

MS4 Annual Report Cover Page

MCC form for period ending March 9, 2 0 1 2

**This cover page must be completed by the report preparer.
Joint reports require only one cover page.**

SPDES ID
N Y R 2 0 A 4 1 1

Choose one:

This report is being submitted on behalf of an individual MS4.

Fill in SPDES ID in upper right hand corner.

Name of MS4

T o w n o f B r o o k h a v e n

OR

This report is being submitted on behalf of a Single Entity

(Per Part II.E of GP-0-10-002)

Name of Single Entity

OR

This is a joint report being submitted on behalf of a coalition.

Provide SPDES ID of each permitted MS4 included in this report. Use page 2 if needed.

Name of Coalition

SPDES ID
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MS4 Annual Report Cover Page

MCC form for period ending March 9, 2012

Provide SPDES ID of each permitted MS4 included in this report.

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MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2012

Name of MS4

SPDES ID
N Y R 2 0 A 4 1 1

Section 3 - Partner Information

Did your MS4 work with partners/coalition to complete some or all permit requirements during this reporting period? Yes No

If Yes, complete information below.

Submit a separate sheet for each partner. Information provided in other formats will not be accepted. If your MS4 cooperated with a coalition, submit one sheet with the name of the coalition. It is not necessary to include a separate sheet for each MS4 in the coalition.

If No, proceed to Section 4 - Certification Statement.

Partner/Coalition Name

C o r n e l l C o o p e r a t i v e E x t e n s i o n o f

Partner/Coalition Name (con't.)

S u f f o l k C o u n t y

SPDES Partner ID - If applicable

N Y R 2 0

Address

P O B o x 5 5 4

City

H u n t i n g t o n

State

N Y

Zip

1 1 7 4 3 -

eMail

l b 6 6 @ c o r n e l l . e d u

Phone

(6 3 1) 2 3 9 - 1 8 0 0

Legally Binding Agreement in accordance with GP-0-08-002 Part IV.G.? Yes No

What tasks/responsibilities are shared with this partner (e.g. MM1 School Programs or Multiple Tasks)?

- MM1
- MM2
- MM3 M S 4 m a p p i n g & I D D E
- MM4
- MM5
- MM6

Additional tasks/responsibilities

- Watershed Improvement Strategy Best Management Practices* required for MS4s in impaired watersheds included in GP-0-08-002 Part IX.

27 Shell Fishing Pathogen Impaired Embayments, Peconic estuary nitrogen and pathogens impairment

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 1 2

Name of MS4

SPDES ID
N Y R 2 0 A 4 1 1

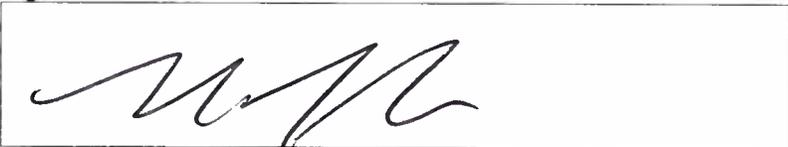
Section 4 - Certification Statement

"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 gathered and evaluated 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, 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."

This form must be signed by either a principal executive officer or ranking elected official, or duly authorized representative of that person as described in GP-0-08-002 Part VI.J.

First Name MI Last Name

Title (Clearly print title of individual signing report)

Signature


Date

Send completed form and any attachments to the DEC Central Office at:

MS4 Permit Coordinator
Division of Water
4th Floor
625 Broadway
Albany, New York 12233-3505

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

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Water Quality Trends

The information in this section is being reported (check one):

- On behalf of an individual MS4
- On behalf of a coalition

How many MS4s are contributed to this report?

1. Has this MS4/Coalition produced any reports documenting water quality trends related to stormwater? If not, answer No and proceed to Minimum Control Measure One.

Yes No

If Yes, choose one of the following

- Report(s) attached to the annual report
- Web Page(s) where report(s) is/are provided below

Please provide specific address of page where report(s) can be accessed - not home page.

URL

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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

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Name of MS4/Coalition

Town of Brookhaven

SPDES ID

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4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To educate as many residents as possible through educational brochures, literature and articles.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Developed outreach tools including: 1 brochure addressing pathogens and nitrogen; 1 fact sheet with manure BMPs; 1 fact sheet for pharmaceuticals as emerging pollutants; and 3 public service announcements on septic system maintenance. Continued programs at Ecology Site (stormwater education), Waste Management (recycling, reduction, proper use of pesticides, pet waste disposal, household hazardous waste disposal), and West Meadow Beach environmental education.

C. How many times was this observation measured or evaluated in this reporting period?

3	9	7
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D. Has your MS4 made progress toward this Measurable Goal during this reporting period? (ex.: samples/participants/events)

Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

To reach additional residents through new outreach efforts such as Public Service Announcements on the Town's cable channel, literature for boaters, continuing programs, and distribution of newly developed literature and media.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

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Name of MS4/Coalition

Town of Brookhaven

SPDES ID

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4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To provide educational materials that inform residents on how to limit/modify behaviors which may result in pollutant-generating activities.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Twenty nine (29) new signs were posted prohibiting littering and advising owners to pick up pet waste. Three (3) Public Service Announcements were broadcast 1,106 times on cable TV regarding septic system maintenance. Thirty (30) fact sheets were distributed on proper disposal of pharmaceuticals.

C. How many times was this observation measured or evaluated in this reporting period?

1	1	5	5
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(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?

Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Additional use of PSAs on cable TV and additional posting of signage to address litter and pet waste.

MS4 Annual Report Form

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Town of Brookhaven

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4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To educate as many residents as possible through outreach and public education programs.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Holtsville Ecology Site programs include educational programs, tours, and a display focused on pollutants entering storm drains, about 12,000 people were reached in the reporting period. Waste Management programs address BMPs for solid waste, fertilizer and pesticide use, pet waste disposal, and household hazardous waste. West Meadow Beach; 391 program participants.

C. How many times was this observation measured or evaluated in this reporting period?

1	2	3	9	1
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(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?
 Yes No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
 Yes No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

To continue programs at West Meadow Beach, the Holtsville Ecology Site and Waste Management; to offer materials at Youth Bureau events when appropriate; to use cable TV to reach additional residents. To educate boaters and to add programs at the Cedar Beach Nature Center if it is opened in the new reporting period.

MS4 Annual Report Form

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Name of MS4/Coalition

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Please provide specific address(es) where notice(s) can be accessed - not home page.

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MS4 Annual Report Form

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Name of MS4/Coalition

SPDES ID

3. Where can the public access copies of this annual report, Stormwater Management Program SWMP) Plan and submit comments on those documents?

Enter address/contact info and select radio button to indicate which document is available and whether comments may be submitted at that location. Submit additional pages as needed.

MS4/Coalition Office Annual Report SWMP Plan Comments

Department
D i v o f E n v i r o n m e n t a l P r o t e c t i o n

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City
F a r m i n g v i l l e N Y

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Library Annual Report SWMP Plan Comments

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Other Annual Report SWMP Plan Comments

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Web Page URL: Annual Report SWMP Plan Comments

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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

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4.a. If this report was made available on the internet, what date was it posted?

Leave blank if this report was not posted on the internet.

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4.b. For how many days was/will this report be posted?

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If submitting a report for single MS4, answer 5.a.. If submitting a joint report, answer 5.b..

5.a. Was an Annual Report public meeting held in this reporting period?

Yes No

If Yes, what was the date of the meeting?

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If No, is one planned?

Yes No

5.b. Was an Annual Report public meeting held for all MS4s contributing to this report during this reporting period?

Yes No

If No, is one planned for each?

Yes No

6. Were comments received during this reporting period?

Yes No

If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.

MS4 Annual Report Form

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Name of MS4/Coalition

Town of Brookhaven

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7. Evaluating Progress Toward Measurable Goals MCM 2

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To recruit citizen volunteers to assist with clean up events, thus preventing debris from entering local waterbodies.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The Great Brookhaven Cleanup: 6,800 volunteers removed over 6 million pounds of litter; the Great Brookhaven Plant-in had 1,500 volunteers installed more than 39,100 plants; at West Meadow Beach there were 208 volunteers for the International Coastal Cleanup; on Earth Day 95 volunteers cleaned the beach.

C. How many times was this observation measured or evaluated in this reporting period?

8	6	0	3
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(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal is to continue these and other volunteer clean up programs and to add new volunteer groups and cleanup sites if possible.

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Name of MS4/Coalition

Town of Brookhaven

SPDES ID

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7. Evaluating Progress Toward Measurable Goals MCM 2

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Provide community drop-off locations for household hazardous waste, recyclables, electronic waste and yard waste.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The Town maintains a drop-off location for household hazardous waste, recyclables, electronic waste and yard waste at its facility on Horseblock Rd in the hamlet of Brookhaven. The Town hosted an e-waste collection day at Town Hall on May 4, 2011. The Town also provides a drop-off site for yard waste and used motor oil at the Ecology Site in Holtsville.

C. How many times was this observation measured or evaluated in this reporting period?

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(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

To continue to provide residents with a permanent drop-off location for household hazardous waste, recyclables, electronic waste and yard waste.

MS4 Annual Report Form

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Name of MS4/Coalition

Town of Brookhaven

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7. Evaluating Progress Toward Measurable Goals MCM 2

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To provide an opportunity for the public to participate in the development of watershed management plans by participating in citizen advisory committees.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The Town held one public meeting for the Forge River and completed a Watershed Management Plan for the Forge River with public input. The Town completed a Draft Carmans River Watershed Protection and Management Plan with extensive public input collected during four public meetings. Approximately 203 people attended at least one of the four meetings.

C. How many times was this observation measured or evaluated in this reporting period?

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(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

To continue work on a Carmans River Watershed Management Plan, to continue development and implementation of watershed management plans in various watersheds within the Town.

MS4 Annual Report Form

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Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N Y R 2 0 A 4 1 1

Minimum Control Measure 3. Illicit Discharge Detection and Elimination

The information in this section is being reported (check one):

- On behalf of an individual MS4
- On behalf of a coalition

How many MS4s contributed to this report? 1

1. Enter the number and approx. percent of outfalls mapped: 2 8 2 1 # 1 0 0 %

2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)? 2 2 1

3.a. What types of generating sites/sewersheds were targeted for inspection during this reporting period?

- Auto Recyclers
- Building Maintenance
- Churches
- Commercial Carwashes
- Commercial Laundry/Dry Cleaners
- Construction Vehicle Washouts
- Cross-Connections
- Distribution Centers
- Food Processing Facilities
- Garbage Truck Washouts
- Hospitals
- Improper RV Waste Disposal
- Industrial Process Water
- Other:
- Landscaping (Irrigation)
- Marinas
- Metal Plateing Operations
- Outdoor Fluid Storage
- Parking Lot Maintenance
- Printing
- Residential Carwashing
- Restaurants
- Schools and Universities
- Septic Maintenance
- Swimming Pools
- Vehicle Fueling
- Vehicle Maint./Repair Shops
- None

R e s i d e n t i a l a n d m u n i c i p a l

Sewersheds:

[Empty grid for Sewersheds]

MS4 Annual Report Form

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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12. Evaluating Progress Toward Measurable Goals MCM 3

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To map stormwater structures and to map the conveyances in select sub-watersheds.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

100% of the structures and conveyances were mapped within the Carmans River watershed. The project mapped 2,821 structures and 760 pipe sections.

C. How many times was this observation measured or evaluated in this reporting period?

3	5	8	1
---	---	---	---

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal is to continue mapping using a watershed approach. During the next reporting period the south shore watersheds will be mapped. Brookhaven has also undertaken a dry weather flow monitoring project using DNA analysis.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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Minimum Control Measures 4 and 5.
Construction Site and Post-Construction Control

The information in this section is being reported (check one):

- On behalf of an individual MS4
 On behalf of a coalition

How many MS4s contributed to this report?

		1
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1a. Has each MS4 contributing to this report adopted a law, ordinance or other regulatory mechanism that provides equivalent protection to the NYS SPDES General Permit for Stormwater Discharges from Construction Activities? Yes No

1b. Has each Town, City and/or Village contributing to this report documented that the law is equivalent to a NYSDEC Sample Local Law for Stormwater Management and Erosion and Sediment Control through either an attorney certification or using the NYSDEC Gap Analysis Workbook? Yes No NT

If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law.

09/2004 03/2006 NT

2. Does your MS4/Coalition have a SWPPP review procedure in place? Yes No

3. How many Construction Stormwater Pollution Prevention Plans (SWPPPs) have been reviewed in this reporting period?

--	--	--

4. Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs? Yes No NT

If Yes, how many public comments were received during this reporting period?

--	--	--

5. Does your MS4/Coalition provide education and training for contractors about the local SWPPP process? Yes No

6. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:

- Notices of Violation #

				4
--	--	--	--	---

 No Authority
- Stop Work Orders #

				0
--	--	--	--	---

 No Authority
- Criminal Actions #

				0
--	--	--	--	---

 No Authority
- Termination of Contracts #

				0
--	--	--	--	---

 No Authority
- Administrative Fines #

				0
--	--	--	--	---

 No Authority
- Civil Penalties #

				1
--	--	--	--	---

 No Authority
- Administrative Orders #

				0
--	--	--	--	---

 No Authority
- Enforcement Actions or Sanctions #

				0
--	--	--	--	---
- Other #

				1
--	--	--	--	---

 No Authority

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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Minimum Control Measure 4. Construction Site Stormwater Runoff Control

The information in this section is being reported (check one):

- On behalf of an individual MS4
- On behalf of a coalition

How many MS4s contributed to this report?

		1
--	--	---

1. How many construction projects have been authorized for disturbances of one acre or more during this reporting period?

		9
--	--	---

 2. How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period?

		5
--	--	---

 3. What percent of active construction sites were inspected during this reporting period? NT

	9	0
--	---	---

 %

 4. What percent of active construction sites were inspected more than once? NT

	9	0
--	---	---

 %

 5. Do all inspectors working on behalf of the MS4s contributing to this report use the NYS Construction Stormwater Inspection Manual? Yes No NT

 6. Does your MS4/Coalition provide public access to Stormwater Pollution Prevention Plans (SWPPPs) of construction projects that are subject to MS4 review and approval? Yes No NT
- If your MS4 is Non-Traditional, are SWPPPs of construction projects made available for public review? Yes No

If Yes, use the following page to identify location(s) where SWPPPs can be accessed.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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7. Evaluating Progress Toward Measurable Goals MCM 4

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To have site plan and sub-division review procedures for construction sites and to review 100% of the submitted SWPPP applications.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The Town has site plan and review procedures in place that take into account all SWPPP requirements. 18 SWPPPs were submitted during this reporting period, 9 were approved, 5 are active sites. One site was accidentally omitted from inspection.

C. How many times was this observation measured or evaluated in this reporting period?

		1	8
--	--	---	---

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

To continue to review all submitted SWPPPs.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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7. Evaluating Progress Toward Measurable Goals MCM 4

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To educate construction site owners and operators on BMPs for erosion and sediment control; and to provide contractor education regarding SWPPP process and procedures.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

PELM staff work with construction site owners and operators to educate them regarding SWPPPs and BMPs. Staff handles approximately 5 requests for information on stormwater related issues per week. The Town distributes educational brochures at the Planning Department counter regarding SWPPPs and BMPs for construction sites, and the brochure is on the Town's stormwater web page (546 hits).

C. How many times was this observation measured or evaluated in this reporting period?

1	8	0	6
---	---	---	---

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?
 Yes No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
 Yes No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

To continue current efforts and to organize and host a one day training session to educate construction site owners, operators and contractors regarding stormwater BMPs and regulations.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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7. Evaluating Progress Toward Measurable Goals MCM 4

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To provide staff training on current green infrastructure techniques and requirements.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Six staff members attended a webinar on February 29, 2012 produced by the Center for Watershed Protection on stormwater retrofitting. Two staff members attended an education session on state of the art denitrifying septic systems. Two staff members attended a seminar on geosynthetics for erosion prevention and modular stormwater solutions on February 1, 2012.

C. How many times was this observation measured or evaluated in this reporting period?

		1	0
--	--	---	---

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?
 Yes No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
 Yes No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

To engage in continuing education regarding green infrastructure techniques and requirements.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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4a. Are the MS4s contributing to this report involved in a regional/watershed wide planning effort?
 Yes No

4b. Does the MS4 have a banking and credit system for stormwater management practices?
 Yes No

4c. Do the SWMP Plans for each MS4 contributing to this report include a protocol for evaluation and approval of banking and credit of alternative siting of a stormwater management practice?
 Yes No

4d. How many stormwater management practices have been implemented as part of this system in this reporting period?

		0
--	--	---

5. What percent of municipal officials/MS4 staff responsible for program implementation attended training on Low Impace Development (LID), Better Site Design (BSD) and other Green Infrastructure principles in this reporting period?

		6
--	--	---

 %

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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6. Evaluating Progress Toward Measurable Goals MCM 5

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To conduct as many stormwater retrofit projects as possible using leaching basins, retention basins and proprietary products such as Vortec units.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

In the current reporting period seven (7) retrofit projects were completed.

C. How many times was this observation measured or evaluated in this reporting period?

			7
--	--	--	---

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

To continue the retrofit program, increasing green infrastructure and practices where feasible.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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6. Evaluating Progress Toward Measurable Goals MCM 5

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To use the Town permitting process to require property owners to manage and contain runoff on site.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The Town issued approximately 187 wetlands permits in this reporting period. The permits are required of all properties within 150' of surface waters or wetlands and requires that all runoff be retained on site through the use of dry wells to capture roof runoff, driveway runoff and pool filter backwash water.

C. How many times was this observation measured or evaluated in this reporting period?

1	8	7
---	---	---

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

To continue to use the Town's permitting process to regulate properties within 150' of surface waters or wetlands; and as part of this process to require all stormwater runoff to be contained on site.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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6. Evaluating Progress Toward Measurable Goals MCM 5

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To acquire property in sensitive areas which will reduce/prevent the direct discharge of stormwater into surface waters.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

In the reporting period the Town closed on 254.60 acres for preservation. Of the 254.60 acres 103.97 acres were in sensitive watershed areas. Expenditures for these open space parcels totalled \$39,760,665; Suffolk County provided \$13,751,060 of the total.

C. How many times was this observation measured or evaluated in this reporting period?

2	5	5
---	---	---

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

To continue to acquire and preserve sensitive lands within the Town.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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Minimum Control Measure 6. Stormwater Management for Municipal Operations

The information in this section is being reported (check one):

- On behalf of an individual MS4
- On behalf of a coalition

How many MS4s contributed to this report?

		1
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1. Choose/list each municipal operation/facility that contributes or may potentially contribute Pollutants of Concern to the MS4 system. For each operation/facility indicate whether the operation/facility has been addressed in the MS4's/Coalition's Stormwater Management Program(SWMP) Plan and whether a self-assessment has been performed during the reporting period. A self-assessment is performed to: 1) determine the sources of pollutants potentially generated by the permittee's operations and facilities; 2) evaluate the effectiveness of existing programs and 3) identify the municipal operations and facilities that will be addressed by the pollution prevention and good housekeeping program, if it's not done already.

<u>Operation/Activity/Facility</u>	<u>Addressed in SWMP?</u>		<u>Self-Assessment Operation/Activity/Facility performed within the past 3 years?</u>	
	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Street Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Bridge Maintenance.....	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Winter Road Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Salt Storage.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Solid Waste Management.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
New Municipal Construction and Land Disturbance..	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Right of Way Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Marine Operations.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Hydrologic Habitat Modification.....	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Parks and Open Space.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Municipal Building.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Stormwater System Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Vehicle and Fleet Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Other.....	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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2. Provide the following information about municipal operations good housekeeping programs:

- Parking Lots Swept (Number of acres X Number of times swept) # Acres

4	0	0	0
---	---	---	---
- Streets Swept (Number of miles X Number of times swept) # Miles

2	0	0	0
---	---	---	---
- Catch Basins Inspected and Cleaned Where Necessary #

1	8	0	7
---	---	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #

		1	4	4
--	--	---	---	---
- Phosphorus Applied In Chemical Fertilizer # Lbs.

			7	2
--	--	--	---	---
- Nitrogen Applied In Chemical Fertilizer # Lbs.

		2	2	6
--	--	---	---	---
- Pesticide/Herbicide Applied # Acres

			0	.	
--	--	--	---	---	--

(Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.)

3. How many stormwater management trainings have been provided to municipal employees during this reporting period?

				3
--	--	--	--	---

4. What was the date of the last training?

0	3	/	0	1	/	2	0	1	2
---	---	---	---	---	---	---	---	---	---

5. How many municipal employees have been trained in this reporting period?

1	2	7
---	---	---

6. What percent of municipal employees in relevant positions and departments receive stormwater management training?

	5	2	%
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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To evaluate a number of highway facilities to determine if BMPs are being properly implemented, therefore minimizing the potential that pollutants will find their way into local water bodies.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

A draft SWPPP for five Highway Yards was developed. An stormwater self-assessment of all Town facilities was initiated and will be completed by April 1, 2012.

C. How many times was this observation measured or evaluated in this reporting period?

			5
--	--	--	---

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

To implement the SWPPP for five (5) Highway Yards and to incorporate as many recommended BMPs from the Stormwater self-assessment of all Town facilities as is feasible.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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Additional Watershed Improvement Strategy Best Management Practices

The information in this section is being reported (check one):

- On behalf of an individual MS4
- On behalf of a coalition

How many MS4s contributed to this report? 1

MS4s must answer the questions or check NA as indicated in the table below.

MS4 Description	Answer	Check NA	(POC)
NYC EOH Watershed			
Traditional Land Use	1,2,3,4,5,6,7a-d,8a,8b,9	10,11,12	Phosphorus
Traditional Non-Land Use	1,2,3,4,7a-d,8a,8b,9	5,10,11,12	Phosphorus
Non-Traditional	1,2,77a-d,8a,8b,9	3,4,5,10,11,12	Phosphorus
Onondaga Lake Watershed			
Traditional Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Non-Traditional	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Greenwood Lake Watershed			
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Oyster Bay			
Traditional Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Non-Traditional	1,4,7a-d,9	2,3,4,5,8a,8b,10,11,12	Pathogens
Peconic Estuary			
Traditional Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Traditional Non-Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Non-Traditional	1,4,7a-d,8a,9	2,3,4,5,8b,10,11,12	Pathogens and Nitrogen
Oscawana Lake Watershed			
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
LI 27 Embayments			
Traditional Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Non-Traditional	1,2,3,4,7a-d,9	5,6,8a,8b,10,11,12	Pathogens

1. Does your MS4/Coalition have an education program addressing impacts of phosphorus/nitrogen/pathogens on waterbodies? Yes No N/A

2. Has 100% of the MS4/Coalition conveyance system been mapped in GIS? Yes No N/A

If N/A, go to question 3.

If No, estimate what percentage of the conveyance system has been mapped so far. 4 5 %

Estimate what percentage was mapped in this reporting period. 1 5 %

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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3. Does your MS4/Coalition have a Stormwater Conveyance System (infrastructure) Inspection and Maintenance Plan Program? Yes No N/A

4. Estimate the percentage of on-site wastewater treatment systems that have been inspected and maintained or rehabilitated as necessary in this reporting period?

		0
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 %

5. Has your MS4/Coalition developed a program that provides protection equivalent to the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP-0-08-001) to reduce pollutants in stormwater runoff from construction activities that disturb five thousand square feet or more? Yes No N/A

6. Has your MS4/Coalition developed a program to address post-construction stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre that provides equivalent protection to the NYS DEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP-0-08-001), including the New York State Stormwater Design Manual Enhanced Phosphorus Removal Standards? Yes No N/A

7a. Does your MS4/Coalition have a retrofitting program to reduce erosion or phosphorus/nitrogen/pathogen loading? Yes No N/A

7b. How many projects have been sited in this reporting period?

		8
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7c. What percent of the projects included in 7b have been completed in this reporting period?

	1	3
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 %

7d. What percent of projects planned in previous years have been completed?

	4	0
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 %

No Projects Planned

8a. Has your MS4/Coalition developed and implemented a turf management practices and procedures policy that addresses proper fertilizer application on municipally owned lands? Yes No N/A

8b. Has your MS4/Coalition developed and implemented a turf management practices and procedures policy that addresses proper disposal of grass clippings and leaves from municipally owned lands? Yes No N/A

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

2	0	1	2
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Brookhaven

SPDES ID

N	Y	R	2	0	A	4	1	1
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- 9. Has your MS4/Coalition developed and implemented a program of native planting?
 Yes No N/A

- 10. Has your MS4/Coalition enacted a local law prohibiting pet waste on municipal properties and prohibiting goose feeding?
 Yes No N/A

- 11. Does your MS4/Coalition have a pet waste bag program?
 Yes No N/A

- 12. Does your MS4/Coalition have a program to manage goose populations?
 Yes No N/A