPs on range units 9 and 10 on Little Fox Creek		X			
Monitor range units 9 and 10 for water quality changes		X	X	X	X

### *Silviculture Milestones*

Activity	Year 1	Year 2	Year 3	Year 4	Year 5
Stabilize abandoned logging roads		X	X	X	X

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## Management Program (continued)

- Funding schedule/budget plan

ACTIVITY		FUNDING SOURCE						
Year 1	Est. Cost	Tribe	319	106	GAP	SRF	BIA	NRCS
Activity 1	\$\$	\$	\$	\$	\$	\$	\$	\$
Activity 2	\$\$	\$	\$	\$	\$	\$	\$	\$
Activity 3	\$\$	\$	\$	\$	\$	\$	\$	\$
Year 2	Est. Cost	Tribe	319	106	GAP	SRF	BIA	NRCS
Activity 1	\$\$	\$	\$	\$	\$	\$	\$	\$
Activity 2	\$\$	\$	\$	\$	\$	\$	\$	\$
Activity 3	\$\$	\$	\$	\$	\$	\$	\$	\$
Year 3	Est. Cost	Tribe	319	106	GAP	SRF	BIA	NRCS
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Year 5	Est. Cost	Tribe	319	106	GAP	SRF	BIA	NRCS

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## Management Program (continued)

Identify any additional, long-term objectives for the NPS category.



### Examples include:

- Participate in regional planning efforts that can impact Tribal lands
- Pursue land acquisitions
- Pursue funding from USDA cost share programs
- Restore minimum flows and regulate impoundments
- Develop ordinance for clustered urban development

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## 5. Existing Authorities and Programs

- Identify and describe any tribal or federal NPS pollution laws or programs
  - Include activities associated with each
- Describe any specific programs (in addition to CWA 319) that provide financial or technical assistance (and define roles)
  - Tribal, local, state or federal
- Identify federal assistance programs and development projects to be reviewed by tribes
  - Looking at their effects on WQ or inconsistency with the tribe's NPS management plan



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## Other Sections

- 6. References
- 7. Appendices
- 8. Acronym list



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## Looking for Other Sources of Funding?

- Check the [Catalog of Federal Funding Sources for Watershed Protection](http://cfpub.epa.gov/fedfund/)  
([cfpub.epa.gov/fedfund/](http://cfpub.epa.gov/fedfund/))  
An interactive database

Other sources are linked from the [EPA Watershed Funding](http://www.epa.gov/owow/funding.html) page:  
[www.epa.gov/owow/funding.html](http://www.epa.gov/owow/funding.html)



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## **USDA Funding Sources: Farm Bill Programs**

- Cooperative Forestry Assistance Program
- Environmental Quality Incentive Program (EQIP)
- Conservation Reserve Program (CRP)
- Grasslands Reserve Program
- Wetlands Reserve Program
- Wildlife Habitat Incentives Program
- Small Watershed Rehabilitation Program
- Water and Waste Disposal Systems for Rural Communities

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## **Summary: Please cover the following** **(1 of 6)**

- A description of BMPs and measures that will be used to reduce pollutant loadings resulting from each category and subcategory of nonpoint source pollution identified in the assessment report. The impact of the practices on ground water should also be discussed.

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**Summary: Please cover the following**  
**(2 of 6)**

- A description of the programs that will be used to achieve implementation of the BMPs identified in paragraph (1). These may include, as appropriate, nonregulatory or regulatory programs for enforcement, technical assistance, financial assistance, education, training, technology transfer, and demonstration projects.

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**Summary: Please cover the following**  
**(3 of 6)**

- A schedule containing annual milestones for the implementation of the BMPs and programs identified in paragraphs (1) and (2).

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**Summary: Please cover the following**  
**(4 of 6)**

- A certification by an independent legal counsel that the laws of the tribe provide adequate authority to implement such a management program, or if there is not adequate authority, a list of additional authorities that might be necessary to implement the management program. There should also be a schedule and a commitment by the tribe to seek such additional authorities as expeditiously as practicable.

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**Summary: Please cover the following**  
**(5 of 6)**

- A list and descriptions of any sources of federal and other assistance/funding (other than 319(h)) that will be available for supporting the implementation of the nonpoint source pollution control measures identified in the tribe's nonpoint source management program.

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**Summary: Please cover the following**  
**(6 of 6)**

- Identification of any federal assistance programs and development projects to be reviewed by the tribe for their effect on water quality or inconsistency with the tribe's nonpoint source management program.

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**Questions?**



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