Municipality/Organization: Town of West Boylston

EPA NPDES Permit Number:

MaDEP Transmittal Number: W-

Annual Report Number
& Reporting Period: APRIL 2005 – APRIL 2006

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: John K. Westerling | Title: Director of Public Works

Telephone #: 508-835-4820 | Email: jwesterling@westboylston.com

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, 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.

Signature: John K Westerling

Printed Name: JOHN K. WESTERLING

Title: DIRECTOR OF PUBLIC WORKS

Date: 4/28/06

Part II. Self-Assessment

The town of West Boylston's appropriated funds at in 2005 for the engineering required to map its stormwater infrastructure. Much of the infrastructure has already been mapped; however, Weston & Sampson Engineers of Peabody, MA will be performing the remaining required survey this year.

West Boylston is committed to full compliance with its NOI as witnessed by its approval of $28,000 to fund the required engineering services to fully map its stormwater infrastructure.

Listed below are all of the activities that were required in the third year of the permit and the activities that have taken place. Activities that are not required at this time have not been listed. Details of those activities can be found in the Permit.

I thank the Town Administrator, the Board of Health, the DPW, the School Department, the DCR's Water Quality Department, and the rest of the Municipal Team and other individuals that have contributed to this program.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
1a	Air stormwater message on local cable channel	DPW	Air one new message for two weeks quarterly	Message is aired on local cable channel.	➢ Continue to air messages. ➢ The DPW will air "AFTER THE STORM" video on the local cable channel.
1b	Add stormwater information to website	DPW	Complete update by the end of the second permit year	Links to DEP and EPA websites have been posted on the town's Board of Health website.	Continue to post links.
1d	Inform residents of town recycling programs	DPW	Distribute program schedule to all town residents	➢ The enclosed WEST BOYLSTON RECYCLING INFO was mailed to all town residents. ➢ The DPW's website contains information of recycling. ➢ Three teachers from the West Boylston schools attended a WET (Water Education for Teachers) workshop. ➢ A classroom presentation was conducted for 11th and 12th graders using the DCR's Enviroscape Model.	Continue to mail the enclosed WEST BOYLSTON RECYCLING ONFO to all town residents.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
2a	Collect household hazardous waste from residents	DPW, Board of Health	Join in Holden's hazardous waste collection day twice per year	➢ Two hazardous waste collection days were held in May 2005 and October 2005 as outlined on the attached 2006 flyer. ➢ West Boylston participates in the Wachusett Recycled Resource Center as outlined in the attached flyer.	Hazardous waste collection days will be held in May 2006 and October 2006 (see the enclosed flyer).
2b	Implement annual, volunteer waterways clean-up day	DPW		An Earth Day Cleanup Event was conducted by the DCR on April 29, 2006 as outlined in the attached flyer.	Plans will be implemented with the cooperation of the local Conservation Commission, DCR, and Greenways Task Force.
2c	Develop storm drain stenciling program	DPW		The storm drain stenciling program has been developed. Storm drain stenciling will begin once the winter's sand has been swept from the streets (June 2006). An Environmental Science teacher from the West Boylston schools will lead the project.	Any faded stencils will be repainted by the DPW.
2d	Make SWMP available for public review/comment	DPW	Post SWMP on town website, in library, and in DPW	The SWMP is available for public review.	The SWMP will continue to be available for public review.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
3a	Map outfalls, receiving waters, and storm drain system	DPW	Complete mapping by end of fifth permit year.	➢ Much of the mapping has been completed by Weston & Sampson Engineers as part of the sewer construction design. Additional activities have been scheduled funded. Final mapping is expected to be completed in the fall of 2006. ➢ The DCR has mapped stormwater conveyance structures based on available plans. ➢ The DPW and the Planning Board's inspection engineer, VHB, monitored all subdivision construction and required developers to properly maintain erosion control measures and to take all necessary corrective actions during construction.	Continue mapping efforts to complete all mapping requirements.
3c	Review existing bylaws and regulations	DPW	Determine whether existing bylaws/regs are adequate	Subdivision Control Regulations were reviewed with the Planning Board and revisions were made to include NPDES compliance for all developments.	Continue to consider revisions.
3d	Develop/modify general illicit discharge bylaw	DPW	If necessary, propose recommendation for bylaw updates	The DPW has reviewed the Attorney General's model IDDEP and is considering adopting it.	

4. Construction Site Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
4a	Review existing bylaws and regulations	Planning/Zoning/ Building/Sewer	Determine whether existing bylaws/regs are adequate	Subdivision Control Regulations were reviewed with the Planning Board and revisions were made to include NPDES compliance for all developments.	Continue to consider revisions.
Revised					
4b	Develop/modify bylaws for construction site runoff	Planning/Zoning/ Building/Sewer	If necessary, propose recommendations for bylaw updates	Subdivision Control Regulations were reviewed with the Planning Board and revisions were made to include NPDES compliance for all developments.	Continue to consider revisions.
Revised					

5. Stormwater Management Program Summary

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
5a	Review existing bylaws and regulations	Planning/Zoning/ Building/Sewer	Determine whether existing bylaws/regs are adequate	Subdivision Control Regulations were reviewed with the Planning Board and revisions were made to include NPDES compliance for all developments.	Continue to consider revisions.
Revised					
5b	Develop/modify bylaws for construction site runoff	Planning/Zoning/ Building/Sewer	If necessary, propose recommendations for bylaw updates	Subdivision Control Regulations were reviewed with the Planning Board and revisions were made to include NPDES compliance for all developments.	Continue to consider revisions.
Revised					

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
6a	Sweep Streets	DPW	Sweep all streets	The DPW sweeps all of its 50 miles of public roads annually in the spring. The State also sweeps its roads in town.	Continue to sweep all public roads annually.
Revised					
6b	Clean catch basins	DPW	Clean all catch basins	The DPW cleans all of its catch basins annually after the streets have been swept.	Continue to clean all catch basins annually.
Revised					

Volunteers Needed

Please contact your town representative to volunteer or for more information.

Boylston - Gary Tuthill - 508-869-0139

Holden - Colleen Abrams - 508-829-3954

Paxton - Bob Herron - 508-757-3153

Princeton - Jonathan Fitch - 978-464-2815
or Helen Townsend - 978-464-5470

Rutland - Michael Kacprzicki - 508-886-4810
or Diane Spindler - 508-886-7839

Sterling - Chuck Ripa - 978-422-6767

W. Boylston - Jack Chandler 508-835-3821

Please complete this form, tear out and bring it with payment.

Payment for paints, chemicals and other hazardous products will be made separately.

	# of Items	*Total Cost*
Refrigerator, air conditioner, dehumidifier $15 EACH	____	____
TV $10 EACH	____	____
Large Appliance $8 EACH	____	____
Small Appliance $2 EACH	____	____
Junk Furniture $5 EACH	____	____
Home project debris $20 car trunk, $30 cubic yard	____	____
Scrap Steel $5 carload, $10 pick-up load	____	____
Propane tanks small $3 EACH. 30-100 lb tanks $20 EACH	____	____
Car Tires $2 EACH	____	____
Small Truck Tires $8 EACH	____	____
Fluorescent bulbs 50¢/4 ft., $1/8 ft. EACH	____	____
Total	____	____

Town you're from: _____

Thank you to these donors:

CENTRAL MASS CMD DISPOSAL

Wheelabrator Millbury Inc.

E L Harvey and Sons

Event Central - Tents, Tables & Chairs

Sponsored by:

Wachusett Earthday

And Your Town:
Boylston • Holden
Paxton • Princeton
Rutland • Sterling
West Boylston

Wachusett Recycled Resource Center

Open and Free

52 Boyden Rd, Holden
(From Main St., turn at Friendly's (Boyden Rd), Turn right in Front of Wachusett Extended Care Building)

OPEN	Monday	7:00 to 8:30 p.m.
	Tuesday	9:00 to 11:00 a.m.
	Thursday	3:00 to 5:00 p.m.

Items are free and available to all. You may schedule to meet at the center with groups. We accept donations of materials for crafts and projects. **Volunteers wanted.**

Compost Bins – $30.00 each

WISH LIST INCLUDES: Eyeglasses, beads, buttons, felt, fabric, feathers, ribbon, magnets, acrylic yarn, burlap, baskets, carpet squares, knitting needles, shells and natural treasures. Please clean articles.

Please call Hazel Lund at 508-829-3671 or Pat Charbonneau 508-856-0180.

Printed on recycled paper with soy ink

Wachusett Earthday Collection

Saturday
May 13, 2006
8:00 a.m. – 1:00 p.m.

Household Hazardous Products, Recycling, Donate & Swap

NEW LOCATION

Wachusett Regional High School
1401 Main Street, Holden

For Residents of:

Boylston • Holden • Paxton
Princeton • Rutland • Sterling
West Boylston

What can you find?

aluminum trays
baby food jars
bags
ball fringe
beads
berry baskets
binders
bottle caps
boxes
burlap
buttons
cardboard
cardboard tubes
CDs
coat hangers
coffee cans
containers
craft books
egg cartons
fabrics
feathers
felt
film cannisters
floor tiles
flower pots
greeting cards
labels
lids from frozen juice containers
magazines
magnets
papers
pine cones
pins and needles
plastic discs
plastic trays
posterboard
pringle cans
rubber
stickers
string
styrofoam pieces
tennis balls
test tubes
wallpaper
wicker baskets
wood
yarns...zippers and...**items to borrow including nature and craft books. National Geographic magazines from 1920 to use at the center. Donations of these items or something new welcomed.**

Wachusett Recycled Resource Center

Wachusett Earthday

Open and Free to All
Monday 7 to 8:30 P. M.
Tuesday 9 to ll A. M.
Thursday 3 to 5 P. M.

52 Boyden Road, Holden
off Main Street from Friendly's
through front parking of
Wachusett Extended Care

EARTH DAY CLEANUP EVENT

Saturday, April 22nd 9 A.M. - 12 P.M.
Wachusett Reservoir

The Department of Conservation [illegible] join them in cleaning up the [illegible] Earth Day. [illegible] gloves will be provided, [illegible] at the D.C.R. Division of [illegible] Street [illegible] please dress [illegible] April 29th.

[illegible]

D.C.R. WACHUSETT RESERVOIR

Wachusett Reservoir School Programs

The Department of Conservation and Recreation (DCR) at Wachusett Reservoir offers a series of educational programs for schools in the watershed area and in communities that receive drinking water from Wachusett Reservoir. The programs are designed to increase awareness about the reservoir and the watershed.

In-school Programs

Water Cycle & Watershed – After discussing the water cycle and watersheds and their importance in supplying the water we need, students will construct a model watershed to gain a better understanding of the natural dynamics and potential for water pollution. **(Grades 3 – 8)**

Wachusett History – A slide show of past and current images introduces students to the history of the Nashua, Stillwater and Quinapoxet Valleys and the construction of Wachusett Reservoir. A guided imagery activity will further increase students' understanding of the area. **(Grades 2 – 8)**

Bald Eagle Restoration – Nesting Bald Eagles were successfully reintroduced to Massachusetts through a "hacking" program at Quabbin Reservoir. A slide show explains the life history of the Bald Eagle and the effort to bring this endangered species back to our state. **(Grades 2 – 12)**

Programs at Wachusett Reservoir

Walk on the Watershed – Students will hike in the Wachusett Watershed and learn about the flow of water and the actions we take to maintain the watershed. There may also be an opportunity to chemically sample the quality of the water. This is an excellent extension of the Water Cycle & Watershed in-school program. **(Grades 3 – 8)**

Wachusett History Hike – Exploring an area where stone walls, old roads and other signs of human settlement mark a once thriving valley community is the highlight of this program. The social impact of the reservoir construction will be discussed in the field. **(Grades 2 – 8)**

Wildlife of the Watershed – By spending time in the outdoors surrounding Wachusett Reservoir we can discover the wildlife that share this area with us. Sampling a stream or pond will introduce the students to the aquatic environment. The water insects and animals we find indicate the quality of the water. **(Grades 3 – 10)**

For more information about these programs contact:

Jim Lafley, Education Coordinator
DCR – Wachusett Section
180 Beaman St.
West Boylston, MA 01583
(508) 792-7423 x 231
Jim.Lafley@state.ma.us

Project WET
TEACHER WORKSHOP

Saturday, November 5, 2005
9 a.m. - 3:30 p.m.

Department of Conservation and Recreation's John Augustus Hall
180 Beaman St., Route 140
West Boylston, MA

Project WET (Water Education for Teachers) is a state-sponsored, national program of water related activities for teachers to use in conjunction with their current curriculum. The activities are correlated to the Massachusetts Curriculum Frameworks, cover many subject areas, are "hands-on" and are easily integrated into units on water, weather, pollution, ecosystems and the environment.

Participants will receive the 515 page Activity Guide containing over 90 new activities and can receive 6 to 10 hours toward professional development and NCLB after completing the workshop requirements.

If you liked either Project WILD or Project Learning Tree you will love Project WET!

Morning refreshments will be provided, but you will need to bring a lunch.

The workshop will be presented by **Jim Lafley**, Education Program Coordinator for the Department of Conservation and Recreation, Division of Water Supply Protection.

COST: $ 15.00

Pre-registration is required.

To register or for more information please call **Jim Lafley** at **508-792-7423 x 231** or email: *Jim.Lafley@state.ma.us*

Field Inspection
Wachusett Reservoir Environmental Quality

File #: EQ2005-022	Date:	04/04/05	Time:	3:30PM	EQ Staff:	DG

Weather/Site Condition:	Partly Sunny

Owner:	Arlette Peterson	**Contact:**	John Westerling
Address:	96 Temple Street	**Address:**	
City/State/Zip:	West Boylston/MA.01583	**City/State/Zip:**	West Boylston/MA/01583
Phone #:	508-835-3301 / 978-422-8133	**Phone #:**	508-835-6133 / 978-423-4386

Lot Address:	96 Temple St.	**Lot Town:**	West Boylston
Unique ID:	321/152/55	**Sub-Basin:**	Gates Brook

Activity:	The CB and CMP located between house #96 and #82 is clogged with sand/sediment resulting in overland/gutter line flow that is causing scouring along Temple St (RT 140) and subsequent property damage.

Concerns

Agriculture:	☐	**WsPA**	
Encroachment:	☐	**Primary Protection Zone (0-100" from tributary):**	☐
Erosion/Sedimentation:	X	**Secondary Protection Zone (200-400' from tributary):**	
Haz. Material:	☐	**Yield Aquifer (L, M, H):**	☐
Recreation:	☐	**Floodplain:**	☐
Sewage/Septic:	☐	**BVW:**	☐
Stormwater:	X	**Is the Activity a concern under Section 11.09?**	☐
UST:	☐	**Is the Activity subject to other state regs?**	☐
Other:			

Notes: Talked with the residents of # 98, #95, and #101 Temple Street regarding drainage issues/concerns. This is a Town of West Boylston DPW issue.

Corrective Action Needed/Taken: Contact the town of West Boylston DPW and have the catch basin and culvert cleaned as per EPA Phase II Stormwater requirements.
10/31/05 – Inspection revealed that the curbing has been installed removing the runoff from impacting the properties

Field Inspection
Wachusett Reservoir Environmental Quality

File #: EQ2005-021	Date:	04/01/05	Time:	2:30PM	EQ Staff:	DG

Weather/Site Condition:	Sunny

Owner:	Mike Kittredge	**Contact:**	William Clougherty, MHD
Address:	24 Worcester Street	**Address:**	
City/State/Zip:	West Boylston/MA.01583	**City/State/Zip:**	
Phone #:		**Phone #:**	

Lot Address:	24 Worcester Street	**Lot Town:**	West Boylston
Unique ID:	321/143/71	**Sub-Basin:**	West Boylston Brook

Activity:	The curbing and gutter line are not functioning properly resulting in overland flow that is causing scouring and accumulated sediment near West Boylston Brook

Concerns

Agriculture:	☐	**WsPA**	
Encroachment:	☐	**Primary Protection Zone (0-100" from tributary):**	☐
Erosion/Sedimentation:	X	**Secondary Protection Zone (200-400' from tributary):**	
Haz. Material:	☐	**Yield Aquifer (L, M, H):**	☐
Recreation:	☐	**Floodplain:**	☐
Sewage/Septic:	☐	**BVW:**	☐
Stormwater:	X	**Is the Activity a concern under Section 11.09?**	X
UST:	☐	**Is the Activity subject to other state regs?**	☐
Other:			

Notes: Talked with the resident of # 24 Worcester Street and John Westerling (WB DPW) regarding drainage issues/concerns. According to WB DPW, this is a MHD issue.

Corrective Action Needed/Taken: Contact the MHD and have the road drainage addressed to prevent further scouring and sediment loading as per EPA Phase II Stormwater requirements.
10/05/05 – MHD proposes to add a CB, 12" pipe, and elevate the entrance (gradual speed bump) of the WBDPW parking lot to prevent runoff from sheeting across parking lot. The grassed area at the end of the parking lot will slow down and trap sediment. All work proposed in the buffer zone. WBCC issued a NEG Determination.