

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

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

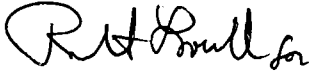
STEPHEN R. PRITCHARD
Secretary, EOE

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 black ink, 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, EOE A



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)**

W 067040
Transmittal Number

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



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B. Applicant Information (cont.)

6. Based on the instructions provided in Part I of the NPDES Small MS4 General Permit, have the eligibility criteria for protection of historic properties been met?

☐ yes ☒ pending ☐ no

Note:
Section C may
be duplicated to
accommodate a
larger list of
receiving waters

C. Names of (Presently Known) Receiving Waters

Receiving Water:	No. of Outfalls	Listed as Impaired?	Impairment
See Table A at end of document	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
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Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify
Name	Number	☐ Yes ☐ No	Specify



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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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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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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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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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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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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



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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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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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5-5

BMP ID #

Silver Lake Demonstration
Projects

Specify Best Management Practice

Director of Planning (Patrice
Kish)

Responsible Dept./Person Name

Water quality improvement
projects implemented by
partnership with EPA and Town
of Wilmington.

Specify Measurable Goal

5-6

BMP ID #

Wilmington Rain Water
Harvesting

Specify Best Management Practice

Div. of Water Supply
Protection (Jonathan Yeo)

Responsible Dept./Person Name

Complete distribution of rain
water systems.

Specify Measurable Goal

5-7

BMP ID #

Walden Pond Storm Water
Improvements

Specify Best Management Practice

Director of Planning (Patrice
Kish)

Responsible Dept./Person Name

Complete design of storm water
improvements and install.

Specify Measurable Goal

6. Municipal Good Housekeeping:

6-1

BMP ID #

Vehicle Washing Policy

Specify Best Management Practice

Director of Operations (Ron
Cameron)

Responsible Dept./Person Name

Maintain practice of washing
vehicles at off-site locations.
Formalize into state-wide written
policy and implement.

Specify Measurable Goal

6-2

BMP ID #

Floor Drain Policy

Specify Best Management Practice

Director of Planning &
Engineering (Karst
Hoogeboom)

Responsible Dept./Person Name

Maintain plan for floor drain use
and servicing.

Specify Measurable Goal

6-3

BMP ID #

CB Cleaning Policy

Specify Best Management Practice

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

Responsible Dept./Person Name

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

6-4

BMP ID #

CB Inspection/ Repair Policy

Specify Best Management Practice

Chief Engineer / Director of
Operations (Noel Baratta/ Ron
Cameron)

Responsible Dept./Person Name

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



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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
Hooeboom)

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
Hooeboom/ 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
Hooeboom)

Responsible Dept./Person Name

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

Specify Measurable Goal



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BRP WM 08A NPDES Stormwater General Permit

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

Facility ID (if known)

6-12

BMP ID #

Maintain Spill Prevention
Control and Countermeasure
(SPCC) Plans

Specify Best Management Practice

Planning & Engineering (Karst
Hooeboom)

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. Brudger

Signature

10/20/05

Date



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F. Example Storm Water Management Program TIME FRAMES

BMP ID #	PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE				Next Permit	Facility Type Served					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		
Public Education																				
1-1: Stormwater Webpage														X	X	X	X	X	X	X
1-2: Lower Charles River Town's Middle School Educational Program														X	X	X				
1-3: CB Stenciling/ Plaques															X					
1-4: Publish WQ Reports and Post Beaches																X				
1-5: Boat Club Programs														X	X					
1-6: Boat Traffic Speed Limit Signs														X	X					
1-7: Muddy River Clean Up Program														X						
1-8: Charles River Conservancy Clean Up Program														X	X					
1-9: Charles River Reservation School Program														X	X					
1-10: Boston Harbor Islands Alliance															X					
1-11: Camp Niham															X					
1-12: Boston Fort Warren Harbor School Programs														X	X		X			
1-13: Quabbin Educational Programs															X		X			X
1-14: Wachusett Educational Programs														X	X		X			X
1-15: Stillwater Farm															X		X			
1-16: Project WET														X	X	X	X			X
1-17: "Downstream" Newsletter														X	X		X			
1-18: Adopt-a-Stream														X	X	X	X			X
1-19: MADWEP														X		X		X		X
Public Participation																				
2-1: Abide by MOU with CLF and CRWA														X	X					
2-2: UMass/ DCR WQ Monitoring																	X			
2-3: Annual Public NPDES Meetings															X	X	X			X
2-4: Partnership & Friends Database Annual Letter														X	X	X	X			X
2-5: Public Concerns/ Feedback on DCR Website														X	X	X	X			X
2-6: DCR Stewardship Council														X	X	X	X			X
2-7: MWRC														X	X		X			X
2-8: Lakes and Ponds Program														X	X		X			X



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F. Example Storm Water Management Program TIME FRAMES

BMP ID #	PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE				Next Permit	Facility Type Served					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	
Illicit Discharge Detection and Elimination																			
3-1: Drainage Outfall Inventory														X	X	X	X	X	X
3-2: Drainage Inventory Specification														X	X	X	X	X	X
3-3: Illicit Drainage Connection Policy														X	X	X	X	X	X
3-4: Drainage Infrastructure Inventory														X	X	X	X	X	X
3-5: Illicit Connection Sampling Program													X	X	X	X	X	X	X
3-6: Illicit Discharge Flyers				X										X	X	X	X	X	X
3-7: Drainage Tie-In Policy														X	X	X	X	X	X
3-8: SW Control Agreements					X									X	X	X	X	X	X
Construction Site Runoff Control																			
4-1: NPDES Construction General Permit														X	X	X	X	X	X
4-2: E&S/ NPDES Contract Bid Item and Special Provisions														X	X	X	X	X	X
4-3: Construction SWPPP Template														X	X	X	X	X	X
4-4: Construction Site Monitoring														X	X	X	X	X	X
4-5: Construction Projects Web Site														X	X	X	X	X	X
4-6: Annual E&S Training				X				X						X	X	X	X	X	X
4-7: Add VMP Requirements to Restoration Spec														X	X	X	X	X	X
4-8: Technical Assistance to ConComs																X			
Post Construction Runoff Control																			
5-1: SW Management Policy														X	X	X	X	X	X
5-2: Storm Water Handbook														X	X	X	X	X	X
5-3: Handbook Training								X						X	X	X	X	X	X
5-4: BMP Long-term O&M														X	X	X	X	X	X
5-5: Silver Lake Demonstration Projects															X				
5-6: Wilmington Rain Water Harvesting															X				
5-7: Walden Pond Stormwater Improvements															X				
Municipal Good Housekeeping																			
6-1: Vehicle Washing Policy																		X	X
6-2: Floor Drain Policy																		X	X



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F. Example Storm Water Management Program TIME FRAMES

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