

MS4 Phase II Stormwater Regulations

NASSAU COUNTY ANNUAL REPORT



Nassau County
Department Of Public Works



March 10, 2018 - March 9, 2019

MS4 Annual Report Cover Page

MCC form for period ending March 9,

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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, 2 0 1 9

Name of MS4

SPDES ID
N Y R 2 0 A 0 2 2

Section 2 - Contact Information

Important Instructions - Please Read

Contact information must be provided for each of the following positions as indicated below:

1. Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
2. Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form)
3. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c & Part VIII.A.2.c).
4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
5. Report Preparer (Consultants may provide company name in the space provided).

A separate sheet must be submitted for each position listed above unless more than one position is filled by the same individual. If one individual fills multiple roles, provide the contact information once and check all positions that apply to that individual.

If a new Duly Authorized Representative is signing this report, their contact information must be provided and a signature authorization form, signed by the Principal Executive Officer or Chief Elected Official must be attached.

For each contact, select all that apply:

- Principal Executive Officer/Chief Elected Official
- Duly Authorized Representative
- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

First Name MI Last Name

Title

Address

City State Zip

eMail

Phone County

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MCC form for period ending March 9, 2017

Name of MS4

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First Name MI Last Name

Title

Address

City State Zip

eMail

Phone County

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MCC form for period ending March 9, 2019

Name of MS4

SPDES ID
N Y R 2 0 A

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
M a n h a s s e t B a y P r o t e c t i o n C o m m i t t e e

Partner/Coalition Name (con't.)
e
SPDES Partner ID - If applicable
N A

Address
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City State Zip
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eMail
m b p c E x e c @ g m a i l . c o m

Phone
(5 1 6) 8 6 9 - 7 9 8 3

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 M u l t i p l e T a s k s
- MM2 M u l t i p l e T a s k s
- MM3 W a t e r q u a l i t y m o n i t o r i n g o t h e r
- MM4 E d u c a t i o n m o n i t o r i n g f o r r u n o f
- MM5 E d u c a t i o n m o n i t o r i n g f o r r u n o f
- MM6 E d u c a t i o n

Additional tasks/responsibilities

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

Education and literature on stormwater runoff, watersheds, pet waste, pathogens, water fowl, Onsite Wastewater Treatment Systems

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

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							
N	Y	R	2	0			

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

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Name of MS4/Coalition

SPDES ID table with values N, Y, R, 2, 0

Minimum Control Measure 1. Public Education and Outreach

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. Targeted Public Education and Outreach Best Management Practices

Check all topics that were included in Education and Outreach during this reporting period:

- Construction Sites
General Stormwater Management Information
Household Hazardous Waste Disposal
Illicit Discharge Detection and Elimination
Infrastructure Maintenance
Smart Growth
Storm Drain Marking
Green Infrastructure/Better Site Design/Low Impact Development
Other:
Pesticide and Fertilizer Application
Pet Waste Management
Recycling
Riparian Corridor Protection/Restoration
Trash Management
Vehicle Washing
Water Conservation
Wetland Protection
None

Other: septic maintenance boat pump out

2. Specific audiences targeted during this reporting period:

- Public Employees
Contractors
Residential
Developers
Businesses
General Public
Restaurants
Industries
Other:
Agricultural

Other: students boaters homeowners

MS4 Annual Report Form

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

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Name of MS4/Coalition:

SPDES ID

N	Y	R	2	0				
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3. What strategies did your MS4/Coalition use to achieve education and outreach goals during this reporting period? Check all that apply:

- | | | | | | | | |
|--|---------------------|--|---|---|---|---|---|
| <input type="radio"/> Construction Site Operators Trained | # Trained | <table border="1" style="width: 100%; height: 20px;"></table> | | | | | |
| <input type="radio"/> Direct Mailings | # Mailings | <table border="1" style="width: 100%; height: 20px;"></table> | | | | | |
| <input type="radio"/> Kiosks or Other Displays | # Locations | <table border="1" style="width: 100%; height: 20px;"></table> | | | | | |
| <input checked="" type="radio"/> List-Serves | # In List | <table border="1" style="width: 100%; height: 20px;"><tr><td></td><td></td><td></td><td>8</td><td>6</td></tr></table> | | | | 8 | 6 |
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| <input type="radio"/> Mailing List | # In List | <table border="1" style="width: 100%; height: 20px;"></table> | | | | | |
| <input checked="" type="radio"/> Newspaper Ads or Articles | # Days Run | <table border="1" style="width: 100%; height: 20px;"><tr><td></td><td></td><td>2</td><td>3</td></tr></table> | | | 2 | 3 | |
| | | 2 | 3 | | | | |
| <input checked="" type="radio"/> Public Events/Presentations | # Attendees | <table border="1" style="width: 100%; height: 20px;"><tr><td>2</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table> | 2 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | | | |
| <input type="radio"/> School Program | # Attendees | <table border="1" style="width: 100%; height: 20px;"></table> | | | | | |
| <input type="radio"/> TV Spot/Program | # Days Run | <table border="1" style="width: 100%; height: 20px;"></table> | | | | | |
| <input checked="" type="radio"/> Printed Materials: | Total # Distributed | <table border="1" style="width: 100%; height: 20px;"><tr><td></td><td></td><td>7</td><td>5</td><td>0</td></tr></table> | | | 7 | 5 | 0 |
| | | 7 | 5 | 0 | | | |

Locations (e.g. libraries, town offices, kiosks)

Y	O	U	R		O	F	F	I	C	E										
H	a	r	b	o	r	F	e	s	t											

Other:

P	r	e	s	e	n	t	a	t	i	o	n	s								
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Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

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MS4 Annual Report Form

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Name of MS4/Coalition

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**MANHASSET BAY PROTECTION COMMITTEE
THIRD PARTY CERTIFICATION STATEMENT**

*Pursuant to
Permit # GP-0-15-003 pg. 18 Part IV.G Reliance Upon Third Parties*

In furtherance of the purposes set forth in the Manhasset Bay Protection Committee ("COMMITTEE") Inter-Municipal Agreement of 2015, the COMMITTEE shall undertake, to the extent practicable, the following activities on behalf of its member municipalities within their collective jurisdictions in order to assist in the fulfillment of NYS Phase II regulations (New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (GP-0-15-003) provided that annual member dues and applied for grant funds (where applicable) are received:

Scope of Work:

Activities and Deliverables **may include, but are not limited to** the following:

Minimum Control Measure # 1 (Public Education and Outreach):

Prepare and conduct a public education and outreach program including the preparation of brochures and promotional give-aways, portable displays, presentations to community, business, educational, and/or stakeholder organizations, targeted mailings, press releases, articles for publication, an informational website, social media page, and educational signage.

Minimum Control Measure # 2 (Public Involvement and Education):

Conduct public meetings for members of the public and stakeholders at critical junctures on major projects, develop and maintain e-mailing and postal mailing lists to keep the public apprised and involved in projects undertaken by the COMMITTEE, organize and assist in beach cleanups and wetland plantings to the extent possible, conduct attitude and awareness surveys, maintain and foster inter-relationships with community organizations, business organizations, recreation organizations, educational institutions, environmental organizations, and various levels of government.

Minimum Control Measure # 3 (Illicit Discharge Detection and Elimination):

Conduct water quality monitoring to document trends and detect unexpected changes in water quality, record and report observations of identified or suspected illicit discharges to appropriate agencies, assist in and help coordinate responses to identified or suspected illicit discharges, and assist in the maintenance and updating of the county's storm drain GIS mapping system.

Minimum Control Measure # 4 (Construction Site Stormwater Runoff Control):

Assist member municipalities in identifying available construction site stormwater runoff control measures, requirements and procedures, and report any observed instances of stormwater runoff from construction sites to the member municipality and/or appropriate agency or agencies.

Minimum Control Measure # 5 (Post Construction Stormwater Management):

Assist member municipalities in identifying available post construction stormwater management control measures, requirements and procedures, and report any observed instances of post construction to the member municipality and/or appropriate agency or agencies.

Minimum Control Measure # 6 (Pollution Prevention / Good Housekeeping):

Assist member municipalities in identifying available pollution prevention / good housekeeping practices including, but not limited to information on pet waste management, Canada Goose control, household hazardous waste programs, and recycling programs.

Contracted Entity Certification Statement:

The Manhasset Bay Protection Committee understands that its member municipalities must comply with the requirements of New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (GP-0-15-003) and any successor permit, and that it is unlawful for any person to directly or indirectly cause or contribute to a violation of water quality standards. The Committee agrees to provide, to the extent practicable, the above-described services on behalf of its member municipalities in order to assist them in the fulfillment of New York State Municipal Phase II requirements provided that annual member dues are received.



Signature

28 March 2019

Date

Sarah Deonarine

Name

Executive Director

Title

Manhasset Bay Protection Committee

The Manhasset Bay Protection Committee is an inter-municipal organization focused on addressing water quality and coastal issues with a coordinated, watershed-level approach. The Committee has 15 member municipalities who all voluntarily entered into an inter-municipal agreement. The Committee is funded through annual dues from these members.

The Committee's goals are to protect, restore, and enhance Manhasset Bay so as to insure a healthy and diverse marine ecosystem while balancing and maintaining recreational and commercial uses.



Photo credit: Jennifer Wilson-Pines

What you can do

- Clean up after pets.
- Never put anything down a storm drain.
- Know where it goes: sewer or cesspool.
- Dispose of grease, "flushables," and chemicals properly, not down drains.
- Visit northhempstead.com/STOPprogram or call 311 to get the dates of hazardous material collections.
- Don't feed geese or ducks.
- Use a mulching mower to leave grass clippings and naturally fertilize.
- Volunteer – e-mail for more information



The County of Nassau • The Town of North Hempstead
The Villages of: Baxter Estates • Flower Hill • Great Neck
Kensington • Kings Point • Manorhaven • Munsey Park
Plandome • Plandome Heights • Plandome Manor
Port Washington North • Sands Point • Thomaston

Watershed

A watershed is an area of land that drains to a specific water body. The Manhasset Bay watershed, entirely within the Town of North Hempstead, is 10,000 acres of neighborhoods, village centers, industrial areas, and other uses whose surface and groundwater drains to the Bay.



Stormwater is any precipitation (rain, snow melt) that travels across the ground and is not absorbed by soil. As it travels, stormwater picks up pollution (e.g., bacteria from pet and bird waste, nutrients from fertilizers, and petroleum products from roads). It then travels untreated directly to Manhasset Bay.

For more information, visit:

manhassetbayprotectioncommittee.org



Please send comments, questions, etc.
mbpcExec@gmail.com • 516-869-7983



www.facebook.com/manhassetbay/

The Manhasset Bay Protection Committee reminds you:

DO NOT FEED GEESE



J. Wilson-Pines

Feeding geese food (such as bread) can cause:

- A painful and debilitating vitamin-deficiency disease called Angel Wing
- Over-population
- Nesting in areas that interfere with humans and/or are dangerous for the birds

One goose can produce up to 2 lbs. of feces per day!



- Excessive bird droppings which are a source of pollution (both bacteria and nutrients) to Manhasset Bay causing swimming closures
- Bird feces interfering with the use of athletic fields and other locations
- Birds learning not to fear humans, causing a possibly dangerous situation
- Aggressiveness
- An increased risk of vehicle/goose and aircraft/goose collisions
- Erosion leading to filling-in of the Bay

For more information, visit:

manhassetbayprotectioncommittee.org/geese.htm



Please send comments, questions, etc.
mbpcExec@gmail.com • 516-869-7983



www.facebook.com/manhassetbay/

WHAT CAN BE DONE

To control nuisance goose populations

What you can do:

- Do not feed or leave out food for geese or other waterfowl and tell others to do the same
- Allow grass to grow tall along waterways: geese prefer to walk to water and will move away in search of areas with shorter grass
- Support local geese control programs



Photo Credit: Jake E

Resident Canada Geese do not migrate, instead staying local year-round.

Resident Canada Goose facts:

- One goose can produce up to 2 pounds of feces per day
- A goose can eat up to 4 pounds of grass per day
- The population increases at a rate of 10-17% each year with one goose laying an average of 6 eggs per nest
- Resident Canada Geese have a life span of up to 25 years
- They were introduced by humans in the early 1900s.

The Manhasset Bay Protection Committee is an inter-municipal organization aimed at addressing water quality and coastal issues in Manhasset Bay with a coordinated, watershed-level approach.



MANHASSET BAY PROTECTION COMMITTEE

Phase II Activities Undertaken

On Behalf of Member Municipalities

March 10, 2018 to March 9, 2019 Permit Year

MCM # 1 – Public Education and Outreach

Distributing educational materials and performing outreach to inform citizens about the impacts polluted stormwater runoff discharges can have on water quality.

- Continued a quarterly e-newsletter and grew the distribution list from 39 to 89 recipients. A link to sign-up is posted on the Committee's website and on the Facebook page. Four newsletters were released in this reporting period:
 - March 2018: <https://mailchi.mp/6f82d2d4d7d7/manhasset-bay-protection-committee-newsletter-101937>
 - Summer 2018: <https://mailchi.mp/3cc357f1213a/mbpc-summer-2018-newsletter>
 - Fall 2018: <https://mailchi.mp/fc34472d4c96/fall-2018-newsletter>
 - Winter 2019: <https://mailchi.mp/5b1087333246/winter-2019-newsletter>
- Developed and printed two new educational brochures:
 - "About Us" which has information on the Committee, watersheds, and stormwater pollution
 - "Bird education" which contained warnings to not feed geese, why it is harmful, and what you can do.
- Grew the Committee's Facebook presence (<https://www.facebook.com/manhassetbay/>) and participated in a social media campaign run this past summer by the Long Island Sound Study and the member organizations of its Citizens Advisory Committee, including the Manhasset Bay Protection Committee, which highlighted the problem of plastic waste to wildlife and water quality in Long Island Sound and the oceans. The campaign, with the hashtag #DontTrashLIS, also included educational stickers to put on reusable water bottles with the call to "Ditch Single Use Plastics." This stickers have been and will continue to be distributed by the Committee.
- Manhasset Bay and/or the Protection Committee were the subject of over 20 news articles published during the reporting period. The list of news articles is attached.
- Added a "Don't Feed the Geese" web page about nuisance geese to the Committee's website (<http://www.manhassetbayprotectioncommittee.org/geese.htm>)
- Staffed an informational table with a watershed model and kids activities at the Port Washington HarborFest (June 3, 2018).
- Kept members apprised of updates and the existence of the Army Corps' *New York New Jersey Harbor and Tributaries Focus Area Coastal Storm Risk Management Feasibility Study*, portions of which could have serious deleterious effects on Manhasset Bay and the surrounding communities and Long Island Sound if constructed.
- Distributed approx. 200 fliers through the Port Washington Business Improvement District's (BID) goodie bags to transient boaters over summer 2018.
- Provided informational brochures about not feeding water fowl for the Town of North Hempstead's summer concert series.
- Began planning an upcoming joint protection committee meeting (public) with the Hempstead Harbor, Oyster Bay/Cold Spring Harbor Protection Committees, and Peconic

Estuary Protection Committee, the Setauket Harbor Task Force, and Friends of the Bay to be held May 16, 2019 at the Friends of the Bay offices in Oyster Bay.

- Continued participating with Hempstead Harbor Protection Committee (PC), Oyster Bay/ Cold Spring Harbor PC, Town of Oyster Bay, and Friends of the Bay in CESSPOOL project to raise public awareness of the impact of onsite waste treatment systems (Coordinated Environmental Solutions to Septic Problems Occurring On Long Island). The CESSPOOL partners have been maintaining a website and Facebook page, and pushing for stronger legislation to protect Long Island surface waters from on-site wastewater pollution.
- Planned and held a 20th Anniversary Celebration of the Manhasset Bay Protection Committee in June 2018, which was well attended and included an honor given to Comptroller Thomas DiNapoli who started the Committee. The celebration included a boat tour of Manhasset Bay for municipal officials and helped raise awareness of Manhasset Bay and the Committee.
- Forwarded numerous newspaper articles in weekly and daily papers to municipal representatives and others on water quality issues important to Manhasset Bay.
- Responded to questions from both member municipalities and the public about the MS4 program, where stormwater pollution comes from, why does the Bay smell, and other inquiries
- Installed a replacement coastal interpretive educational sign for one vandalized in Sunset Park, Port Washington.
- Distributed educational brochures about stormwater pollution, organic gardening, impacts of pet feces on water quality, water conservation, clean boating, storm drain markings, and other water quality related topics.
- Kept the municipalities up-to-date on trainings and other local happenings (i.e., upgrades to the local Water Pollution Control District).

MCM #2 – Public Participation

Providing opportunities for citizens to participate in program development and implementation, including effectively publicizing public hearings and/or encouraging citizen representatives on a stormwater management panel.

- Held six (6) Manhasset Bay Protection Committee meetings (open to the public)
- Organized the annual Ocean Conservancy beach cleanup at Manorhaven Beach Town Park on September 29, 2018. 25 volunteers (adults, teens, and kids) picked up an estimated 200 pounds of trash. Two articles on the event were published in The Island Now (see attached reference list).
- Assisted in a volunteer tidal wetland planting with the Town of North Hempstead, Nassau County Soil and Water Conservation District, and the Hempstead Harbor Protection Committee in Port Washington (Mill Pond) in early May 2018. Over 2,000 plants were planted in roughly a 100 square foot area.
- Co-wrote letter in the *Port Washington News* in response to another letter about the tidal wetland planting in Mill Pond.
- Kept members apprised of updates and the existence of the Army Corps' *New York New Jersey Harbor and Tributaries Focus Area Coastal Storm Risk Management Feasibility Study*, portions of which could have serious deleterious effects on Manhasset Bay and the surrounding communities and Long Island Sound if constructed.
- Prepared and submitted a comment letter to the Army Corps' on said Feasibility Study.

- Participated in a public scoping meeting about the Army Corps Feasibility Study, coordinated by Congressman Tom Suozzi, at Kings Point in October 2018.
- Gave testimony at a State Assembly Hearing on Long Island Sound water quality held in Manhasset in August 2018.
- Served as the member representative for the Committee on the Long Island Nitrogen Action Plan's (LINAP) Nassau County Subwatershed Planning Advisory work group. Attended meetings and provided important updates to the municipalities.
- Continued to provide representation to the Long Island Sound Study (LISS) Citizens Advisory Committee and the LISS Management Committee Watersheds and Embayments work group. In that role, continued work to establish water quality monitoring of embayments as a priority and to develop a mechanism for regular (non-grant) funding to support monitoring efforts.
- Member of the Town of North Hempstead Waterfront Advisory Committee
- Purchased a handheld probe to expand the water quality monitoring program.
- Participated in Residents Forward's Youth Climate Summit on Saturday, April 28, 2018 at the Port Washington Public Library. Students ranged from 8th grade to seniors and came from the schools around Manhasset Bay, mostly.
- Planned and held a 20th Anniversary Celebration of the Manhasset Bay Protection Committee in June 2018, which was well attended and included an honor given to Comptroller Thomas DiNapoli who started the Committee. The celebration included a boat tour of Manhasset Bay for municipal officials and helped raise awareness of Manhasset Bay and the Committee.
- Began assisting Nassau County in preparation for their roll-out of the State-funded Septic Replacement Program.
- Volunteered as a judge at the Envirothon competition for Long Island high school students on April 25, 2018.
- Began planning an upcoming joint protection committee meeting (public) with the Hempstead Harbor, Oyster Bay/Cold Spring Harbor Protection Committees, and Peconic Estuary Protection Committee, the Setauket Harbor Task Force, and Friends of the Bay to be held May 16, 2019 at the Friends of the Bay offices in Oyster Bay.
- Provided input from a water quality standpoint to the Town of North Hempstead on changes to their waterfront zone.
- Distributed information on the Great Neck and Port Washington Water Pollution Control Districts' *Shed the Meds* collection programs and the Town of North Hempstead's STOP programs throughout the reporting period.
- Monitored changes in regulations and advised member municipalities, including NYSDEC's proposed permit and reporting changes, making sure members were aware of public comment periods. This also included updating municipalities on the Shellfish Pathogen TMDLs' rescissions.

MCM # 3 – Illicit Discharge Detection and Elimination

Developing and implementing a plan to detect and eliminate illicit discharges to the storm sewer system (includes developing a system map and informing the community about hazards associated with illegal discharges and improper disposal of waste).

- Conducted a weekly water quality monitoring program (May through August) with North Hempstead Bay Constables and Nassau County Dept. of Health.

- Continued the CESSPOOL project to raise public awareness of the impact of onsite waste treatment systems (Coordinated Environmental Solutions to Septic Problems Occurring On Long Island). Proper maintenance of septic systems may reduce the incentive for homeowners and others to install illicit discharges to handle overflows.
- Included removing illegal downspout hook-ups as a “What You Can Do” tip on several newsletters and other publications.

MCM # 4 – Construction Site Runoff Control

Developing, implementing, and enforcing an erosion and sediment control program for construction activities that disturb 1 or more acres of land (controls could include silt fences and temporary stormwater detention ponds).

- Forwarded information to Phase II contacts about NYSDEC Erosion & Sediment Control Training held locally throughout the year.
- Monitored changes in regulations and advised member municipalities, including EPA’s proposed regulatory changes and NYSDEC’s proposed permit and reporting changes
- Bay constables watched for unusual discharges or conditions while conducting weekly water quality monitoring

MC # 5 – Post Construction Runoff Control

Developing, implementing, and enforcing a program to address discharges of post-construction stormwater runoff from new development and redevelopment areas. Applicable controls could include preventative actions such as protecting sensitive areas (e.g., wetlands) or the use of structural BMPs such as grassed swales or porous pavement.

- Forwarded information to Phase II contacts about NYSDEC Erosion & Sediment Control Training held locally throughout the year.
- Monitored changes in regulations and advised member municipalities, including EPA’s proposed regulatory changes and NYSDEC’s proposed permit and reporting changes
- Watched for unusual discharges or conditions while conducting weekly water quality monitoring (summer)

MCM # 6 – Good Housekeeping

Developing and implementing a program with the goal of preventing or reducing pollutant runoff from municipal operations. The program must include municipal staff training on pollution prevention measures and techniques (e.g., regular street sweeping, reduction in the use of pesticides or street salt, or frequent catch-basin cleaning).

- Committee members have shared information on which good housekeeping practices work through Committee meetings as well as changes to their good housekeeping programs.
- Forwarded information to Phase II contacts about NYSDEC Erosion & Sediment Control Training held locally throughout the year.

FUTURE PLANS

- Install a Seabin, floating trash receptacle, at Town Dock to collect floating liter and debris. The Committee has teamed up with the Nassau County Soil and Water Conservation District, Hofstra University, and Residents Forward to facilitate volunteer

opportunities, use citizen science to catalog what is collected, and will also be preparing educational materials.

- Continue the quarterly e-newsletter, educational presentations, and distributing brochures.
- Hire a web designer (BlueHost) and update the Committee website to make it more cohesive and user-friendly.
- Expand our educational brochure distribution through the Port Washington BID and also include information for new homeowners.
- Begin the development of a new Water Quality Improvement Plan for Manhasset Bay utilizing State and Committee funds.

Manhasset Bay Protection Committee News Articles

ForMS4 Reporting Year March 10, 2018 – March 9, 2019

20th Anniversary

Dijkstra, K. (2018, June 21). Manhasset Bay Protection Committee Turns 20. *Port Washington News*. Retrieved from: <http://portwashington-news.com/manhasset-bay-protection-committee-turns-20/>

Water Quality

Report

Brooks, K.J. (2018, April 30). “Manhasset Bay is clean, safe for swimmers, water study says. *Newsday*. Retrieved from: <https://www.newsday.com/long-island/nassau/manhasset-bay-swimming-water-quality-1.18288401>

Clausen, J. (2018, April 18). Water quality report suggests possible improvements for Manhasset Bay. *The Island Now*. Retrieved from: <https://theislandnow.com/rop/water-quality-report-suggests-possible-improvements-for-manhasset-bay/>

Lant, K. (2018, July 16). Manhasset Bay Water Quality Report Shows Success, Room to Improve. *Environmental Monitor*. Retrieved from: <https://www.fondriest.com/news/manhasset-bay-water-quality-report-shows-success-room-to-improve.htm>

State Assembly Hearing

Claus, C. (2018, September 11). LI Sound Water Hearing Gets Vocal. *Manhasset Press*. Retrieved from: <http://manhassetpress.com/li-sound-water-hearing-gets-vocal/>

Torrence, L. (2018, August 29). Legislators seek feedback on how best to protect L.I. Sound. *The Island Now*. Retrieved from: https://theislandnow.com/great_neck/legislators-seek-feedback-on-how-best-to-protect-l-i-sound/

Upgrades

Chung, C. (2018, April 4). Port Washington to use \$18M in bonds for water protection plan. *Newsday*. Retrieved from: <https://www.newsday.com/long-island/nassau/water-pollution-bond-port-washington-1.17866876>

MBPC 2018-19 News Articles

Grant awards and applications

Claus, C. (2019, January 23-29). Seabin Soon to Keep Manhasset Bay Clean. *Port Washington News*. Page 3.

Brooks, K.J. (2019, January 20). North Hempstead wins grant to research ways to improve Manhasset Bay water quality. *Newsday*. Retrieved from: <https://www.newsday.com/long-island/north-hempstead-manhasset-bay-water-quality-1.26168912>

Manhasset Press. (2019, January 8). Town Receives Grant Award For Manhasset Bay Water Quality Improvement Plan. *Manhasset Press*. Retrieved from: <http://manhassetpress.com/town-receives-grant-award-for-manhasset-bay-water-quality-improvement-plan/>

Clausen, J. (2018, August 15). Town to weigh Lakeville Estates civic proposals, approves zombie house coordinator. *The Island Now*. Retrieved from: <https://theislandnow.com/great-neck/town-to-weigh-lakeville-estates-civic-proposals-approves-zombie-house-coordinator/>

Assembly Speaker Carl Heastie visit

Clausen, J. (2018, August 3). Assembly Speaker Carl Heastie visits the North Shore. *The Island Now*. Retrieved from: <https://theislandnow.com/news-98/assembly-speaker-carl-heastie-visits-the-north-shore/>

Beach Clean-ups

Island Now, The. (2018, October 8). D'Urso thanks cleanup crew at Manorhaven Beach. *The Island Now*. Retrieved from: <https://theislandnow.com/community-news/durso-thanks-cleanup-crew-at-manorhaven-beach/>

Island Now, The. (2018, October 22). A thank you for beach cleaners. *The Island Now*. Retrieved from: <https://theislandnow.com/community-news/a-thank-you-for-beach-cleaners/>

Port Washington Youth Climate Summit

Gralla, J. (2018, April 28). LI teens learn tips to tackle climate change at summit. *Newsday*. Retrieved from: <https://www.newsday.com/long-island/nassau/environment-1.18306491>

Editorial

2018, June 16. Letter: Response To 'Mess At Our Mill Pond.' *Port Washington News*. Retrieved from: <http://portwashington-news.com/letter-response-to-mess-at-our-mill-pond/>

MBPC 2018-19 News Articles

Army Corps

Claus, C. (2019, February 6-12). Corps to Release Interim Feasibility Report. *Port Washington News*. Pp 8 & 20A.

West, Teri. (2018, October 29). US Army Corps of Engineers studies storm barriers that would likely put North Shore coast at risk. *The Island Now*. Retrieved from: https://theislandnow.com/great_neck/u-s-army-corps-of-engineers-studies-storm-barriers-that-would-likely-put-north-shore-coast-at-risk/

West, Teri. (2018, November 2). Flooding solutions raise questions. *The Roslyn Times*.

Member News

Island Now, The. (2019, March 4). North Hempstead TV nominated for Emmy Award. *The Island Now*. Retrieved from: <https://theislandnow.com/blog-112/north-hempstead-tv-nominated-for-emmy-award/>

West, Teri. (2018, December 21). Trees to be added to Manhasset Valley Park. *The Island Now*. Retrieved from: <https://theislandnow.com/manhasset-107/trees-to-be-added-to-manhasset-valley-park/?fbclid=IwAR33McBmQTbZGyyTVV BX00XmfSQv MhbBv8AUJcBKY-z1Rr0HkwIh9ZO0I>

Torrance, Luke. (2018, November 15). Port North to restore Robert H. Dayton Park. *The Island Now*. Retrieved from: <https://theislandnow.com/news-98/port-north-to-restore-robert-h-dayton-park/>

West, Teri. (2018, October 16). Manhasset Chamber of Commerce calls for Plandome Road sewer cost analysis. *The Island Now*. Retrieved from: https://theislandnow.com/great_neck/manhasset-chamber-of-commerce-calls-for-plandome-road-sewer-cost-analysis/

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2019

Name of MS4

[Empty box for Name of MS4]

SPDES ID

NYR20A

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

OYSTER BAY / COLD SPRING HARBOR

Partner/Coalition Name (con't.)

PROTECTION COMMITTEE

SPDES Partner ID - If applicable

NYR20

Address

111 SOUTH STREET 2 TOWNSEND SQUARE

City

OYSTER BAY

State

NY

Zip

11771

eMail

ROB@OYSTERBAYCOLDSPRINGHARBOR.ORG

Phone

(631) 848-2090

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 MULTIPLE TASKS

MM2 MULTIPLE TASKS

MM3 SOURCE IDENTIFICATION

MM4 STORMWATER WEBINARS

MM5 SEDIMENT & EROSION TRAINING

MM6 GREEN INFRASTRUCTURE

Additional tasks/responsibilities

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

Education on pathogens

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

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									
N	Y	R	2	0					

2. URL(s) con't.:

Please provide specific address(es) where notice(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, 2019

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									
N	Y	R	2	0					

3. What strategies did your MS4/Coalition use to achieve education and outreach goals during this reporting period? Check all that apply:

- | | | |
|--|---------------------|---|
| <input type="radio"/> Construction Site Operators Trained | # Trained | <input type="text"/> |
| <input type="radio"/> Direct Mailings | # Mailings | <input type="text"/> |
| <input type="radio"/> Kiosks or Other Displays | # Locations | <input type="text"/> |
| <input type="radio"/> List-Serves | # In List | <input type="text"/> |
| <input checked="" type="radio"/> Mailing List | # In List | <input type="text" value="1"/> <input type="text" value="8"/> <input type="text" value="0"/> |
| <input checked="" type="radio"/> Newspaper Ads or Articles | # Days Run | <input type="text" value="6"/> |
| <input checked="" type="radio"/> Public Events/Presentations | # Attendees | <input type="text" value="5"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> |
| <input type="radio"/> School Program | # Attendees | <input type="text"/> |
| <input type="radio"/> TV Spot/Program | # Days Run | <input type="text"/> |
| <input checked="" type="radio"/> Printed Materials: | Total # Distributed | <input type="text" value="5"/> <input type="text" value="0"/> <input type="text" value="0"/> |

Locations (e.g. libraries, town offices, kiosks)

N	o	n	s	e	w	e	r	e	d		h	o	m	e	s				
C	l	e	a	n		u	p	s											
T	o	w	n	,		V	i	l	l	a	g	e		H	a	l	l	s	
P	u	b	l	i	c		L	i	b	r	a	r	i	e	s				

Other:

F	a	c	e	b	o	o	k												
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Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

URL

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URL

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**Phase II Activities Undertaken
On Behalf of Member Municipalities
March 10, 2018 to March 9, 2019 Permit Year**

MCM # 1 – Public Education and Outreach

- Expanded Community Shellfish Gardening program in Cold Spring Harbor with the Village of Laurel Hollow, Cornell Cooperative Extension, Friends of the Bay, the Towns of Oyster Bay and Huntington, The Waterfront Center, St. John's Church, Three Harbors Garden Club, Adelphi University Community Oyster Restoration Effort, Cold Spring Harbor and Huntington high school students, girl scouts and the North Oyster Bay Baymen's Association to raise awareness of and engage residents in protecting water quality from initial public information meetings to online resources and bi-monthly cleanings of 75,000 oysters.
- Staffed an Oyster Bay/Cold Spring Harbor Protection Committee booth at the Oyster Bay Oyster Festival October 20-21, 2018. Booth served to educate 200,000 participants about the ecology of Oyster Bay and as a base for volunteers collecting thousands of pounds of recycled oyster shells.
- Participating with Manhasset Bay and Hempstead Harbor protection committees, Town of Oyster Bay and Friends of the Bay in CESSPOOL (Coordinated Environmental Solutions to Septic Problems Occurring On Long Island) to raise public awareness of impact of onsite waste treatment systems.
- Promoted "Get Pumped! Long Island" onsite wastewater treatment education campaign:
 - Distributed 500 "Get Pumped! Long Island" homeowner education kits including brochures, fact sheets and file folders to member municipalities.
 - Promoted residents to "Get Pumped!" through discount coupon at www.getpumpedli.org.
- Publicized public education and outreach activities in watershed through:
 - Web site - event calendar maintained at web site
 - Facebook posts – three sites: Oyster Bay/Cold Spring Harbor Protection Committee, Scoop the Poop Long Island and GetPumpedLI!
 - E-mail list
 - Posting signs
- Protection Committee featured in Newsday and several local weekly publications.

- Distributed with the Nassau County Soil and Water Conservation District in the distribution of two professional videos (one 30 minutes and one 5 minutes) entitled *Stormwater Pollution and Green Infrastructure Solutions* along with an accompanying brochure.

- Participated in:
 - May 2018 Harbor Clean-up
 - International Shoreline Clean-up September 2018
 - Long Island Sound Study Citizens Advisory Committee meetings
 - Maintenance of Rain Garden at the Cold Spring Harbor Library and Western Waterfront (Oyster Bay)

- Distributed public outreach materials including:
 - Portable display with branded tent and table cloth
 - Fact sheets:
 - About the Committee
 - Pump your system
 - Pick up after your pet
 - Don't feed the waterfowl
 - Green Household Cleaning Alternatives

- Attended a meeting with DEC Water Division representatives in Riverhead on October 3, 2018 to discuss the status of Shellfish Pathogen TMDLs and relayed summaries to HHPC municipalities.

- Monitored Nassau County Sewage Spill Reports

- Maintained Oyster Bay/Cold Spring Harbor Protection website (www.oysterbaycoldspringharbor.org) and Facebook page

MCM # 2 – Public Participation

- Engaged 60+ families in Cold Spring Harbor watershed to raise 1,000 oysters each (75,000 total) to increase awareness of and involvement in water quality issues affecting the water body. Program included a public meeting, two training days, four-six cleanings, and a year-end celebration.

- Held five (5) Oyster Bay/Cold Spring Harbor Protection Committee meetings (open to the public).

- Networked with local citizens groups – Friends of the Bay, Theodore Roosevelt Audubon Sanctuary, North Shore Land Alliance, Long Island Sound Citizens Advisory Committee, Nassau County Soil and Water Conservation District, New York State Marine Education Association

- Maintained Oyster Bay/Cold Spring Harbor Protection Committee mailing list

- Financially contributed to Friends of the Bay Citizens Water Quality Monitoring Program.

MCM # 3 – Illicit Discharge Detection and Elimination

- Continued to implement a multi-year C.E.S.S.P.O.O.L. public education program to raise awareness about the impact of discharges from onsite septic systems and the need to conduct regular maintenance. Proper maintenance of septic systems may reduce the incentive for homeowners and others to install illicit discharges to handle overflows.
- Hosted an Illicit Discharge Detection and Elimination public training for residents led by Cornell Cooperative Extension's Lorne Brousseau at St. John's Church.
- Pursuing possible illicit discharges in Cold Spring Harbor based on existing studies (Outfall #237).
- Supporting analysis of potential sources of pollution resulting in the closure of Laurel Hollow Village Beach.

MCM # 4 – Construction Site Runoff Control

- Monitored changes in regulations and advised member municipalities of changes.
- Participated in several Stormwater Management Webinars

MCM # 5 – Post Construction Runoff Control

- Monitored changes in regulations and advised member municipalities of changes.

MCM # 6 – Good Housekeeping

- Developed annual strategic priorities for Protection Committee.
- Developed checklist of recommendations from existing subwatershed stormwater studies for Mill River to implement.
- Implementing Comprehensive Canada Geese Management Program.
- Worked with Town of Huntington and Town of Oyster Bay Geese Peace program managers to enhance their programs.
- Developed and advocated for adoption of "Don't Feed Waterfowl" and "Pooper Scooper" model laws for municipalities that do not have them.

- Implementing comprehensive Pet Waste Management Program including sponsoring Pet Waste Stations in Bayville and promoting stations in other areas.
- Supported a successful effort to obtain state funds in the FY 2020 budget for one or more additional shellfish pathogen laboratories on Long Island. This will allow for more bacteria testing and more accurate pathogen TMDLs.

Other

- Managed the Oyster Bay/Cold Spring Harbor Protection Committee including:
 - Hosting five (5) regular meetings approximately every other month
 - Maintaining Protection Committee mailing list and grant spreadsheet
- Monitored Nassau County Sewage Spill Notifications



Oyster Bay/Cold Spring Harbor Protection Committee Third Party Certification Statement

Pursuant to
Permit # GP-0-08-002 pg.12 Part IV.G MS4 Annual Report

In furtherance of the purposes set forth in establishing the Oyster Bay/Cold Spring Harbor Protection Committee ("Committee"), the Committee shall undertake, to the extent practicable, the following activities on behalf of its member municipalities within their collective jurisdictions in order to assist in the fulfillment of the NYS Phase II regulations (New York State Pollutant Discharge Elimination Systems ("SPDES") General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (GP-0-08-002) provided that funds either from grants or member dues are available.

Scope of Work:

Activities and Deliverables *may include but are not limited* to the following:

Minimum Control Measure #1 (Public Education and Outreach):

Prepare and conduct a public education and outreach program including the preparation of brochures, portable displays, targeted mailings, press releases, articles for publication, an informational website, promotional give-ways, signage, and presentations to the community, business and/or stakeholder organizations.

Minimum Control Measure #2 (Public Involvement and Education):

Conduct public meetings for members of the public and stakeholders at critical junctures on major projects, develop and maintain e-mailing and postal mailing lists to keep apprised and involved in projects undertaken by the Committee, assist in beach clean-ups and wetland plantings to the extent possible, conduct attitude and awareness surveys, maintain and foster interrelationships with community organizations, business organizations, recreation organizations, educational institutions, environmental organizations and various levels of governments.

Minimum Control Measure #3 (Illicit Discharge Detection and Elimination):

Support water quality monitoring to detect unexpected changes in water quality, record and report observations of identified or suspected illicit discharges to appropriate agencies, assist in and help coordinate responses to identified or suspected illicit discharges, and assist in the maintenance and updating of the county's storm drain GIS mapping system.

Minimum Control Measure #4 (Construction Site Stormwater Runoff Control):

Assist member municipalities in identifying available construction site stormwater runoff control measures, requirements and procedures, and report any observed instances of stormwater runoff from construction sites to the member municipality and/or appropriate agency or agencies.

Minimum Control Measure #5 (Post Construction Stormwater Management):

Assist member municipalities in identifying available post construction stormwater management control measures, requirements and procedures, and report any observed instances of post construction stormwater runoff to the member municipality and/or appropriate agency or agencies.

Minimum Control Measure #6 (Pollution Prevention/Good Housekeeping):

Assist member municipalities in identifying available pollution prevention/good housekeeping practices including but not limited to information on pet waste management, Canada Goose control, "Get Pumped! Long Island" onsite wastewater treatment homeowner education campaign, household hazardous waste programs, recycling programs, and making the Town of Oyster Bay's "Don't Feed the Quackers Crackers or Bread" video available.

Contracted Entity Certification Statement:

The Oyster Bay/Cold Spring Harbor Protection Committee understands that its member municipalities must comply with the requirements of the New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (GP-0-08-002) and any successor permit, and that it is unlawful for any person to directly or indirectly cause or contribute to a violation of water quality standards. The Committee agrees to provide, to the extent practicable, the above described services on behalf of its member municipalities in order to assist them in the fulfillment of New York State Phase II requirements provided that annual member dues and applied for grant funds (where applicable) are received.



April 26, 2019

Signature

Date

Rob Crafa

Coordinator

Name

Title

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2019

Name of MS4

SPDES ID
N Y R 2 0 A

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
HEMPSTEAD HARBOR PROTECTION COMMI

Partner/Coalition Name (con't.) SPDES Partner ID - If applicable
NYR20

Address
29 SPRING STREET

City State Zip
OYSTER BAY NY

eMail
E.SWENSON@HEMPSTEADHARBOR.ORG

Phone
() -

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 MULTIPLE TASKS
- MM2 MULTIPLE TASKS
- MM3 WATER MONITORING, OTHER TASKS
- MM4 MONITOR FOR RUNOFF, TRAINING
- MM5 MONITOR FOR RUNOFF, TRAINING
- MM6 EDUCATION, TRAINING & RESEARCH

Additional tasks/responsibilities

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

Education and literature on pathogens, pet waste, waterfowl, raingardens, and septic system inspection and maintenance

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

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									
N	Y	R	2	0					

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

www.HempsteadHarbor.org/																				
documents > water quality																				

URL

URL

URL

**HEMPSTEAD HARBOR PROTECTION COMMITTEE
THIRD PARTY CERTIFICATION STATEMENT
MARCH 10, 2018 TO MARCH 9, 2019 PERMIT PERIOD**

*Pursuant to
Permit # GP-0-08-002 pg. 12 Part IV.G MS4 Annual Report*

In furtherance of the purposes set forth in the Hempstead Harbor Protection Committee ("COMMITTEE") Inter-Municipal Agreement dated May 14, 2008, the COMMITTEE shall undertake, to the extent practicable, the following activities on behalf of its member municipalities within their collective jurisdictions in order to assist in the fulfillment of NYS Phase II regulations (New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (GP-0-08-002) provided that annual member dues and applied for grant funds (where applicable) are received:

Scope of Work:

Activities and Deliverables **may include but are not limited to** the following:

Minimum Control Measure # 1 (Public Education and Outreach):

Prepare and conduct a public education and outreach program including the preparation and distribution of brochures, videos, refrigerator magnets, presentations to community and/or stakeholder organizations and/or schools, targeted electronic mailings, use of portable displays, training sessions, press conferences, press releases and/or letters to the editor, informational meetings, and articles for publication, an informational website, social media postings, promotional give-aways and coastal interpretive signage.

Minimum Control Measure # 2 (Public Involvement and Education):

Conduct public meetings for members of the public and stakeholders at critical junctures on major projects, develop and maintain e-mailing and postal mailing lists to keep the public apprised and involved in projects undertaken by the COMMITTEE, assist in beach cleanups and wetland plantings to the extent possible, conduct citizen science water monitoring programs, conduct attitude and awareness surveys as appropriate, maintain and foster inter-relationships with community organizations, business organizations, recreation organizations, educational institutions, environmental organizations and various levels of government.

Minimum Control Measure # 3 (Illicit Discharge Detection and Elimination):

Conduct water quality monitoring to detect unexpected changes in water quality, record and report observations of identified or suspected illicit discharges to appropriate agencies, assist in and help coordinate responses to identified or suspected illicit discharges, and assist in the maintenance and updating of the county's storm drain GIS mapping system.

Minimum Control Measure # 4 (Construction Site Stormwater Runoff Control):

Assist member municipalities in identifying available construction site stormwater runoff control measures, requirements and procedures, and report any observed instances of stormwater runoff from construction sites to the member municipality and/or appropriate agency or agencies; assist in organizing training courses in erosion and sediment control; conduct water quality monitoring to assist in the detection of unusual discharges or conditions that might indicate inadequate erosion and sediment control from construction sites.

Minimum Control Measure # 5 (Post Construction Stormwater Management):

Assist member municipalities in identifying available post construction stormwater management control measures, requirements and procedures, and report any observed instances of post construction stormwater runoff to the member municipality and/or appropriate agency or agencies; assist in organizing training courses in erosion and sediment control; conduct water quality monitoring to assist in the detection of unusual discharges or conditions that might indicate inadequate erosion and sediment control from construction sites.

Minimum Control Measure # 6 (Pollution Prevention / Good Housekeeping):

Assist member municipalities in identifying available pollution prevention / good housekeeping practices including but not limited to information on pet waste management, Canada Goose control, household hazardous waste programs, and recycling programs. Participate in applicable webinars and report back to member municipalities.

Contracted Entity Certification Statement:

The Hempstead Harbor Protection Committee understands that its member municipalities must comply with the requirements of New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (GP-0-08-002) and any successor permit, and that it is unlawful for any person to directly or indirectly cause or contribute to a violation of water quality standards. The Committee agrees to provide, to the extent practicable, the above-described services on behalf of its member municipalities in order to assist them in the fulfillment of New York State Municipal Phase II requirements provided that annual member dues and applied for grant funds (where applicable) are received.



Signature

Eric Swenson

Name

Executive Director

Title

April 10, 2019

Date

HEMPSTEAD HARBOR PROTECTION COMMITTEE

Phase II Activities Undertaken
On Behalf of Member Municipalities
March 10, 2018 to March 9, 2019 Permit Year

MCM # 1 – Public Education and Outreach

- Staffed information booths at three events: Earth Day at Morgan Park in Glen Cove on April 22, 2018; the Port Washington Chamber of Commerce's HarborFest on June 3, 2018; and the North Shore Kiwanis Club's Sea Cliff Mini Mart on October 7, 2018. Total attendees estimated at 15,000.
- Led senior citizens on a tour of the Hempstead Harbor shoreline at North Hempstead Beach Park on October 18, 2018.
- Worked with Rep. Thomas Suozzi to plan public meeting with the Army Corps of Engineers on proposed storm surge barriers for elected officials and others which was held on October 18, 2018 at the US Merchant Marine Academy.
- Attended two press conferences with Governor Andrew Cuomo to promote clean water initiatives: one on April 17, 2018 at Sunken Meadow State Park and on February 8, 2019 in Woodbury.
- Continued participation with the Manhasset Bay Protection Committee, Oyster Bay Cold Spring Harbor Protection Committee, Town of Oyster Bay, the Coalition to Save Hempstead Harbor and Friends of the Bay in C.E.S.S.P.O.O.L. grant to raise public awareness of impact of onsite waste treatment systems. (C.E.S.S.P.O.O.L. = Coordinated Environmental Solutions to Septic Problems Occurring On Long Island). This included distributing a series of fact sheets to homeowners and maintaining a website and Facebook page.
- Worked with a local Girl Scout to organize a presentation on protecting our local waters which was held on February 27, 2019 at the Manhasset Public Library.
- Promoted a "Scoop the Poop Long Island" Facebook page to educate the public on pet waste issues.
- HHPC's Executive Director participated as a judge in the Long Island Envirothon on April 25, 2018 at the USDAN Center in Wheatley Heights.
- Completely re-designed the Hempstead Harbor website: (www.HempsteadHarbor.org) including the addition of a blog page.

- Published 4 articles in the *Sea Cliff Village Bulletin*: one on April 9, 2018 on fertilizing; one on July 12, 2018 on wetlands; one on October 10, 2018 on algal blooms; and one on January 15, 201 on proposed new fertilizer requirements.
- Published 3 blog articles on the Hempstead Harbor Protection Committee website: one on January 23, 2019 on Ocean Acidification and Nitrogen; one on January 31, 2019 on the Army Corps of Engineers proposed storm surge barriers and potential impacts including wetlands; and one on February 18, 2019 on the Critical Need for Water Infrastructure.
- Copied and distributed 18 articles and editorials in weekly and daily papers to municipal representatives and others on water quality issues.
- Participated with the Nassau County Soil and Water Conservation District in the distribution of two professional videos (one 30 minutes and one 5 minutes) entitled *Stormwater Pollution and Green Infrastructure Solutions* along with an accompanying brochure.
- Maintained and updated a Facebook site with relevant articles on water quality. In early March 2018, launched a new and improved Facebook page to replace the former one.
- Updated and distributed a list of media outlets.
- Monitored Nassau County sewage spill reports for the Glen Cove Wastewater Treatment Facility and posted information on Facebook and e-mailed to Committee members and others.
- Distributed brochures on shellfishing in Hempstead Harbor.
- Distributed brochures on understanding beach closures and on the problems associated with feeding of wildfowl.
- Posted water quality monitoring results for Hempstead Harbor on website and Facebook.
- Published and distributed an Annual Water Quality Report on water quality in Hempstead Harbor in hard copy and disk formats and posted it on a website.
- Attended a webinar presented by the NYS DEC on Quality Assurance Program Plans (QAPPs) on March 26, 2018.
- Participated in the Town of North Hempstead's press conference on July 26, 2018 in Manorhaven to promote beach cleanups.

- Participated in a press conference on October 23, 2018 at the U.S. Merchant Marine Academy in Kings Point to emphasize the need for water quality protection in any storm surge protections being studied.
- Participated in a press conference held by Nassau County Legislators at the Nassau County Executive Building in Mineola on May 7, 2018 to advocate for a fee on single use plastic bags.
- Participated in the Army Corps of Engineers public meeting on proposed storm surge barriers on October 23, 2018 at the US Merchant Marine Academy and relayed a summary to HHPC municipalities and others.
- Attended Long Island Nitrogen Action Plan (LINAP) Fertilizer Workgroup meetings on October 4, 2018, November 1, 2018, and December 19, 2019 and relayed summaries to HHPC municipalities and others.
- Attended a meeting with DEC Water Division representatives in Riverhead on October 3, 2018 to discuss the status of Shellfish Pathogen TMDLs and relayed summaries to HHPC municipalities.
- Attended meetings of a NYS DEC TMDL Workgroup on December 5, 2018, January 10, 2019, and February 28, 2019 and relayed summaries to HHPC municipalities. Also coordinated responses from the Towns of Oyster Bay and North Hempstead and the City of Glen Cove on data gathering to assist with planning for the development of new TMDLs.
- Began organizing a Coordinated Harbor Cleanup with the Towns of North Hempstead, Oyster Bay and the City of Glen Cove for 2019.
- Attended a Fertilizer Roundtable discussion at Farmingdale State College on May 29, 2018 and relayed a summary to HHPC municipalities and others.
- Gave a joint presentation on ways to protect our local waterways on April 28, 2018 at the Port Washington Youth Climate Change Summit in Port Washington.
- Served on the NYS DEC's Dredged Materials Subcommittee which met on August 30, 2018, September 12, 2019, and September 19, 2019 and developed recommendations to the Regional Director. Relayed summaries to HHPC member municipalities.

MCM #2 – Public Participation

- Held eight HHPC meetings (open to the public). These were held on March 14, 2018, April 11, 2018, May 14, 2018, June 6, 2018, September 12, 2018, October 11, 2018, November 14, 2018, and January 9, 2019.

- Conducted a water monitoring program with local citizen's group (Coalition to Save Hempstead Harbor) and volunteers. This consisted of a weekly program during the summer for 23 weeks and a weekly program during the winter for another 24 weeks.
- Participated in Spartina planting with volunteers at Mill Pond in Port Washington on April 4 and April 5, 2018.
- Continued networking with local citizens groups (Coalition to Save Hempstead Harbor, Glenwood / Glen Head Civic Association, North Shore Land Alliance, and United Civic Council of Glen Head and Glenwood Landing).
- Continued to provide representation to the Long Island Sound Study Citizens Advisory Committee, the Nassau County Soil and Water Conservation District, the Long Island Nitrogen Action Plan Advisory Committee, the LINAP Fertilizer Workgroup, the NYS DEC TMDL Workgroup, the NYS DEC MS4 Workgroup, the NYS DEC Dredge Material Subcommittee, and the New York Marine Sciences Consortium.
- Continued to provide advice, as requested to the Town of North Hempstead in the development of a Blueway Trail from Little Neck Bay to Hempstead Harbor and to the Town of Oyster Bay in its development of a Blueway trail from Hempstead Harbor to Oyster Bay and Cold Spring Harbor.
- Revised and distributed HHPC's member list.
- Promoted area beach cleanups and invasive removal projects.
- Assisted with the planning and conducting of a volunteer removal of invasive plants and planting of native plants, trees, shrubs and other plants at Nassau County's historic Cedarmere site.
- Partnered with the Nassau County Soil and Water Conservation District and the Friends of Cedarmere along with volunteers to maintain the rain gardens installed at Cedarmere in Roslyn Harbor.
- Met in Washington DC on November 28, 2018 to educate Congressional representatives about water quality improvements and the need for additional federal funding. This effort resulted in increased funding for Long Island Sound environmental programs.
- Assisted the Nassau County Executive's office with the implementation of a grant program for homeowners for nitrogen-reducing septic systems. A meeting was held on November 14, 2018.

- Assisted NYS DEC with organizing a LINAP Data Sharing workshop held in Muttontown on September 21, 2018.
- Promoted the NYS DEC's 2019 Alewife volunteer monitoring training program held in Cold Spring Harbor.

MCM # 3 – Illicit Discharge Detection and Elimination

- Conducted an annual harbor surveillance by boat (includes observation and reporting of any unusual discharges).
- Tested water quality weekly from May to October and biweekly at selected locations between November and April and checked results to see if any unusual readings or trends occurred which might indicate illicit discharges.
- Continued to monitor unidentified discharges in Glen Cove Creek and continued to work with various agencies to try to determine their origin.
- Continued to implement a multi-year C.E.S.S.P.O.O.L. public education program to raise awareness about the impact of discharges from onsite septic systems and the need to conduct regular maintenance. Proper maintenance of septic systems may reduce the incentive for homeowners and others to install illicit discharges to handle overflows.
- Assisted Nassau County, the City of Glen Cove, and the NYS DEC on an investigation of potential sources of contamination to Crescent Beach on April 1, 2018.

MCM # 4 – Construction Site Runoff Control

- Assisted the Nassau County Soil and Water Conservation District in planning and holding three NYS DEC certification and training sessions for municipal officials and contractors in sediment and erosion control on March 27, 2018, June 19, 2018, and January 29, 2019. A total of 203 persons were trained and certified including HHPC's Executive Director who renewed his certification.
- Monitored changes in regulations and advised member municipalities as necessary. HHPC's Executive Director served as the official NYS DEC representative for all of Long Island's MS4 Operators to participate in discussions regarding revised MS4 Stormwater permit.
- Observed for unusual discharges or conditions while conducting weekly water quality monitoring (late spring to fall) that might indicate inadequate erosion and sediment control from construction sites.

MC # 5 – Post Construction Runoff Control

- Assisted the Nassau County Soil and Water Conservation District in planning and holding three NYS DEC certification and training sessions for municipal officials and contractors in sediment and erosion control on March 27, 2018, June 19, 2018, and January 29, 2019. A total of 203 persons were trained and certified including HHPC's Executive Director who renewed his certification.
- Monitored changes in regulations and advised member municipalities as necessary. HHPC's Executive Director served as the official NYS DEC representative for all of Long Island's MS4 Operators to participate in discussions regarding revised MS4 Stormwater permit.
- Observed for unusual discharges or conditions while conducting weekly water quality monitoring (late spring to fall) that might indicate inadequate erosion and sediment control from construction sites.

MCM # 6 – Good Housekeeping

- Assisted the Nassau County Soil and Water Conservation District in planning and holding three NYS DEC certification and training sessions for municipal officials and contractors in sediment and erosion control on March 27, 2018, June 19, 2018, and January 29, 2019. A total of 203 persons were trained and certified including HHPC's Executive Director who renewed his certification.
- Worked with the Town of Oyster Bay to replace septic systems at Tappen Beach.
- Worked with the Town of Oyster Bay to incorporate nitrogen and bacteria filtration devices in 37 catch basins in the Powerhouse Drain subwatershed as part of a highway improvement project. This contract was awarded in early 2019.
- Participated with the Nassau County Soil and Water Conservation District in the distribution of two professional videos (one 30 minutes and one 5 minutes) entitled *Stormwater Pollution and Green Infrastructure Solutions* along with an accompanying brochure.
- Worked with the Nassau County Soil and Water Conservation District to offer low cost native plants to municipalities.
- Continued to work with the Town of Oyster Bay, the Village of Sea Cliff and the City of Glen Cove to maintain pet waste stations provided by HHPC.
- Coordinated a successful effort to obtain state funds in the FY 2020 budget for one or more additional shellfish pathogen laboratories on Long

Island. This will allow for more bacteria testing and more accurate pathogen TMDLs.

OTHER

- Worked with the Long Island Sound Study Citizens Advisory Committee to establish water quality monitoring of embayments as a priority and to develop a mechanism for regular (non-grant) funding to support water quality monitoring efforts and are continuing to work to develop a unified system of monitoring and reporting around Long Island Sound.
- Assisted the Long Island Sound Study Citizens Advisory Committee in its efforts to secure federal funding and reauthorization for the Long Island Sound Restoration Act and the Long Island Sound Stewardship Act including meetings with Congressional representatives in Washington DC on November 28, 2018.
- Continued to serve as a member of the Long Island Nitrogen Action Plan's Nassau County Subwatershed Planning Advisory Workgroup.
- Continued to assist Nassau County and its consultants with the preparation of a sewer feasibility study for the eastern watershed of Hempstead Harbor and to address illicit discharges of pathogens into a stream that has caused the closure of Crescent Beach in Glen Cove.
- Promoted a "Scoop the Poop Long Island" Facebook page to educate the public on pet waste issues.

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9,

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Name of MS4

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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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

N	a	s	s	a	u	C	o	u	n	t	y	S	o	i	l	a	n	d	W	a	t	e	r				
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Partner/Coalition Name (con't.)

C	o	n	s	e	r	v	a	t	i	o	n	D	i	s	t	r	i	c	t		
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SPDES Partner ID - If applicable

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Zip

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Phone

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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

M	u	l	t	i	p	l	e	T	a	s	k	s
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- MM2

M	u	l	t	i	p	l	e	T	a	s	k	s
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- MM3

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- MM4

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- MM5

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- MM6

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Additional tasks/responsibilities

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

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Who	What	Where	When	Attendance	Adults Outre	Children Ou	Total Outre
David and Sergiy	E&SC Training	Old Bethpage Village Re	3/27/2018	71	71	0	71
Sergiy Grim	Raingarden Presentation	Friends of the Bay	3/28/2018	15	15	0	15
Sergiy Grim	CCE Science Day	East Meadow Farm	4/14/2018	100	60	40	100
Sergiy Grim	Water Week Stormwater C	Online (Multi-platform)	4/15/18 to 4/21/18	1567	1567	0	1567
Sergiy Grim	Seatuck Eco Carnival	Seatuck Env Assn.	4/21/2018	5000	650	400	1050
David And Sergiy	Glen Cove Earth Day	Morgan Memorial Park	4/22/2018	150	50	50	100
Trish, David, and Se	Envirothon	USDAN Center	4/25/2018	500	100	400	500
Sergiy Grim	Fish Hatchery Event	CSH Fish Hatchery	4/28/2018	1000	500	300	800
Sergiy Grim	BMP Workshop	Baxter's Pond	4/29/2018	30	30	0	30
Sergiy Grim	DEC Cleanup	Twin Lakes	5/5/2018	100	30	70	100
David Ganim	TOB Earth Day	TOB Town Hall	5/5/2018	2000	400	200	600
Sergiy Grim	DEC Invasive Outreach	Massapequa Preserve	5/31/2018	20	20	0	20
David and Sergiy	Harborfest	Port Washington	6/3/2018	7000	850	100	950
David and Sergiy	Water Chestnut Pull	Mill Pond - Wantagh	6/15/2018	40	40	0	40
David and Sergiy	South Shore Blueway Eve	Hewlett Point Park	6/16/2018	400	100	50	150
David and Sergiy	E&SC Training	Old Bethpage Village Re	6/19/2018	36	36	0	36
David Ganim	Water Chestnut Pull	Mill Pond - Wantagh	7/13/2018	40	40	0	40
Sergiy Grim	LI Fair	Old Bethpage Village Re	9/14/2018	9000	700	300	1000
Sergiy Grim	LI Fair	Old Bethpage Village Re	9/15/2018	10000	750	350	1100
Sergiy Grim	LI Fair	Old Bethpage Village Re	9/21/2018	9000	650	175	825
Sergiy Grim	LI Fair	Old Bethpage Village Re	9/22/2018	10000	600	250	850
David and Sergiy	E&SC Training	Old Bethpage Village Re	10/2/2018	68	68	0	68
David Ganim	CCE-Stormwater Lecture	Unitarian Universalist C	11/13/2018	40	40	0	40
David and Sergiy	E&SC Training	Old Bethpage Village Re	1/29/2019	96	96	0	96
				56273	7463	2685	10148
Film: Stormwater Pollution and Green Infrastructure Solutions (3/21/2018 to 3/21/2019) on YouTube							
Views	Minutes Watched	Where user Found Video	Shares	Device	Likes	Average Watch Time	
9,385	64,720	Suggested Video (59%)	138	Computer 70.7%	76	6:53	

Facebook/Social Media (3/21/2018 to 3/21/2019)

Page Views	Post Interactions
19132	5212

MS4 Municipal Compliance Certification(MCC) Form

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

Name of MS4

SPDES ID
N Y R 2 0 A 0 2 2

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
0 4 / 3 0 / 2 0 1 9

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,

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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

County of Nassau																			
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SPDES ID

N	Y	R	2	0	A	0	2	2
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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?

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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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URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

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

Name of MS4/Coalition County of Nassau

SPDES ID
NYR20A022

Minimum Control Measure 1. Public Education and Outreach

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. Targeted Public Education and Outreach Best Management Practices

Check all topics that were included in Education and Outreach during this reporting period:

- | | |
|---|---|
| <input checked="" type="radio"/> Construction Sites | <input checked="" type="radio"/> Pesticide and Fertilizer Application |
| <input checked="" type="radio"/> General Stormwater Management Information | <input checked="" type="radio"/> Pet Waste Management |
| <input checked="" type="radio"/> Household Hazardous Waste Disposal | <input type="radio"/> Recycling |
| <input checked="" type="radio"/> Illicit Discharge Detection and Elimination | <input checked="" type="radio"/> Riparian Corridor Protection/Restoration |
| <input checked="" type="radio"/> Infrastructure Maintenance | <input checked="" type="radio"/> Trash Management |
| <input type="radio"/> Smart Growth | <input checked="" type="radio"/> Vehicle Washing |
| <input checked="" type="radio"/> Storm Drain Marking | <input checked="" type="radio"/> Water Conservation |
| <input checked="" type="radio"/> Green Infrastructure/Better Site Design/Low Impact Development | <input checked="" type="radio"/> Wetland Protection |
| <input checked="" type="radio"/> Other: | <input type="radio"/> None |

Onsite
Wastewater
Management

Other

2. Specific audiences targeted during this reporting period:

- | | |
|---|---|
| <input checked="" type="radio"/> Public Employees | <input checked="" type="radio"/> Contractors |
| <input checked="" type="radio"/> Residential | <input checked="" type="radio"/> Developers |
| <input type="radio"/> Businesses | <input checked="" type="radio"/> General Public |
| <input type="radio"/> Restaurants | <input type="radio"/> Industries |
| <input checked="" type="radio"/> Other: | <input type="radio"/> Agricultural |

Boaters
/
Students

Other

MS4 Annual Report Form

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

2	0	1	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

County of Nassau

SPDES ID

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3. What strategies did your MS4/Coalition use to achieve education and outreach goals during this reporting period? Check all that apply:

- | | | | | | | | |
|--|---------------------|--|---|---|---|---|---|
| <input checked="" type="radio"/> Construction Site Operators Trained | # Trained | <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td>2</td><td>7</td><td>1</td></tr></table> | | | 2 | 7 | 1 |
| | | 2 | 7 | 1 | | | |
| <input type="radio"/> Direct Mailings | # Mailings | <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | |
| | | | | | | | |
| <input type="radio"/> Kiosks or Other Displays | # Locations | <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | |
| | | | | | | | |
| <input checked="" type="radio"/> List-Serves | # In List | <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td>8</td><td>6</td><td> </td></tr></table> | | | 8 | 6 | |
| | | 8 | 6 | | | | |
| <input checked="" type="radio"/> Mailing List | # In List | <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td>1</td><td>8</td><td>0</td></tr></table> | | | 1 | 8 | 0 |
| | | 1 | 8 | 0 | | | |
| <input checked="" type="radio"/> Newspaper Ads or Articles | # Days Run | <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td>2</td><td>9</td><td> </td></tr></table> | | | 2 | 9 | |
| | | 2 | 9 | | | | |
| <input checked="" type="radio"/> Public Events/Presentations | # Attendees | <table border="1" style="display: inline-table;"><tr><td>2</td><td>5</td><td>0</td><td>0</td><td>0</td></tr></table> | 2 | 5 | 0 | 0 | 0 |
| 2 | 5 | 0 | 0 | 0 | | | |
| <input checked="" type="radio"/> School Program | # Attendees | <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td>4</td><td>0</td><td> </td></tr></table> | | | 4 | 0 | |
| | | 4 | 0 | | | | |
| <input type="radio"/> TV Spot/Program | # Days Run | <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | |
| | | | | | | | |
| <input checked="" type="radio"/> Printed Materials: | Total # Distributed | <table border="1" style="display: inline-table;"><tr><td> </td><td>1</td><td>2</td><td>5</td><td>0</td></tr></table> | | 1 | 2 | 5 | 0 |
| | 1 | 2 | 5 | 0 | | | |

Locations (e.g. libraries, town offices, kiosks)

C	o	u	n	t	y		O	f	f	i	c	e	s	/	S	W	C	D		
T	o	w	n		O	f	f	i	c	e	s									
P	r	o	t	e	c	t	i	o	n		C	o	m	m	i	t	t	e	e	
F	e	s	t	i	v	a	l	s	/	F	a	i	r	s						

Other:

F	a	c	e	b	o	o	k													
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Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

URL

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URL

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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

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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3. Web Page cont.: Provide specific web addresses - not home page.

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d o c u m e n t s / b r o c h u r e s / l a n d s c a p e r s .
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URL

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

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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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.

Attended ten (10) major environmental festivals/fairs and distributed educational materials connected to storm water. Conducted erosion and sediment control trainings through our Soil and Water Conservation District office. Cleanups/Earth Day Events and invasive water chestnut pulls at Massapequa Lake and Loft's Pond with volunteers.

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

Distribution of a storm water pollution and green infrastructure film via Youtube through our Nassau County Soil and Water Conservation District that generated 9385 views, 138 shares, and an average watch time of 6:53 minutes. Our NCSWCD Facebook/Social Media page had 19132 page views and 5212 post interactions.

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

			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).

Continue with a minimum of four Erosion and Sediment Control training courses through the reporting year scheduled for the spring, summer, fall and winter. Continue with our Festival/Fair attendance and continue our online educational presence through the storm water pollution and green infrastructure film throughout the reporting year.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

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
N Y R 2 0 A 0 2 2

Minimum Control Measure 2. Public Involvement/Participation

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. What opportunities were provided for public participation in implementation, development, evaluation and improvement of the Stormwater Management Program (SWMP) Plan during this reporting period? Check all that apply:

- Cleanup Events # Events
- Comments on SWMP Received # Comments
- Community Hotlines

Phone # (<input type="text" value="5"/> <input type="text" value="1"/> <input type="text" value="6"/>)	<input type="text" value="5"/> <input type="text" value="7"/> <input type="text" value="1"/> -	<input type="text" value="7"/> <input type="text" value="5"/> <input type="text" value="2"/> <input type="text" value="0"/>
Phone # (<input type="text" value="5"/> <input type="text" value="1"/> <input type="text" value="6"/>)	<input type="text" value="5"/> <input type="text" value="7"/> <input type="text" value="1"/> -	<input type="text" value="7"/> <input type="text" value="5"/> <input type="text" value="3"/> <input type="text" value="5"/>
Phone # (<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>)	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> -	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
Phone # (<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>)	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> -	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
Phone # (<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>)	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> -	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
Phone # (<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>)	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> -	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
- Community Meetings # Attendees
- Plantings Sq. Ft.
- Storm Drain Markings # Drains
- Stakeholder Meetings # Attendees
- Volunteer Monitoring # Events
- Other:

2. Was public notice of availability of this annual report and Stormwater Management Program (SWMP) Plan provided?

Yes No

- List-Serve # In List
- Newspaper Advertising # Days Run
- TV/Radio Notices # Days Run
- Other:

Web Page URL: Enter URL(s) on the following two pages.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

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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2. URL(s) con't.:

Please provide specific address(es) where notice(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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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

County of Nassau																			
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SPDES ID

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2. URL(s) con't.:

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

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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

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

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

Address

City Zip -

Phone
() -

Library Annual Report SWMP Plan Comments

Address

City Zip -

Phone
() -

Other Annual Report SWMP Plan Comments

Address

City Zip -

Phone
() -

Web Page URL: Annual Report SWMP Plan Comments

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

eMail Comments

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

County of Nassau																			
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SPDES ID

N	Y	R	2	0	A	0	2	2
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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.

0	5
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 /

0	1
---	---

 /

2	0	1	9
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4.b. For how many days was/will this report be posted?

	3	0
--	---	---

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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 /

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 /

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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

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

2	0	1	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

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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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.

Attended stakeholder meetings with the Manhasset Bay Protection Committee, Hempstead Harbor Protection Committee, Oyster Bay Cold Spring Harbor Protection Committee, NCSWCD, South Shore Estuary Reserve Council meetings. Retain consultant to work on updating the Nassau County Storm Water Management Program Plan.

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

Preparing a new Draft Nassau County Storm Water Management Program Plan. The funding of committee partners to include Manhasset Bay Protection Committee, Hempstead Harbor Protection Committee, Oyster Bay Cold Spring Harbor Protection Committee, NCSWCD.

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

			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).

Continue to participate and fund the Manhasset Bay Protection Committee, Hempstead Harbor Protection Committee, Oyster Bay Cold Spring Harbor Protection Committee, Nassau County Soil and Water Conservation District. Finalize and submit to United States Environmental Protection Agency the new final 2019 Nassau County Storm Water Management Program Plan and incorporate into the Nassau County website for viewing. Update NC Storm Water Management website.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

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

Name of MS4/Coalition: County of Nassau

SPDES ID: NYR20A022

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: 3780 # 100 %
2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)? 274

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

County Facilities / Garages

Sewersheds:

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

County of Nassau																													
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SPDES ID

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3.b. What types of illicit discharges have been found during this reporting period?

- Broken Lines From Sanitary Sewer
- Industrial Connections
- Cross Connections
- Inflow/Infiltration
- Failing Septic Systems
- Pump Station Failure
- Floor Drains Connected To Storm Sewers
- Sanitary Sewer Overflows
- Illegal Dumping
- Straight Pipe Sewer Discharges
- Other:
- None

D	u	m	p	i	n	g		o	f		O	i	l		i	n		S	t	o	r	m		D	r	a	i	n					
---	---	---	---	---	---	---	--	---	---	--	---	---	---	--	---	---	--	---	---	---	---	---	--	---	---	---	---	---	--	--	--	--	--

4. How many illicit discharges/potential illegal connections have been detected during this reporting period?

	3	3
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5. How many illicit discharges have been confirmed during this reporting period?

		1
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6. How many illicit discharges/illegal connections have been eliminated during this reporting period?

		1
--	--	---

7. Has the storm sewershed mapping been completed in this reporting period? Yes No
 If No, approximately what percent was completed in this reporting period?

1	0	0
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 %

8. Is the above information available in GIS? Yes No
Is this information available on the web? Yes No
 If Yes, provide URL(s):

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

URL

URL

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

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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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.

Conducted ORI inspections for 11 stream sheds to include Baxter Brook, Kings Point, Leeds Pond, Manhasset Valley Park, Mitchell's Creek, Stannards Brook, West Pond, Scudders Pond, Sheets Creek, Roslyn Pond, Mott Cove Creek. Included tidal areas within these areas as well. Conducted Video Pipe surveillance of potential illicit connections in Crescent Beach area. No Illicit Connections found.

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

Crescent Beach video inspections of potential pipe connections revealed no illicit discharge activity. Report was generated. ORI investigation produced 29 Potential illicit issues. The locations were investigated by in house staff. The observations revealed no confirmed illicit issues.

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

			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).

For upcoming reporting cycle the County is anticipating conducting additional ORI's. The first step is to secure funding and put out an RFP to consultants to conduct the work. The areas will include both freshwater and tidal outfalls.

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

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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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
--	--	---

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?

		3
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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?

		0
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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 #

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 No Authority
- Stop Work Orders #

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 No Authority
- Criminal Actions #

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 No Authority
- Termination of Contracts #

--	--	--	--	--

 No Authority
- Administrative Fines #

--	--	--	--	--

 No Authority
- Civil Penalties #

--	--	--	--	--

 No Authority
- Administrative Orders #

--	--	--	--	--

 No Authority
- Enforcement Actions or Sanctions #

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 No Authority
- Other #

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 No Authority

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

SPDES ID
N Y R 2 0 A 0 2 2

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

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

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

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

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, 2019

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
N Y R 2 0 A 0 2 2

6. con't.:

Submit additional pages as needed.

MS4/Coalition Office

Department

N a s s a u C o u n t y D P W

Address

3 3 4 0 W . M e r r i c k R o a d

City

W a n t a g h

N Y

Zip

1 1 7 9 3 -

Phone

(5 1 6) 5 7 1 - 7 5 2 0

Library

Address

City

Zip

-

Phone

() -

Other

Address

City

Zip

-

Phone

() -

Web Page URL(s): Please provide specific address where SWPPPs can be accessed - not home page.

URL

URL

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

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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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.

Working with the Nassau County Soil and Water Conservation District to continue sediment and erosion control trainings required for construction operators as per GP-0-08-002, Part VIII.A.4.a.vii. SWPPP Inspector training.

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

The Nassau County SWCD held four training classes for sediment and erosion control on 3/27/18, 6/19/18, 10/2/18, 1/29/19. 271 people trained.

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

			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 hold a minimum of (4) four erosion and sediment control training sessions for the upcoming reporting year.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2019

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

N	Y	R	2	0	A	0	2	2
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Minimum Control Measure 5. Post-Construction Stormwater Management

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. How many and what type of post-construction stormwater management practices has your MS4/Coalition inventoried, inspected and maintained in this reporting period?

	# Inventoried	# Inspections	# Times Maintained
<input type="radio"/> Alternative Practices	<input type="text" value="2"/> <input type="text" value="1"/>	<input type="text" value="2"/> <input type="text" value="1"/>	<input type="text" value="1"/> <input type="text" value="1"/>
<input type="radio"/> Filter Systems	<input type="text" value="3"/> <input type="text" value="6"/> <input type="text" value="6"/>	<input type="text" value="3"/> <input type="text" value="6"/> <input type="text" value="6"/>	<input type="text" value="3"/> <input type="text" value="6"/> <input type="text" value="6"/>
<input type="radio"/> Infiltration Basins	<input type="text" value="6"/> <input type="text" value="3"/> <input type="text" value="8"/>	<input type="text" value="3"/> <input type="text" value="9"/> <input type="text" value="1"/>	<input type="text" value="3"/> <input type="text" value="9"/> <input type="text" value="1"/>
<input type="radio"/> Open Channels	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Ponds	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Wetlands	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>
<input type="radio"/> Other	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>

2. Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance? Yes No

3. What types of non-structural practices have been used to implement Low Impact Development/Better Site Design/Green Infrastructure principles?

- Building Codes Municipal Comprehensive Plans
- Overlay Districts Open Space Preservation Program
- Zoning Local Law or Ordinance
- None Land Use Regulation/Zoning
- Watershed Plans Other Comprehensive Plan

Other:

R	e	q	.	t	o	s	t	o	r	e	a	n	8	"	r	a	i	n	f	a	l	l
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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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?

		1
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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?

		0
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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

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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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.

Created a storm water BMP facilities checklist and inspected each existing BMP. Filed reports. Recommended maintenance where required. Installed new device at Milburn Creek. The device captures floatable debris in a concentrated location prior to the material discharging to waters of the United States. Device maintained 5 times in last reporting year. Evaluating our Storm Water Basin Inventory to isolate basins with overflows.

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

Successfully installed a storm water floatables debris device on Milburn Creek, in Baldwin. Device has been added to our maintenance scheduling. Evaluating our Storm Water Basin inventory to only include basins that have overflow capability and that may connect to waters of the United States.

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

			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).

Search and apply for grant opportunities to install additional storm water treatment devices. Continue to check and maintain our existing devices using our new BMP checklist. Continue to fine tune our Storm Water Basin inventory list to only include basins that have overflows and connect to waters of the United States.

MS4 Annual Report Form

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

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Name of MS4/Coalition

County of Nassau			
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SPDES ID

N	Y	R	2	0	A	0	2	2
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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>
Street Maintenance.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Bridge Maintenance.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Winter Road Maintenance.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Salt Storage.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Solid Waste Management.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
New Municipal Construction and Land Disturbance..	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Right of Way Maintenance.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Marine Operations.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Hydrologic Habitat Modification.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Parks and Open Space.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Municipal Building.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Stormwater System Maintenance.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Vehicle and Fleet Maintenance.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No
Other.....	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No

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

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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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

		5	0	0
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- Streets Swept (Number of miles X Number of times swept) # Miles

	8	8	0	0
--	---	---	---	---
- Catch Basins Inspected and Cleaned Where Necessary #

	8	6	0	0
--	---	---	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #

			2	1
--	--	--	---	---
- Phosphorus Applied In Chemical Fertilizer # Lbs.

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

--	--	--	--	--
- Pesticide/Herbicide Applied # Acres

					.	
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 (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?

				1
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4. What was the date of the last training?

0	9	/	2	1	/	2	0	1	8
---	---	---	---	---	---	---	---	---	---

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

	3	7
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6. What percent of municipal employees in relevant positions and departments receive stormwater management training?

	5	0	%
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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

County of Nassau

SPDES ID

N	Y	R	2	0	A	0	2	2
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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.

Begin municipal employee training for good housekeeping practices and storm water pollution prevention at county facilities via a video training manual that includes an examination and certificate of completion with a date and a tracking mechanism to see which employees have been trained. Completion of online facilities checklists at various county facilities.

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

By monitoring the employee tracking mechanism. The rollout has commenced and 37 employees have taken the examination. The County has created an online facilities checklist program. 43 facilities were examined.

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

			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).

Continue to expand the educational training program to additional public works and parks employees. Continue to inspect our county garages/maintenance facilities through our online facilities checklist program.

MS4 Annual Report Form

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

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Name of MS4/Coalition

County of Nassau									
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SPDES ID

N	Y	R	2	0	A	0	2	2
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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
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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.

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 %

Estimate what percentage was mapped in this reporting period.

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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

County of Nassau									
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SPDES ID

N	Y	R	2	0	A	0	2	2
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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?

		0
--	--	---

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

		0
--	--	---

 %

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

		0
--	--	---

 %
 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,

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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

County of Nassau									
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SPDES ID

N	Y	R	2	0	A	0	2	2
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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