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Municipality/Organization: Town of Avon, Massachusetts

EPA NPDES Permit Number: MAR041089

MaDEP Transmittal Number: W-

Annual Report Number & Reporting Period: March 04 to March 05

**NPDES PII Small MS4 General Permit
Annual Report**

MAY 05 2005

Part I. General Information

MUNICIPAL ASSISTANCE UNIT

Contact Person: John A. Groulx **Title:** Executive Secretary

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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.

Town has reconstructed a number of roadways which resulted in new catch basins being installed and repaired. Also, quotes have been received on the repairs to the Town garage drainage system and voted from the annual Town Meeting. The Town's highway department has also cleaned several miles of stream which passes behind the Town Library.

has enacted a code enforcement task force to aggressively handle code enforcement matters. One of the goals is to ensure that all illicit discharges into the Town's stormwater system are halted. The Planning Board enacted an ordinance that is required during the permitting process.

is completing its comprehensive water management plan, i.e. the review of our wastewater discharges and is conducting an extensive drainage and water runoff assessment of our Brentwood neighborhood which covers such areas as Ballum, Sullivan, Petersen and others. Also reconstruction of 4+ miles of Town road is planned for the next year. Construction, replacement and installation of improved drainage systems and catch basins.

maintains its aggressive maintenance schedule. Yearly street sweeping, catch basin cleaning and drainage system inspections are completed. The Town remains committed to making as much progress with improving our stormwater discharge as possible given our limited resources and tight fiscal conditions.

Minimum Control Measures

1 Outreach

	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
	Executive Secretary	n/a	Project incomplete	Beginning date collection and creation of the materials to be distributed.
	Avon School Dept	n/a	Project incomplete due to construction at Avon Middle/High School	High School Construction ongoing, due for completion in June 2005, hope to begin this goal in FY06 with new Science lab
1	Executive Secretary	n/a	Project incomplete	Work with cable access show “Cracker Barrel” to highlight the Stormwater issue.
	Executive Secretary	n/a	Project incomplete	Contact Boy Scouts of America to determine if they can assist.

nd Participation

	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
	Executive Secretary, Board of Health		Preliminary discussion with Board of Health. No additional movement at this time.	Will continue discussions to determine best course of action.
	Executive Secretary		No Articles proposed at Town Meeting.	Article at Town Meeting proposed for repairs of Highway Garage Drainage system and revamped web presence for the Town which can include Stormwater Management goals.
	Business Association, Executive Secretary		Association not full active	Association has slowed activities, will work with School Department or other entity to attempt .

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ction and Elimination

	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
	Operations Manager	GIS program has been purchased.	Handwritten map in place, requires conversion to GIS.	GIS mapping layers are in progress at Town Hall starting with property maps, additional layers will be added.
	Board of Health	Annual Report updates		Yearly flyers issued, for compostable materials, recyclable materials, TVs and computer monitor disposal, and phone list to direct residents to the proper authorities for their individual issues.
ne	Board of Health		Operating through Town Hall.	Operating through Town Hall. Health Agent has investigated several complaints of illegal discharges into Town catch basins.
w	Planning Board	Erosion Control plan enacted		Planning Board has enacted an in-house erosion control plan to deal with runoff at construction sites. Will continue to work on avenues in which to control runoff from existing sites.

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and Good Housekeeping in Municipal Operations

	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
g	Highway Department	Completed 2004 activities, 2005 activities ongoing	Activity Complete	Will perform again this year
	Highway Department	Completed 2004 activities, 2005 activities ongoing	Activity Complete	Will perform again this year
	Highway Department	Completed 2004 activities, 2005 activities ongoing	Quotes received on the repair, funding request made to May 2005 Town Meeting.	Will hire an engineer if funds are approved
al	Highway Department	Completed 2004 activities, 2005 activities ongoing	Water Department actively involved in yearly upgrades to water treatment and distribution licenses. Water Commissions, water superintendent very aggressively involved in ensuring water quality which includes areas of concern such as Trout Brook or MTBE discharges into local catch basins.	Continue to educate staff on the issues of stormwater and the need to address potential sources of contaminates.
	Board of Selectmen		Feasibility Study completed	Town requesting preliminary design funds at May 2005 Town Meeting.

Board of Selectmen	Plan nearly complete	Assessment of wastewater discharges in Town by outside Engineer. Development of a long term plan to address future wastewater flows.	Plan under review by the Massachusetts Department of the Environment. Significant investment made to develop a long term plan to address present and future wastewater discharges.
Board of Selectmen	Plan ongoing, in the hands of the hired engineers	Complete assessment of water migration and drainage issues within the Brentwood neighborhood of Avon	Anticipate action plan in Summer of 2005

surface migration appears to be southeasterly away from Avon and Avon municipal water supply. : to Town wells are operational and detecting no signs of pollutants from the south. MTBE pollutants were d source being catch basins on Route 28. The rapid rise and fall of the MTBE levels appears to indicate an ne into an adjacent storm drain.

formation Collected and Analyzed

ns, engineering contracts, water quality testing Avon Water Department, vendor contracts, Highway

ts & Accomplishments (OPTIONAL)

position created/staffed	(y/n)	NO
xpenditures	(\$)	0

and Training

lements reached by education program(s)	(# or %)	50
committee established	(y/n)	No
or supported	(# or y/n)	No
pation or quantity of shoreline miles cleaned	(y/n or mi.)	n/a
ste Collection Days		
	(#)	1
pation	(%)	
	(tons or gal)	
nted	(y/n)	No

	Prior to Phase II	Under Review	Drafted	Adopted
Status (indicate with “X”)				
Detection & Elimination		X	X	
Point Control	X			X
Non-Point Stormwater Management		X	X	
Implementation Status (indicate with “X”)				
Detection & Elimination				
Point Control				
Non-Point Stormwater Management				

Charges

Percentage of total cost	(%)	50%
Number of outfalls	(#)	
Percentage complete	(%)	
	(%)	75%
	(%)	
	(%)	10
Number of outfalls	(# or %)	2
Number of outfalls	(#)	2
Number of outfalls	(#) (est. gpd)	
	(%)	1
Number of outfalls	(%)	99

Number of outfalls (>1-acre)	(#)	1
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onstruction starts adequately regulated for erosion and sediment control	(%)	100
1	(# or %)	1
issued	(# or %)	1
	(# and \$)	0
ived from public	(#)	1

Water Management

development/redevelopment projects adequately regulated for post-control	(%)	
1	(# or %)	
water recharged	(gpy)	

Sanitation

h basin cleaning (non-commercial/non-arterial streets)	(times/yr)	Yearly
h basin cleaning (commercial/arterial or other critical streets)	(times/yr)	Yearly
s cleaned	(#)	580
	(LF or mi.)	0
removed from storm sewer infrastructure	(lbs. or tons)	
ngs (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		
al	(\$)	

et sweeping (non-commercial/non-arterial streets)	(times/yr)	Yearly
et sweeping (commercial/arterial or other critical streets)	(times/yr)	Yearly
ted by sweeping	(lbs. or tons)	20-25 tons
ndfill, POTW, compost, beneficial use, etc.)	(location)	

al - \$30,000 reflects total cost of cleaning and disposal	(\$)	\$30,000
urchased/leased	(#)	
pecified in contracts	(y/n)	
on public land of: (“N/A” = never used; “100%” = elimination)		
	(lbs. or %)	
	(lbs. or %)	
	(lbs. or %)	
nd ratios	% NaCl % CaCl ₂ % MgCl ₂ % CMA % Kac % KCl % Sand	4 Parts sand to 1 Part salt per Town regulations. CaCl rarely used.
ilized	(y/n)	
used	(y/n)	
ty spreaders used	(y/n)	Yes
1 typical year salt application	(lbs. or %)	Same
rage shed(s)	(y/n)	Yes
or under construction	(y/n)	