Municipality/Organization: Grafton

EPA NPDES Permit Number: MARO041119

MaDEP Transmittal Number: **W-035459**

Annual Report Number & Reporting Period: **No. 2: May 04-May 05**

NPDES PII Small MS4 General Permit Annual Report

MAY 0 5 2005

MUNICIPAL ASSISTANCE UNIT

Part I. General Information

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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.

t

en greatly improved in town due to the hiring of a full-time conservation agent. The agent has been instrumental in inspecting control issues throughout Town. Getting this person up to speed regarding stormwater issues has been our major undertaking. forged or reinforced with various boards, commissions, environmental and civic groups in town on the important aspects of our everyday environment. This has included discussions with the Planning Board, Conservation Commission and Board of Health ow can they be integrated into existing rules and regulations and how will new By-law's affect.

the state level, in particular at the Department of Environmental Protection, have hampered our ability to pursue fines on large ı tremendous amount of development in Grafton, that, due to our inadequate staff, cannot keep up with everything. State road is not being done in an expedient manner. Street sweeping is being done but once a year in major commercial areas of state g is virtually non-existent. This in turn creates a detriment to our receiving waters.

Minimum Control Measures

d Outreach

	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
lan	SUASCO & DPW	Completed	Were very successful integrating this into the 5th grade science curriculum.	Continue to use this lesson plan in future years
	DPW	Completed	Received very well.	Continue to add information, draft by-law's to site.
	DPW, Town Clerk	On-Going	New Residents are given stormwater flyer as they come in to register to vote etc.	Continue program
	DPW	On-Going	With local newspaper, run article specific to stormwater on a quarterly basis.	Continue with current schedule.
or	DPW, Tree Warden	On-going	As part of Tree City USA campaign, inform residents of trees and their benefits for stormwater management	Continue program. Pursue grants to further implement this program.

and Participation

	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
fth	SUASCO & DPW	Completed	Done in conjunction with stormwater lesson plan	May continue. Lesson plan will continue to b taught. Depends on teacher involvement.
	DPW	On-Going	Have not had a formal hearing. Continue to work with many boards and commissions. Stormwater is a major issue due to development.	Continue work with boards and commissions
	DPW & Local Groups	On-Going	Part of SUASCO Steering Committee, Mass Audubon and Blackstone Headwaters Coalition	Continue to expand local participation.

	Town Meeting	On-Going	Completed purchase of 190 acres Hassanamessit Woods.	As lands are removed from CH 61A, Town pursues.

ection and Elimination

	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
	DPW, Planning, Conservation	Develop Draft By-Law	Continue to receive feed-back on draft	Float new By-law as guidance. One year of comment period
	DPW	Find, GPS Survey map outfalls at least 20%.yr.	Additional outfalls have been found and mapped on top of 90% done last year.	As part of FY06 Capital Budget, GIS flight will be performed. This will greatly enhance our environmental planning ability in Town.
	DPW, Planning, Sewer, Bldg., Board of Health	Determine Priority areas. Screen outfalls during dry weather. 20%/yr	20% screened. With purchase of handheld GPS unit, work is much more efficient.	Screen an additional 20%
	SUASCO & DPW	Include in flyers	Flyers given to new residents	Continue program
es	DPW	Included in Measure 6	D.O.T. Training to all employees	Train new employees.

ɔrmwater Runoff Control

	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
	Conservation & DPW	Develop draft by-law	On-going	Float new bylaw as guidance. One year of comment period.
ion nt	Conservation & DPW	Prepare draft to include in draft by-law	On-going	Final to include in bylaw
ın	DPW, Conservation, Planning, Board of Health	Prepare draft to include in draft by-law	On-going	Final to include in bylaw
	DPW, Conservation, Planning, Board of Health	Prepare draft to include in draft by-law	On-going	Final to include in bylaw
	DPW, Conservation, Planning, Board of Health	Advertise and test hotline	Due to hiring of new conservation agent, we are still working out the details of who does what, when.	Fully Implement Hotline

tormwater Management in New Development and Redevelopment

	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
te	DPW, Planning, Conservation	Develop bylaw, Involve and educate public municipal officials, developers, contractors	Complete	Float new bylaw as guidance, one year of comment period
ıd 's	DPW, Planning, Conservation	Prepare to draft, include in draft bylaw	On-going	Float new bylaw as guidance, one year of comment period
	DPW	Prepare to draft, include in draft bylaw	On-going	Float new bylaw as guidance, one year of comment period
	DPW	Prepare to draft, include in draft bylaw	On-going	Float new bylaw as guidance, one year of comment period

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
ɔ ı	DPW	Sample / Test Training	On-Going	Fully Implement Training
ion	DPW	Develop Draft New/Improved Activities, Schedules and Procedures	Completed	Finalize maintenance activities, schedules and long-term inspection procedures
ɔn ɜ	DPW	Develop Draft BMPs	Completed	Finalize BMPs
rm	DPW	Develop Draft Procedures	Completed	Finalize Procedures

otal Maximum Daily Load (TMDL) Waste Load Allocations (WLA) *<<if applicable>>*

	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

ıformation Collected and Analyzed

uts & Accomplishments (OPTIONAL)

: position created/staffed	(y/n)	½ time
expenditures	($)	$15,000 +

t, and Training

idents reached by education program(s)	(# or %)	40 %
: committee established	(y/n)	No
l or supported	(# or y/n)	No
ipation or quantity of shoreline miles cleaned	(y/n or mi.)	No
'aste Collection Days		
	(#)	2
ipation	(%)	
l	(tons or gal)	
ented	(y/n)	Yes

	In Place Prior to Phase II	Under Review	Drafted	Adopted
tatus (indicate with "**X**")				
Detection & Elimination			X	
ent Control			X	
it Stormwater Management			X	
on Status (indicate with "**X**")				
Detection & Elimination			X	
ent Control			X	
it Stormwater Management			X	

charges

e	(%)	90
ber of outfalls	(#)	
omplete	(%)	90
	(%)	
	(%)	10 %
	(%)	90%
ied	(# or %)	20 %
ed	(#)	
ed	(#) (est. gpd)	
r	(%)	60%
c systems	(%)	40%

starts (>1-acre)	(#)	12
construction starts adequately regulated for erosion and sediment control	(%)	50%
ed	(# or %)	150 +
issued	(# or %)	5
	(# and $)	$0
eived from public	(#)	100'S

mwater Management

development/redevelopment projects adequately regulated for post-control	(%)	10 %
ed	(# or %)	0
mwater recharged	(gpy)	n/a

nance

ch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	1/YR
ch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	2/YR
es cleaned	(#)	+/- 2500
	(LF or mi.)	
removed from storm sewer infrastructure	(lbs. or tons)	2000 TONS
ings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		Landfill
sal	($)	30,000

eet sweeping (non-commercial/non-arterial streets)	(times/yr)	3-4 /yr

eet sweeping (commercial/arterial or other critical streets)	(times/yr)	3-4/yr
cted by sweeping	(lbs. or tons)	2000 tons
andfill, POTW, compost, beneficial use, etc.)	(location)	Compost, landfill, Reuse
al	($)	
purchased/leased	(#)	0
specified in contracts	(y/n)	1

on public land of: ("N/A" = never used; "100%" = elimination)		
	(lbs. or %)	50%
	(lbs. or %)	NA
	(lbs. or %)	90%

and ratios	% NaCl % $CaCl_2$ % $MgCl_2$ % CMA % Kac % KCl % Sand	90 10
tilized	(y/n)	Y
used	(y/n)	Y
ity spreaders used	(y/n)	N
n typical year salt application	(lbs. or %)	
orage shed(s)	(y/n)	Y
or under construction	(y/n)	N