

Stormwater Quality Management Plan



Website

<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The GSWMD will work with NIRPC to create and maintain a website with relevant stormwater information.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> MCM-1 Public Education and Outreach <input checked="" type="checkbox"/> MCM-2 Public Participation and Involvement <input checked="" type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input checked="" type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Visitors <input type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input checked="" type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: NIRPC</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By having informed citizens, it increases the likelihood of their participation in the program.</p>	<p>Measurable Goals: Create website and post information.</p>	<p>Reduction Goal %: 100% reduction of lack of GSWMD website.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Beginning in 2005, the GSWMD will work with NIRPC to create and maintain website with storm water information. This will be ongoing.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: Track the number of visitors to the website.</p>		

Stormwater Quality Management Plan

Citizen Watch Groups



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The GSWMD will identify residents and ask that they join Citizen Watch Groups similar to a 'Crime Stoppers Block Watch'.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> MCM-1 Public Education and Outreach <input checked="" type="checkbox"/> MCM-2 Public Participation and Involvement <input checked="" type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Visitors <input type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: Existing local community organizations.</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By having informed citizens, it increases the likelihood of their participation in the program.</p>	<p>Measurable Goals: Establish a Citizen Watch Group that meets on a regular basis.</p>	<p>Reduction Goal %: 100 % reduction in the lack of a Citizen Watch Group.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Beginning in 2005 the GSWMD will institute a Citizen Watch Group. This will be ongoing.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: The GSWMD will keep records of the number of groups formed, how often they meet, and activities in which they have participated.</p>		

Stormwater Quality Management Plan

City of Gary Stormwater Management Ordinance



<i>What is this and what information should I look for?</i>	BMP Description: The GSWMD has created the City of Gary Stormwater Management Ordinance. This ordinance establishes the regulatory authority and complies with the updated Rule 13 and Rule 5 requirements		Reference Material:
<i>Where does this apply and who will it help?</i>	Applicable MCMs: <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input checked="" type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input checked="" type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping	Targeted Audience: <input checked="" type="checkbox"/> Residents <input checked="" type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input checked="" type="checkbox"/> Commercial Facilities <input checked="" type="checkbox"/> Industrial Facilities <input checked="" type="checkbox"/> Construction Site Personnel	
<i>Who can I work with?</i>	Potential Participants in Implementation: None		
<i>How will this improve water quality and how do I track it?</i>	Water Quality Benefits: By establishing an ordinance, it allows the GSWMD to comply with the state regulations.	Measurable Goals: The City of Gary Stormwater Management Ordinance will be adopted in 2005.	Reduction Goal %: 100% reduction of the lack of an illicit discharge and detection ordinance, construction site runoff control ordinance, and a post-construction runoff control ordinance.
<i>How often is action required?</i>	Schedule: The City of Gary Stormwater Management Ordinance will be adopted in 2005.		
<i>What paperwork is required?</i>	Reporting and Recordkeeping Requirements: The MS4 operator will retain a copy of the ordinance and the adoption date.		

Stormwater Quality Management Plan

Pollution Prevention Brochure



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The GSWMD will partner with NIRPC and other agencies to distribute a residential pollution prevention brochure and a commercial pollution prevention brochure.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> MCM-1 Public Education and Outreach <input checked="" type="checkbox"/> MCM-2 Public Participation and Involvement <input checked="" type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Visitors <input type="checkbox"/> Public Service Employees <input checked="" type="checkbox"/> Commercial Facilities <input checked="" type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: IDEM, DNR, EPA, Lake County, NIRPC</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By informing residents and commercial entities about pollution prevention and illicit discharges, it reduces the likelihood of pollution in the receiving streams.</p>	<p>Measurable Goals: The GSWMD will distribute a residential and commercial pollution prevention brochure.</p>	<p>Reduction Goal %: Not Applicable</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Beginning in 2006, the GSWMD will partner with NIRPC and other agencies to distribute a residential and commercial pollution prevention brochure. This will be ongoing.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: The GSWMD will retain a copy of the brochure for their records. The GSWMD will record the number of brochures distributed.</p>		

Stormwater Quality Management Plan

Stormwater Technical Standards Manual



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description:</p> <p>The GSWMD has created the City of Gary Stormwater Technical Standards Manual. This Manual includes principles and practices that comply with the updated Rule 13 and Rule 5 regulations.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input checked="" type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input checked="" type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input checked="" type="checkbox"/> Commercial Facilities <input checked="" type="checkbox"/> Industrial Facilities <input checked="" type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: GSWMD has worked with Lake County to establish these standards.</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits:</p> <p>By establishing the Technical Standards, it provides for compliance with the state regulations, and consistency among new stormwater facilities.</p>	<p>Measurable Goals:</p> <p>The City of Gary Stormwater Technical Standards Manual will be implemented for all development or redevelopment within the MS4 area that meet the land disturbance criteria.</p>	<p>Reduction Goal %: Varies based on structural BMP installed.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Implementation of the standard will be ongoing. The standards will be adopted in 2005.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: The GSWMD MS4 operator will retain a copy of the current City of Gary Stormwater Technical Standards Manual.</p>		

Stormwater Quality Management Plan

Plan Review for SWPP and Erosion and Sediment Control



<i>What is this and what information should I look for?</i>	<p>BMP Description: Plan Review for Storm Water Pollution Prevention (SWPP) and Erosion and Sediment Control will be incorporated into the current process. The plan reviewer will evaluate the plans per the City of Gary Stormwater Technical Standards Manual. A plan review checklist will be developed for the project site developer to use in the development of the SWPP and Erosion and Sediment Control Plans. The reviewer will use a Technical Review and Comment Form during SWPP and Erosion and Sediment Control Plan review. Comments on the SWPP and Erosion and Sediment Control Plans will be forwarded to the developer. Developer will make revisions based on the comments and submit revised SWPP and Erosion and Sediment Control Plans to the reviewer. This process will continue until an acceptable SWPP and Erosion and Sediment Control Plan is produced.</p>		<p>Reference Material:</p>
<i>Where does this apply and who will it help?</i>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input checked="" type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input checked="" type="checkbox"/> Construction Site Personnel 	
<i>Who can I work with?</i>	<p>Potential Participants in Implementation: Lake County Soil and Water Conservation District.</p>		
<i>How will this improve water quality and how do I track it?</i>	<p>Water Quality Benefits: By ensuring that construction sites have adequate plans in place prior to disturbing soil, it reduces the amount of sediment in the receiving streams.</p>	<p>Measurable Goals: All construction projects meeting the requirements of 327 IAC 15-5 (Rule 5) will be reviewed for SWPP and Erosion and Sediment Control measures. A plan review checklist for SWPP and Erosion and Sediment Control Plans will be made available to all developers.</p>	<p>Reduction Goal %: 100% reduction of applicable construction sites that do not have SWPP and Erosion and Sediment Control Plans.</p>
<i>How often is action required?</i>	<p>Schedule: The plan review process will be developed during 2005 and will be reviewed annually.</p>		
<i>What paperwork is required?</i>	<p>Reporting and Recordkeeping Requirements: GSWMD will record the number of permits issued by the MS4 each year and the number of hours dedicated to reviewing SWPP and Erosion and Sediment Control Plans.</p>		

Stormwater Quality Management Plan

Erosion and Sediment Control Inspections



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The MS4 will develop policies and procedures for erosion and sediment control inspections and assign responsibilities for inspections. Inspections will be coordinated through the GSWMD.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input checked="" type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input checked="" type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: Inspections to be conducted by construction site inspectors and MS4 personnel or their representatives.</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By inspecting construction sites, it ensures that sediment remains on site and not in the receiving streams.</p>	<p>Measurable Goals: All construction sites issued Rule 5 permits will be inspected by the MS4.</p>	<p>Reduction Goal %: 100% reduction of applicable construction sites not being inspected.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Erosion and sediment control inspections of construction sites will begin once the City of Gary Stormwater Management Ordinance has been approved.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: The results of inspections and enforcement actions will be recorded on inspection sheets and included in the monthly reports and the annual report. Record the total number of construction sites inspected. Record the number of incidents of non-compliance or deficiencies identified through inspections. Document corrective actions taken by project site owners/contractors based upon site inspections. Maintain copies of inspection forms.</p>		

Stormwater Quality Management Plan

Enforcement of Erosion and Sediment Control Requirements



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: As required, the MS4 will take enforcement actions for noncompliance with the construction site runoff and erosion control program requirements. Enforcement actions will be as stated in the City of Gary Stormwater Management Ordinance.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input checked="" type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input checked="" type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: None</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By enforcing the City of Gary Stormwater Management Ordinance and the City of Gary Stormwater Technical Standards Manual it will reduce the pollution in the receiving streams.</p>	<p>Measurable Goals: All enforcement actions will be recorded on inspection sheets, included in monthly reports to IDEM, and included in annual reports.</p>	<p>Reduction Goal %: 80% reduction of construction site non-compliance.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Policies and procedures for enforcement of erosion and sediment control requirements will be put into place once the City of Gary Stormwater Management Ordinance has been accepted.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: Record the number and type of enforcement actions taken. Record the results of the enforcement actions (project termination, correction of deficiencies, etc.)</p>		

Stormwater Quality Management Plan

Erosion and Sediment Control Construction Plan Review for MS4 Projects



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: All applicable construction activities operated by the MS4 will be submitted to the Lake County Soil and Water Conservation District (SWCD) for review and approval. The construction plans will be reviewed for conformance with the City of Gary Stormwater Management Ordinance and the City of Gary Stormwater Technical Standards Manual.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input checked="" type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input checked="" type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: Lake County Soil and Water Conservation District.</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By having Lake County Soil and Water Conservation District review MS4 operator's construction plans, it ensures that erosion controls are being applied appropriately.</p>	<p>Measurable Goals: All construction plans for applicable MS4 projects will be reviewed by the Lake County SWCD for construction site erosion and sediment control.</p>	<p>Reduction Goal %: Not Applicable</p>
<p><i>How often is action required?</i></p>	<p>Schedule: All GSWMD plans are currently reviewed by the SWCD. This process will continue until one year following the acceptance of the City of Gary Stormwater Management Ordinance in 2005, if the DNR and MS4 agree that the MS4 is in compliance and able to review its own plans.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: Notices of Intent will be sent to IDEM after plans are approved. Correspondence between the SWCD/DNR and the MS4 regarding plan review will be kept on file for evaluation.</p>		

Stormwater Quality Management Plan

Training of Plan Reviewer and Construction Site Inspector



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: MS4 area personnel responsible for plan review, inspection, and enforcement of construction BMPs will receive annual training addressing appropriate control measures, inspection protocol, and enforcement procedures.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input checked="" type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input checked="" type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: The GSWMD may work with the following organizations in order to provide training: NIRPC, IDEM, IDNR, IACT, and County SWCD.</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By ensuring that the plan reviewer and construction site inspector are trained, it reduces the likelihood of improper erosion controls.</p>	<p>Measurable Goals: All MS4 reviewers and inspectors will receive training on an annual basis.</p>	<p>Reduction Goal %: 100% of untrained plan reviewers and inspection staff will be trained.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Training will begin in 2005 and will be conducted at least annually.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: The MS4 Entity will maintain documentation that all plan reviewers and site inspectors have received annual sediment and erosion control training. Retain documentation of the number of reviewers and site inspectors either trained or qualified in erosion and sediment control measures. Documentation includes sign-in sheets, meeting agendas, and training handouts for post-construction training sessions.</p>		

Stormwater Quality Management Plan

Coordinate Training Efforts



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The GSWMD will work with NIRPC and other governmental and professional organizations to ensure that public service employees receive at least annual training in pollution prevention and good housekeeping techniques.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input checked="" type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input checked="" type="checkbox"/> Commercial Facilities <input checked="" type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: The GSWMD may work with the following organizations in order to provide training: NIRPC, IDEM, IDNR, IACT, and County SWCD.</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By ensuring that the plan reviewer and construction site inspector are trained, it reduces the likelihood of improper erosion controls.</p>	<p>Measurable Goals: All municipal employees will receive annual storm water pollution prevention and good housekeeping training.</p>	<p>Reduction Goal %: 100% of untrained personnel will be trained.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Training will begin in 2005 and will continue annually.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: Retain copies of sign-in sheets, meeting agendas and training handouts.</p>		

Stormwater Quality Management Plan

Street Sweeping



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The GSWMD will create a street sweeping plan to ensure that the streets located in the GSWMD are swept 3 to 4 times per year. Material removed through sweeping operations will be disposed of at a landfill or other approved disposal site for potential re-use.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: None</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: Sweeping streets reduces runoff debris, which would otherwise be deposited into the receiving streams.</p>	<p>Measurable Goals: Create the street sweeping plan. Sweep all streets 3 to 4 times per year.</p>	<p>Reduction Goal %: 100 % reduction of unswept streets.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Training will begin in 2005 and will continue annually.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: The GSWMD will retain a copy of the street sweeping plan. The GSWMD will also report the streets swept, time swept and amount of material collected and properly disposed. These items will be included in the annual report.</p>		

Stormwater Quality Management Plan

Roadside / Municipal Litter Management



<i>What is this and what information should I look for?</i>	BMP Description: The GSWMD will remove litter from roadways, parks, and other municipal properties.		Reference Material:
<i>Where does this apply and who will it help?</i>	Applicable MCMs: <input checked="" type="checkbox"/> MCM-1 Public Education and Outreach <input checked="" type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping	Targeted Audience: <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel	
<i>Who can I work with?</i>	Potential Participants in Implementation: The GSWMD may work with environmental organizations, local scout troops, neighborhood organizations, etc. to create a public involvement opportunity such as an "Adopt a Street" program.		
<i>How will this improve water quality and how do I track it?</i>	Water Quality Benefits: By properly disposing of debris from roadways, parks, and other municipal properties, it reduces the quantity of debris ending up in receiving streams.	Measurable Goals: Remove litter from roadways, parks and other municipal properties.	Reduction Goal %: This BMP will reduce the amount of litter on roadways, parks, and other municipal properties.
<i>How often is action required?</i>	Schedule: The GSWMD will map litter pick-up areas and decide upon frequency in 2005. Litter pick-up will be ongoing.		
<i>What paperwork is required?</i>	Reporting and Recordkeeping Requirements: The GSWMD will maintain records for the dates of debris pick-up, the location of the debris pick-up and the estimated amount of debris picked up.		

Stormwater Quality Management Plan

Pet Waste Clean Up



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The GWSMD will require that pet owners clean up after their pets.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> MCM-1 Public Education and Outreach <input checked="" type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 		<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Visitors <input type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: None</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By removing the pet waste and properly disposing of it, it reduces the likelihood of pet waste ending up in the receiving streams.</p>	<p>Measurable Goals: Enactment of an Ordinance requiring disposal of pet waste.</p>	<p>Reduction Goal %: 100% reduction of pet waste.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: The GSWMD will enact an ordinance requiring owners to pick up after their pets in 2005.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: Keep a copy of the ordinance on file. Maintain copies of citations.</p>		

Stormwater Quality Management Plan

MS4 Entity Fleet Maintenance



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The GSWMD will ensure that fleet maintenance will occur at a location that has measures to protect against stormwater pollution.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: None</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By making sure that the municipal fleet is maintained in an environmentally conscious way, it sets a good example and reduces the chances of automotive waste ending up in receiving streams.</p>	<p>Measurable Goals: The GSWMD will verify that fleet maintenance locations have measures to protect against stormwater pollution.</p>	<p>Reduction Goal %: 100% reduction of fleet maintenance performed without measures to protect against stormwater pollution.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Beginning in 2005, the GSWMD will ensure that fleet maintenance is performed at locations with measures to protect against stormwater pollution. This will be ongoing.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: The GSWMD will document the measures that have been taken at the fleet maintenance area or will require a certification form from private fleet maintenance areas. Documentation will be kept on file.</p>		

Stormwater Quality Management Plan

MS4 Entity Fleet and Equipment Washing



<i>What is this and what information should I look for?</i>	BMP Description: The GSWMD will ensure that municipal fleet and equipment washing is performed in a facility that does not allow untreated wash water to reach the storm sewer. The GSWMD will distribute a short memo statement to staff educating them on the purpose of the facility and stating that the facility must be used for all municipal fleet and equipment washing.		Reference Material:	
<i>Where does this apply and who will it help?</i>	Applicable MCMs: <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping		Targeted Audience: <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel	
<i>Who can I work with?</i>	Potential Participants in Implementation: None			
<i>How will this improve water quality and how do I track it?</i>	Water Quality Benefits: By ensuring that the debris from municipal fleet and equipment is properly disposed of it reduces the possibility of the debris ending up in the receiving streams.	Measurable Goals: The GSWMD will verify that fleet and equipment washing areas have measures to protect against stormwater pollution.	Reduction Goal %: 100% reduction of fleet and equipment washing performed without measures to protect against stormwater pollution.	
<i>How often is action required?</i>	Schedule: Beginning in 2005, the GSWMD will ensure that fleet and equipment washing is performed at locations with measures to protect against stormwater pollution. The GSWMD will distribute a memo to all City employees describing the requirement. This will be ongoing.			
<i>What paperwork is required?</i>	Reporting and Recordkeeping Requirements: The GSWMD will record a copy of the memo distributed.			

Stormwater Quality Management Plan

Landscaping and Lawn Care



<i>What is this and what information should I look for?</i>	BMP Description: The majority of lawn owners are not aware of the phosphorus or nitrogen content of the fertilizer that they apply. The GSWMD will provide information about proper landscaping and lawn care.		Reference Material:
<i>Where does this apply and who will it help?</i>	Applicable MCMs: <input checked="" type="checkbox"/> MCM-1 Public Education and Outreach <input checked="" type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping	Targeted Audience: <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input checked="" type="checkbox"/> Commercial Facilities <input checked="" type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel	
<i>Who can I work with?</i>	Potential Participants in Implementation: Lake County Extension Services, IDNR, IDEM.		
<i>How will this improve water quality and how do I track it?</i>	Water Quality Benefits: By reducing the amount of excess lawn care chemicals applied; it reduces the likelihood of those chemicals ending up in receiving streams.	Measurable Goals: Educational web site links will be posted on the GSWMD website.	Reduction Goal %: 100% reduction in the amount of lawn owners unaware of the problems with the improper application of lawn care chemicals.
<i>How often is action required?</i>	Schedule: Beginning in 2006 the GSWMD will provide information about proper landscaping and lawn care. This will be ongoing.		
<i>What paperwork is required?</i>	Reporting and Recordkeeping Requirements: The GSWMD will keep a copy of the information that was provided.		

Stormwater Quality Management Plan

Storm Sewer Cleaning



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: Storm Sewer Cleaning involves the removal of debris from sewers that can reduce sewer capacity and can be discharged to receiving streams. Storm sewers need to be cleaned regularly. The GSWMD will map the storm sewer system in conjunction with other MCMs. As the mapping progresses the GSWMD will institute a storm sewer-cleaning program.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: None</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By cleaning the storm sewers it reduces the amount of debris that ends up in the receiving streams.</p>	<p>Measurable Goals: The GSWMD will create a storm sewer map and clean the storm sewers.</p>	<p>Reduction Goal %: 100% reduction of storm sewers that are not cleaned.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Beginning in 2005 as storm sewer mapping progresses, the GSWMD will institute a storm sewer cleaning program. This will be ongoing.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: The GSWMD will record the storm sewers cleaned and the amount of debris collected.</p>		

Stormwater Quality Management Plan

Municipal Hazardous Waste Storage



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The GSWMD will ensure that any hazardous materials are stored and managed in a way to reduce possible pollution.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 		<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: None</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By reducing the amount of municipal hazardous material improperly stored, it decreases the likelihood of these hazardous materials ending up in the receiving streams.</p>	<p>Measurable Goals: Ensure that above ground storage tanks are equipped with secondary containment and that chemicals are stored and managed with appropriate containments. Conduct regular inspections and perform appropriate maintenance.</p>	<p>Reduction Goal %: 100% reduction of improperly stored hazardous materials.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Beginning in 2005, inspect and maintain municipal hazardous material storage locations. This will be ongoing.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: The GSWMD will record the number and locations of sites inspected and actions taken.</p>		

Stormwater Quality Management Plan

Road Salt Storage



<i>What is this and what information should I look for?</i>	BMP Description: The GSWMD has two designated road salt storage locations. One location utilizes a freestanding storage building. The other is an outdoor tarp covered location. This BMP also considers alternative types of deicing measures.		Reference Material:	
<i>Where does this apply and who will it help?</i>	Applicable MCMs: <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping		Targeted Audience: <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel	
<i>Who can I work with?</i>	Potential Participants in Implementation: Lake County Highway Department, INDOT.			
<i>How will this improve water quality and how do I track it?</i>	Water Quality Benefits: By reducing the improper application and wasted deicing material, it reduces the likelihood of the material running off into the receiving streams.	Measurable Goals: Investigate alternate road deicing measures. Reduce the potential for road salt entering storm water through the use of grass covered snow disposal areas located away from the receiving waters.	Reduction Goal %: Not Applicable	
<i>How often is action required?</i>	Schedule: Beginning in 2005, the City of Gary will evaluate the need for road salt storage. This will be ongoing.			
<i>What paperwork is required?</i>	Reporting and Recordkeeping Requirements: The GSWMD will record the amount of road deicing material applied each season.			

Stormwater Quality Management Plan

Spill Prevention for Municipal Operations



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The GSWMD will ensure that there is a spill prevention plan in place for municipal operations.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 		<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: None</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By increasing the ability to properly clean up spills, it reduces the likelihood that the material will end up in the receiving streams.</p>	<p>Measurable Goals: Ensure that spill kits are maintained in close proximity to municipal operations.</p>	<p>Reduction Goal %: 100% reduction in the number of locations without spill prevention kits.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Beginning in 2005, spill prevention plans will be reviewed. This will be ongoing.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: Conduct regular inspection of municipal operations and document any deficiencies. Keep record of number and location of spill kits. Summarize information in annual reports.</p>		

Stormwater Quality Management Plan

Automotive Fluids Recycling



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The GSWMD will recycle or properly dispose of automotive fluids. The GSWMD will also coordinate recycling opportunities for residents by providing locations that accept automotive fluids and other recyclable material.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> MCM-1 Public Education and Outreach <input checked="" type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: Local automotive centers, Lake County Solid Waste District</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By recycling and properly disposing of automotive fluid and waste material, it reduces the likelihood that it will end up in the receiving stream.</p>	<p>Measurable Goals: The MS4 will attempt to reduce the amount of automotive fluid from municipal areas and increase the amount of material to be recycled.</p>	<p>Reduction Goal %: 100% reduction in the amount of automotive fluids and waste materials being disposed of improperly.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Recycling and waste disposal are ongoing programs.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: Record the locations that accept recycling material and the type of material they accept.</p>		

Stormwater Quality Management Plan

Water Quality for Flood Control Projects



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: New flood management projects within the GSWMD will address storm water quantity and evaluate the potential for addressing storm water quality. During the pre-construction phase for new projects, a determination will be made to see if a practice can be modified to address the reduction of pollutants associated with stormwater runoff or if additional BMPs can be designed into the watershed of the project to improve the water quality.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: Consultants, IDNR, IDEM</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By ensuring that flood management projects are evaluated for water quality impacts it will reduce the likelihood that pollution will enter receiving streams.</p>	<p>Measurable Goals: Document that all new MS4 controlled flood management projects are evaluated for water quality impacts.</p>	<p>Reduction Goal %: This BMP will reduce the amount of flood management projects without water quality measures.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: The GSWMD is already implementing this BMP. This practice will continue indefinitely.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: Include a description of flood management projects that have been evaluated for water quality in annual reports.</p>		

Stormwater Quality Management Plan

Maintenance of Roadside Shoulders and Ditches



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The GSWMD will perform roadside shoulder and ditch stabilization as required for areas that have become eroded or un-vegetated. Stabilization BMPs include the placement of riprap in ditches that are eroded from high flows, re-establishing grass cover along roadside shoulders, the use of erosion control blanketing along eroded slopes, or other similar activities. Training shall be conducted for municipal employees to identify problem areas and learn appropriate stabilization techniques. Problem areas may be identified during mowing operations. For areas maintained by GSWMD, grass covered areas will be reseeded to re-establish appropriate vegetation.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: None</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By reducing roadside shoulder and ditch erosion, it reduces the amount of sediment in the receiving streams.</p>	<p>Measurable Goals: Demonstrate an increase in linear feet of stabilized roadside shoulders or ditches. Demonstrate an increase in the total area re-vegetated.</p>	<p>Reduction Goal %: 100% reduction of roadside shoulders and ditches that are not maintained.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Beginning in 2005, inspect outfalls annually and repair as needed.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: Document the total shoulder area or length of ditch stabilized. Information to be included in the annual report.</p>		

Stormwater Quality Management Plan

Outfall Scouring Repair



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The MS4 will conduct dry weather inspections at all storm sewer outfalls. Outfalls will be evaluated for erosion scouring conditions during outfall inspections. Erosion and scouring around the outfalls will be repaired as determined by the MS4 entity.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: Lake County, IDEM, US Army Corps of Engineers.</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By repairing outfall scouring, it reduces the likelihood of sediment ending up in receiving streams.</p>	<p>Measurable Goals: Demonstrate maintenance on an increase in number of storm water outfall areas remediated due to erosion scouring conditions. All outfalls will be inspected annually for erosion and scouring conditions. Outfalls with scouring will be repaired with riprap or other measures as required.</p>	<p>Reduction Goal %: 100% reduction in the amount of scoured soils that may be transported in a watercourse.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Beginning in 2005, inspect outfalls annually and repair as needed.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: The GSWMD will maintain a map showing the location of the snow disposal areas.</p>		

Stormwater Quality Management Plan

Snow Disposal Areas



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: The GSWMD designates snow disposal areas on public properties on an as needed basis. The GSWMD is considering designating specific areas to be utilized when snowfall accumulation is excessive.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: None</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By placing excess snow in a designated snow disposal area, it reduces the likelihood of road debris ending up in receiving streams.</p>	<p>Measurable Goals: Ensure that snow is deposited in the designated locations and not placed on an impervious surface. Incorporate into annual training sessions.</p>	<p>Reduction Goal %: 100% reduction of the lack of designated disposal areas.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Identify all potential snow disposal areas in 2005. Use the snow disposal area as needed during heavy snowfall.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: The GSWMD will maintain a map showing the location of the snow disposal areas.</p>		

Stormwater Quality Management Plan

Catch Basin Cleaning



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: Catch basins within the MS4 area will be cleaned with a Vac-Truck. Material removed from the catch basins will be disposed of properly.</p>		<p>Reference Material:</p>
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 	<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input checked="" type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: None</p>		
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By cleaning the storm sewers, it reduces the amount of debris that ends up in the receiving streams.</p>	<p>Measurable Goals: Demonstrate an increase in the amount of debris collected from catch basin cleaning. All catch basins will be cleaned as needed and at least once during the permit term.</p>	<p>Reduction Goal %: 100% reduction of catch basins that are not cleaned.</p>
<p><i>How often is action required?</i></p>	<p>Schedule: Beginning in 2005, cleaning will be performed on a periodic basis.</p>		
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: Vac-Truck operators will record the total amount of material removed from catch basins. Yearly totals will be recorded in annual reports.</p>		

Stormwater Quality Management Plan

Canine Parks



<p><i>What is this and what information should I look for?</i></p>	<p>BMP Description: There are no known canine parks located within the MS4. Additionally, the MS4 has no plans to develop canine parks.</p>		<p>Reference Material:</p>	
<p><i>Where does this apply and who will it help?</i></p>	<p>Applicable MCMs:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MCM-1 Public Education and Outreach <input type="checkbox"/> MCM-2 Public Participation and Involvement <input type="checkbox"/> MCM-3 Illicit Discharge Identification and Elimination <input type="checkbox"/> MCM-4 Construction Site Stormwater Runoff Control <input type="checkbox"/> MCM-5 Post-Construction Site Stormwater Runoff Control <input checked="" type="checkbox"/> MCM-6 Pollution Prevention and Good Housekeeping 		<p>Targeted Audience:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Residents <input type="checkbox"/> Visitors <input type="checkbox"/> Public Service Employees <input type="checkbox"/> Commercial Facilities <input type="checkbox"/> Industrial Facilities <input type="checkbox"/> Construction Site Personnel 	
<p><i>Who can I work with?</i></p>	<p>Potential Participants in Implementation: None</p>			
<p><i>How will this improve water quality and how do I track it?</i></p>	<p>Water Quality Benefits: By locating canine parks away from receiving streams, it reduces the likelihood that pet wastes will enter receiving streams.</p>	<p>Measurable Goals: No canine parks will be located within 150 feet of a receiving stream.</p>	<p>Reduction Goal %: Not Applicable</p>	
<p><i>How often is action required?</i></p>	<p>Schedule: Canine parks will be regulated by the City of Gary Stormwater Management Ordinance to be enacted in 2005.</p>			
<p><i>What paperwork is required?</i></p>	<p>Reporting and Recordkeeping Requirements: Any information regarding new canine parks in the MS4 will be included in annual reports.</p>			