

October 21, 2005

Stephen S. Perkins, Director  
Office of Environmental Stewardship  
United States Environmental Protection Agency  
Region 1  
One Congress Street  
Boston, MA 02114

RECEIVED

OCT 21 2005

U.S. EPA, Region 1, Mail Room

**Subject: National Pollutant Discharge Elimination System (NPDES)  
General Permit for Storm Water Discharges from Small Municipal  
Separate Storm Sewer Systems (MS4s)  
Revised Notice of Intent (NOI)**

Dear Director Perkins:

The Department of Conservation and Recreation (DCR) is pleased to submit this revised, combined Notice of Intent (NOI) to discharge storm water to waters of the United States. This NOI provides a consolidated document to cover all facilities of the Division of Urban Parks and Recreation, the Division of State Parks and Recreation and the Division of Water Supply Protection that are subject to Environmental Protection Agency (EPA) and Department of Environmental Protection's (DEP) Phase II Storm Water Management Program.

251 Causeway Street  
Boston, Massachusetts 02114  
(617) 626-1250  
(617) 626-1351 FAX  
[www.mass.gov/dcr](http://www.mass.gov/dcr)

As requested by EPA, this revised filing includes on Table 1 the DCR facilities that are located both within an Urbanized Area and served by a Municipal Separate Storm Sewer System (MS4.) Table 2 identifies the DCR facilities located within an Urbanized Area but without drainage systems that would qualify as a MS4. These facilities are predominantly isolated buildings that DCR believes are specifically excluded under Part 1.B.1(c) of the general permit. DCR requests EPA to review these facilities for applicability under the EPA Phase 2 regulations. Table 3 lists those DCR facilities located wholly or partially within an Urbanized Area but not served by a MS4, and therefore, are not covered by this permit.

MITT ROMNEY  
Governor

KERRY HEALEY  
Lt. Governor

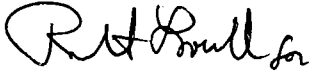
STEPHEN R. PRITCHARD  
Secretary, EOE

The DCR Storm Water Handbook has been prepared and released internally within the DCR for review. We anticipate that the handbook will be finalized, distributed and training initiated by December 2005 for all DCR employees who may conduct, design, engineer or supervise activities as they relate to implementation of the DCR storm water management plan.



I would like to thank you and your staff for the assistance to date and look forward to continued cooperation to reach the environmental milestones and goals set forth in this revised, combined NOI.

Sincerely,

A handwritten signature in cursive script, appearing to read "R. H. Burrington".

Stephen H. Burrington  
Commissioner

Cc: Robert W. Golledge, Jr., Commissioner, DEP  
Paul Hogan, DEP - CERO  
Stephen R. Pritchard, Secretary, EOEА



**BRP WM 08A NPDES Stormwater General Permit**  
**Notice of Intent for Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)**

Facility ID (if known)

**A. Instructions**

**Important:** When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Submission of this Notice of Intent constitutes notice that the entity named at item B1. of this form intends to be authorized by the DEP General Permit issued jointly with EPA for stormwater discharges from the small municipal separate storm sewer system (MS4), in the location identified at item B2. of this form. Submission of the Notice of Intent also constitutes notice that the party identified at item B1. has read, understands and meets the eligibility conditions of Part I.B. of the NPDES Small MS4 General Permit, agrees to comply with all applicable terms and conditions of the NPDES Small MS4 General Permit, and understands that continued authorization to discharge is contingent on maintaining eligibility for coverage. **In order to be granted coverage, all information required on BRP WM 08A, including the Stormwater Management Program Summary and Time Frames form, must be completed. Please read the permit and make sure you comply with all requirements, including the requirement to develop and implement a stormwater management program.**

**B. Applicant Information**

1. Small MS4 Operator/Owner Information:

Massachusetts Executive Office of Environmental Affairs - Department of Conservation and Recreation  
Name  
251 Causeway Street, Suite 600  
Mailing Address  
Boston MA  
City/Town State  
(508) 509-1757 Robert.Lowell@state.ma.us  
Telephone Number Email (if available)

2. Municipality Name

Department of Conservation and Recreation (DCR)  
City/Town

3. Legal Status:

- Federal       City/Town       State       Tribal       Private  
 Other public entity: \_\_\_\_\_  
Specify Public Entity

4. Other regulated MS4(s) within municipal boundaries:

5. Based on the instructions provided in Part I of the NPDES Small MS4 General Permit, have the eligibility criteria for "listed species" and critical habitat been met?

- yes       pending       no





**BRP WM 08A NPDES Stormwater General Permit**  
**Notice of Intent for Discharges from Small Municipal Separate**  
**Storm Sewer Systems (MS4s)**

**D. Stormwater Management Program Summary**

**1. Public Education:**

1-1

BMP ID #

DCR Storm Water Web Page  
Specify Best Management Practice

External Affairs/IT Dept.  
(Martha King)

Responsible Dept./Person Name

Develop web page and publish storm water related publications (inc. SWMP and NOI), information and links on web page.

Specify Measurable Goal

1-2

BMP ID #

Lower Charles River Middle School Educational Program  
Specify Best Management Practice

Operations (Curt Rudge)

Responsible Dept./Person Name

Implement program to educate the teachers and kids about storm water's effects on the Lower Charles River and how they can help. Offer program to each middle school once a year.

Specify Measurable Goal

1-3

BMP ID #

CB Stenciling/ Plaques  
Specify Best Management Practice

Planning and Engineering  
(Noel Baratta)

Responsible Dept./Person Name

Park facility staff to mark all catch basins each spring (or as necessary).

Specify Measurable Goal

1-4

BMP ID #

Publish Water Quality Reports and Post Beaches  
Specify Best Management Practice

Recreation (Gary Briere)

Responsible Dept./Person Name

Continue to publish water quality reports on web and post beaches.

Specify Measurable Goal

1-5

BMP ID #

Interactions with Boat Club Programs  
Specify Best Management Practice

General Counsel (Tom LaRosa)

Responsible Dept./Person Name

Add to boat club permits that they must post and monitor "No Wake" zones.

Specify Measurable Goal

1-6

BMP ID #

Speed Limit Signs  
Specify Best Management Practice

General Counsel (Tom LaRosa)

Responsible Dept./Person Name

DCR will post speed limits signs on all bridges along the Lower Charles River.

Specify Measurable Goal



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W 067040  
Transmittal Number  
  
Facility ID (if known)

1-7

BMP ID #

Muddy River Volunteer Clean  
Up Program

Specify Best Management Practice

Dir. of Operations/ Planning  
(Ron Cameron/ Patrice Kish)

Responsible Dept./Person Name

Continue to jointly sponsor  
spring and winter clean ups of  
the Muddy River with Boston  
Parks and Recreation Dept. and  
Town of Brookline.

Specify Measurable Goal

1-8

BMP ID #

Charles River Conservancy  
Volunteer Clean Up Program

Specify Best Management Practice

Operations (Pat Flynn)

Responsible Dept./Person Name

Continue to partner with  
Conservancy on Charles River  
Clean Up Program

Specify Measurable Goal

1-9

BMP ID #

Charles River Reservation  
School Program

Specify Best Management Practice

Operations (Curt Rudge)

Responsible Dept./Person Name

Provide 1 storm water/ water  
quality related educational  
program each year.

Specify Measurable Goal

1-10

BMP ID #

The Boston Harbor Islands  
Alliance

Specify Best Management Practice

Operations (Curt Rudge)

Responsible Dept./Person Name

Provide 1 storm water/ water  
quality related educational  
program each year.

Specify Measurable Goal

1-11

BMP ID #

Camp Nihan

Specify Best Management Practice

Operations (Curt Rudge)

Responsible Dept./Person Name

Provide 1 storm water/ water  
quality related educational  
program each year.

Specify Measurable Goal

1-12

BMP ID #

George's Island Boston Fort  
Warren Harbor School  
Programs

Specify Best Management Practice

Operations (Curt Rudge)

Responsible Dept./Person Name

Provide 1 storm water/ water  
quality related educational  
program each year.

Specify Measurable Goal

1-13

BMP ID #

Quabbin Educational  
Programs

Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)

Responsible Dept./Person Name

Provide 1 storm water/ water  
quality related educational  
program each year.

Specify Measurable Goal



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**Notice of Intent for Discharges from Small Municipal Separate**  
**Storm Sewer Systems (MS4s)**

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Facility ID (if known)

1-14

BMP ID #

Wachusett Educational  
 Programs  
 Specify Best Management Practice

Water Supply Protection  
 (Jonathan Yeo)  
 Responsible Dept./Person Name

Continue to provide multi-session watershed related education programs on an annual basis to two schools in the Wachusett Reservoir watershed.  
 Specify Measurable Goal

1-15

BMP ID #

Stillwater Farm  
 Specify Best Management Practice

Water Supply Protection  
 (Jonathan Yeo)  
 Responsible Dept./Person Name

Provide 1 storm water/ water quality related educational program each year.  
 Specify Measurable Goal

1-16

BMP ID #

Project WET  
 Specify Best Management Practice

Water Supply Protection  
 (Jonathan Yeo)  
 Responsible Dept./Person Name

Maintain sponsorship of state water education for teachers program.  
 Specify Measurable Goal

1-17

BMP ID #

"Downstream" Newsletter  
 Specify Best Management Practice

Water Supply Protection  
 (Jonathan Yeo)  
 Responsible Dept./Person Name

Continue to develop and disseminate newsletter regarding issues relevant to Wachusett Reservoir/ Ware River/ Quabbin Reservoir watersheds twice a year.  
 Specify Measurable Goal

1-18

BMP ID #

Adopt-a-Stream  
 Specify Best Management Practice

Office of Public/ Private Partnerships (Allison Geuder)  
 Responsible Dept./Person Name

Begin to participate in this program.  
 Specify Measurable Goal

1-19

BMP ID #

Massachusetts Drinking Water Education Partnership  
 (MADWEP)  
 Specify Best Management Practice

Recreation (Gary Briere)  
 Responsible Dept./Person Name

Maintain membership.  
 Specify Measurable Goal



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Facility ID (if known)

**2. Public Participation:**

2-1

BMP ID #

Formalize Partnerships with  
CLF and CRWA

Specify Best Management Practice

General Counsel (Tom  
LaRosa)

Responsible Dept./Person Name

Continue to work with CLF and  
CRWA and abide by Memo of  
Understanding (MOU)

Specify Measurable Goal

2-2

BMP ID #

UMass/ DCR Program to  
Monitor WQ in Target Areas of  
Wachusett Reservoir

Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)

Responsible Dept./Person Name

Continue program with UMass.

Specify Measurable Goal

2-3

BMP ID #

Public NPDES Meetings to  
Discuss Annual Report

Specify Best Management Practice

Planning & Engineering (Karst  
Hoogeboom)

Responsible Dept./Person Name

Hold one meeting at three  
locations each year for internal  
staff, interested parties and  
public. Track and record  
comments received.

Specify Measurable Goal

2-4

BMP ID #

Partnership and Friends  
Database

Specify Best Management Practice

External Affairs (Martha King)

Responsible Dept./Person Name

Send an annual letter regarding  
storm water/ NPDES issues to  
the watershed advocacy groups  
included in their Partnership and  
Friends database.

Specify Measurable Goal

2-5

BMP ID #

Storm Water Related  
Concerns/ Feedback Reported  
on DCR Web Site

Specify Best Management Practice

External Affairs (Martha King)

Responsible Dept./Person Name

Continue to maintain staffing to  
forward concerns/ feedback to  
appropriate department and  
track response to concerns  
submitted by the public via  
DCR's web site.

Specify Measurable Goal

2-6

BMP ID #

DCR Stewardship Council

Specify Best Management Practice

External Affairs (Martha King)

Responsible Dept./Person Name

Continue to participate.

Specify Measurable Goal





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Facility ID (if known)

2-7

BMP ID #

Massachusetts Water  
 Resource Commission  
 (MWRC)

Specify Best Management Practice

Water Supply Protection  
 (Jonathan Yeo)

Responsible Dept./Person Name

Continue to be involved in  
 program and provide technical  
 and staff support to MWRC.

Specify Measurable Goal

2-8

BMP ID #

Lakes and Ponds Program

Specify Best Management Practice

Water Supply Protection  
 (Jonathan Yeo)

Responsible Dept./Person Name

Continue to sponsor program.

Specify Measurable Goal

**3. Illicit Discharge Detection and Elimination:**

3-1

BMP ID #

Drainage Outfall Inventory

Specify Best Management Practice

Planning & Engineering (Karst  
 Hoogeboom)

Responsible Dept./Person Name

DCR has located all known  
 outfalls owned and operated by  
 DCR within urbanized areas.

Specify Measurable Goal

3-2

BMP ID #

Drainage Inventory  
 Specification

Specify Best Management Practice

Chief Engineer (Noel  
 Baratta/ENSR)

Responsible Dept./Person Name

DCR will develop and implement  
 a Drainage Inventory  
 Specification which will require  
 submission of drainage  
 infrastructure information from  
 construction and redevelopment  
 projects to add to the  
 infrastructure database.

Specify Measurable Goal

3-3

BMP ID #

Illicit Drainage Connection  
 Policy

Specify Best Management Practice

General Counsel (Tom  
 LaRosa )

Responsible Dept./Person Name

DCR is preparing a policy  
 prohibiting illicit discharges to the  
 DCR storm water system. The  
 Policy will be finalized and  
 issued during Fall 2006.  
 Enforcement will be through the  
 AG's office if necessary.

Specify Measurable Goal

3-4

BMP ID #

Drainage Infrastructure  
 Inventory

Specify Best Management Practice

Chief Engineer (Noel Baratta)

Responsible Dept./Person Name

Identify DCR's roadway,  
 parkway and boulevard drainage  
 infrastructure and add to GIS  
 Drainage Outfall Inventory/  
 database.

Specify Measurable Goal



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Facility ID (if known)

3-5  
 BMP ID #  
 Illicit Connection Sampling Program  
 Specify Best Management Practice

Planning & Engineering (Noel Baratta )  
 Responsible Dept./Person Name

Review 20% of mapped system each permit year during antecedent conditions to identify illicit connections.  
 Specify Measurable Goal

3-6  
 BMP ID #  
 Illicit Discharge Flyers  
 Specify Best Management Practice

External Affairs (Martha King)  
 Responsible Dept./Person Name

Discuss with MWRA sending flyers through water/ sewer mailing to inform public of hazards associated with illicit discharges and improper waste disposal.  
 Specify Measurable Goal

3-7  
 BMP ID #  
 Drainage Tie-In Policy  
 Specify Best Management Practice

General Counsel / Chief Engineer (Tom LaRosa / Noel Baratta)  
 Responsible Dept./Person Name

Develop a SOP regarding drainage tie-ins from private entities to DCR MS4s.  
 Specify Measurable Goal

3-8  
 BMP ID #  
 Develop Storm Water Control Agreements with Other MS4s  
 Specify Best Management Practice

General Counsel (Tom LaRosa )  
 Responsible Dept./Person Name

DCR will implement a program to work cooperatively with operators of interconnected MS4s in the instance where storm water discharges impact either system. DCR will develop control agreements with the discharging municipality.  
 Specify Measurable Goal

**4. Construction Site Runoff Control:**

4-1  
 BMP ID #  
 NPDES Storm Water Construction General Permit  
 Specify Best Management Practice

Director of Planning & Engineering(Karst Hoogeboom)  
 Responsible Dept./Person Name

Summarize number of construction sites which filed for coverage under the CGP each year. All projects which exceed one acre threshold will submit for coverage.  
 Specify Measurable Goal



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Watershed Management

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**Notice of Intent for Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)**

W 067040  
Transmittal Number

Facility ID (if known)

4-2

BMP ID #

E&S/ NPDES Contract Bid Item and Special Provisions  
Specify Best Management Practice

Director of Planning & Engineering (Karst Hoogeboom)

Responsible Dept./Person Name

Prepare contract bid item and special provisions. Include in all new contracts which disturb more than one acre. Bid item will include erosion control specifications.

Specify Measurable Goal

4-3

BMP ID #

Construction SWPPP Template  
Specify Best Management Practice

Director of Planning & Engineering (Karst Hoogeboom)

Responsible Dept./Person Name

DCR will develop a SWPPP Template for use by Contractors on DCR projects. Template will be placed on DCR website for download by contractors.

Specify Measurable Goal

4-4

BMP ID #

Construction Site Monitoring  
Specify Best Management Practice

Director of Planning & Engineering (Karst Hoogeboom)

Responsible Dept./Person Name

Continue to staff each construction project with either a Resident Engineer or Inspector. Responsibilities include completion of weekly NPDES CGP inspections when required.

Specify Measurable Goal

4-5

BMP ID #

On-going Construction Projects Web Page  
Specify Best Management Practice

External Affairs/ IT Dept. (Martha King)

Responsible Dept./Person Name

DCR will maintain the construction related web page that includes information regarding on-going DCR construction projects.

Specify Measurable Goal

4-6

BMP ID #

Annual Erosion Prevention/ Sediment Control Training  
Specify Best Management Practice

Dir. Planning & Engineering (Karst Hoogeboom)

Responsible Dept./Person Name

Provide annual training to DCR construction management staff. Report number of attendees, topics covered and dates of training in annual report.

Specify Measurable Goal

4-7

BMP ID #

Add VMP Requirements to Restoration Specs  
Specify Best Management Practice

Dir. of Planning (Patrice Kish)

Responsible Dept./Person Name

DCR will add VMP requirements to vegetation restoration specifications.

Specify Measurable Goal



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Facility ID (if known)

4-8

BMP ID #

Technical Assistance to  
 ConComs  
 Specify Best Management Practice

Water Supply Protection  
 (Jonathan Yeo)  
 Responsible Dept./Person Name

DCR provides technical assistance to Conservation Commissions in DCR DWSP watershed communities. DCR provides written comments on storm water concerns which may impact their reservoirs.  
 Specify Measurable Goal

**5. Post Construction Runoff Control:**

5-1

BMP ID #

Compliance with MA DEP Stormwater Management Policy  
 Specify Best Management Practice

Dir. Planning & Engineering  
 (Karst Hooeboom)  
 Responsible Dept./Person Name

Apply Stormwater Management Policy Guidelines to all development/ redevelopment projects.  
 Specify Measurable Goal

5-2

BMP ID #

DCR Storm Water Handbook  
 Specify Best Management Practice

Dir. Planning & Engineering  
 (Karst Hooeboom)  
 Responsible Dept./Person Name

Develop Handbook and issue department-wide and to Contractors. New projects will be designed in accordance with the Handbook.  
 Specify Measurable Goal

5-3

BMP ID #

Storm Water Handbook Training  
 Specify Best Management Practice

Director of Human Resources  
 (Johanna Zabriskie)  
 Responsible Dept./Person Name

Provide 2 seminars within 6 months of issuing handbook to train internal personnel and consultants. Provide annual seminars thereafter. Record # of attendees and dates of training.  
 Specify Measurable Goal

5-4

BMP ID #

BMP Long-Term Operation and Maintenance  
 Specify Best Management Practice

Operations / Planning and Engineering (Ron Cameron / Karst Hooeboom)  
 Responsible Dept./Person Name

DCR has committed 1.9 million dollars annually to provide long-term maintenance of BMPs on the schedule indicated in the Maintenance Activity Schedule in Section 6.  
 Specify Measurable Goal



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Facility ID (if known)

<p>5-5          BMP ID #  <u>Silver Lake Demonstration Projects</u>          Specify Best Management Practice</p>	<p>Director of Planning (Patrice Kish)          Responsible Dept./Person Name</p>	<p>Water quality improvement projects implemented by partnership with EPA and Town of Wilmington.          Specify Measurable Goal</p>
<p>5-6          BMP ID #  <u>Wilmington Rain Water Harvesting</u>          Specify Best Management Practice</p>	<p>Div. of Water Supply Protection (Jonathan Yeo)          Responsible Dept./Person Name</p>	<p>Complete distribution of rain water systems.          Specify Measurable Goal</p>
<p>5-7          BMP ID #  <u>Walden Pond Storm Water Improvements</u>          Specify Best Management Practice</p>	<p>Director of Planning (Patrice Kish)          Responsible Dept./Person Name</p>	<p>Complete design of storm water improvements and install.          Specify Measurable Goal</p>

**6. Municipal Good Housekeeping:**

<p>6-1          BMP ID #  <u>Vehicle Washing Policy</u>          Specify Best Management Practice</p>	<p>Director of Operations (Ron Cameron)          Responsible Dept./Person Name</p>	<p>Maintain practice of washing vehicles at off-site locations. Formalize into state-wide written policy and implement.          Specify Measurable Goal</p>
<p>6-2          BMP ID #  <u>Floor Drain Policy</u>          Specify Best Management Practice</p>	<p>Director of Planning &amp; Engineering (Karst Hoozeboom)          Responsible Dept./Person Name</p>	<p>Maintain plan for floor drain use and servicing.          Specify Measurable Goal</p>
<p>6-3          BMP ID #  <u>CB Cleaning Policy</u>          Specify Best Management Practice</p>	<p>Chief Engineer / Dir. of Operations (Noel Baratta/ Ron Cameron)          Responsible Dept./Person Name</p>	<p>DCR will develop a written plan for regular catch basin cleaning to be implemented in DCR's fiscal year 2006 and thereafter.          Specify Measurable Goal</p>
<p>6-4          BMP ID #  <u>CB Inspection/ Repair Policy</u>          Specify Best Management Practice</p>	<p>Chief Engineer / Director of Operations (Noel Baratta/ Ron Cameron)          Responsible Dept./Person Name</p>	<p>DCR will develop an agency wide policy for implementing a schedule for inspecting catch basins and prioritizing repairs of catch basins and implement.          Specify Measurable Goal</p>



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Facility ID (if known)

6-5

BMP ID #

Street Sweeping Policy  
Specify Best Management Practice

Dir. of Operations (Ron  
Cameron)  
Responsible Dept./Person Name

Create and implement agency-  
wide policy.  
Specify Measurable Goal

6-6

BMP ID #

IPM Policy  
Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)  
Responsible Dept./Person Name

Create and implement agency-  
wide policy.  
Specify Measurable Goal

6-7

BMP ID #

VMP Training  
Specify Best Management Practice

Director of Planning (Patrice  
Kish)  
Responsible Dept./Person Name

Provide training on DCR  
Vegetation Management Plan  
(VMP) to internal maintenance  
staff once every two years.  
Specify Measurable Goal

6-8

BMP ID #

Chemical Applications Review  
Meetings  
Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)  
Responsible Dept./Person Name

Continue to meet with railroad  
and utility companies that have  
property, easements or access  
privileges within DWSP's  
watershed lands to discuss  
technical applications along the  
ROWs.  
Specify Measurable Goal

6-9

BMP ID #

EMS Team  
Specify Best Management Practice

Director of Planning &  
Engineering (Karst  
Hoogeboom )  
Responsible Dept./Person Name

Continue to provide first  
response for emergency  
management situations such as  
spills and/ or coordinate with  
Mass. State Police, as  
appropriate.  
Specify Measurable Goal

6-10

BMP ID #

Waste Disposal  
Specify Best Management Practice

Planning & Engineering /  
Operations (Karst  
Hoogeboom/ Ron Cameron)  
Responsible Dept./Person Name

DCR will continue to properly  
dispose of waste.  
Specify Measurable Goal

6-11

BMP ID #

Beneficial Use Determination  
Specify Best Management Practice

Planning & Engineering (Karst  
Hoogeboom)  
Responsible Dept./Person Name

DCR will work to determine a  
beneficial use for catch basin  
residuals.  
Specify Measurable Goal



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6-12

BMP ID #

Maintain Spill Prevention  
Control and Countermeasure  
(SPCC) Plans

Specify Best Management Practice

Planning & Engineering (Karst  
Hoogeboom)

Responsible Dept./Person Name

DCR has completed plans for  
the required sites. DCR will  
continue to maintain compliance  
with the requirements in these  
plans.

Specify Measurable Goal

6-13

BMP ID #

Roadway and Drainage  
Infrastructure Assessment

Specify Best Management Practice

Chief Engineer (Noel Baratta /  
ENSR)

Responsible Dept./Person Name

Perform annual state-wide  
assessment of DCR roadway  
and infrastructure conditions.  
Create assessment report  
summarizing the drainage  
infrastructure and roadway in  
need of repair and/ or  
maintenance.

Specify Measurable Goal

6-14

BMP ID #

CB Repair/ Discharge Pipe  
Cleaning Needs Assessment

Specify Best Management Practice

Planning & Engineering/  
Operations (Noel Baratta / Ron  
Cameron)

Responsible Dept./Person Name

Perform an annual state wide  
assessment of the condition and  
cleaning requirements of visible  
proximate DCR lateral piping  
and catch basin repair needs.  
Pilot project in 2005. Agency  
wide program in 2006. Annual  
reports will summarize piping  
requiring cleaning and catch  
basin to be repaired and report  
on progress.

Specify Measurable Goal

6-15

BMP ID #

Wet Weather Review and  
Repairs

Specify Best Management Practice

Dir. of Operations / Chief  
Engineer (Ron Cameron/ Noel  
Baratta)

Responsible Dept./Person Name

DCR will annually review roads  
and parking lots within urbanized  
areas during wet weather  
conditions to identify areas of  
ponding or flooding each year.  
DCR will develop a priority list,  
budget and schedule for  
necessary repairs identified.

Specify Measurable Goal



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Facility ID (if known)

6-16

BMP ID #

Develop/ implement short term measures for Fenway, Riverway, Jamaica Way and Blue Hill Parkway to address concerns raised by CLF and CRWA

Specify Best Management Practice

Dir. of Operations (Ron Cameron)

Responsible Dept./Person Name

Implement measures. Continue to note progress to CLF, CRWA and EPA in periodic reports until fully addressed.

Specify Measurable Goal

6-17

BMP ID #

Maintenance Tracking System

Specify Best Management Practice

Planning & Engineering/ Operations (Karst

Hoogeboom/ Ron Cameron)

Responsible Dept./Person Name

Develop a maintenance tracking system (FAMIS). Add storm water infrastructure information inventoried in BMP 3-4. Include inspection/ maintenance schedule and create reports of BMPs that are "scheduled" for cleaning.

Specify Measurable Goal

6-18

BMP ID #

Maintenance Activity Schedule

Specify Best Management Practice

Dir. of Operations ( Ron Cameron)

Responsible Dept./Person Name

Maintain infrastructure and roadways in compliance with maintenance activity schedule.

Specify Measurable Goal

**7. BMPs for Additional Requirements of General Permit:**

7-1

BMP ID #

Wetland Protection Act Compliance

Specify Best Management Practice

Dir. of Operations / Dir. of Planning & Engineering (Ron Cameron / Karst Hoogeboom)

Responsible Dept./Person Name

Continue compliance with WPA.

Specify Measurable Goal

7-2

BMP ID #

401 Water Quality Certification

Specify Best Management Practice

Dir. of Operations / Dir. of Planning & Engineering (Ron Cameron / Karst Hoogeboom)

Responsible Dept./Person Name

Continue compliance with 401 WQ Certification.

Specify Measurable Goal





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Facility ID (if known)

7-3

BMP ID #

Review Drainage Outfall  
Inventory with State and  
Federal Listed Species Habitat  
Specify Best Management Practice

Planning & Engineering (Karst  
Hoogeboom)  
Responsible Dept./Person Name

Create summary report of drainage outfalls located within critical habitat areas during Spring 2006. Review outfalls with MA Natural Heritage during Summer 2006. Develop method and schedule for remedying the adverse impacts, if identified, during Fall 2006.  
Specify Measurable Goal

7-4

BMP ID #

Cultural Resources Review  
Specify Best Management Practice

Chief Planner (Patrice Kish)  
Responsible Dept./Person Name

Continue to review potential impact to historic properties during conceptual design stage.  
Specify Measurable Goal

7-5

BMP ID #

Review Drainage Inventory for  
Potential Impacts to Historic  
Properties  
Specify Best Management Practice

Chief Planner (Patrice Kish)  
Responsible Dept./Person Name

Create summary report of drainage outfalls which may have an adverse impact on historic properties by Spring 2006. Review outfalls with MA Historic Commission during Summer 2006. Develop method and schedule for remedying the impact during Fall of 2006.  
Specify Measurable Goal

7-6

BMP ID #

Review Drainage Inventory for  
Outfalls which Drain to  
Impaired Waterbodies  
Specify Best Management Practice

Planning & Engineering (Karst  
Hoogeboom)  
Responsible Dept./Person Name

Review outfalls to receiving waterbodies table for impaired waterbodies with significant number of DCR outfalls. Work with EPA, DEP and watershed advocacy groups in these watersheds in developing TMDLs.



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Facility ID (if known)

7-7

BMP ID #

**Chicopee Basin, French Basin, Mill River Basin, Northern Blackstone and Connecticut Basin TMDLs –**

During timber harvesting practices, DCR shall check that an approved forest cutting plan and BMPs for erosion are followed.

Specify Best Management Practice

Water Supply Protection /  
Chief Forester (Jonathan Yeo /  
Jim Dimaio)

Responsible Dept./Person Name

Provide summary table of timber harvesting activities, date forest cutting plan was approved and proposed BMPs in each annual report.

Specify Measurable Goal

7-8

BMP ID #

**Connecticut Basin TMDL –**  
Provide training to local ConCom on harvesting BMPs.

Specify Best Management Practice

Chief Forester (Jim Dimaio)

Responsible Dept./Person Name

Present short seminar for each Conservation Commission.

Specify Measurable Goal

7-9

BMP ID #

**Permit Year TMDL Summary**

Specify Best Management Practice

Planning & Engineering (Karst Hoogeboom)

Responsible Dept./Person Name

Include summary of TMDL reports approved by EPA during the previous permit year which include recommendations for actions by DCR in annual report.

Specify Measurable Goal

7-10

BMP ID #

**Priority Resource Area Review Program**

Specify Best Management Practice

Planning & Engineering (Karst Hoogeboom)

Responsible Dept./Person Name

Implement a program to review the outfalls identified in the outfall inventory which discharge to one or more of the resources outlined in Part V and IX of the permit.

Specify Measurable Goal



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**E. Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name

*Charles A. Brudigan*

Signature

*10/20/05*

Date







**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Watershed Management

**BRP WM 08A NPDES Stormwater General Permit Notice of Intent**  
 for Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)

**F. Example Storm Water Management Program TIME FRAMES**

BMP ID #	PERMIT YEAR THREE			PERMIT YEAR FOUR			PERMIT YEAR FIVE				Facility Type Served					Next Permit	State Forest		
	Spring 05	Summer 05	Fall 05	Winter 05-06	Spring 06	Summer 06	Fall 06	Winter 06-07	Spring 07	Summer 07	Fall 07	Winter 07-08	Parkway	Park	Beach			Reservoir	Maintenance Facility
6-3: CB Cleaning Policy				X												X			X
6-4: CB Inspection/ Repair Policy				X												X			X
6-5: Street Sweeping Policy				X												X			X
6-6: IPM Policy				X												X			X
6-7: VMP Training																			
6-8: Chemical Applications Review				X				X											
Mtgs																			
6-9: EMS Team																			
6-10: Waste Disposal																			
6-11: Beneficial Use Determination																			
6-12: SPCC Plans																			
6-13: Roadway and Drainage Infrastructure Assessment																			
6-14: CB Repair/ Discharge Pipe Cleaning Needs Assessment																			
6-15: Wet Weather Inspection and Repairs																			
6-16: Implement Parkways Short Term Measures																			
6-17: Maintenance Tracking System																			
6-18: Maintenance Activity Schedule																			
<b>BMPs for Meeting TMDLs</b>																			
7-1: Wetland Protection Act Compliance																			
7-2: 401 Water Quality Certification																			
7-3: Review Drainage Outfall Inventory with State and Federal Listed Species Habitat																			
7-4: Cultural Resources Review																			
7-5: Review Drainage Inventory for Potential Impacts to Historic Properties																			
7-6: Review Drainage Inventory for Outfalls which Drain to Impaired Waterbodies																			
7-7: Timber Harvesting Procedures																			
7-8: Train Local ConComs on Timber Harvesting Procedures																			
7-9: Permit Year TMDL Summary																			
7-10: Priority Resource Area Review Program																			