

Community Name
 Community Data Collection Contact Person

	Requested Data	Data Format			Data Status		
		Response	Digital	Paper Only	Web Site - Provide <u>Exact</u> Link	Provided	Outstanding
	<u>Demographics</u>						
1	What is the total population of your community?						
2	What is the population of your community's named NPDES Phase II (MS4) area?						
3	What is the population of your community's Non-NPDES Phase II (MS4) area?						
4	What is the approximate breakdown of residential versus commercial properties?						
5	What is the average income of your community?						
	<u>Regulatory/Permit</u>						
6	Copy of 2003 Original Five-Year NPDES Phase II (MS4) Plan Submitted to EPA						
7	Copy of 2004 NPDES Phase II Annual Report						
8	Copy of 2005 NPDES Phase II Annual Report						
9	Copy of 2006 NPDES Phase II Annual Report (when applicable)						
10	Copy of Stormwater Master Plan - if available						
11	Copy of Five Year Capital Improvements Plan - if available						
12	Copy of City/Countywide Comprehensive Plan - if available						
13	Any Other Stormwater Federal/State or Local Plan(s) that Differs From the Above Listed Stormwater Plans						
14	List of Community Owned Stormwater Assets						
15	Plan Review Database for the Past 5 Years						
16	Reliable Population Growth Projections - annually through 2012						
17	List of Named Phase II Communities Within the County						
18	List of Non Phase II Townships and Communities Within The County						
19	List of Named Phase II Communities Within the Watershed						
20	List of Non Phase II Townships and Communities Within The Watershed						

For the Following, List the Known and Estimate the Number of Unknown in Numbers or Percent of Total System

Known Unknown

- 21 List the Miles of Stormsewers in Your Community's System
- 22 List the Miles of Roadways in Your Community's System (Breakdown Federal/State/County/City)
- 23 List the Miles of Curb and Gutter in Your Community's System (Breakdown Federal/State/County/City)
- 24 List the Miles of Street Sweeping in Your Community's System (Breakdown Federal/State/County/City) and the Frequencies
- 25 List the Number of Bridges in your Community's System
- 26 List the Number of Inlets in your Community's System
- 27 List the Number of Catch Basins in your Community's System
- 28 List the Number of Culverts in your Community's System
- 29 List the Number of Rivers in your Community's System
- 30 List the Number of Streams in your Community's System
- 31 List the Number of Creeks in your Community's System
- 32 List the Number of Ditches in your Community's System
- 33 List any Drainage/Ditch/Conservancy Special Assessment Already in Place with Your Community and the Dollars Collected Annually
- 34 List the Bumber of Stormwater Related Complaints for the Past 3 Years
- 35 Organize the List of Complaints by Category for the past 3 years for your Communty
- 36 Organize the List of Outstanding Maintenance Work Orders by Category for the past 3 years for your Communty
- 37 Organize the List of Outstanding Capital Improvements Work Orders by Category for the past 3 years for your Communty if Different than above
- 38 Organize the List of Outstanding Repair/Replace Work Orders by Category for the past 3 years for your Communty

Management/Administrative

- 39 Provide any Written or Unwritten Policies for Your Community Relating to Stormwater Management
- 40 Provide Zoning Regulations Manual, if applicable
- 41 Provide Erosion and Sedimentation Manual, if applicable
- 42 Provide Development/Subdivision Regulations Manual, if applicable
- 43 Provide any Manuals that Relate to Stormwater Rules and Regulations for Your Community
- 44 Provide Floodplain Management Manuals/Regulations
- 45 Is Your Community a Member of the FEMA Community Rating System for Flood Insurance?

GIS / Billing System

- 46 Provide a List of Features Contained in Your Communities GIS System
- 47 Does Your GIS Contain Impervious Area Features for Some or All Properties?
- 48 Is the GIS database consistent with the Engineering Department and/or Property Tax Office or both
- 49 Does Your Community Have a Water and/or Sewer Billing System. If so, List the Name
- 50 Is the Water/Sewer Billing System Integrated with the GIS?
- 51 Is the GIS database tax parcel based?
- 52 List the Number of Parcels in Your Community
- 53 Please provide a digital copy of the GIS database or at Least a List of Parcels By Land Use Classification

Financial Information

- 54 List the Current Funding Policies for Your Community Relating to Stormwater Management, if any
- 55 List the Current Bonding/Debt Financing Policies for Your Community Relating to Stormwater Management, if any
- 56 List the Current Financing Policies for Your Community Relating to Water/Sewer or Solid Waste, if any
- 57 2006 Operating Budget - County Engineer
- 58 2005 Operating Budget - County Engineer
- 59 2004 Operating Budget - County Engineer
- 60 2003 Operating Budget - County Engineer
- 61 2006 Operating Budget - Streets/RoadwayDepartment
- 62 2005 Operating Budget - Streets/RoadwayDepartment
- 63 2004 Operating Budget - Streets/RoadwayDepartment
- 64 2003 Operating Budget - Streets/RoadwayDepartment
- 65 Copy of Financial Chart of Accounts for all Stormwater Depts
- 66 Provide Any Engineering Department Budgets for Stormwater Management
- 67 Salaries and Fringe Rate for Any Other General Fund Employees Performing Stormwater Activities

Legal

68 Provide All Stormwater Related Ordinances

Information From Street/Road Maintenance Department

69 Crew Configurations For Specific Stormwater Activities

70 Employee Classifications and Corresponding Salaries Including Benefits Monthly or Annually

71 Equipment Used to Perform The Activities

72 Types of Maintenance Activities and Frequency

73 Types of Maintenance Not Being Performed But Should Be

Examples of Community Departments That Need To Provide Information for the Stormwater Study

74 List of "Other" Departments/Agencies Performing Stormwater Activities

75 Planning Agencies

76 Wastewater Departments

77 Water Departments

78 Solid Waste Departments

79 Sanitary/MSD Districts

80 Parks and Recreations Departments

81 Emergency Management Agencies

82 Health Departments

83 Soil and Water Districts/Agencies

84 Facilities and Maintenance Departments

Examples of Community Stormwater Activities Needed For This Analysis

85 List of Possible Engineering Related Stormwater Activities

Customer Service / Dispatch Time Taking/Loggng Stormwater Complaints
Floodplain Management
Infrastructure Site Inspection
Street Re-Construction Improvements
Budgeting
Complaint Management
Complaint Management Customer Response
Complaint Management Inspection
Complaint Management Solution Design
Complaint Management Call Tracking
Capital Improvements Planning
Capital Improvements Project Design
Master Planning
Site Plan Drainage Review
Site Plan Maintenance
System Inventory
GIS System Maintenance
GIS Hardware and Software Purchases
GIS Mapping Maintenance
GIS Planning
Bridge Inspections
Bridge Inspection Fees
Corps of Engineers Inspections
Corps of Engineers Inspection Fees
Corps of Engineers Inspection Reporting
Inspection - Construction Site
Inspection - Detention Basin - Private
Inspection - Detention Basin - Public
Inspection - Retention Basin - Private
Inspection - Retention Basin - Public

Inspection - Detention Basin - Residential Subdivision
Inspection - Retention Basin - Residential Subdivision
Construction - Management
Construction - Contractor Bid Selection
Construction - Bid Preparation
Construction - Design
Construction - Contract Management
Constructon - Contractor Management
Customer Response
Construction - Contractor Selection/Bids
Construction - Contract Preparation
Construction - Contract Management
Construction - Contract Administration
Consultant Selection
Consultant Management
Inspection
CIP Planning
CIP Project Design
Support For Maintenance Dept
Site Plan Review - Drainage
GIS Plan Development
GIS Map Maintenance
GIS Software Maintenance Agreements
NPDES Phase II Permit - Management
NPDES Phase II Permit - Annual Permit Fee
Administration
Backyard Drainage Complaint Solution Design
Bridge Inspection - Woodridge Dr. Bridge
Dam Inspection
FEMA - FIRM Review and Revise
FEMA - Map Assistance
Inspection - Development
Site Plan Drainage Review - Development
Stormwater Program Management
Hydrologic Consulting Assistance
CRS
Annual Billing Software Maintenance Agreement
Floodplain Ordinance Review and Revise
New Floodplain Ordinance Inspector
Realtor/Title Co Flood Certification
Stream Restoration (Riparian Zone)
Floodplain Preservation

86 List of Possible Maintenance Related Stormwater Activities

Customer Service / Dispatch Time Taking/Logging Stormwater Complaints
Storm Sewer Repair
Storm Sewer Manhole Repair
Catch Basin Cleaning - Routine
Catch Basin Cleaning - Pre Rain Event
Catch Basin Cleaning - During Rain Event
Catch Basin Cleaning - Post Rain Event
Minor Culvert Repair (under 36")
Major Culvert Repair (36" and larger)
Minor Culvert Replacement (under 36")
Major Culvert Replacement (36" and larger)
Storm Sewer Line Installation (new)
Catch Basin Repair - Routine
Catch Basin Repair - Emergency
Catch Basin Replacement
Ditch Clearing
Ditch Dredging
Stream Clearing
Stream Bank Restoration
Stream Dredging
Storm Sewer Manhole Replacement
Creek Bank Mowing
Levee Maintenance
Storm Sewer Pump Station Repair
Storm Sewer Pump Station Replacement
Storm Sewer Pump Station Maintenance
Bridge and Creek Debris Clearing
Street Sweeping
Detention Basin Mowing
Detention Basin Repair
Retention Basin Mowing
Retention Basin Repair
Vegetation Spraying
Sampling and Sampling Analysis
Emergency Response
Leaf Pickup
Street Sweeping Waste Dumping
Street Sweeping Waste Dumping Fee
Leaf Waste Dumping
Leaf Waste Dumping Fee
Storm Sewer Line Cleaning
Storm Sewer Line Inspection
Litter Collection Prior to Mowing
Litter Disposal
Litter Disposal Fee

Curb Repair
 Curb Replacement
 Curb Installation - New
 Contract - Street Sweeping
 Stormwater Administration
 Drainage Complaints
 Field Inspect Drainage Complaints
 Vector Crew
 Water Hauling During Rain Event
 Raking of Waste at Wastewater Facility/Dumpster Loading
 Disposal of Vector Waste From Dumpster
 Vector Maintenance and Parts
 Placement of High Water Signs - Regular Hours
 Placement of High Water Signs - Overtime Hours
 Mowing Levee, Diversion Ditch, Ditches, Dikes, Etc.
 Storm Sewer Line Repair
 Dike Mowing
 Mowing Levee, Diversion Ditch, Ditches, Etc.
 Aquatic Weed Control Program - Contracted
 Back of Curb Drainage Program
 Catch Basin - Routine Inspection
 Catch Basin / Inlet Replacement
 Catch Basin / Inlet Replacement - Increased
 Catch Basin Cleaning - Post Rain Event
 Catch Basin Cleaning - Routine
 Catch Basin Frame and Grate Repair
 Catch Basin Minor Repair - Routine
 Catch Basin Routine Inspection
 Culvert Replacement - Emergency
 Culvert Replacement - Routine
 Data Enter Inspection Results / Create Work Order
 Detention/Retention - TV Inspection
 Detention/Retention Basin Mowing
 Detention/Retention Basin Repair
 Dumping Fees - Transfer Station - Catch Basin Waste
 Dumping Fees - Transfer Station - Street Sweeping Waste
 Headwall Repair
 Inspection - Detention / Retention Basin
 Storm Sewer Line - Flushing
 Storm Sewer Line - Flushing - Increased
 Storm Sewer Line - TV Inspection
 Storm Sewer Manhole Repair - Contracted
 Street Sweeping - Contracted
 Annual Levee Maintenance
 Asphalt Crew
 Beaver Control (Contract)
 Concrete Crew
 Construction Maintenance Materials and Supplies
 Culvert Repair and Materials - SW Fund

Ditch Maintenance
 General Maintenance
 GPS - Data Gathering For Stormwater Hot Spots
 Hazardous Spills Response
 Laboratory Testing Services
 Leaf Pickup - Borrowed Help
 Masonry Crew
 Monitoring Stations
 Preventive Maintenance
 Stormwater Pump Station - O&M
 TV Truck Usage
 Concrete Crew
 Purchased Services
 Materials and Supplies
 Vehicles and Travel
 Insurance, Small Capital and Gov't Charges

87 *Examples of Maintenance Crew Configuration Needed For This Analysis*

Stormwater Preventative Maintenance Crew Example

Labor Example

2 Crew Workers @ \$10.00 /hr X 10 hrs / year = \$200
6 Crew Worker Seniors @ \$10.00 /hr X 10 hrs / year = \$600
2 Heavy Equipment Operators @ \$20.00 /hr X 10 hrs / year = \$400
2 Equipment Operator Seniors @ \$20.00 /hr X 10 hrs / year = \$400
2 Truck Drivers (Operators) @ \$20.00 /hr X 10 hrs / year = \$400
2 Crew Supervisor Seniors @ \$25.00 /hr X 10 hrs / year = \$500

Total Stormwater Preventative Maintenance Activity = **\$2,500**

Equipment Example

2 - One Ton 4x4 CrewCab Pickups X \$20.00 / hr @ 8 hrs = \$320.00
2 - Single-Axle Dump Trucks X \$20.00 / hr @ 8 hrs = \$320.00
2 - Tandem Dump Trucks X \$20.00 / hr @ 8 hrs = \$320.00
2 - Trackhoes X \$20.00 / hr @ 8 hrs = \$320.00
2 - Bulldozers X \$20.00 / hr @ 8 hrs = \$320.00
1 - Mini Excavator and Trailer X \$20.00 / hr @ 8 hrs = \$160.00

Total Stormwater Preventative Maintenance Equipment = **\$1,760**

Materials Example

List Cost of All Materials = **\$1,500**

Total Annual Cost For Preventative Stormwater Maintenance = **\$6,760**