Municipality/Organization:

EPA NPDES Permit Number: **MA 041069/MA DEP**

Westwood

MaDEP Transmittal Number: W - 036108

Annual Report Number
& Reporting Period: **No. 1: March 04-March 05**

NPDES PII Small MS4 General Permit
Annual Report

Part I. General Information

Contact Person: **Timothy Walsh**

Title: **Director of Public Works**

Telephone #: **781-326-8661**

Email: **twalsh@townhall.westwood.ma.us**

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: Timothy Walsh

Printed Name: **Timothy Walsh**

Title: **Director of Public Works**

Date: **May 1, 2005**

Part II *Self-Assessment*

The Town of Westwood has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions, except for the following provisions:

Part 1.5 Survey of public awareness will be delayed to Year 3.

Part 2.7 Reactivate the Stormwater Planning Committee

Part 3.31 TMDL plans for implementation of BMP's to clean up polluted water bodies was delayed to Year 3.

Part IV. Summary of Information Collected and Analyzed

Summarize the results of information or data, if any, that was collected and analyzed during Permit Year 2, but was not included elsewhere in the annual report or requires further elaboration. Information and data could include results/trends from any storm or receiving water quality monitoring, beach monitoring or closure statistics, assessment of particular BMP performance, or financial impact of program implementation.

Part V. Program Outputs & Accomplishments (OPTIONAL)

You may include, where known, the following (and other) estimated program results and accomplishments realized during Permit Year 1. Insert additional rows as appropriate.

Programmatic			
Stormwater management position created/staffed		(y/n)	***No***
Annual program budget/expenditures		($)	***$5,000***
Education, Involvement, and Training			
Estimated number of residents reached by education program(s)		(# or %)	***14,000***
Stormwater management committee established		(y/n)	***Yes***
Stream teams established or supported		(# or y/n)	***No***
Shoreline clean-up participation or quantity of shoreline miles cleaned		(y/n or mi.)	***Yes***
Household Hazardous Waste Collection Days			
~	days sponsored	(#)	***1/yr.***
~	community participation	(%)	***12%***
~	material collected	(tons or gal)	***See Manifest***

School curricula implemented (y/n) ***No***

Legal/Regulatory

	In Place Prior to Phase II	Under Review	Drafted	Adopted
Regulatory Mechanism Status (indicate with **"X"**)				
~ Illicit Discharge Detection & Elimination				
~ Erosion & Sediment Control				
~ Post-Development Stormwater Management				
Accompanying Regulation Status (indicate with **"X"**)				
~ Illicit Discharge Detection & Elimination				
~ Erosion & Sediment Control				
~ Post-Development Stormwater Management				

Mapping and Illicit Discharges

Outfall mapping complete	(%)	***95%***
Estimated or actual number of outfalls	(#)	***220***
System-Wide mapping complete	(%)	***95%***
Mapping method(s)		
~ Paper/Mylar	(%)	
~ CADD	(%)	
~ GIS	(%)	***100%***
Outfalls inspected/screened	(# or %)	***100%***
Illicit discharges identified	(#)	***0***
Illicit connections removed	(#) (est. gpd)	***0***
% of population on sewer	(%)	**98%**
% of population on septic systems	(%)	**2%**

Construction

Number of construction starts (>1-acre)	(#)	
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	
Site inspections completed	(# or %)	
Tickets/Stop work orders issued	(# or %)	
Fines collected	(# and $)	
Complaints/concerns received from public	(#)	

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post~ construction stormwater control	(%)	
Site inspections completed	(# or %)	
Estimated volume of stormwater recharged	(gpy)	

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	*1*
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	*1*
Total number of structures cleaned	(#)	***2,050***
Storm drain cleaned	(LF or mi.)	***1,000 l.f.***
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	***40 tons***
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		***Landfill***
Cost of screenings disposal	($)	***$2,000***
Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	*1*
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	*2*
Qty. of sand/debris collected by sweeping	(lbs. or tons)	***60 tons***
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	***Compost***
Cost of sweepings disposal	($)	***$200***

Vacuum street sweepers purchased/leased	(#)	*0*
Vacuum street sweepers specified in contracts	(y/n)	*0*

Reduction in application on public land of: ("N/A" = never used; "100%" = elimination)		
~ Fertilizers	(lbs. or %)	
~ Herbicides	(lbs. or %)	
~ Pesticides	(lbs. or %)	
Anti-/De-Icing products and ratios: straight salt and magic used as needed Ice Magic at 8 gallons per ton of salt Magic = $MgCl_2$ 15.11% Protein 4.50% Iron 0.20 ppm . Cacl2 1.50% Fat 0.80% Copper 0.70 ppm . Crude Fibre 1.20% Manganese 5.0 ppm . kcl 1.00% Phosphorous 0.34% Zinc 1.3 ppm . nacl 1.00% Sulfur 0.34% Carbohydrates 11% Magic is bio-degradable, safe around vegetation and people	% NaCl % $MgCl_2$ % CMA % Kac % KCl % Sand	*20%±*
Pre-wetting techniques utilized	(y/n)	*No*
Manual control spreaders used	(y/n)	*Yes*
Automatic or Zero-velocity spreaders used	(y/n)	*No*
Estimated net reduction in typical year salt application	(lbs. or %)	*10%*
Salt pile(s) covered in storage shed(s)	(y/n)	*Yes*
Storage shed(s) in design or under construction	(y/n)	*No*

MAY 19 2005