

Texas Nonpoint Source Pollution Program



Mark Palmie

Program History

-1987 CWA §319(h) NPS grant program

- Prioritized funding for
 - Difficult / serious NPS problems
 - Innovative NPS controls (BMPs and regulation)
 - Interstate NPS problems
 - Ground water quality protection

-1999 & 2005 Texas NPS Management Programs

Nonpoint Source Pollution (NPS)

- Unlike pollution from industrial and sewage treatment plants, **NPS pollution comes from many diffuse sources.**
- NPS pollution is caused by rainfall moving over and through the ground,
 - picking up and carrying away natural and human-made pollutants,
 - finally depositing them into lakes, rivers, wetlands, coastal waters, and underground water.

NPS Management Programs in Texas Funded by CWA §319(h)

- TSSWCB (50% of funds)
 - Silviculture
 - Agriculture
- TCEQ (50% of funds)
 - Urban
 - Work that is not covered in the MS4 management plans
 - Rural
 - Non-silvicultural activities
 - Non-agricultural activities

319 Grant Funding

- **60% - Federal Funds (provided by EPA)**
 - Through the State NPS Program
- **40% - Required match**
 - Non-federal funds
 - State funds (other state agencies; rarely provided by TCEQ)
 - Locals funds

Matching Sources

- Cash (salaries, fringe benefits)
- In-kind (third party services)
- State Revolving Fund (SRF) loans

Grant Recipients

- State agencies
- Cities
- Counties
- River Authorities
- Public Universities
- COGs
- Other Political Subdivisions of the State

Subcontractors

- Governmental Entities
- Private Non-Profit Organizations
- Private For Profit Organizations

CWA §319(h) Funding

“Base”

- 50% of funding
- Can go to any purpose Identified in the:

Texas NPS Management Program

CWA §319(h) Funding

Incremental

- 50% of funding
- Must address restoration of:
 - a water body not meeting the standards set for supporting its designated use(s)
(water bodies on the 303(d) List)
- **TMDL Implementation Plan**
- Watershed Protection Plan

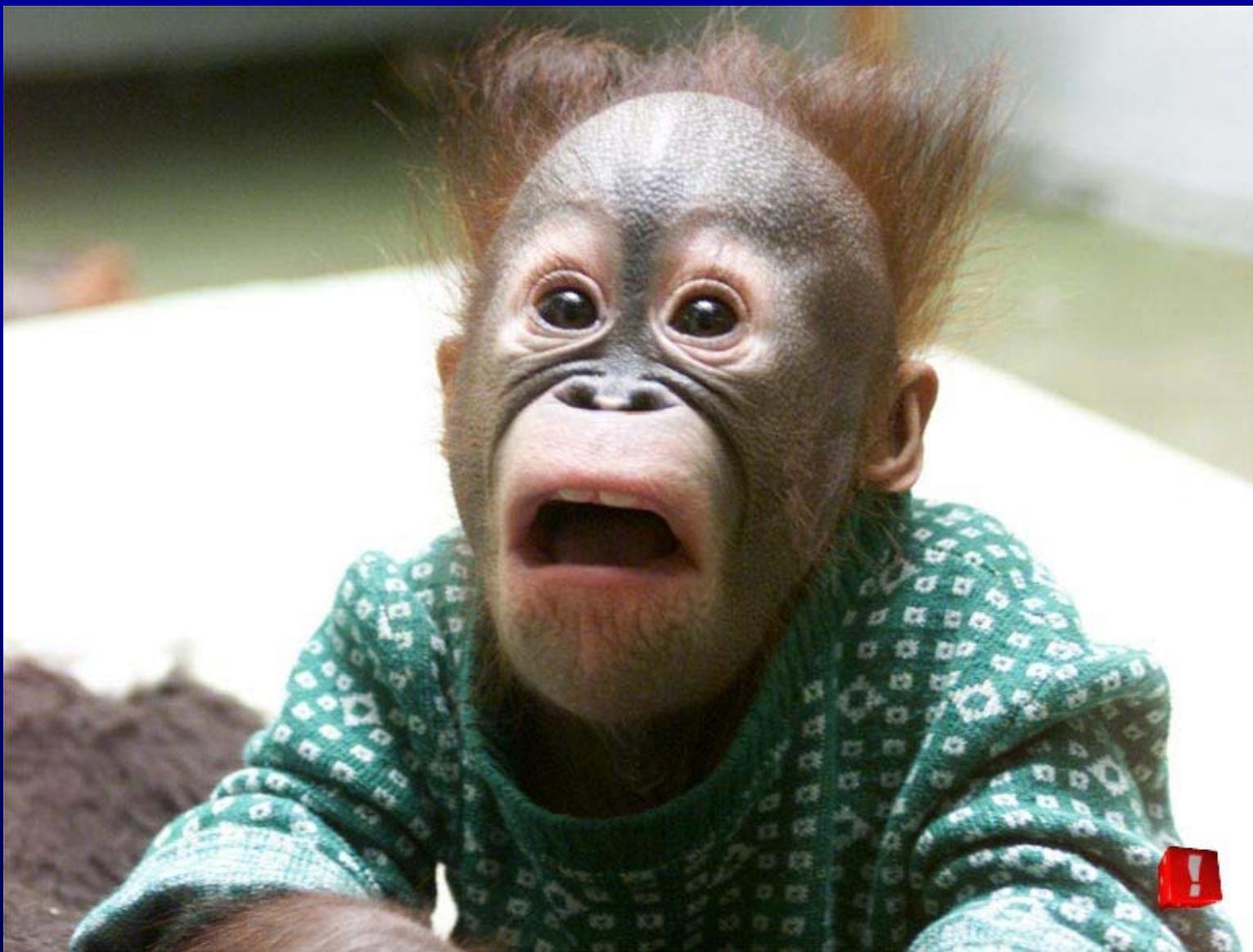
CWA §319(h) Project Types

- **Monitoring & Assessment**
 - Determine pollutant loads
 - Identify sources and causes
 - Verify effectiveness
- **Planning**
 - Watershed Protection Plans
 - TMDLs
 - TMDL Implementation Plan
- **Implementation**
 - BMPs
 - Improve water quality
 - Show load reductions
 - Education and Outreach

319 Program Guidelines

2004 EPA Revised 319 Guidelines:

- Remove water bodies from the 303(d) List
- Demonstrate pollutant load reductions
(Nitrogen, Phosphorus & Sediment)



Applicants Reaction

“Did they say they want load reductions?”

Demonstrating Water Quality Improvements

- Monitoring
 - In stream water quality
 - Trends
 - Pounds of pollutant loading reduced
- Modeling
 - Pounds of pollutant loading to be reduced
 - Must document the basis for the **predicted** load reduction

City of Denton (Ken Banks)

Airport BMP









North Central Texas Council of Governments

Integrated Storm Water Management



319 Grant Cycle

- Request for Grant Application
This Fall
- 3 year projects
- \$5.5 million in projects for FY 09

Questions?



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