STORMINATER MANAGEMENT DE

Website

	MANAGENT			
What is this and what information should I look for?	BMP Description: The GSWMD will work with NIRPC to create ar website with relevant stormwater information.	nd maintain a	Reference Materia	al:
	Applicable MCMs:		Targeted Audienc	e:
	MCM-1 Public Education and Outreach		Residents	
Where does	MCM-2 Public Participation and Involvement		☐ Visitors	
this apply and who will it		nination	☐ Public Service En	nployees
help?		Control	☐ Commercial Facil	lities
1	MCM-5 Post-Construction Site Stormwater Run	noff Control	☐ Industrial Facilitie	es
	MCM-6 Pollution Prevention and Good Housek	teeping		Personnel
Who can I work with?	Potential Participants in Implementation: NIRPC			
How will this improve water quality and how do I track it?	By having informed citizens, it increases the	Measurable (Create website information.		Reduction Goal %: 100% reduction of lack of GSWMD website.
How often is action required?	Schedule: Beginning in 2005, the GSWMD will work with water information. This will be ongoing.	NIRPC to creat	e and maintain websit	e with storm
What paperwork is required?	Reporting and Recordkeeping Requirement Track the number of visitors to the website.	nts:		

Storm Water Hotline



	MANAGEM			
	BMP Description:		Reference Materia	al:
What is this and what information should I look for?	Complaints, information requests, and inquiries construction site erosion and sediment control wincorporated into the Storm Water Hotline. Con will be completed for each call received. Compliance investigated, tracked, and resolved by the GSWI	rill be nplaint forms laints will be		
	Applicable MCMs:		Targeted Audienc	e:
	MCM-1 Public Education and Outreach		Residents	
Where does			☐ Visitors	
this apply and		mination	☐ Public Service En	nployees
who will it help?		Control	☐ Commercial Facil	ities
ncip.		noff Control	☐ Industrial Facilitie	es
	MCM-6 Pollution Prevention and Good House	keeping		Personnel
Who can I work with?	Potential Participants in Implementation: NIRPC			
How will this improve water quality and how do I track it?	Water Quality Benefits: By understanding where problems occur, it will enable the GSWMD to inspect and correct these problems.	Water Hotline. investigation, a Filing of comp resolution of co complaints by flooding, erosion	Goals: nent of the Storm The recording, and tracking of calls. laint forms and omplaints. Sorting of type; for example on, water quality, truction site, or other.	Reduction Goal %: 100% reduction of lack of formal complaint system.
How often is action required?	Schedule: The Storm Water Hotline will be initiated in 200	05 and will conti	inue throughout the per	rmit term.
What paperwork is required?	Reporting and Recordkeeping Requirements: Complaint forms and investigation records will be kept on file at the GSWMD office and reviewed annually to determine pollution concerns and recommendations for BMPs, if necessary.			

City of Gary Stormwater Management Ordinance



	MANAGEME.			
What is this and what information should I look for?	BMP Description: The GSWMD has created the City of Gary Storm Management Ordinance. This ordinance establish regulatory authority and complies with the updat and Rule 5 requirements	hes the	Reference Materi	al:
	Applicable MCMs:		Targeted Audience	ee:
	MCM-1 Public Education and Outreach		Residents	
Where does	MCM-2 Public Participation and Involvement		∇isitors	
this apply and	MCM-3 Illicit Discharge Identification and Elin	mination	□ Public Service En	mployees
who will it help?		Control		lities
neip.	MCM-5 Post-Construction Site Stormwater Ru	noff Control		les
		keeping	Construction Site	e Personnel
Who can I work with?	Potential Participants in Implementation: None			
How will this improve water quality and how do I track it?	Water Quality Benefits: By establishing an ordinance, it allows the GSWMD to comply with the state regulations.	adopted in 2005. reduction of the lack of illicit discharge a detection ordinance, construction site runoff control ordinance, and a post-construction runoff control		Goal %: 100% reduction of the lack of an illicit discharge and detection ordinance, construction site runoff control ordinance, and a post- construction runoff
How often is action required?	Schedule: The City of Gary Stormwater Management Ordin	nance will be ac	lopted in 2005.	
What paperwork is required?	Reporting and Recordkeeping Requireme The MS4 operator will retain a copy of the ordin		option date.	

Stormwater Technical Standards Manual



	MANAGENT			
	BMP Description:		Reference Materia	al:
What is this and what information should I look for?	The GSWMD has created the City of Gary Storm Technical Standards Manual. This Manual includand practices that comply with the updated Rule regulations.	des principles		
	Applicable MCMs:		Targeted Audienc	e:
	MCM-1 Public Education and Outreach		Residents	
Where does	☐ MCM-2 Public Participation and Involvement		☐ Visitors	
this apply and		nination	□ Public Service En	nployees
who will it help?		Control		ities
neip:		noff Control		es
	MCM-6 Pollution Prevention and Good Housek	keeping		Personnel
Who can I work with?	Potential Participants in Implementation: GSWMD has worked with Lake County to establish these standards.			
How will this improve water quality and how do I track it?	Water Quality Benefits: By establishing the Technical Standards, it provides for compliance with the state regulations, and consistency among new stormwater facilities.	andards, it e state The City of Gary Stormwater Technical Standards Manual will be Tool %: Varies bas on structure		Varies based on structural BMP
How often is action required?	Schedule: Implementation of the standard will be ongoing.	The standards	will be adopted in 200	5.
What paperwork is required?	Reporting and Recordkeeping Requirements: The GSWMD MS4 operator will retain a copy of the current City of Gary Stormwater Technical Standards Manual.			

Training of Plan Reviewer and Construction Site Inspector



What is this and what information should I look for?	BMP Description: MS4 area personnel responsible for plan review, and enforcement of construction BMPs will rece training addressing appropriate control measures protocol, and enforcement procedures.	ive annual	Reference Materia	
	Applicable MCMs:		Targeted Audienc	ee:
	MCM-1 Public Education and Outreach		Residents	
Where does	☐ MCM-2 Public Participation and Involvement		☐ Visitors	
this apply and who will it	MCM-3 Illicit Discharge Identification and Elin	nination	Nublic Service En	mployees
help?	MCM-4 Construction Site Stormwater Runoff C	Control	Commercial Faci	lities
	MCM-5 Post-Construction Site Stormwater Ru	noff Control	Industrial Facilitie	es
	MCM-6 Pollution Prevention and Good Housel	keeping	Construction Site	Personnel
Who can I work with?	Potential Participants in Implementation: The GSWMD may work with the following orga IDEM, IDNR, IACT, and County SWCD.		ler to provide training:	NIRPC,
How will this improve water quality and how do I track it?	Water Quality Benefits: By ensuring that the plan reviewer and construction site inspector are trained, it reduces the likelihood of improper erosion controls.		Goals: wers and inspectors ining on an annual	Reduction Goal %: 100% of untrained plan reviewers and inspection staff will be trained.
How often is action required?	Schedule: Training will begin in 2005 and will be conducted.	ed at least annua	ally.	
What paperwork is required?	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.			

Plan Review for SWPP and Erosion and Sediment Control



			MAN	VAGEME
What is this and what information should I look for?	BMP Description: Plan Review for Steprevention (SWPP) and Erosion and Sediincorporated into the current process. The evaluate the plans per the City of Gary Ste Standards Manual. A plan review checklif for the project site developer to use in the SWPP and Erosion and Sediment Control will use a Technical Review and Commer SWPP and Erosion and Sediment Control Comments on the SWPP and Erosion and Plans will be forwarded to the developer. make revisions based on the comments an SWPP and Erosion and Sediment Control reviewer. This process will continue until and Erosion and Sediment Control Plan is	ment Control will be e plan reviewer will ormwater Technical ast will be developed development of the Plans. The reviewer at Form during Plan review. Sediment Control Developer will ad submit revised Plans to the an acceptable SWPP	Reference Mat	erial:
Where does this apply and who will it help?	Applicable MCMs: ☐ MCM-1 Public Education and Outreach ☐ MCM-2 Public Participation and Involvement ☐ MCM-3 Illicit Discharge Identification and Elimination ☑ MCM-4 Construction Site Stormwater Runoff Control ☑ MCM-5 Post-Construction Site Stormwater Runoff Control ☑ MCM-6 Pollution Prevention and Good Housekeeping		Targeted Audi ☐ Residents ☐ Visitors ☐ Public Servic ☐ Commercial ☐ ☐ Industrial Fac ☐ Construction	e Employees Facilities
Who can I work with?	Potential Participants in Implement Lake County Soil and Water Conservation		<u> </u>	
How will this improve water quality and how do I track it?	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.	requirements of 327 IAC 15-5 (Rule 100% reduction		Goal %: 100% reduction of applicable construction sites that do not have SWPP and Erosion and Sediment Control
How often is action required?	Schedule: The plan review process will be developed	d during 2005 and will	be reviewed annu	ally.
What paperwork is required?	Reporting and Recordkeeping Required GSWMD will record the number of permit dedicated to reviewing SWPP and Erosion	its issued by the MS4 of		number of hours

Erosion and Sediment Control Inspections



What is this and what information should I look for?	BMP Description: The MS4 will develop policies and procedures for sediment control inspections and assign responsitions inspections. Inspections will be coordinated throughout GSWMD.	bilities for	Reference Materia	ıl:
Where does this apply and who will it help?	Applicable MCMs: ☐ MCM-1 Public Education and Outreach ☐ MCM-2 Public Participation and Involvement ☐ MCM-3 Illicit Discharge Identification and Elimination ☐ MCM-4 Construction Site Stormwater Runoff Control ☐ MCM-5 Post-Construction Site Stormwater Runoff Control ☐ MCM-6 Pollution Prevention and Good Housekeeping		Targeted Audienc ☐ Residents ☐ Visitors ☐ Public Service En ☐ Commercial Facil ☐ Industrial Facilitie ☐ Construction Site	nployees ities es
Who can I work with?	Potential Participants in Implementation: Inspections to be conducted by construction site inspectors and MS4 personnel or their representatives.			
How will this improve water quality and how do I track it?	By inspecting construction sites, it ensures that sediment remains on site and not in the		Goals: n sites issued Rule 5 inspected by the	Reduction Goal %: 100% reduction of applicable construction sites not being inspected.
How often is action required?	Schedule: Erosion and sediment control inspections of cons Stormwater Management Ordinance has been ap		vill begin once the City	of Gary
What paperwork is required?	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.			

Enforcement of Erosion and Sediment Control Requirements



Created: April 18, 2005

Last Revision Date: April 20, 2005

	MANAGE			
What is this and what information should I look for?	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.		Reference Materia	ıl:
	Applicable MCMs:		Targeted Audience	e:
	MCM-1 Public Education and Outreach		Residents	
Where does	MCM-2 Public Participation and Involvement		☐ Visitors	
this apply and who will it	☐ MCM-3 Illicit Discharge Identification and Elimina	nation	□ Public Service En	nployees
help?	MCM-4 Construction Site Stormwater Runoff Con	ntrol	Commercial Facil	ities
•	MCM-5 Post-Construction Site Stormwater Runof	ff Control	☐ Industrial Facilitie	es
	MCM-6 Pollution Prevention and Good Housekeeping		☐ Construction Site	Personnel
Who can I work with?	Potential Participants in Implementation: None			
How will this improve water quality and how do I track it?	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	ecorded on ins acluded in mor	Goals: It actions will be pection sheets, nthly reports to luded in annual	Reduction Goal %: 80% reduction of construction site non- compliance.
How often is action required?	Schedule: Policies and procedures for enforcement of erosion into place once the City of Gary Stormwater Manag		-	•
What paperwork is required?	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.)			

Erosion and Sediment Control Construction Plan Review for MS4 Projects



Created: April 18, 2005

Last Revision Date: April 20, 2005

	4 1 1 0 Jec is			
What is this and what information should I look for?	BMP Description: All applicable construction activities operated by be submitted to the Lake County Soil and Water (District (SWCD) for review and approval. The coplans will be reviewed for conformance with the Stormwater Management Ordinance and the City Stormwater Technical Standards Manual.	Conservation onstruction City of Gary	Reference Materia	ıl:
	Applicable MCMs:		Targeted Audience	e:
	MCM-1 Public Education and Outreach		Residents	
Where does	☐ MCM-2 Public Participation and Involvement		☐ Visitors	
this apply and	☐ MCM-3 Illicit Discharge Identification and Elim	ination	Public Service En	nployees
who will it help?	MCM-4 Construction Site Stormwater Runoff C	Control	Commercial Facil	ities
neip:	MCM-5 Post-Construction Site Stormwater Run	noff Control	☐ Industrial Facilitie	es
	MCM-6 Pollution Prevention and Good Housek	eeping		Personnel
Who can I work with?	Potential Participants in Implementation: Lake County Soil and Water Conservation District.			
How will this improve water quality and how do I track it?	By having Lake County Soil and Water Conservation District review MS4 operator's All construction plans for applicable MS4 projects will be Not		Reduction Goal %: Not Applicable	
How often is action required?	Schedule: All GSWMD plans are currently reviewed by the following the acceptance of the City of Gary Stor DNR and MS4 agree that the MS4 is in complian	mwater Manag	gement Ordinance in 20	
What paperwork is required?	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.			

Water Quality for Flood Control Projects



	MANAGENI			
What is this and what information should I look for?	BMP Description: New flood management projects within the GSW address storm water quantity and evaluate the po addressing storm water quality. During the pre-complex phase for new projects, a determination will be made a practice can be modified to address the reduction pollutants associated with stormwater runoff or its BMPs can be designed into the watershed of the improve the water quality.	tential for onstruction nade to see if on of f additional	Reference Materia	al:
	Applicable MCMs:		Targeted Audienc	e:
Where does this apply and who will it help?	 MCM-1 Public Education and Outreach MCM-2 Public Participation and Involvement MCM-3 Illicit Discharge Identification and Elin MCM-4 Construction Site Stormwater Runoff C MCM-5 Post-Construction Site Stormwater Run MCM-6 Pollution Prevention and Good Housek 	Control noff Control	 □ Residents □ Visitors ⊠ Public Service En □ Commercial Faci □ Industrial Faciliti □ Construction Site 	lities
Who can I work with?	Potential Participants in Implementation: Consultants, IDNR, IDEM			
How will this improve water quality and how do I track it?	By ensuring that flood management projects are evaluated for water quality impacts it will reduce the likelihood that pollution will enter	Document that all new MS4 t will enter projects are evaluated for water quality impacts. Goal %: This BMP will reduce the amount flood management projects		This BMP will reduce the amount of flood management projects without water quality
How often is action required?	Schedule: The GSWMD is already implementing this BMP	This practice	will continue indefinite	ely.
What paperwork is required?	Reporting and Recordkeeping Requirements: Include a description of flood management projects that have been evaluated for water quality in annual reports.			

Coordinate Training Efforts



	MANAGENT			
What is this and what information should I look for?	BMP Description: The GSWMD will work with NIRPC and other and professional organizations to ensure that public employees receive at least annual training in poll prevention and good housekeeping techniques.	olic service	Reference Materia	al:
	Applicable MCMs:		Targeted Audienc	e:
	MCM-1 Public Education and Outreach		Residents	
Where does	☐ MCM-2 Public Participation and Involvement		☐ Visitors	
this apply and	☐ MCM-3 Illicit Discharge Identification and Elin	nination	Public Service En	nployees
who will it help?		Control		lities
ncip:		noff Control		es
	MCM-6 Pollution Prevention and Good Housek	keeping	☐ Construction Site	Personnel
Who can I work with?	Potential Participants in Implementation: The GSWMD may work with the following organizations in order to provide training: NIRPC, IDEM, IDNR, IACT, and County SWCD.			: NIRPC,
How will this improve water quality and how do I track it?	By ensuring that the plan reviewer and construction site inspector are trained, it reduces the likelihood of improper erosion controls. All municipal employees will receive annual storm water pollution prevention and good housekeeping training. Goal Goal Goal Goal Goal Goal Goal Goal		Reduction Goal %: 100% of untrained personnel will be trained.	
How often is action required?	Schedule: Training will begin in 2005 and will continue annually.			
What paperwork is required?	Reporting and Recordkeeping Requirements: Retain copies of sign-in sheets, meeting agendas and training handouts.			