

1. Public Education and Outreach Program

BMP	Description	Status					
		Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
Department's Website	Develop and maintain a site with links to annual reports and other storm water documents.	X			X		
Storm Water Brochure	Develop and distribute the Department's storm water informational brochure.	X			X		
Adopt-A-Highway Program	Develop and implement a cooperative program to clean roadsides.	X			X		
Storm Water Committee	The Storm Water Committee continues to identify how to make the public aware of storm water issues. The group is represented by Central Bureau, District, Illinois Environmental Protection Agency (IEPA) and Federal Highways Administration (FHWA) personnel.	X			X		
Presentations at Various Engineering and Association Meetings	Provide technical presentations at the request of various conferences.	X			X		
Public Meetings	Encourage storm water discussions to take place at public meetings held for Department projects.	X		X		X	

A. BMPs

I. General Summary

Outreach to the public is vital to the Department's storm water efforts. The Department created a storm water runoff website. The Department uses our web page and the storm water brochure as primary resources to help highlight the importance of controlling illicit discharges from the public and to explain Department programs. The brochure is available at District offices, Interstate rest areas and can be obtained from the Department's Publications office. The Department's Adopt-A-Highway Program continues to be a popular cooperative program with communities and organizations.

The Storm Water Committee utilizes the diverse experience of Department, IEPA, and FHWA staff with respect to the Clean Water Act. The committee reviews material to ensure the proper message is sent. Furthermore, the committee provides technical presentations at the request of various conferences.

II. Status of Goals

The overall goal of reducing pollutants of concern is aided by these BMPs. The Department continues to stress the importance of storm water and pollution control to our stakeholders, customers, and business associates.

III. Appropriateness

The BMPs selected are all appropriate for a highway department.

IV. Effectiveness

The Storm Water web site provides a valuable, accessible resource for Department personnel and the general public to learn about storm water issues in the highway construction industry.

The brochure is a valuable resource; available at the Department's website.

The Adopt-a-Highway program continues to be a success and has a direct impact on eliminating waste, trash, and garbage from reaching waterways.

Public meetings provide the Department with an opportunity to discuss the importance of Storm Water Management in highway projects; however, tracking this was not possible with current staffing levels and resources.

Presentations at various conferences, meetings, and events allows the Department to share lessons learned, educate external partners (i.e. local highway agencies, consulting engineers, and contractors), and provide the status of IDOT's Storm Water Program.

V. Proposed Modifications

Tracking the number of public information meetings held and determining whether storm water issues were addressed proved to be too difficult; therefore, this has been removed as a measurable goal. However we will continue to address the public as necessary. The Department plans to revise the brochure to ensure its accuracy and usefulness.

B. Results of Information Collected and Analyzed

From April 1, 2008 to March 31, 2009, the Storm Water Management Program web site has had 2,291 views with 1,454 visits that averaged 43 seconds per view.

From April 1, 2008 to March 31, 2009, the Storm Water Runoff Pollution Brochure web site has had 1,132 views with 827 visits that averaged 23.5 seconds per view.

The total number of brochures handed out could not be determined as they are available at a variety of public spaces and events.

During this reporting period approximately 7,600 bags of litter statewide amounting to 1,900 cubic yards of trash from 15,087 shoulder miles of roadway were collected through the Adopt-A-Highway Program with more than 1,700 groups participating.

The Storm Water Committee met five times during this reporting period. Many issues have been identified and solutions devised. This committee will continue to meet to ensure that the Department addresses storm water issues.

Presentations were made at eight of nine District Project Implementation meetings and at a downstate erosion and sediment control seminar hosted by ASP.

C. Next Reporting Cycle Activities and Implementation Schedule Modifications

The Department plans to revise the storm water brochure to ensure accuracy and look into the possibility of developing an educational coloring book.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		Yes	No	Completed this year	Ongoing Implementation
Department's Website	Number of views, visits, and length of views to the environmental link.	X		Yes	Yes
Storm Water Brochure	Number of views, visits, and length of views to the brochure website.	X		Yes	Yes
Adopt-A-Highway Program	Number of groups participating, amount of litter removed from the highways, and number of web hits.		X	Yes	Yes
Storm Water Committee	Number of meetings held.		X	Yes	Yes
Presentations at Various Engineering and Association Meetings	Number of presentations.		X	Yes	Yes

2. Public Involvement Program

BMP	Description	Status					
		Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
Adopt-A-Highway Program	Develop and implement a cooperative program to clean roadsides.	X			X		
Discuss Storm Water Impacts in Environmental Documents	Discuss storm water impacts and measures to minimize impacts in NEPA documents.	X			X		
Distribute Educational Materials	Develop and Distribute the Department's Storm Water informational brochure.	X				X	
Participate as a Stakeholder in Stormwater Groups	Represent IDOT on public involvement groups where roadway impacts to stormwater are likely.	X				X	

A. BMPs

I. General Summary

The public is encouraged to provide comments about environmental impacts from projects including storm water at all formal and informal public involvement meetings, including through the Department's Context Sensitive Solutions initiative. The public can also send in questions about the Department's activities through the Department's website "Contact Us" link. Department personnel participate in Chicago's Green Urban Design Initiative, Chicago Gateway Green, Illinois Green Coordinating Council, Illinois Urban Manual, Illinois Road and Transportation Builders Landscape/Erosion Subcommittee and other corridor specific groups and make presentations at public forums regarding storm water related issues.

II. Status of Goals

The Adopt-A-Highway program continues to be effective. Department personnel participated as stakeholders in the City of Chicago's "Green Urban Design" Initiative, Chicago Gateway Green and Illinois' Green Coordinating Council. Department personnel continue to work with personnel from Soil and Water Conservation Districts regarding ways the two groups could collaborate to improve erosion and sediment control on roadway projects including revisions to the Illinois Urban Manual.

III. Appropriateness

All the BMPs selected are appropriate for a highway department.

IV. Effectiveness

The Adopt-a-Highway Program has resulted in substantial amounts of trash, tires, and debris being removed from areas that could have produced storm water pollution.

The effectiveness of including a storm water discussion at public involvement meetings still needs evaluation.

The Department uses brochures to inform the public about pollution disclosure. However, it's not exactly clear how many brochures were read by the public or how effective having a storm water discussion in environmental documents is for the public.

The Department is represented on the Green Urban Design Initiative.

V. Proposed Modifications

Further incorporate public involvement regarding storm water issues during the term of the permit. Although it proved impractical to develop questions for use by the public at meeting, we will continue to answer questions raised at public meetings.

B. Results of Information Collected and Analyzed

See Adopt-A-Highway discussion under the Public Education and Outreach Program.

C. Next Reporting Cycle Activities and Implementation Schedule Modifications

Encourage Department personnel to participate in storm water groups organized by other MS4s in Illinois. Encourage knowledgeable individuals to make presentations at public forums regarding the Department's public involvement programs.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		Yes	No	Completed this year	Ongoing Implementation
Adopt-A-Highway Program	The number of groups participating and the amount of litter and debris removed.		x	Yes	Yes
Storm Water Discussions in Environmental Documents	The number of environmental documents.		x	Yes	Yes
Education Materials at Public Meetings	Availability of materials.		x	Yes	Yes
Develop typical discussion questions for use at Public Involvement	Number of typical questions developed.	x		No	No
Participate as Stakeholder in Stormwater Groups	Number of group involvements.		x	Yes	Yes

3. Illicit Discharge and Detection Program

BMP	Description	Status					
		Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
Storm Sewer Maintenance Program	The Department's maintenance forces are responsible for storm sewer maintenance by detecting storm sewer failures and needed repairs along the highway system.	X			X		
Environmental Compliance Audits	Conduct Environmental Compliance Audits for all Department facilities.	X			X		
Erosion Control Deficiency Deduction	The Department has updated the Erosion and Sediment Control Deficiency Deduction Provision. This will make it easier to implement when a contractor causes an illegal discharge.	X			X		
Storm Water Outfall Map	Provide an outfall map of the Department's storm sewer system and outfalls. The Department is in the process of developing procedures and methods in our most urbanized District for mapping procedures. The procedures and methods developed there will then be used statewide for mapping in our urbanized areas.					X	
Illicit Discharge Program	Develop and implement an Illicit Discharge Program.	X				X	
Hazardous Material Spills Procedures & Training	Develop procedures and training for hazardous waste spills.	X			X		
Litter Removal Programs	The Department continues to improve and implement programs for litter removal along right-of-ways with the Adopt-A-Highway Program and the use of work release inmates from the prisons.	X			X		

A. BMP's

I. General Summary

The Department will continue efforts on the environmental compliance audits and identify efforts to refine the storm system outfall map with input from IEPA and our consultant. The Department's pilot project in districts 1 and 8 at four selected maintenance yards where inlet filters have been installed and are being tested for their ability to remove both liquid and solid waste has been successful to date. Further investigations will take place to determine the feasibility of implementing on a larger scale.

The Department is including an updated Erosion Control Deficiency Deduction specification in all highway contracts. Recent revisions have made this deduction more stringent in an attempt to make it more effective. This deduction serves as a sanction against any contractor who causes an illicit discharge or the potential for an illicit discharge.

Hazardous materials spills along the highway system have been responded to, cleaned up, and responsible parties identified. The Department had an incident in one of our districts where a complaint came into the District of mud being tracked onto one of our highways from a private construction site. The IDOT permits section investigated and sent a letter to the company building the facility telling them it needed to be cleaned up right away. The construction company who made the mess responded with how they will remedy the situation and it was taken care of immediately.

The Department has in place several programs dealing with litter removal. The Department has an agreement with the Department of Corrections for litter pickup by inmates along our highways. The Department also has the Adopt-A-Highway Program whereby 1,700 local groups and organizations are responsible for litter and debris removal along a sponsored section of roadway. The Department also works with the Gateway Green Group in the Chicago area for litter pickup along the expressways.

II. Status of Goals

The goals for the Erosion Control Deficiency Deduction, SWPPP's, hazardous materials spills procedures, environmental compliance audits, and IDOT/DOC litter, Adopt-A-Highway and debris removal programs generally are continuing to be met and the Department is continuing to make improvements. The Department hopes to provide procedures and methods for the storm sewer outfall mapping issue as well as improving efforts to coordinate an illicit discharge program by maintenance forces.

III. Appropriateness

All BMPs selected are appropriate for a highway department.

IV. Effectiveness

The effectiveness of the stated BMPs is evidenced by the lack of complaints received by the Department from the general public pertaining to litter, sewer failures and discharges from IDOT owned facilities and the ability of the Department to minimize impacts on the environment due to illicit discharges and spills by our contractors or the general public.

V. Proposed Modifications

The consultant selected to modify the storm water outfall map has started developing procedures and methods in our most urbanized District. The Department is developing maintenance guidelines as a result of the compliance audits. Once developed these will then be used statewide in other urbanized areas. The Department further refined the Erosion Control Deficiency Deduction to address issues observed during last construction season.

B. Results of Information Collected and Analyzed

The Department conducted an additional ten surveys bringing the number of Environmental Compliance Audits for maintenance facilities that have been completed to thirty seven. During this reporting period the Department spent \$8.5 million on storm sewer activities such as sewer, culvert, and inlet cleaning and repair. Department forces spent \$7.8 million removing trash and litter from the highways that could have found their way into the storm system.

C. Next Reporting Cycle Activities and Implementation Schedule Modifications

Completion of storm sewer and outfall mapping in District 1 with the development of maintenance guidelines for maintenance facilities that will be used statewide in other urbanized areas.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		Yes	No	Completed this year	Ongoing Implementation
Storm Sewer Maintenance Program	Amount of dollars spent on detecting and repairing storm sewer system.		X	Yes	Yes
Environmental Compliance Audits	The number of audits performed.		X	Yes	Yes
Erosion Control Deficiency Deduction	Included in all contracts.		X	Yes	Yes
Storm Water Outfall Map	Progress toward mapping the Department's storm sewer system and outfalls.		X	Yes	Yes
Illicit Discharge Program	Progress towards developing a program to detect and eliminate discharges.		X	Yes	Yes

IDOT Annual Report (March 2008 to March 2009)

BMP	Proposed Measurable Goal	Modified?		Schedule	
		Yes	No	Completed this year	Ongoing Implementation
Hazardous Material Spills Procedures & Training	Develop and distribute procedures to all Highway District Offices.		x	Yes	Yes
Litter Removal Programs	The amount of dollars spent annually.		x	Yes	Yes

4. Storm Water Erosion Control Program

BMP	Description	Status					
		Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
Erosion Control Standards, Specifications and Special Provisions	Provide Standards, Specifications and Special Provisions to best comply with NPDES.			X	X		
Storm Water Pollution Prevention Plan	Provide complete, workable SWPPP to inform contractor how to best comply with NPDES.			X	X		
Erosion Control Preconstruction Meeting	Conduct preconstruction meeting to emphasize the importance of NPDES compliance.	X			X		
Erosion Control Inspections and Reports	Develop and make available BMP guidelines, checklists and standard inspection reports to aid with inspection of the Department's projects to best comply with NPDES.			X	X		
Storm Water Committee	Organize and utilize the Department's diverse expertise with respect to Clean Water Act issues.	X			X		
Erosion Control Training	Develop and provide training to Department personnel, consultants and contractors on NPDES compliance.			X	X		

BMPs

I. General Summary

A provision has been implemented this reporting period allowing a deduction for any violation of the NPDES permit. This special provision is required on all construction contracts and will allow the deduction to be assessed for an MS4 violation even on projects that contain no earth disturbing activities. This provision provides an additional tool to ensure compliance of all aspects of the NPDES permit. Standards for the Department's best management practices are currently included in all contracts. New products are continually being evaluated for effectiveness and applicability to the Department's projects. Silt-Saver Frame and Filter Assembly has been approved by the Illinois Highway Development Council (IHDC) and a special provision for this item has been developed and will take effect on the July 2009 letting. The Department is utilizing a site near Lake Decatur to evaluate many hydromulches. Upon acceptance of these items by the IHDC, a special provision and design guidance will be developed for these items.

Guidelines have been implemented to assist the designers in preparing the SWPPP. The new SWPPP and guidelines are now required to be used on all Department let and awarded projects. A pre-letting check for the completeness of the SWPPP and Erosion Control plans contained in the contracts continues to be a requirement. Plans found lacking will not be let. Every contract including a SWPPP is required to have an erosion and sediment control meeting on site prior to earth disturbing activities. Standardized meeting guidelines are being reviewed for completeness and compliance with the current permit. Guidelines for maintenance of BMPs have been developed and are available to all staff. Modifications to the Erosion Control Inspector's check sheet are currently being reviewed to aid field staff in inspection requirements. Two environmental specialty firms reviewed erosion and sediment control as well as NPDES documentation compliance for the 2008 construction season. Two environmental specialty firms were hired to review NPDES documentation compliance, erosion and sediment control, and SWPPPs for the 2009 construction season. A third environmental specialty firm has been retained to create a construction handbook of BMP's and to also create a report on "green" infrastructure improvements. The Department has also entered into an agreement with the University of Illinois to develop a "Storm Water Pollution and Erosion and Sediment Control Products Demonstration and Training Center". The University of Illinois will also develop and provide training for construction inspectors and contractors.

A consultant has been hired to rewrite the Bureau of Design and Environment Manual's chapter on erosion and sediment control design guidance. The Department is placing a greater emphasis on this topic and has therefore removed this section from the landscape chapter and dedicated a new chapter to erosion and sediment control. Along with this new chapter will be a revised SWPPP detailing what is required of the contractor on each contract (schedule of BMP implementation, location and type of concrete washouts, etc.).

The Storm Water Committee continues to review and refine current and proposed BMPs. In addition to the above accomplishments, the committee visited active construction projects to observe their erosion and sediment control (ESC) practices, hired specialty firms to assist in creating erosion control training, and update the Department's design guidance for erosion and sediment control.

II. Status of Goals

The goals for the Department's Storm Water Erosion Control Program have been met but will continue to be evaluated.

III. Appropriateness

All the best management practices selected are appropriate for implementation by the Department. The Department will continue to evaluate the BMP's for effectiveness and appropriateness.

IV. Effectiveness

Refinements to standards have generated much discussion and awareness by the contractors resulting in proactively searching for ways to comply. Greatly expanded standardized SWPPPs are now being included in contracts, providing a better understanding of the requirements of the Clean Water Act and available erosion and sediment control BMPs to comply with our permits. Additional guidance for meetings and inspections help contractors and the Department's inspectors comply with NPDES. The Storm Water Committee's continued proactive evaluations of standards, specifications, guidelines and documentation continues to refine our processes.

V. Proposed Modifications

Major revision of the training courses is underway, including the development of a training facility combined with an outdoor lab environment. The Storm Water Committee meets regularly refining standards, specifications and documents as necessary to better comply with NPDES requirements.

B. Results of Information Collected and Analyzed

The Department has spent \$5.9 million on temporary erosion control practices and \$9.8 million on permanent practices during this reporting period. Erosion and sediment control was a topic for each district's annual implementation meeting which is attended by all Construction personnel. Approximately 600 individuals attended the annual District implementation meetings where NPDES regulations and erosion and sediment control practices were featured.

C. Next Reporting Cycle Activities and Implementation Schedule Modifications

The Department is currently updating its erosion and sediment control training classes for designers and construction staff. Independent audits will continue to be used to ensure storm water controls are being used properly. Audit results will be used as an educational tool for employees and the Storm Water Committee. The Department is developing a standard preconstruction erosion control meeting format. The Department will continue to review its policies, standards and specifications for effectiveness with compliance.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		Yes	No	Completed this year	Ongoing Implementation
Erosion Control Standards, Specifications and Special Provisions	Include in all applicable contracts.	x		Yes	Yes
Storm Water Pollution Prevention Plan	Include in all applicable contracts.	x		Yes	Yes
Erosion Control Preconstruction Meeting	Conduct for all contracts covered by NPDES permit.	x		Yes	Yes
Erosion Control Inspections and Reports	Have maintenance guideline for all BMPs installed on our projects.	x		Yes	Yes
Storm Water Committee	Effectiveness to adapt guidelines to changing conditions.		x	Yes	Yes
Erosion Control Training	Numbers of presentations and trained individuals.	x		Yes	Yes

5. Post Construction Monitoring Program

BMP	Description	Status					
		Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
Routine Post Construction Monitoring	Develop and implement a system of post construction monitoring of Department right-of-way to minimize negative storm water impacts.	X				X	
Monitor the Appropriateness of Vegetative Covers	Monitor success of vegetation practices such as the use of salt tolerant sod, tree, seeding, planting program and Department tree replacement policy.	X			X		
Monitor the Appropriateness of Structural Practices	Develop and implement procedures to assess the effectiveness and maintenance needs of structural practices.	X				X	

A. BMPs

I. General Summary

The Department has and uses a Maintenance Management and Information System (MMIS) database that can track the post construction conditions of our right-of-way and times of maintenance of our permanent storm water facilities to minimize negative impacts to waters of the United States.

The Department utilizes a number of roadside vegetation programs to help facilitate the intent of the post construction program. In areas adjacent to roadways where concentrations of salt may occur, a salt tolerant sod or grass seed is planted. The Department also has a cooperative with the Illinois Department of Natural Resources (IDNR) to grow native tree and shrub seedlings, prairie root stock, and native grass/forb seed that is then installed by the Department staff and community volunteers. In addition, the Department continues to implement the Department's tree replacement policy that replaces trees removed as a result of construction activity.

The Department's post construction storm water management of projects is accomplished by maintaining permanent storm water controls.

II. Status of Goals

The goal of monitoring and utilizing salt tolerant turfs, seedling planting and reforestation has been met.

The MMIS data base can be used to determine types of maintenance activities and dollars spent on the storm system. No formal procedures have been developed for post construction monitoring of structural practices, however the Department is planning on developing such procedures.

III. Appropriateness

All the BMPs selected are appropriate for a highway department.

IV. Effectiveness

The vegetation management programs have been effective in reducing runoff, erosion, and pollutants of concern in rural areas, however additional practices are being developed and implemented in more densely populated locations.

V. Proposed Modifications

Evaluate the MMIS system and determine if modifications can be made to identify all post construction monitoring activities and BMPs. The Department will need to develop procedures for monitoring and determining the required maintenance for structural practices.

B. Results of Information Collected and Analyzed

Our evaluation of vegetative cover has resulted in the Department and community volunteers planting 21,740 native tree and shrub seedlings, 11,054 native prairie plants, 1,150 pounds of native forb seed and 2,180 pounds of native grass seed all grown and supplied by the IDNR. In addition, the Department had over \$1.6 million of salt tolerant turf (seed and sod) and \$3.7 million of trees and shrubs installed under contracts. The Department's post construction and monitoring and maintenance of permanent storm water controls resulted in the maintenance of those items listed in the Illicit Discharge and Detection Program portion of this report.

C. Next Reporting Cycle Activities and Implementation Schedule Modifications

Identify procedures and BMP's for proper post construction monitoring.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		Yes	No	Completed this year	Ongoing Implementation
Routine Post Construction Monitoring	Proper post construction monitoring of the Department's MS4.		X	No	Yes
Monitor the Appropriateness of Vegetative Covers	Success of various planting types, methods, programs, etc.		X	Yes	Yes
Monitor the Appropriateness of Structural Practices	Success of structural practices.		X	No	Yes

6. Pollution Prevention / Good Housekeeping Program

BMP	Description	Status					
		Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
Environmental Compliance Assessments and Training	Conduct assessments targeted toward ensuring compliance with the Good Housekeeping measures required in the ILR40 permit.	X			X		
Road Salt Application and Storage	Determine appropriate storage and application of road salt.	X			X		
Department Training for Pesticides	Determine appropriate training for storage and application of pesticides.	X			X		
Proper Hazardous Material Disposal	Proper disposal of hazardous material generated at Department facilities.	X			X		
Utilize Inlet Filters	Install and maintain inlet filters at Department facilities as appropriate.	X			X		
Removal of Debris and Sediment from the Storm Water Conveyance System	Monitor removal of sediment and debris from the highway storm system in a timely manner.	X			X		
Environmental Management System	Develop a pilot environmental management system (EMS) based on the compliance assessments that have been conducted to date.	X			X		
Rest Areas Practices	Develop and implement Good Housekeeping practices at rest areas.	X			X		
Street Sweeping	Reduce pollutants of concern through routine street sweepings.	X			X		

BMP	Description	Status					
		Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
Vehicle Inspection	Reduce pollutants of concern through routine inspections of motor pool fleet.	X			X		
First Responder Training	Identification of methods to reduce impacts of hazardous material spills on the environment.	X			X		

A. BMPs

I. General Summary

The Department continues to move forward in conducting the environmental compliance assessments for all facilities as the assessments are the key to success of the good housekeeping measures. The Department continued in the effort to conduct environmental compliance assessments for all facilities. These assessments identify potential areas of concern such as disposal of waste, storm sewer impacts, storage, and handling of materials and vehicle maintenance. All Department facilities which store salt for winter storms utilize domes over storage areas. The Department requires training and certification for all employees engaged in the handling and application of pesticides, which is conducted by the Department of Agriculture. The Department has a contract with a certified hazardous materials contractor to pick up hazardous materials at Department facilities. The materials are picked up on a quarterly basis. The Department has employed the use of inlet filters at a number of maintenance facilities to trap fines and oils that might be discharged through the storm drain system. The Environmental Management System (EMS) was implemented at one yard as a pilot case and next year it will be implemented throughout all of district 8. The Department's pickup contractor performed maintenance on all known oil/water separators at Department facilities. Maintenance schedules will be developed as part of the EMS being developed. The Department has marked locations in our rest areas for dog walking and placed bins for recycled material. The Department has a contract to have our roadways swept on a routine basis. The Department routinely inspects all of the motor pool vehicles for fluid leaks and spills. The Department trains District personnel as first responders. Pollutants of concern have been identified as a result of the assessments and by the fifth year of the permit an overall plan should emerge from this effort. The Department is attempting to identify "pollution trends" as part of the plan. Highway maintenance staff is responsible for drain inlet cleaning and structural control maintenance to ensure they are working properly. Department staff also were trained in how to identify potential pollution problems at Department facilities.

II. Status of Goals

The Department is moving toward completing all compliance assessments of facilities. The goals of having covered salt storage and hazardous materials pickup have been met. The Department is working toward realization of an overall plan for the Good Housekeeping Program. The EMS is being developed and will continue to be refined in the next reporting period.

III. Appropriateness

The current control measures and the compliance assessments appear appropriate to assist the Department in reducing potential storm water pollution.

IV. Effectiveness

The compliance assessments have identified areas where implemented practices have been effective. The Department's hazardous material, salt application and storage and various training programs appear effective. BMP's instituted at the rest areas are utilized by the motoring public. The EMS appears effective and a web based system is being developed for use throughout the state within the next two years.

V. Proposed Modifications

Expansion of EMS

B. Results of Information Collected and Analyzed

The Department has completed more than 130 compliance assessments to date at our yards and laboratory facilities. The Department trained 144 personnel in pesticide training. The Department trained 1,232 personnel in Hazmat First Responder.

C. Next Reporting Cycle Activities and Implementation Schedule Modifications

Development of a web based EMS to track pollutants of concern in order to develop an overall plan and provide additional training. Once developed this web based system will be tested in district 8. Development of BMPs for our laboratory facilities.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		Yes	No	Completed this year	Ongoing Implementation
Environmental Compliance Assessments and training	Perform additional compliance assessments.		x	Yes	Yes
Road Salt Application and Storage	Cover salt storage areas.		x	Yes	Yes

BMP	Proposed Measurable Goal	Modified?		Schedule	
		Yes	No	Completed this year	Ongoing Implementation
Department Training for Pesticides	All employees who use and handle pesticides are trained.		x	Yes	Yes
Proper Hazardous Material Disposal	Conduct training seminars in each highway district.		x	Yes	Yes
Utilize Inlet Filters	Number of inlet filters employed annually at Department facilities.		x	Yes	Yes
Removal of Debris and Sediment from the Storm Water Conveyance System	Number of times annually materials are picked up from Department facilities.		x	Yes	Yes
Environmental Management System	Pilot Environmental Management System (EMS) development.	x		No	Yes
Rest Area Practices	Practices implemented or not implemented.		x	Yes	Yes
Street Sweepings	Practice implemented or not implemented.		x	Yes	Yes
Vehicle Inspection	Inspections completed or not completed.		x	Yes	Yes
First Responder Training	Number of individuals trained.		x	Yes	Yes