

Town of Chester, Connecticut

Part B Registration

Stormwater Management Plan

General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems

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Date Prepared: 3/10/2005

For questions regarding this report contact: Martin L. Heft 203 Middlesex Avenue, Post Office Box 218 Chester, CT 06412-0218

Stormwat	er Program Permit Information
1. Permitting Authority: CTDEP Bur	eau of Water Management
2. Permit Number: GSM000058	3. Permit Type: General Permit
4. Permit Name: General Permit for the	ne Discharge of Stormwater from Small MS4s
5. Date Issue: 1/9/2004	6. Date Expire: 1/8/2009

	General Information for MS4 Operator						
1. Operator Name:	Martin L. Heft						
2. Operator Title:	First Selectman						
3. Represented Entity:	Town of Chester						
4. Mailing Address:	203 Middlesex Avenue, Post Office Box 218						
5. Mail City, State, Zip:	Chester, CT 06412-0218						
6. Phone Number:	(860) 526-0013						
7. E-Mail Address:	FirstSelectman@chesterct.com						
8. Co-Permitting With:	Not Applicable						
9. Population: 3,743	Households: 1,510 Area (sq mi): 16						
10. Official Website:	www.chesterct.com						

	General Information for Primary Contact Person
1. Name:	Martin L. Heft
2. Title:	First Selectman
3. Phone Number	(860) 526-0013
4. E-Mail Address:	FirstSelectman@chesterct.com

General Information for Secondary Contact Person					
1. Name:	Josephine Costanzo-Nicholson				
2. Title:	Administrative Assistant				
3. Phone Number	(860) 526-0013				
4. E-Mail Address:	AdminAsst@chesterct.com				

General Information for Receiving Waters Receiving Water Lists: Listed below are all the identified receiving waterbodies to which identified outfalls discharge.						
Receiving Streams (creek, stream, river, etc.)	Receiving Waterbodies (lake, wetland, ocean, etc.)	Receiving Watersheds				
Burr Brook Pattaconk Brook Waterhouse Brook	Cedar Lake Deep Hollow Reservoir - Connecticut Water Company Dueses Pond Jennings Pond Pattaconk Reservoir - State of Connecticut DEP Upper Pond Waterhouse Pond - Connecticut Water Company	4000 Connecticut River 4017 Chester Creek 4018 Deep River				

Section B

Plan Contents Summary

The Stormwater Management Plan consists of the following Minimum Control Measures and BMPs:

Minimum Control Measures and BMPs		
Public Education and Outreach		
Develop Educational Resources		
	1/9/2004	12/31/2004
Expand Educational Resources		
	1/9/2004	1/8/2009
Pollution Reduction		
	6/8/2004	12/16/2004
Pollution Reduction	1	
	12/2/1997	1/8/2009
Storm Drain MarkIng Program	1	
	6/8/2004	12/16/2004
Public Participation/Involvement		
Community Clean-Ups		
	6/8/2004	12/16/2004
Continue a Volunteer Organization	1	
	1/9/2004	1/8/2009
Establish a Citizen Panel	r : : : : : : : : : : : : : : : : : : :	
	1/9/2004	1/8/2009
Establish Citizen Watch Groups	Γ	1
Dublic Involvement Dublic Assess Talestician Madia	1/10/2005	1/8/2009
Public Involvement - Public Access Television Media	10000	1 412/222
Stormwater Issues - Print Media	1/9/2004	1/8/2009
Stoffiwater issues - Print Media	4/0/2004	4/0/2000
Illiait Dischaus Detection and Elimination	1/9/2004	1/8/2009
Illicit Discharge Detection and Elimination Continuation of Detection and Elimination Efforts		
Constitution of Detection and Elimination Entits	1/9/2004	1/8/2009
Detection and Elimination	179/2004	17072009
	6/8/2004	1/8/2009
Household Hazardous Waste Collection	0/0/2004	17012000
	1/9/2004	1/8/2009
Implement an Information Management System for Tracking Illicit Discharges	17012001	1 ,70,2000
	6/8/2004	12/16/2004
Initial Identification of Illicit Discharge Sources		1
V	1/10/2005	1/8/2009
Recycling Program		1
	8/5/2003	1/8/2009
Storm Sewer System Outfall Map		

	1/10/2005	1/6/2006
Stormwater Ordinance/Regulatory Mechanism		
	1/10/2005	1/6/2006
Stormwater Sampling		
	12/7/2004	12/8/2004
Train Employees		-1
	1/10/2005	1/6/2006
Construction Site Run	off Control	
Continue Construction Inspection Program		
	1/9/2004	1/8/2009
Continue Staff Training		- C
	1/9/2004	1/8/2009
Information Management System in Place		·J
	1/9/2004	1/8/2009
Maximum Compliance		
	1/9/2004	1/9/2009
Regulatory Mechanism	, , , , , , , , , , , , , , , , , , ,	1,
	1/9/2004	1/8/2009
Post-Construction Run	off Control	
Identification of BMPs		
	6/8/2004	1/29/2005
Monitor Stormwater Sampling Results - Improved Water Quality		L
	1/10/2005	2/2/2005
Publication of BMPs		[
	1/10/2005	1/6/2006
Reduced Impervious Areas		L
	1/11/2005	1/8/2009
Stormwater Runoff Program		
	2/3/2005	2/4/2005
Pollution Prevention/Good		
Develop Pollution Prevention Plan	- I o do o o o o o o o o o o o o o o o o	
	1/10/2005	1/29/2005
Employee Training Materials		
· · · · · · · · · · · · · · · · · · ·	1/9/2004	1/8/2009
incorporation of BMPs into Regulations and the Plan of Development		
	1/10/2005	1/8/2009
nformation Management System		
	1/9/2004	1/8/2009
Maintenance Program Effectiveness		
	1/9/2004	1/8/2009
Maintenance Schedule	170,2004	
The state of the s	1/9/2004	1/8/2009
Repair, Retrofit or Upgarde Stormwater Conveyances, Structures and Out		1/0/2003
	1/9/2004	1/8/2000
	1/9/2004	1/8/2009

Train Employees			
	1/3/2005	1/8/2009	l

Section C

Public Education and Outreach

Descriptive Text:

To satisfy this minimum control measure, the operator of a regulated small MS4 needs to:

- 1. Implement a public education program to distribute educational materials to the community, or conduct equivalent outreach activities about the impacts of storm water discharges on local waterbodies and the steps that can be taken to reduce storm water pollution; and
- 2. Determine the appropriate best management practices (BMPs) and measurable goals for this minimum control measure.

An informed and knowledgeable community is crucial to the success of a storm water management program since it helps to ensure the following:

- 1. Greater support for the program as the public gains a greater understanding of the reasons why it is necessary and important. Public support is particularly beneficial when operators of small MS4s attempt to institute new funding initiatives for the program or seek volunteers to help implement the program; and
- 2. Greater compliance with the program as the public becomes aware of the personal responsibilities expected of them and others in the community, including the individual actions they can take to protect or improve the quality of area waters.

Number of BMPs associated with control measure:

5

Important Dates:

Earliest Start Date: 12/2/1997

End Date: 1/8/2009

Details of BMPs and Work Performed for Them **Develop Educational Resources** Responsible Party: Martin Heft, First Selectman Start Date: 1/9/2004 End Date: 12/31/2004 Permits Years during which activities are scheduled: Year 1 X Year 2 X Year 3 X Year 4 X Year 5 X Name of Separate Implementing Entity: Town Residents BMP Description: Qualifying Local Program Direct Mail Chester Events quarterly newsletter is mailed to all 2100 postal patrons in the Town. Included with each newsletter is a section on Public Roads and Bridges that describes upcoming projects and scopes of work. Issues also contain articles on pollution, groundwater runoff and various educational topics from the Chester Inland Wetlands and Watercourses Agency. Watershed Maps Provide better access to watershed subregional basin maps and surface water flow direction maps. Installed pdf format maps developed by the CTDEP and UConn NEMO onto the Town of Chester Stormwater Phase II webpage in the Services and Information section of the town website. Household Hazardous Waste Program Installed Household Hazardous Waste Program information onto the Town of Chester Stormwater Phase II Webpage in the Services and Information section of the town website. Recycling and Bulky Waste Program Installed Recycling and Bulky Waste Program information onto the Town of Chester Stormwater Phase Il webpage in the Services and Information section of the town website. Septic System Care Installed Septic System Care information onto the Town of Chester Stormwater Phase II webpage in the Services and Information section of the town website. Provide stormwater education links on the Town of Chester Stormwater Phase II webpage in the Services and Information section of the town website.

Work Performed

Has Goal Been Accomplished: YES

Expand Educational Resources	
Responsible Party: Martin Heft, First Select	man
Start Date: 1/9/2004	End Date: 1/8/2009

Permits Year	s during w	hich ac	tivities are sc	heduled:		
	Year 1		Year 2 X	Year 3 X	Year 4 X	Year 5 X
Name of Sep Not Applicable	le	ementi	ng Entity:			
BMP Descrip Qualifying Lo		m				
This goal is for program.	or develop	ing infra	a-structure re	source to support	your public edu	cation and outreach
Continue to b				nat describes stor		
				to educate stude	nts about storm	water issues.
Has Goal Bee	en Accomp	olished:				
			Y	Vork Performed		
Pollution Red	duction					
Responsible l	er e	Vito, T	own Sanitaria	ın		
Start Date: 6/					e: 12/16/2004	
Permits Years	s during w	hich ac	tivities are scl	neduled:	······································	· · · · · · · · · · · · · · · · · · ·
	Year 1	x	Year 2 X	Year 3 X	Year 4 X	Year 5 X
Name of Sep			ng Entity:			
Deli/Restaura		; 				
BMP Descript Qualifying Loc		m				
This goal is us sewer system		in you	r efforts to red	duce pollution bei	ng introduced in	to your storm water
□ Restaurants a	re prohibit	ted fron	n dumpina are	ease and other no	illutants down st	orm sewer drains.
Has Goal Bee					indication down 30	om sewer drams.
			N	ork Performed		
Pollution Red	luction					
Responsible F		in Heft	, First Selectr	man		
Start Date: 12					: 1/8/2009	
Permits Years	during wh	nich act	ivities are sch	neduled:		
	Year 1)	(Year 2 X	Year 3 X	Year 4 X	Year 5 X
Name of Sepa Town of Ches	ter Reside		g Entity:			
BMP Descript Qualifying Loc		n				

This goal is used to help increase your efforts to reduce pollution being introduced into your stormwater sewer system.

A certain percentage reduction in litter and/or animal waste detected in stormwater discharges.

j.,

The Town of Chester adopted an Ordinance Concerning Removal of Animal Wastes with violations punishable by a fine of \$50 pursuant to a Town Meeting held on December 2, 1997.

Has Goal Been Accomplished: YES

Work Performed

Storm Drain Marking Prog	ram				
Responsible Party: Patricia	Pendergast, Pla	anning and Zonir	ng Commission I	Viember	
Start Date: 6/8/2004 End Date: 12/16/2004					
Permits Years during which	activities are so	cheduled:			
Year 1 X	Year 2	Year 3	Year 4	Year 5	
Name of Separate Implemen	nting Entity:				
Patricia Pendergast	,				
BMP Description:					
Obtain and install storm drai	n markers prov	ided by the CTD	EP Long Island	Sound Fund to catch basin	
frames. The 3-3/4" x 8" roun	d cornered rect	tangular tri-color	markers alert pa	issers-by that a catch basir	
and storm drainage system '	'DRAINS TO W	/ATERWAYS AN	ID LONG ISLAN	ID SOUND, NO	
DUMPING".				·	
Has Goal Been Accomplished	ed: YES				

Public Participation/Involvement

Descriptive Text:

To satisfy this minimum control measure, the operator of a regulated small MS4 must:

[]

1. Comply with applicable State and local public notice requirements; and

C

2. Determine the appropriate best management practices (BMPs) and measurable goals for this minimum control measure.

 \Box

EPA believes that the public can provide valuable input and assistance to a regulated small MS4's municipal storm water management program and, therefore, suggests that the public be given opportunities to play an active role in both the development and implementation of the program. An active and involved community is crucial to the success of a storm water management program because it allows for:

1. Broader public support since citizens who participate in the development and decision making process are partially responsible for the program and, therefore, may be less likely to raise legal challenges to the program and more likely to take an active role in its implementation;

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2. Shorter implementation schedules due to fewer obstacles in the form of public and legal challenges and increased sources in the form of citizen volunteers;

[_

3. A broader base of expertise and economic benefits since the community can be a valuable, and free,

intellectual resource; and

4. A conduit to other programs as citizens involved in the storm water program development process provide important cross-connections and relationships with other community and government programs. This benefit is particularly valuable when trying to implement a storm water program on a watershed basis, as encouraged by EPA.

Number of BMPs associated with control measure:

6

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Important Dates:

Earliest Start Date: 1/9/2004 End Date: 1/8/2009

Community Clean-Ups Responsible Party: Martin Heft, First Selectman Start Date: 6/8/2004 End Date: 12/16/2004 Permits Years during which activities are scheduled:

Name of Separate Implementing Entity:

Year 1 X

Harbor Management Commission Members, Chester Land Trust Members

Year 2 X

BMP Description:

Involve a certain percentage of the community through this organization to help in community clean-ups of Chester Creek and Town Center.

Year 3 X

Year 4 X

Year 5 X

Has Goal Been Accomplished: YES

Work Performed

Continue a Volunteer Organization

Responsible Party: Martin Heft, First Selectman

Start Date: 1/9/2004 End Date: 1/8/2009

Permits Years during which activities are scheduled:

Year 1 X Year 2 X Year 3 X Year 4 X Year 5 X

Name of Separate Implementing Entity:

Harbor Management Commission Members, Chester Land Trust Members

BMP Description:

Qualifying Local Program

The volunteer organization created will be used to help identify outfalls, find illicit discharges and install storm drain markers.

Has Goal Been Accomplished: YES

Work Performed

Establish a Citizen Panel

Responsible Party: Martin Heft, First Selectman

Start Date: 1/9/2004 End Date: 1/8/2009

Permits Years during which activities are scheduled:

Year 1 X Year 2 X Year 3 X Year 4 X Year 5 X

Name of Separate Implementing Entity:

Inland Wetlands and Watercourses Agency Members, Planning and Zoning Commission Members

BMP Description:

Qualifying Local Program

Create a citizen panel that will be used to discuss and come up with plans for different storm water issues.

Use this panel for citizen discussion of various viewpoints and provide input concerning appropriate storm water management policies and BMPs.

1"

Has Goal Been Accomplished: YES

Work Performed

Establish Citizen Watch Groups Responsible Party: Martin Heft, First Selectman Start Date: 1/10/2005 End Date: 1/8/2009 Permits Years during which activities are scheduled: Year 1 Year 2 X Year 3 X Year 4 X Year 5 X Name of Separate Implementing Entity: Planning and Zoning Commission Members, Inland Wetlands and Watercourses Agency Members BMP Description: Establish citizen watch groups in a certain percentage of neighborhoods and complete outreach to every different population sector. Has Goal Been Accomplished: NO

Work Performed

Public Involvement - Public Access Television Media Responsible Party: Martin Heft, First Selectman Start Date: 1/9/2004 End Date: 1/8/2009 Permits Years during which activities are scheduled: Year 1 X Year 2 X Year 3 X Year 4 X Year 5 X Name of Separate Implementing Entity: Public Access Televison Station **BMP Description:** Qualifying Local Program Public Access Television spots aired promoting storm water program participation. Has Goal Been Accomplished: YES

Work Performed

Stormwater Issues - Print	Media		DVAC processor vertical approximation			
Responsible Party: Martin 1	left, First Select	man				
Start Date: 1/9/2004						
Permits Years during which	activities are sch	neduled:				
Year 1 X	Year 2 X	Year 3 X	Year 4 X	Year 5 X		
Name of Separate Implemen	nting Entity:					
Chester Residents	• •					
BMP Description:	**					
Qualifying Local Program						
Notify citizens of stormwater	Issues in print n	nedia.				
Chester Events Quarterly ne each newsletter is a section	wesletter is mail on Public Roads	ed to all 2,100 po and Bridges tha	ostral patrons in it describes upco	Chester. Included with oming projects and scope		

of work. The newsletter also contains articles on pollution, groundwater runoff and various topics from the Inland Wetlands and Watercourses Agency.

Has Goal Been Accomplished: YES

Work Performed

Illicit Discharge Detection and Elimination

Descriptive Text:

Recognizing the adverse effects illicit discharges can have on receiving waters, the final rule requires an operator of a regulated small MS4 to develop, implement and enforce an illicit discharge detection and elimination program. This program must include the following:

- 1. A storm sewer system map, showing the location of all outfalls and the names and location of all waters of the United States that receive discharges from those outfalls;
- 2. Through an ordinance, or other regulatory mechanism, a prohibition (to the extent allowable under State or local law) on non-storm water discharges into the MS4, and appropriate enforcement procedures and actions;
- 3. A plan to detect and address non-storm water discharges, including illegal dumping, into the MS4;
- 4. The education of public employees, businesses, and the general public about the hazards associated with illegal discharges and improper disposal of waste; and
- 5. The determination of appropriate best management practices (BMPs) and measurable goals for this minimum control measure.

Discharges from MS4s often include wastes and wastewater from non-storm water sources. A study conducted in 1987 in Sacramento, California, found that almost one-half of the water discharged from a local MS4 was not directly attributable to precipitation runoff. A significant portion of these dry weather flows were from illicit and/or inappropriate discharges and connections to the MS4. Illicit discharges enter the system through either direct connections (e.g., wastewater piping either mistakenly or deliberately connected to the storm drains) or indirect connections (e.g., infiltration into the MS4 from cracked sanitary systems, spills collected by drain outlets, or paint or used oil dumped directly into a drain). The result is untreated discharges that contribute high levels of pollutants, including heavy metals, toxics, oil and grease, solvents, nutrients, viruses, and bacteria to receiving waterbodies. Pollutant levels from these illicit discharges have been shown in EPA studies to be high enough to significantly degrade receiving water quality and threaten aquatic, wildlife, and human health.

Number of BMPs associated with control measure:

10

Important Dates:

Earliest Start Date: 8/5

8/5/2003

End Date:

1/8/2009

Details of BMPs and Work Performed for Them Continuation of Detection and Elimination Efforts Responsible Party: Lee Vito, Town Sanitarian Start Date: 1/9/2004 End Date: 1/8/2009 Permits Years during which activities are scheduled: Year 1 X Year 2 X Year 3 X Year 4 X Year 5 X Name of Separate Implementing Entity: Not Applicable BMP Description: Qualifying LocalProgram Continue 'Illicit Discharge Detection and Elimination' efforts. Has Goal Been Accomplished: YES

Work Performed

Detection and Elimination Responsible Party: Lee Vito, Town Sanitarian Start Date: 6/8/2004 End Date: 1/8/2009 Permits Years during which activities are scheduled: Year 1 X Year 2 X Year 3 X Year 4 X Year 5 X Name of Separate Implementing Entity: Nathan L. Jacobson & Associates, Inc. BMP Description: Qualifying Local Program Continue the illicit Discharge Detection and Elimination efforts and include in the annual report what illicit discharges were found, which ones were eliminated and what remedial actions were taken. Has Goal Been Accomplished: YES

Work Performed

Household Hazardous Waste Collection Responsible Party: Martin Heft, First Selectman Start Date: 1/9/2004 End Date: 1/8/2009 Permits Years during which activities are scheduled: Year 1 X Year 2 X Year 3 X Year 4 X Year 5 X Name of Separate Implementing Entity: Chester Residents BMP Description: Qualifying Local Program The Town of Chester particiates in the Estuary Region Household Hazardous Waste Facility. The facility is open on sixteen Saturdays from 9:00 A.M. to 1:00 P.M. from May to October.

	Work Performed
ŀ	Has Goal Been Accomplished: NO
ĺ	Weed Killers, Insect Sprays, Rodent Poisons, Muriatic Acid, Pool Chemicals and Cesspool Cleaners.
i	The Estuary Region Household Hazardous Waste Facility accepts the following items from the yard and garden:
į	
į	 Rust Preventitives, Wood Preservatives, Wood Strippers, Oil-Based Paints, Lead-Based Paints, Paint Thinners, Degreasers, Solvents and Sealants.
١,	workshop:
ŀ	Estuary Region Household Hazardous Waste Facility accepts the following items from the
	Propane Torch Cylinders, Old Chemistry Sets, Transmission Fluid, Gasoline, Kerosene, Waxes, Polishes, Brake Fluid and Rust Preventatives.
ŀ	The Estuary Region Household Hazardous Waste Facility accepts the following items from the garage:
l	Drain Cleaners, Metal Polish, Oven Cleaners, Floor Cleaners, Mothballs, Photo Chemicals, Full and Partially Full Aerosol Cans, Arts & Crafts Supplies, Household Batteries, Asbestos Floor Tiles, Water reactive Compounds and a Mercury Thermometer/Digital Thermometer Exchange.
ļ	household:
ĺ	The Estuary Region Household Hazardous Waste Facility accepts the following items from the

Implement an Information Management System for Tracking Illicit Discharges Responsible Party: Wade Thomas, Hydrogeologist Start Date: 6/8/2004 End Date: 12/16/2004 Permits Years during which activities are scheduled: Year 1 X Year 2 Year 3 Year 4 Year 5 Name of Separate Implementing Entity: Not Applicable BMP Description: Develop an information Management System that will be used to document all important information gathered concerning illicit discharge detection, elimination and actions taken. This information will be included in annual reports and will detail the following: 1. The number of Outfalls Screened 2. The number of illicit discharges discovered during outfall screening. 3. The number of illicit discharges discovered as a result of citizen complaints. 4. The number of illicit discharges that were resolved. 5. The number of Dye or Smoke Tests conducted. Has Goal Been Accomplished: YES

Work Performed

Initial Identification of Illicit Discharge	Sources		
Responsible Party: Wade Thomas, Hydr	ogeologist		
Start Date: 1/10/2005	End Dat	te: 1/8/2009	<u> </u>
Permits Years during which activities are	scheduled:		
Year 1 Year 2)	Year 3 X	Year 4 X	Year 5 X
Name of Separate Implementing Entity:			
David Campbell			
BMP Description:			
Begin process of identifying potential sou	irces from where illic	it discharges car	n emanate. Areas to look
for are:		_	
1. Industrial areas and marine service pro	oviders.		
2. Areas where there are large concentra	itions of intensely de	veloped septic s	vstems.
<u> </u>	•	, ,	,
Has Goal Been Accomplished: NO			
	Work Performed		

Start Date: 8 Permits Yea	3/5/2003 ars during which a	activities are sch		e: 1/8/2009	
	Year 1 X	Year 2 X	Year 3 X	Year 4 X	Year 5 X
	parate Implemen				
**	ester Residents a	nd Businesses			
BMP Descrip	•				
Qualifying Lo	ocal Program				
[
Continue the	e Recycling and B	Bulky Waste Pro	gram for commo	nly dumped hou	usehold wastes including
cardboard, b	oatteries, glass, n	netal food contai	iners, newspape	rs, office paper,	crankcase oil, scrap
metals, brus	h and leaves.			• •	•
Has Goal Be	en Accomplishe	d: YES	7.1.1.		
		W	ork Performed		

Storm Sewer System Outfall Map Responsible Party: Wade Thomas, Hydrogeologist Start Date: 1/10/2005 End Date: 1/6/2006 Permits Years during which activities are scheduled: Year 1 Year 2 X Year 3 X Year 4 X Year 5 X Name of Separate Implementing Entity: Land Survey & Technical Services, Inc., David Campbell BMP Description: The storm sewer system map is meant to demonstrate a basic awareness of the intake and discharge

areas of the system. It is needed to help determine the extent of discharged dry weather flows, the

possible sources of the dry weather flows, and the particular waterbodies these flows may be affecting. An existing map, such as a topographical map, on which the location of major pipes and outfalls can be clearly presented demonstrates such awareness.

EPA recommends collecting all existing information on outfall locations (e.g., review town records, drainage maps, storm drain maps), and then conducting field surveys to verify locations. It probably will be necessary to walk (i.e., wade through small receiving waters or use a boat for larger waters) the streambanks and shorelines for visual observation.

The storm sewer system map is meant to demonstrate a basic awareness of the intake and discharge areas of the system. It is needed to help determine the extent of discharged dry weather flows, the possible sources of the dry weather flows, and the particular waterbodies these flows may be affecting. An existing map, such as a topographical map, on which the location of major pipes and outfalls can be clearly presented demonstrates such awareness.

By the end of the second year of the General Permit, develop a map at a minimum scale of 1" = 2,000' and a maximum scale of 1" = 200' showing all stormwater discharges from a pipe or conduit with a diameter of 15" or greater (or equivalent cross-sectional area) owned or operated within the Urbanized Area (UA) of the Town of Chester. The mapping shall include the type, material and size of conveyance, outfall or channelized flow; The name and Surface Water Classification of the immediate surface waterbody or wetland to which the stormwater runoff discharges; if the outfall does not discharge directly to a named waterbody, the name of the nearest named waterbody to which the outfall eventually discharges; and the name of the watershed in which the discharge is located.

By the end of the third year of the General Permit, expand mapping to identify all outfalls 15" or greater within the entire Town of Chester.

By the end of the fourth year of the General Permit, expand the mapping to identify all outfalls 12" or greater that are located within the Urbanized Area of Chester.

Has Goal Been Accomplished: NO

Work Performed

Stormwater Ordina	ance/Regula	atory Mechan	ism		
Responsible Party:	Martin Heft	, First Selectm	an		
Start Date: 1/10/20				te: 1/6/2006	
Permits Years during	ng which acti	vities are sche	eduled:		
Yea	ar 1	Year 2 X	Year 3	Year 4	Year 5
Name of Separate I					
Nathan L. Jacobsor	n & Associat	es, Inc., Town	Legal Counse		
BMP Description:					
Develop an ordinan	ce or other r	egulatory med	hanism that wi	ll prohibit (to the	extent allowable under
State or local law) a	ill non-storm	water dischar	ges into the M	S4. This ordinand	ce will include appropriate
enforcement proced	dures and ac	tions such as:			-
1. Fines					
I. Filles					
2. Civil Penalties					
Has Goal Been Acc	omplished: I	10		· · · · · · · · · · · · · · · · · · ·	

Work Performed

Stormwate	r Sampling					
Responsible	e Party: David Ca	ampbell,	Environmenta	Analyst		
Start Date:	12/7/2004			End Date:	12/8/2004	
Permits Yea	ars during which a	activities	are scheduled			
	Year 1 X	Year	2 Yea	ır 3	Year 4	Year 5
Name of Se	parate Implemen	ting Entit	y:			
Not Applica	ble					
BMP Descr	iption:					
Stormwater	monitoring shall	be condu	cted by the To	wn of Ches	ster annually	y starting in 2004. At least
two outfalls	shall be sampled	from are	as that are pre	dominantly	industrial,	commercial and residential
developmer	its for a total of si	x stormw	ater sampling	events. Ead	ch monitore	d outfall shall be selected
based on ar	evaluation by th	e Town o	of Chester tha	the draina	ge area of e	each outfall is representative
	Il nature of the re	spective	land use type.			
Dorometers	المستعلام ممام ما					
Parameters	to be monitored	or each :	sample include	Y.		
pH (SU)						
Hardness (r	na/l)					
	(umhos/cm)					
Oil and Grea						
	xygen Demand (r	ng/l)				
Turbidity (N		0 /				
Total Suspe	nded Solids (mg/	l)				
Total Phosp	horous (mg/l)					
Ammonia (n						
	hl Nitrogen (mg/l)					
	Nitrite Nitrogen (r	ng/l)				
E. coli (colo						
	ated Rainfall pH a	 	e the samples	are obtaine	ed.	
Has Goal Be	een Accomplished	d: YES				

Work Performed

Train Empl	oyees					
Responsible	e Party: Wade T	Thomas, Hydroged	ologist			
Start Date:	1/10/2005		End Da	ite: 1/6/2006		····
Permits Yea	ars during which	n activities are sch	eduled:			
	Year 1	Year 2 X	Year 3	Year 4	Year 5	
Name of Se	parate Impleme	enting Entity:				
Department	of Public Works	s Employees				
BMP Descri	ption:					
	administer a tra icit discharges.	lining program to [Department of I	Public Works Em	nployees that will help t	:hemi
Nathan L. Ja Foreman, tv	vo publications of		Detection and	Elimination for h	of Public Works Road his use to train Departm	nent
The two pub	lications are Illi	cit Discharge Dete	ection and Elimi	ination Manual, A	A Handbook for Munici	pal

Officials, published by the New England Interstate Water Pollution Control Commission and Illicit Discharge Detection and Elimination Manual: A Guidance Manual for Program Development and Technical Assessments by The Center for Watershed Protection and Dr. Robert Pitt.

Has Goal Been Accomplished: NO

Work Performed

Construction Site Runoff Control

Descriptive Text:

The Phase II Final Rule requires an operator of a regulated small MS4 to develop, implement, and enforce a program to reduce pollutants in storm water runoff to their MS4 from construction activities that result in a land disturbance of greater than or equal to one acre.

The small MS4 operator is required to:

1. Have an ordinance or other regulatory mechanism requiring the implementation of proper erosion and sediment controls, and controls for other wastes, on applicable construction sites;

2. Have procedures for site plan review of construction plans that consider potential water quality impacts;

3. Have procedures for site inspection and enforcement of control measures;

4. Have sanctions to ensure compliance (established in the ordinance or other regulatory mechanism);

5. Establish procedures for the receipt and consideration of information submitted by the public; and

6. Determine the appropriate best management practices (BMPs) and measurable goals for this minimum

control measure.

Polluted storm water runoff from construction sites often flows to MS4s and ultimately is discharged into local rivers and streams. Of the pollutants listed in Table 1, sediment is usually the main pollutant of concern. Sediment runoff rates from construction sites are typically 10 to 20 times greater than those of agricultural lands, and 1,000 to 2,000 times greater than those of forest lands. During a short period of time, construction sites can contribute more sediment to streams than can be deposited naturally during several decades. The resulting siltation, and the contribution of other pollutants from construction sites, can cause physical, chemical, and biological harm to our nation's waters. For example, excess sediment can quickly fill rivers and lakes, requiring dredging and destroying aquatic habitats.

Table 1

Pollutants Commonly Discharged From Construction Sites

Sediment
Solid and sanitary wastes
Phosphorous (fertilizer)
Nitrogen (fertilizer)
Pesticides
Oil and grease

Concrete truck washout

Concrete truck washout

Number of BMPs associated with control measure:

5

Important Dates:

Earliest Start Date: 1/9/2004

End Date:

1/9/2009

Details of BMPs and Work Performed for Them Continue Construction Inspection Program Responsible Party: Joseph Dillon, Project Engineer Start Date: 1/9/2004 End Date: 1/8/2009 Permits Years during which activities are scheduled: Year 1 X Year 2 X Year 3 X Year 4 X Year 5 X Name of Separate Implementing Entity: Not Applicable BMP Description: Qualifying Local Program Continue random inspections of construction sites to determine the overall compliance rate that is being achieved by construction operators. Construction sites will also be inspected for soil erosion and sediment control measure effectiveness. Measures will modified and implemented based on performance. New soil erosion and sediment control measures will be employed as they become available. Has Goal Been Accomplished: YES Work Performed

AAOLA	к Репогтеа		
Continue Staff Training			
Responsible Party: Nathan L. Jacobson & Association	ciates Inc., To	wn Engineer	
Start Date: 1/9/2004		e: 1/8/2009	
Permits Years during which activities are schedu	uled:		
Year 1 X Year 2 X	Year 3 X	Year 4 X	Year 5 X
Name of Separate Implementing Entity: Not Applicable			
BMP Description:			
Qualifying Local Program			
<u>E</u>			
Continue staff training by attendance of program sediment control organizations.	ıs organized b	y the CTDEP ar	nd other soil erosion and
Has Goal Been Accomplished: YES			

	N	ork Performed			
Information Management S	System in Place				
Responsible Party: Nathan I	Jacobson & As	ssociates Inc., To	own Engineer		
Start Date: 1/9/2004			e: 1/8/2009		
Permits Years during which	activities are sch	reduled:			
Year 1 X	Year 2 X	Year 3 X	Year 4 X	Year 5 X	
Name of Separate Implemen	nting Entity:				
Site Contractors	- ,				
BMP Description:					
An information management	evetem deciano	d to track inform	المحقة عسمان مصفقت		

An information management system designed to track information submitted by the public and record inspections of construction sites will continue in the form of Field Reports which will be maintained by Nathan L. Jacobson & Associates, Inc. with copies provided to the Town of Chester

Review site inspection procedures that are used by staff in the performance of construction site inspections and make modifications.

Has Goal Been Accomplished: YES

Work Performed

Maximum Compliance Responsible Party: Nathan L. Jacobson & Associates Inc., Town Engineer Start Date: 1/9/2004 End Date: 1/9/2009 Permits Years during which activities are scheduled: Year 1 X Year 2 X Year 3 X Year 4 X Year 5 X Name of Separate Implementing Entity: Site Contractors BMP Description: Qualifying Local Program The inspection program will continue until the maximum compliance possible is achieved. Compliance and non-compliance will be documented through the Information Management System. Has Goal Been Accomplished: YES

Work Performed

Regulatory Mechanism			
Responsible Party: Martin Heft, First Selectman			
Start Date: 1/9/2004	End Date: 1	1/8/2009	
Permits Years during which activities are scheduled			
Year 1 X Year 2 X Yea	ar 3 X	Year 4 X	Year 5 X
Name of Separate Implementing Entity:			
Engineers/Site Contractors			
BMP Description:			
Qualifying Local Program			
The Town of Chester currently has a regulatory med	hanism in pl	ace in the form of	of Section 55 - Erosion
and Sediment Control Plan Regulations of the Plann	ing & Zoning	ן Regulations. Ti	he regulation will
provide the ability to regulate polluted runoff that em	anates from	construction site	s with a cumulative
disturbance of more than one-half acre.			
Undate Section 55 - Fracion and Sodiment Control 6	Plan Basulat	iono of the Diene	-! 0 7aulus
Update Section 55 - Erosion and Sediment Control F Regulations to incorporate reference to the 2002 Co	nan Regulat naecticut Gu	idolines for Soil	iing & Zoning Erosion and Sodiment
Control.	infection Gu	ildelines for Soil	crosion and Sediment
Has Goal Been Accomplished: NO			

Work Performed

Post-Construction Runoff Control

Descriptive Text:

The Phase II Final Rule requires an operator of a regulated small MS4 to develop, implement, and enforce a program to reduce pollutants in post-construction runoff to their MS4 from new development and redevelopment projects that result in the land disturbance of greater than or equal to 1 acre. The small MS4 operator is required to:

- 1. Develop and implement strategies which include a combination of structural and/or non-structural best management practices (BMPs);
- 2. Have an ordinance or other regulatory mechanism requiring the implementation of post-construction runoff controls to the extent allowable under State, Tribal or local law,
- 3. Ensure adequate long-term operation and maintenance of controls;
- 4. Determine the appropriate best management practices (BMPs) and measurable goals for this minimum control measure.

Post-construction storm water management in areas undergoing new development or redevelopment is necessary because runoff from these areas has been shown to significantly effect receiving waterbodies. Many studies indicate that prior planning and design for the minimization of pollutants in post-construction storm water discharges is the most cost-effective approach to storm water quality management.

There are generally two forms of substantial impacts of post-construction runoff. The first is caused by an increase in the type and quantity of pollutants in storm water runoff. As runoff flows over areas altered by development, it picks up harmful sediment and chemicals such as oil and grease, pesticides, heavy metals, and nutrients (e.g., nitrogen and phosphorus). These pollutants often become suspended in runoff and are carried to receiving waters, such as lakes, ponds, and streams. Once deposited, these pollutants can enter the food chain through small aquatic life, eventually entering the tissues of fish and humans. The second kind of post-construction runoff impact occurs by increasing the quantity of water delivered to the waterbody during storms. Increased impervious surfaces interrupt the natural cycle of gradual percolation of water through vegetation and soil. Instead, water is collected from surfaces such as asphalt and concrete and routed to drainage systems where large volumes of runoff quickly flow to the nearest receiving water. The effects of this process include streambank scouring and downstream flooding, which often lead to a loss of aquatic life and damage to property.

Number of BMPs associated with control measure:

5

Important Dates:

Earliest Start Date: 6/8/2004 End Date: 1/8/2009

Details of BMPs and Work Performed for Them Identification of BMPs

Responsible Party: Martin Heft, First Selectman

Start Date: 6/8/2004 End Date: 1/29/2005

Permits Years during which activities are scheduled:

Year 1

Year 2

Year 3

Year 4

Year 5

Name of Separate Implementing Entity:

Wade Thomas

BMP Description:

From the 2004 Connecticut Stormwater Quality Manual identify and develop a mix of Structural and Non-Structural BMPs that are appropriate. This BMP list will include BMPs suited for both redevelopment and new development. These BMPs will also be used in the 'Construction Site Runoff Control' minimum measure.

Has Goal Been Accomplished: NO

Work Performed

Monitor Stormwater Sampling Results - Improved Water Quality

Responsible Party: Wade Thomas, Hydrogeologist

Start Date: 1/10/2005 End Date: 2/2/2005

Permits Years during which activities are scheduled:

Year 1

Year 2 X

Year 3

Year 4

Year 5

Name of Separate Implementing Entity:

Not Applicable

BMP Description:

Compile the data for the first year of stormwater sampling. Continue to collect six samples annually and compile the data and compare the results with the year one results. Identify areas where water quality has improved. In those areas where water quality has not improved identify the potential sources of the problem and investigate them. Use this new information to adjust the plan of action.

Has Goal Been Accomplished: YES

Work Performed

Publication of BMPs

Responsible Party: Martin Heft, First Selectman

Start Date: 1/10/2005

End Date: 1/6/2006

Permits Years during which activities are scheduled:

Year 1

Year 2 X

Year 3

Year 4

Year 5

Name of Separate Implementing Entity:

Plannning and Zoning Commission, inland Wetlands and Watercourses Agency

BMP Description:

Incoporate reference to the 2004 Connecticut Stormwater Quality Manual into Section 5.10 - Storm Water Runoff of the Subdivision Regulations.

Has Goal Been Accomplished: NO

Work Performed

Reduced Impervious Areas Responsible Party: Martin Heft, First Selectman Start Date: 1/11/2005 End Date: 1/8/2009 Permits Years during which activities are scheduled: Year 1 Year 2 X Year 3 Year 4 X Year 5 X Name of Separate Implementing Entity: Planning and Zoning Commission BMP Description: Consider revising the Planning and Zoning Regulations and the Subdivision Regulations to allow for reduced pavement width or utilization of porous pavement for construction of subdivision roads and driveways. Has Goal Been Accomplished: NO

Work Performed

Stormwate	er Runoff Progr	am				
Responsib	ole Party:					TO THE PERSON NAMED IN COLUMN
Start Date	: 2/3/2005		End Da	ate: 2/4/2005		
Permits Ye	ears during which	n activities are so	cheduled:			
i i	Year 1	Year 2	Year 3	Year 4	Year 5	
Name of S Not Applic	Separate Impleme able	enting Entity:				
BMP Desc	cription:					
redevelopr acre that a directly to appropriate measures	ment projects tha are part of a large waters of the Sta e infiltration pract	t disturb greater r common plan of te. This program ices, reduction of to reduce sedin	than or equal to of development of shall ensure that of impervious sur	one acre, includ or sale, that discl at controls are in face, creation or	om new developm ling projects less tharge into the MS4 aplemented to reque conversion to she ovative measures	nan one l or pire et flow,

Has Goal Been Accomplished: NO

Work Performed

Pollution Prevention/Good Housekeeping

Descriptive Text:

Recognizing the benefits of pollution prevention practices, the rule requires an operator of a regulated small MS4 to:

1. Develop and implement an operation and maintenance program with the ultimate goal of preventing or reducing pollutant runoff from municipal operations into the storm sewer system;

2. Include employee training on how to incorporate pollution prevention/good housekeeping techniques into municipal operations such as park and open space maintenance, fleet and building maintenance,

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new construction and land disturbances, and storm water system maintenance. To minimize duplication of effort and conserve resources, the MS4 operator can use training materials that are available from EPA, their State or Tribe, or relevant organizations;

3. Determine the appropriate best management practices (BMPs) and measurable goals for this minimum control measure.

The Pollution Prevention/Good Housekeeping for municipal operations minimum control measure is a key element of the small MS4 storm water management program. This measure requires the small MS4 operator to examine and subsequently alter their own actions to help ensure a reduction in the amount and type of pollution that: (1) collects on streets, parking lots, open spaces, and storage and vehicle maintenance areas and is discharged into local waterways; and (2) results from actions such as environmentally damaging land development and flood management practices or poor maintenance of storm sewer systems. While this measure is meant primarily to improve or protect receiving water quality by altering municipal or facility operations, it also can result in a cost savings for the small MS4 operator, since proper and timely maintenance of storm sewer systems can help avoid repair costs from damage caused by age and neglect.

Number of BMPs associated with control measure:

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Important Dates:

Earliest Start Date: 1/9/2004

End Date: 1/8/2009

Details of BMPs and Work Performed for Them

Develop Pollution Prevention Plan

Responsible Party: Martin Heft, First Selectman

Start Date: 1/10/2005 End Date: 1/29/2005

Permits Years during which activities are scheduled:

Year 1

Year 2 X

Year 3 X

Year 4 X

Year 5 X

Name of Separate Implementing Entity:

Nathan L. Jacobson & Associates, Inc.

BMP Description:

Develop a comprehensive Pollution Prevention Plan that identifies items such as:

L...

- 1. BMPs
- 2. Management Practices and Maintenance Schedules
- 3. Recycling Efforts
- 4. Waste Disposal Guidelines
- 5. Areas of Concern

Has Goal Been Accomplished: NO

Work Performed

Employee Training Materials

Responsible Party: Martin Heft, First Selectman

Start Date: 1/9/2004

End Date: 1/8/2009

Permits Years during which activities are scheduled:

Year 1 X

Year 2 X

Year 3 X

Year 4 X

Year 5 X

Name of Separate Implementing Entity:

Department of Public Works Employees

BMP Description:

Qualifying Local Program

F" :

Maintain a collection of training materials that will be used to educate staff about pollution prevention and good housekeeping. These resources will come from applicable external sources, such as the EPA, and may be supplemented with materials developed by our own organization.

Has Goal Been Accomplished: YES

Work Performed

Incorporation of BMPs into Regulations and the Plan of Development

Responsible Party: Martin Heft, First Selectman

Start Date: 1/10/2005 End Date: 1/8/2009

Permits Years during which activities are scheduled:

Year 1

Year 2 X

Year 3 X

Year 4 X

Year 5 X

Name of Separate Implementing Entity:

Not Applicable

BMP Description:

Incorporate BMPs contained in the 2004 Connecticut Stormwater Quality Manual into the Planning and Zoning Regulations, Subdivision Regulations and the Plan of Development.

Has Goal Been Accomplished: NO

Work Performed

Information Management System

Responsible Party: John Divis, Road Foreman

Start Date: 1/9/2004 End Date: 1/8/2009

Permits Years during which activities are scheduled:

Year 1 X

Year 2 X

Year 3 X

Year 4 X

Year 5 X

Name of Separate Implementing Entity:

Not Applicable

BMP Description:

Qualifying Local Program

Continue the information management system to track the inventory of stormwater facilities and outfalls. This system is used by staff to schedule and perform inspections, maintenance activities and document any other actions taken on these inventory items.

Has Goal Been Accomplished: YES

Work Performed

Maintenance Program Effectiveness

Responsible Party: John Divis, Road Foreman

Start Date: 1/9/2004 End Date: 1/8/2009

Permits Years during which activities are scheduled:

Year 1 X

Year 2 X

Year 3 X

Year 4 X

Year 5 X

Name of Separate Implementing Entity:

Not Applicable

BMP Description:

Qualiying Local Program

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Identify the number of facilities and controls that have received maintenance. Document the overall compliance with the schedule and explain any discrepancies.

Has Goal Been Accomplished: YES

Work Performed

Maintenance Schedule

Responsible Party: Martin Heft, First Selectman

Start Date: 1/9/2004

End Date: 1/8/2009

Permits Years during which activities are scheduled:

Year 1 X

Year 2 X

Year 3 X

Year 4 X

Year 5 X

Name of Separate Implementing Entity:

Street Sweeping and Catch Basin Cleaning Subcontractors

BMP Description:

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Qualifying Local Program

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Develop and implement a program to sweep all streets once a year as soon as possible after snowmelt.

The Town of Chester conducts street sweeping for all town roads once per year. The Town of Chester conducts street sweeping for Chester Town Center monthly from May - October.

Develop and implement a program to evaluate and, if necessary, clean catch basins and other stormwater structures that accumulate sediment at least once a year, including a provision to identify and prioritize those structures that may require cleaning more than once a year

The Town of Chester cleans all catch basins and storm manholes townwide twice per year.

Has Goal Been Accomplished: YES

Work Performed

Repair, Retrofit or Upgarde Stormwater Conveyances, Structures and Outfalls Responsible Party: Martin Heft, First Selectman Start Date: 1/9/2004 End Date: 1/8/2009 Permits Years during which activities are scheduled: Year 1 X Year 2 Year 3 X Year 4 X Year 5 X Name of Separate Implementing Entity: Road Committee BMP Description: Qualifying Local Program Continue to implement a program to evaluate and, if necessary, prioritize for repairing, retrofiting or upgrading the conveyances, structures and outfalls of the MS4.

Has Goal Been Accomplished: YES

Work Performed

Train Employees Responsible Party: Martin Heft, First Selectman Start Date: 1/3/2005 End Date: 1/8/2009 Permits Years during which activities are scheduled: Year 1 Year 2 X Year 3 X Year 5 X Year 4 X Name of Separate Implementing Entity: John Divis, Elizabeth Netsch BMP Description: Using training materials that are available from the EPA, the State or other organizations, this program shall include employee training to prevent and reduce stormwater pollution form activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and stormwater system maintenance. Has Goal Been Accomplished: NO

Work Performed

Section D

BMP Assignments by Responsit	ole Party	
Public Education and Outreac	en remarencamentario del caracteristica de la companio de la companio de la companio de la companio de la comp	
Martin Heft		
Develop Educational Resources		_
	1/9/2004	12/31/2004
Expand Educational Resources	1	1
	1/9/2004	1/8/2009
Lee Vito		
Pollution Reduction	6/8/2004	12/16/2004
Martin Heft	0/0/2004	12/10/2004
Pollution Reduction		
	12/2/1997	1/8/2009
Patricia Pendergast		<u> </u>
Storm Drain MarkIng Program		
	6/8/2004	12/16/2004
Public Participation/Involvemen	nt	
Martin Heft		
Community Clean-Ups		
	6/8/2004	12/16/2004
Continue a Volunteer Organization		
	1/9/2004	1/8/2009
Establish a Citizen Panel		
	1/9/2004	1/8/2009
Establish Citizen Watch Groups	1	T (1010000
D. della Lavada anno anno D. della Annona Talanisian Madia	1/10/2005	1/8/2009
Public Involvement - Public Access Television Media	4/0/2004	1/9/2000
Stormwater Issues - Print Media	1/9/2004	1/8/2009
Stoffiwater issues - Fillit Wedia	1/9/2004	1/8/2009
Illicit Discharge Detection and Elimi		17072000
Lee Vito	Hation	
Continuation of Detection and Elimination Efforts		
	1/9/2004	1/8/2009
Detection and Elimination		
	6/8/2004	1/8/2009
Martin Heft		
Household Hazardous Waste Collection		
	1/9/2004	1/8/2009
Wade Thomas		
Implement an Information Management System for Tracking Illicit Discharges		
	6/8/2004	12/16/2004
Initial Identification of Illicit Discharge Sources		

	1/10/2005	1/8/2009
Martin Heft		
Recycling Program		1
	8/5/2003	1/8/2009
Wade Thomas		
Storm Sewer System Outfall Map	4/40/0005	1 4/0/0000
Martin Heft	1/10/2005	1/6/2006
Stormwater Ordinance/Regulatory Mechanism		
- Commence of the control of the con	1/10/2005	1/6/2006
David Campbell		
Stormwater Sampling		
	12/7/2004	12/8/2004
Wade Thomas		
Train Employees		
	1/10/2005	1/6/2006
Construction Site Runoff Con	trol	
Joseph Dillon		
Continue Construction Inspection Program		<u> </u>
	1/9/2004	1/8/2009
Nathan L. Jacobson & Associates Inc.		
Continue Staff Training	1/9/2004	1/8/2009
Information Management System in Place	1/9/2004	1/0/2009
The model was against a special was a specia	1/9/2004	1/8/2009
Maximum Compliance	77072001	170,2000
	1/9/2004	1/9/2009
Martin Heft		
Regulatory Mechanism		
	1/9/2004	1/8/2009
Post-Construction Runoff Con	trol	***************************************
Martin Heft		
Identification of BMPs		
	6/8/2004	1/29/2005
Wade Thomas		
Monitor Stormwater Sampling Results - Improved Water Quality		
	1/10/2005	2/2/2005
Martin Heft Publication of BMPs		
rudication of BMPS	4/40/2005	1/6/2000
Reduced Impervious Areas	1/10/2005	1/6/2006
Toddood Impervious Areas	1/11/2005	1/8/2009
	4 1/1 (/ZVU3 1	いいとしひざ

	1	
	2/3/2005	2/4/2005
Pollution Prevention/Good I	Housekeeping	
Martin Heft		
Develop Pollution Prevention Plan		
	1/10/2005	1/29/2005
Employee Training Materials		
100	1/9/2004	1/8/2009
Incorporation of BMPs into Regulations and the Plan of Development		
NACAS-	1/10/2005	1/8/2009
John Divis		
Information Management System		
	1/9/2004	1/8/2009
Maintenance Program Effectiveness		
	1/9/2004	1/8/2009
Martin Heft		
Maintenance Schedule		
	1/9/2004	1/8/2009
Repair, Retrofit or Upgarde Stormwater Conveyances, Structures and Out	fails	•
	1/9/2004	1/8/2009
Train Employees		
	1/3/2005	1/8/2009
	1	