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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

MUNICIPAL ASSISTANCE UNIT

Part I. General Information

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 epaired. Also, quotes have been received on the repairs to the Town garage drainage system and sted from the annual Town Meeting. The Town's highway department has also cleaned several e stream which passes behind the Town Library.

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

its comprehensive water management plan, i.e. the review of our wastewater discharges and is ensive drainage and water runoff assessment of our Brentwood neighborhood which covers such g, Ballum, Sullivan, Petersen and others. Also reconstruction of 4+ miles of Town road is planned istruction, replacement and installation of improved drainage systems and catch basins.

ains its aggressive maintenance schedule. Yearly street sweeping, catch basin cleaning and drainage The Town remains committed to making as much progress with improving our stormwater discharge g our limited resources and tight fiscal conditions.

Iinimum Control Measures

l 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
l	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.

ıd 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 .

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.

›rmwater Runoff Control

	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
:			Project incomplete	Has not been presented at Town Meeting, the Planning Board has created an Erosion Control plan based on the EPAs sample plan.
			Project incomplete	Has not been presented at Town Meeting, the Planning Board has created an Erosion Control plan based on the EPAs sample plan.

ɔrmwater Management in New Development and Redevelopment

	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
	Planning Board	Erosion Control Plan on file within Planning Board	Erosion Control plan created, based on the EPAs sample control plan.	Town exploring possible creation of town charter which would by-pass the need for a by-law committee. Erosion control plan in place. By-law would need to be approved at a future Town Meeting.
	Planning Board	Erosion Control Plan on file within Planning Board	Erosion Control plan created, based on EPAs sample control plan.	Town exploring possible creation of town charter which would by-pass the need for a by-law committee. Erosion control plan in place. By-law would need to be approved at a future Town Meeting.

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)

ɔosition created/staffed	(y/n)	NO
xpenditures	($)	0

, and Training

lents 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

In Place

	Prior to Phase II	Under Review	Drafted	Adopted
tatus (indicate with "**X**")				
)etection & Elimination		X	X	
:nt Control	X			X
t Stormwater Management		X	X	
n Status (indicate with "**X**")				
)etection & Elimination				
:nt Control				
t Stormwater Management				

:harges

:	(%)	50%
er of outfalls	(#)	
›mplete	(%)	
	(%)	75%
	(%)	
	(%)	10
:d	(# or %)	2
d	(#)	2
:d	(#) (est. gpd)	
	(%)	1
systems	(%)	99

tarts (>1-acre)	(#)	1

onstruction starts adequately regulated for erosion and sediment control	(%)	100
d	(# or %)	1
issued	(# or %)	1
	(# and $)	0
ived from public	(#)	1

nwater Management

evelopment/redevelopment projects adequately regulated for post-ontrol	(%)	
d	(# or %)	
nwater recharged	(gpy)	

nance

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
n typical year salt application	(lbs. or %)	Same
rage shed(s)	(y/n)	Yes
or under construction	(y/n)	