



October 4, 2007

Ruth Wallace
Missouri Department of Natural Resources
1101 Riverside Drive
Jefferson City, MO 65102

RECEIVED

OCT 11 2007

WATER PROTECTION PROGRAM

Re: Phase II Stormwater Permit
APPLICATION
Jasper County, Missouri
NPDES Permit #MO-R040048

Ruth Wallace:

Please find enclosed the following documentation for the Phase II Stormwater MS4 General permit application.

Form K
Form M
Outfall Maps
Stormwater Management Plan

If you have any question please call (417) 781 - 0643

Sincerely,

Tri-State Engineering, Inc.
Clayton Cristy, P.E.

Jasper County, Missouri

PHASE II STORM WATER PERMIT

INFORMATION ON THE PERMITTEE:

Name of Permittee: Jasper County, Missouri
Type of Entity: County
Total Area (acres): 9 square miles = 5760 acres
Mailing Address: Room 101 Jasper County Courthouse
Carthage, MO 64836
Primary Contact: Anthony (Tony) Moehr, Director of Jasper County
Health Department
Phone Number: (417)-358-0481
Secondary Contact: Clayton Cristy, Tri-State Engineering, Inc.
Phone Number: (417)-781-0643

INFORMATION ON THE MUNICIPAL SEPARATE STORM SEWER SYSTEM:

MS4 System Location: Jasper County, Missouri (See Map for System
Location)
Name of Organization: Jasper County, Missouri
County Permittee Resides: Jasper County
There are major receiving waters within the permitted area.
Center Creek, Turkey Creek, and Short Creek

The receiving waters are on the latest CWA's list of impaired
waters: N/A
Received certification that their SWMP requires with the
requirements of Part 3.1: N/A

INFORMATION ON ADJACENT WATERWAYS:

The Permittee is within 100 feet of: streams, creeks, small
ponds
The Permittee is within 100 feet of waters classified as major
reservoirs: N/A
None of the Permittee's area is defined as wetland.
The Permittee has received a CWA, Section 404 permit from the
U.S. Army Corps of Engineers: N/A
Stormwater from Jasper County does not discharge to a sinkhole.

INFORMATION ON CRITICAL AREAS:

There are threatened or endangered species in the area:
See Page 2

The Permittee has met eligibility criteria for protection of threatened or endangered species.

There are critical habitats in the area: See Page 2

The Permittee has met eligibility criteria for protection of critical habitats.

There are no historic properties in the area.

Endangered Species:

County	Species	Status	Habitat
Jasper	Gray Bat (Myotis grisescens)	Endangered	Caves
Jasper	Arkansas Darter (Etheostoma cragini)	Candidate	Rivers
Jasper	Neosho Madtom (Noturus placidus)	Threatened	Rivers
Jasper	Ozark Cavefish	Threatened	Caves in the Boone and Burlington limestone formations of the Ozark Mountains

4.2.1 PUBLIC EDUCATION AND OUTREACH ON STORMWATER IMPACTS

4.2.1.1 Permit Requirements:

Jasper County has implemented a public education program by distributing educational materials to the community and conducting outreach activities. The focus of these efforts is to educate the public with activities discussing the impact of storm water discharges on water bodies and the steps the public can take to reduce pollutants in storm water runoff.

4.2.1.2 Decision Process:

Jasper County developed their storm water public education and outreach program in cooperation with other jurisdictions in the region. The target pollutants were identified and prioritized. The actions that impact the target pollutants were identified. The public education program was designed to impact the actions identified.

The following is a prioritized list of the leading pollutants, experienced in the permitted area, that are carried by storm water runoff into water bodies. (1 having the most impact and 10 having the least impact).

<u>2</u>	<u>Suspended Solids</u>
<u>8</u>	<u>Nutrients</u>
<u>6</u>	<u>Pesticides</u>
<u>6</u>	<u>Metals</u>
<u>7</u>	<u>Bacteria</u>
<u>6</u>	<u>Oxygen-Depleting Substances (BOD & other organics)</u>
<u>6</u>	<u>Oil and Grease</u>
<u>10</u>	<u>Salinity (Salt)</u>
<u>10</u>	<u>Priority Toxic Organic Chemicals (Household Hazardous Waste Pesticide/Herbicides)</u>
<u>5</u>	<u>Habitat Alterations</u>

4.2.1.2.1 INFORM PUBLIC ON STEPS:

Jasper County will inform individuals and households in the community about the steps they can take to reduce storm water pollution with the following programs:

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
Maintain Library of Storm Water Educational Materials			X	X	X
Distribute Brochures and Fact Sheets (See Table 1-1)	X	X	X	X	X
Public Awareness Campaign					
Post Storm Water Quality signs in Public Buildings			X	X	X
Issue Press Release Regarding local storm water issues	X	X	X	X	X
Publish articles in Local Newspaper	X	X	X	X	X

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
TABLE 1-1					
Water Conservation for Homeowners			X		
Household Hazardous Waste Disposal		X		X	
Pest Control	X		X		X
Pollution Prevention for Businesses		X		X	

4.2.1.2.2 HOW TO BECOME INVOLVED:

Jasper County will inform individuals and groups on how to become involved in the storm water program by providing those instructions in all materials distributed to the public. This is described in more detail on 4.2.2. Public Involvement / Participation.

4.2.1.2.3 TARGET AUDIENCES

During the development of the educational program, Jasper County identified the sources of storm water pollutants that needed to be reduced to improve overall water quality. The target audiences were selected because changing their behavior would have a significant storm water quality impact on the target pollutants. The target audiences for the public education program are:

1. Citizens (Homeowners)
2. Service Station and Oil/Lube Business Owners and Operators

- 3. Developers and Home Builders
- 4. Elected Officials
- 5. County Staff
- 6. Children

4.2.1.2.4 TARGET POLLUTANT SOURCES:

The target pollutant sources having a major impact on storm water quality were identified. The following is a list of potential sources of pollutants that are experienced in the permitted area. (1 = Major Impact, 2 = Minor Impact, 3 = Not an impact)

- 1 Construction Activities (sediment, construction chemicals and debris, solid and sanitary wastes)
- 2 Overapplication of fertilizer herbicides, pesticides
- 3 Improper disposal of paint and household hazardous chemicals
- 3 Pet Waste Contamination
- 3 Improper disposal of waste oil, grease and gasoline disposal
- 2 Trash, debris, and illegal dumping
- 3 Detergents washed into drains
- 2 Snow removal (salt, sand and snow dispersal)
- 3 Sanitary sewer overflows
- 3 Infiltration from cracked sanitary sewers
- 2 Failing septic systems
- 3 Sewer service connection to storm drainage systems
- 3 Foundation drains connected to storm drainage systems
- 3 Downspouts connected to storm drainage systems
- 3 Lake or water body used for motor boating
- 3 Spills from roadway accidents or fires
- 3 Connected impervious areas covering large acreages (such as Malls, institutions with large parking areas)
- 3 Stream bank erosion
- 3 Waste Transfer Station

4.2.1.2.5 OUTREACH STRATEGY AND PARTERSHIPS

Jasper County's outreach strategy is to implement a variety of methods to reach a different target audiences multiple times. To change behavior, repetition is important. The mechanisms are described in 4.2.1.2.1 of this permit application.

The strategy is to partner with other governmental and non-governmental entities to execute the public outreach strategy. The idea is to share information and resources so duplication does not occur. The following entities will be assisting with the effort:

1. Other Communities in the Region
2. County Extension
3. USDA
4. EPA
5. Local Community Groups
9. Regional Planning Organization (Region M)

The number of people targeted to be reached by the public education and outreach strategy is **150** per year.

4.2.1.2.6 PERSON RESPONSIBLE:

The person responsible for overall management and implementation of the permittee's storm water public education and outreach program is the **DIRECTOR OF THE JASPER COUNTY HEALTH DEPARTMENT**. Others may be involved in the execution of each of the individual activities in the program.

4.2.1.2.7 MEASURABLE GOALS SELECTION:

Jasper County selected the measurable goals for each of the BMPs after reviewing EPA and ASCE research on the effectiveness of certain BMPs. The BMPs selected were chosen because of the evidence that they will have a positive impact on the target pollutants identified as a concern for Jasper County. The public education and outreach BMPs were also selected because many have been effective methods of communicating with the public for our community. The implementation of BMPs selected will determine the success of the measure on water quality.

4.2.2 PUBLIC INVOLVEMENT AND PARTICIPATION

4.2.2.1 PERMIT REQUIREMENTS:

Jasper County will comply with state and local public notice requirements when implementing the public involvement and participation program.

4.2.2.2 DECISION PROCESS:

The following is the documentation for Jasper County's decision process and rationale statement for the development of a storm water public involvement and participation program. It documents the overall program and the individual BMPs, measurable goals, and responsible party for the program.

4.2.2.2.1 INVOLVING THE PUBLIC IN DEVELOPING THE SUBMITTAL:

Jasper County has involved the public in the development and submittal of this application and storm water management program as follows:

1. Hold a public Hearing
2. Post public meeting announcements
3. Hold a stakeholder meeting

4.2.2.2. INVOLVING THE PUBLIC IN PROGRAM INPLEMENTATION:

Jasper County plans to actively involve the public in the development and implementation of the storm water program through a number of different methods selected because they are existing effective methods used by Jasper County or because of EPA guidance documents that list these BMPs as effective public involvement methods.

4.2.2.2.3 TARGET AUDIENCES TO INVOLVE IN PROGRAM:

The target audiences for the permittee's public involvement program are:

1. Citizens (Homeowners)
2. Mass Media
3. Local Elected Officials
4. Local Government Agencies
5. Business Leaders
6. Contractors, Home builders and Developers

4.2.2.2.4 PUBLIC INVOLVEMENT ACTIVITIES:

Jasper County plans will involve the public through the activities described below:

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
Hold Stakeholder Meetings	X	X	X	X	X
Hold Public Meetings	X	X	X	X	X
Develop Stormwater Signing Program		X			
Establish Stormwater Committee	X				

4.2.2.2.5 PERSON RESPONSIBLE:

The person responsible for overall management and implementation of the permittee's storm water public involvement/participation program is the **DIRECTOR OF THE JASPER COUNTY HEALTH DEPARTMENT**. Others will be involved in the execution of each of the individual activities in the programs.

4.2.2.2.6 MEASURABLE GOAL SELECTED:

Jasper County selected the measurable goals for each of the BMPs after reviewing EPA and ASCE research on the effectiveness of certain BMPs. The BMPs selected were chosen because of the evidence that they will have a positive impact on the target pollutants identified as a concern for Jasper County. Some of the public involvement methods selected were also chosen because they had been used effectively by Jasper County in the past. The implementation of BMP's selected will determine the success of the measure on water quality.

4.2.3 ILLICIT DISCHARGE DETENTION AND ELIMINATION

4.2.3.1 PERMIT REQUIREMENT:

Jasper County will develop, implement and enforce a program to detect and eliminate illicit discharges (as defined in 10 CSR 20-6.200) into their small MS4. Jasper County will maintain a storm sewer system map, showing the location of all outfalls and the names and location of all waters of the state that receive discharges from those outfalls. Jasper County will effectively prohibit non-storm water discharges into the storm water system by adopting an ordinance. Jasper County will implement a plan using visual inspections and citizen complaints to detect and address non-storm water discharges, including illegal dumping to the storm water system. Jasper County will inform public

employees, businesses and the general public of hazards associated with illegal discharges improper disposal of waste.

4.2.3.1.6 NOT SIGNIFICANT CONTRIBUTORS:

Jasper County has determined that the following categories of non-storm water discharges of flow (i.e. illicit discharges) are not significant pollutants to their small SM4: water line flushing, landscape irrigation, diverted streams flows, rising ground waters, uncontaminated ground water infiltration (as defined in 10CSR 20-6.200), uncontaminated pumped ground water, discharges from potable water sources, foundation drains, air conditioning condensation, springs, water from crawl space pumps, footing drains, lawn watering, flows from riparian habitats and wetlands, and street wash water (discharges or flows from fire fighting activities are excluded from the effective prohibition against non-storm water and will only be addressed where they are identified as significant sources of pollutants to waters of the State).

4.2.3.1.7 OCCASIONAL INCIDENTAL NON-STORM WATER DISCHARGES:

Jasper County's illicit discharge ordinance will include a list of other similar occasional incidental non-storm water discharges (e.g. non-commercial or charity car washes, etc.) that will not be addressed as illicit discharges because they are not reasonably significant sources of pollutant to the MS4. Should these occasional or incidental non-storm water discharges be identified in the future, those entities responsible for discharging will be prohibited or conditions placed on them so as to minimize their discharge of pollutants.

4.2.3.2 DECISION PROCESS:

Jasper County has documented their decision process for the development of a storm water illicit discharge detection and elimination program. Jasper County's rationale statement addresses both their overall illicit discharge detection and responsible persons for their program.

4.2.3.2.1 SOURCES FOR MAPPING:

Jasper County will maintain a storm sewer map showing the locations of all outfalls and the names and locations of all receiving waters. Jasper County will use the following sources to maintain the maps:

The map will be maintained using:

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
Storm Sewer Mapping	X	X	X	X	X
Aerial Photography		X		X	

Jasper County will use proposed building plans to locate new construction and outfalls to update the map.

4.2.3.2.2 REGULATORY MECHANISM:

Jasper County will develop and implement the following mechanisms to effectively prohibit illicit discharges to the MS4 on the respective schedule:

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
County Ordinance	X				
Inspection	X	X	X	X	X

This mechanism was selected because ordinances are commonly used by Jasper County to establish laws and set forth the enforcement mechanism. The ordinance establishes legal authority: to regulate the contribution of pollutants to the municipal separate storm sewer system (MS4) of storm water discharges by any use; to prohibit illicit connections and discharges to the MS4; and to establish legal authority to carry out all inspections, surveillance and monitoring procedures necessary to ensure compliance.

4.2.3.2.3 ENFORCEMENT

Jasper County will set forth in the ordinance enforcement procedures intended to remove the source of the illicit discharge detected. Jasper County will ensure implementation of the mechanisms described in 4.2.3.2.2 above with the following enforcement actions according to the respective schedule.

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
Civil Penalties	X				

4.2.3.2.4 DETECTION:

Jasper County will detect and address illicit discharges to the MS4, including discharges from illegal dumping and spills.

Jasper County's program will address on-site sewage disposal systems that flow into the MS4 according to the respective schedule.

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
Visual Inspection	X	X	X	X	X
Citizen Complaints	X	X	X	X	X

4.2.3.2.4.1 IDENTIFY PRIORITY AREAS:

Jasper County will use storm water system maps identified in 4.2.3.1.2. above and other data to identify priority areas with the likelihood of illicit connections.

4.2.3.2.4.2 TRACE THE SOURCE:

N/A

4.2.3.2.4.3 REMOVAL:

Jasper County will follow the ordinance adopted and the enforcement mechanism detailed in the ordinance including those legal actions described in 4.2.3.1.3 above to enforce the removal of an identified illicit connections.

4.2.3.2.4.4. PROGRAM EVALUATION:

The success of the described program will be evaluated annually by analyzing the number of illicit connections discovered and eliminated.

4.2.3.2.5 PUBLIC INFORMATION:

Jasper County will inform public employees, business owners and the general public of hazards associated with illegal discharges and improper disposal of waste through the following methods and schedule:

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
Educational Programs:					
Procedural Training for County Staff	X		X		X
Distribute Literature	X	X	X	X	X

Where applicable the information distributed through these means will coordinate with the information distributed in the Public Education minimum control measure (e.g., consistent/coordinated messages in literature).

4.2.3.2.6 RESPONSIBLE PARTY:

The person responsible for overall management and implementation of the permittee's storm water illicit discharge detection and elimination program is the **DIRECTOR OF THE JASPER COUNTY HEALTH DEPARTMENT**. Others will be involved in the execution of each of the individual activities in the programs.

4.2.3.2.7 MEASURABLE GOALS:

Jasper County will evaluate the success of the program based on:

The number of illicit connections found and eliminated.

Jasper County selected the measurable goals for each BMPs after reviewing EPA and ASCE research on the effectiveness of certain BMPs. The BMPs selected were chosen because of evidence that they will have a positive impact on the target pollutants identified as a concern for Jasper County. Some of the methods to detect and eliminate illicit discharges were also chosen because they have been used effectively by Jasper County in the past. The implementation of BMPs selected will determine the success of the measure on water quality.

4.2.4 CONSTRUCTION SITE STORM WATER RUNOFF CONTROL

4.2.4.1 PERMIT REQUIREMENTS:

Jasper County has implemented and will enforce a program to reduce pollutants in any storm water runoff from construction activities that result in disturbance of greater than or equal to one acre. Jasper County also plans to reduce pollutants in storm water runoff from construction activities that disturb less than one acre if the site is part of a larger common plan of development or sale. Jasper County has drafted an ordinance with the required erosion and sediment controls as well as sanctions to ensure compliance.

4.2.4.1.2 BEST MANAGEMENT PRACTICES (BMPs):

Jasper County will require construction site operators to implement the appropriate erosion and sediment control Best Management Practices (BMPs). Jasper County will use the Kansas City Metro American Public Works Association (APWA)'s Manual of Best Management Practices for Storm Water Quality as guidelines in their ordinance which includes the construction specifications and design standards. The following information will be provided to construction site operators.

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
BMP Fact Sheets	X				
Sample Plans	X				
Construction Specifications	X				
Standard Details	X				

4.2.4.1.3 WASTES TO BE CONTROLLED:

Jasper County will require construction site operators to control wastes that may cause adverse impacts to water quality such as:

1. Discarded Building Materials
2. Sediment
3. Litter or Trash
4. Sanitary Waste

4.2.4.1.4 SITE PLAN REVIEW:

Jasper County has implemented procedures in their ordinance for site plan review, which incorporate consideration of potential water quality impacts.

4.2.4.1.5 SITE INSPECTION AND ENFORCEMENT

Jasper County has implemented procedures in their ordinance for site inspections and enforcement of control measures.

4.2.4.2 DECISION PROCESS:

The following is the rationale statement for the development of Jasper County's overall construction site storm water runoff

control program. It documents the individual BMPs, measurable goals, and responsible party for their program.

4.2.4.2.1. REGULATORY MECHANISM:

Jasper County has an ordinance that will require the use of erosion and sediment controls on construction sites. The ordinance outlines the requirements for designers and contractors before, during and after the construction activities. The ordinance provides enforcement measures for those designers and contractors who do not follow the ordinance.

4.2.4.2.2 ENFORCEMENT:

Jasper County's ordinance includes an enforcement section in the ordinance detailing the sanctions and enforcement mechanisms. Jasper County will use the following sanctions:

1. Stop Work Order
1. Permit denial for Non-Compliance.

4.2.4.2.3 IMPLEMENTATION OF PROPER CONTROLS:

Jasper County's ordinance requires construction site operators to control wastes that may have adverse impacts on water quality.

4.2.4.2.4 PRE-CONSTRUCTION SITE PLAN REVIEW:

Jasper County has implemented procedures for site plan review, including the review of pre-construction plans, which look at the potential water quality impacts. Jasper County has implemented procedures and rationale for those sites that do not require site plan review. The estimated percentage of sites that will have a pre-construction plan review is 100%.

4.2.4.2.5 PUBLIC INPUT ON SUBMITTALS:

Jasper County will implement procedures for receipt and consideration of information submitted by the public.

4.2.4.2.6 SITE INSPECTION AND ENFORCEMENT:

Jasper County has implemented procedures for site inspection and enforcement of control measures. The sites will be inspected using a priority rating system. The site with the most

potential risk to the community will be top on the priority list.

4.2.4.2.7 RESPONSIBLE PARTY:

The person responsible for overall management and implementation of the permittee's storm water site construction storm water runoff control program is the **DIRECTOR OF THE JASPER COUNTY HEALTH DEPARTMENT**. Others will be involved in the execution of each of the individual activities in the programs.

4.2.4.2.8 MEASURABLE GOALS:

Jasper County selected the measurable goals for each BMPs after reviewing EPA and ASCE research on the effectiveness of certain BMPs. The BMPs selected were chosen because of evidence that they will have a positive impact on the target pollutants identified as a concern for Jasper County. The implementation of BMPs selected will determine the success of the measure on water quality.

4.2.5 POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENTS AND REDEVELOPMENT

4.2.5.1 PERMIT REQUIREMENT

4.2.5.1.1 OVERVIEW:

Jasper County will develop, implement and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale.

4.2.5.1.2 STRATEGIES:

Jasper County will adopt an ordinance to address post construction runoff from new development and redevelopment projects to the extent allowable under state or local law.

4.2.5.1.4 LONG TERM OPERATION AND MAINTENANCE:

Jasper County's ordinance will ensure adequate long term operation and maintenance of BMPs.

4.2.5.2 DECISION PROCESS:

The following is the rationale statement for the development of a post-construction storm water management program. It documents the BMPs, measurable goals, and responsible party for the program.

4.2.5.2.1 PRIORITY AREAS:

Jasper County will implement regulatory procedures to address storm water runoff from new development and redevelopment projects. There are no areas identified as a priority for regulatory procedures.

4.2.5.2.2 REGULATORY PROCEDURES:

Jasper County will implement regulatory procedures that will be specifically tailored for the community, minimize water quality impacts, and attempt to maintain pre-development runoff conditions.

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
Ordinance	X				
Publication of BMPs	X	X	X	X	X

4.2.5.2.3 NON-STRUCTURAL BEST MANAGEMENT PRACTICES (BMPs):

4.2.5.2.3.1 POLICIES AND ORDINANCES:

Jasper County will implement policies and ordinances that will help minimize water quality impacts.

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
Stream Buffers	X				
Minimize Disturbance of Soils and vegetation	X				

4.2.5.2.3.2 INFILL DEVELOPMENT:

N/A

4.2.5.2.3.3 EDUCATION:

Jasper County will implement education programs for developers and the public about project designs that minimize water quality impacts. The educational program will work in conjunction with the public education program outlined in Section 4.2.1.

4.2.5.2.3.4 OTHER NON-STRUCTURAL MEASURES:

N/A

4.2.5.2.4 STRUCTURAL BMPs:

Jasper County will implement the following structural BMPs.

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
Detention	X				

4.2.5.2.5 REGULATORY MECHANISM:

Jasper County will implement an ordinance or other regulatory mechanism to address post-construction runoff from new developments and redevelopments. These mechanisms will help to not only recommend proper practices, but will help enforce the

proper use of the practices under certain circumstances. They include:

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
Ordinance	X				
Publication of BMPs	X				

Jasper County will ensure compliance with the developed ordinance by way of sanctions and enforcement mechanisms. Jasper County will implement the following sanctions for their ordinance:

1. Permit denial for Non-Compliance

4.2.5.2.6 LONG TERM OPERATION AND MAINTENANCE:

Jasper County will implement options to help ensure the long term operation and maintenance of their selected BMPs. These options will help ensure that future O&M responsibilities are clearly defined.

4.2.5.2.7 RESPONSIBLE PARTY:

The person responsible for overall management and implementation of the permittee's storm water post- construction storm water management program is the **DIRECTOR OF THE JASPER COUNTY HEALTH DEPARTMENT**. Others will be involved in the execution of each of the individual activities in the programs.

4.2.5.2.8 MEASURABLE GOALS:

Jasper County selected the measurable goals for each BMPs after reviewing EPA and ASCE research on the effectiveness of certain BMPs. The BMPs selected were chosen because of evidence that they will have a positive impact on the target pollutants identified as a concern for Jasper County. The implementation of BMPs selected will determine the success of the measure on water quality.

4.2.6 POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

4.2.6.1 PERMIT REQUIREMENTS

4.2.6.1.1 OVERVIEW:

Jasper County will develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations.

4.2.6.1.2 TRAINING:

Using training materials that are available from EPA, state and other organizations, Jasper County's program will include employee training to prevent and reduce water pollution from activities.

4.2.6.2 DECISION PROCESS:

Jasper County has documented their decision process for the development of a pollution prevention/good housekeeping program for municipal operations. Jasper County's rationale statement addresses both their overall pollution prevention/good housekeeping program and the individual BMPs, measurable goals and responsible persons for the program. The rationale statement is as follows:

4.2.6.2.1 POLLUTION PREVENTION/GOOD HOUSEKEEPING MEASURES:

Jasper County will implement pollution prevention and good housekeeping measures in the following city activities:

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
Recycling Program				X	
Maintenance Schedule					X
Maintenance Activities				X	
Employee Training		X			

4.2.6.2.2 EMPLOYEE TRAINING:

Jasper County will formalize and implement an employee training program in the following areas so as to prevent and reduce storm water pollution from the following activities:

	Year 2008	Year 2009	Year 2010	Year 2011	Year 2012
Fleet and Building Maintenance				X	
New Construction and Land Disturbances		X			

These activities will be coordinated with the outreach programs for the public information and illicit discharge minimum control measures so that a consistent message is presented throughout Jasper County's program.

4.2.6.2.3 ACTIVITIES:

Jasper County's program will address the following areas:

4.2.6.2.3.1 MAINTENANCE ACTIVITIES:

The following activities will be formalized and implemented to reduce pollutants in the MS4.

	Year	Year	Year	Year	Year
	2008	2009	2010	2011	2012
Maintenance Schedule				X	
Maintenance Activities				X	

4.2.6.2.3.2 POLLUTANT LOCATIONS:

Jasper County would like to reduce or eliminate the discharged pollutants from the following locations:

1. Roads

The following controls and/or programs will be implemented to reduce or eliminate the discharge of pollutants from facilities owned by Jasper County:

	Year	Year	Year	Year	Year
	2008	2009	2010	2011	2012
Recycling Program				X	
Employee Training		X			

4.2.6.2.3.3 POLLUTANT REMOVAL:

Jasper County will implement training procedures for the removal of dredge spoil, accumulated sediments, and other debris.

4.2.6.2.3.4 FLOOD MANAGEMENT:

Jasper County will review their current regulations concerning flood management to ensure they allow for:

1. Assessment and implementation of solutions that address impacts to water quality for new projects and;

2. Review of existing projects for inclusion of water quality aspects.

4.2.6.2.4 RESPONSIBLE PARTY:

The person responsible for overall management and implementation of the permittee's storm water pollution prevention and good housekeeping program is the **DIRECTOR OF THE JASPER COUNTY HEALTH DEPARTMENT**. Others will be involved in the execution of each of the individual activities in the programs.

4.2.5.2.8 MEASURABLE GOALS:

Jasper County will evaluate the success of the pollution prevention/good housekeeping minimum control measure by tracking the progress of each measure against the implementation schedule. Each one of the measures described in this permit was chosen based on the ability of staff to implement and impact on water quality.