

MS4 Phase II Stormwater Regulations

NASSAU COUNTY ANNUAL REPORT



Nassau County
Department Of Public Works



March 10, 2021 - March 9, 2022

MS4 Annual Report Cover Page

MCC form for period ending March 9,

2	0	2	2
---	---	---	---

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

SPDES ID
N Y R 2 0 A 0 7 0

SPDES ID
N Y R 2 0 A 3 6 6

SPDES ID
N Y R 2 0 A 3 8 4

SPDES ID
N Y R 2 0 A 0 3 4

SPDES ID
N Y R 2 0 A 3 3 6

SPDES ID
N Y R 2 0 A 3 3 8

SPDES ID
N Y R 2 0 A 4 4 9

SPDES ID
N Y R 2 0 A 0 1 4

SPDES ID
N Y R 2 0 A 0 6 6

SPDES ID
N Y R 2 0 A 4 3 8

SPDES ID
N Y R 2 0 A 0 5 9

SPDES ID
N Y R 2 0 A 4 4 4

SPDES ID
N Y R 2 0 A 4 4 3

SPDES ID
N Y R 2 0 A 4 0 8

SPDES ID
N Y R 2 0 A 0 9 0

SPDES ID
N Y R 2 0 A

SPDES ID
N Y R 2 0 A

SPDES ID
N Y R 2 0 A

SPDES ID
N Y R 2 0 A 4 5 3

SPDES ID
N Y R 2 0 A 0 8 5

SPDES ID
N Y R 2 0 A 4 5 2

SPDES ID
N Y R 2 0 A 4 3 6

SPDES ID
N Y R 2 0 A 1 6 9

SPDES ID
N Y R 2 0 A 0 6 3

SPDES ID
N Y R 2 0 A 1 1 1

SPDES ID
N Y R 2 0 A 4 4 7

SPDES ID
N Y R 2 0 A 1 6 2

SPDES ID
N Y R 2 0 A 0 7 1

SPDES ID
N Y R 2 0 A 0 1 6

SPDES ID
N Y R 2 0 A 0 7 5

SPDES ID
N Y R 2 0 A 4 4 2

SPDES ID
N Y R 2 0 A 0 6 8

SPDES ID
N Y R 2 0 A

SPDES ID
N Y R 2 0 A

SPDES ID
N Y R 2 0 A

SPDES ID
N Y R 2 0 A

SPDES ID
N Y R 2 0 A 3 2 1

SPDES ID
N Y R 2 0 A 0 6 2

SPDES ID
N Y R 2 0 A 4 5 1

SPDES ID
N Y R 2 0 A 4 4 1

SPDES ID
N Y R 2 0 A 4 5 0

SPDES ID
N Y R 2 0 A 4 3 7

SPDES ID
N Y R 2 0 A 4 4 8

SPDES ID
N Y R 2 0 A 4 3 4

SPDES ID
N Y R 2 0 A 3 6 0

SPDES ID
N Y R 2 0 A 4 4 6

SPDES ID
N Y R 2 0 A 4 4 5

SPDES ID
N Y R 2 0 A 0 1 1

SPDES ID
N Y R 2 0 A 0 0 2

SPDES ID
N Y R 2 0 A 1 0 7

SPDES ID
N Y R 2 0 A

SPDES ID
N Y R 2 0 A

SPDES ID
N Y R 2 0 A

SPDES ID
N Y R 2 0 A

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2022

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
K e n n e t h	G	A r n o l d

Title
C o m m i s s i o n e r o f P u b l i c W o r k s

Address
1 1 9 4 P r o s p e c t A v e n u e

City	State	Zip
W e s t b u r y	N Y	1 1 5 9 0 - 2 7 2 3

eMail
k a r n o l d @ n a s s a u c o u n t y n y . g o v

Phone	County
(5 1 6) 5 7 1 - 9 6 0 4	N a s s a u

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2022

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

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9,

2	0	2	2
---	---	---	---

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

1 5 V a n d e r v e n t e r A v e

City

P o r t W a s h i n g t o n

State

N Y

Zip

1 1 0 5 0 - 3 7 1 0

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,

2	0	2	2
---	---	---	---

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

w	w	w	.	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	.	o	r	g	/	P	D	F		P	U	B	L	I	C	/	W	a	t	e	r		Q	u	a
l	i	t	y		D	a	t	a	/																				

URL

*	T	h	e	r	e		s	h	o	u	l	d		b	e		u	n	d	e	r	s	c	o	r	e	s		
i	n		t	h	e		s	p	a	c	e	s		a	b	o	v	e	*										

URL

URL

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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				
---	---	---	---	---	--	--	--	--

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

s	e	p	t	i	c		m	a	i	n	t	e	n	a	n	c	e		b	o	a	t		p	u	m	p	o	u	t			
---	---	---	---	---	---	--	---	---	---	---	---	---	---	---	---	---	---	--	---	---	---	---	--	---	---	---	---	---	---	---	--	--	--

Other

2. Specific audiences targeted during this reporting period:

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

s	t	u	d	e	n	t	s		b	o	a	t	e	r	s		h	o	m	e	o	w	n	e	r	s					
---	---	---	---	---	---	---	---	--	---	---	---	---	---	---	---	--	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--

Other

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022

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:

- Construction Site Operators Trained # Trained
- Direct Mailings # Mailings
- Kiosks or Other Displays # Locations
- List-Serves # In List 1 8 7
- Mailing List # In List
- Newspaper Ads or Articles # Days Run 1 4
- Public Events/Presentations # Attendees
- School Program # Attendees
- TV Spot/Program # Days Run
- Printed Materials: Total # Distributed 1 5 0

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

Y	O	U	R		V	I	L	L	A	G	E		H	A	L	L			

Other:

F	a	c	e	b	o	o	k	,		T	w	i	t	t	e	r			
---	---	---	---	---	---	---	---	---	--	---	---	---	---	---	---	---	--	--	--

Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

URL

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

URL

n	o	t	e	-	t	h	e	r	e		s	h	o	u	l	d		b	e		u	n	d	e	r	s	c	o	r	e	s
i	n		t	h	e		a	b	o	v	e		w	h	e	r	e		s	p	a	c	e	d							

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022

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

URL

h	t	t	p	:	/	/	w	w	w	.	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	.	o	r	g	/	r	e	d	u	c	e	-	y	o	u	r	-	i	m	p	a	c
t	.	h	t	m	l																										

URL

w	w	w	.	g	e	t	p	u	m	p	e	d	l	i	.	o	r	g	/	r	e	s	o	u	r	c	e	s	/		
w	w	w	.	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	.	o	r	g	/	s	t	o	r	m	w	a	t	e	r	.	h	t	m										

URL

h	t	t	p	:	/	/	w	w	w	.	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	.	o	r	g	/	P	D	F		P	U	B	L	I	C	/						
*	u	n	d	e	r	s	c	o	r	e																					

URL

h	t	t	p	:	/	/	w	w	w	.	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	.	o	r	g	/	g	e	e	s	e	.	h	t	m								

URL

h	t	t	p	:	/	/	w	w	w	.	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	.	o	r	g	/	c	o	n	t	a	c	t	-	-	n	e	w	s	l	e	t	t
e	r	.	h	t	m	l																									

URL

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	.
o	r	g	/	b	o	a	t	i	n	g	.	h	t	m																	

URL

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	.
o	r	g	/	f	i	s	h	k	i	l	l	.	h	t	m																

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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				
---	---	---	---	---	--	--	--	--

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.

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

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

--	--	--	--

(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

The Manhasset Bay Protection Committee will: complete a DEC-approved QAPP, publish water quality reports, continue their quarterly newsletter (on-going) and maintain a landing page to view past newsletters. Continue and expand our social media presence (on-going). Distribute storm drain markers to member municipalities for placement on storm drains.

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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				
---	---	---	---	---	--	--	--	--

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

			1
--	--	--	---
- Comments on SWMP Received # Comments

--	--	--	--
- Community Hotlines Phone # (

5	1	6
---	---	---

)

8	6	9
---	---	---

 -

7	9	8	3
---	---	---	---
- Phone # (

--	--	--

)

--	--	--

 -

--	--	--

 Phone # (

--	--	--

)

--	--	--

 -

--	--	--
- Phone # (

--	--	--

)

--	--	--

 -

--	--	--

 Phone # (

--	--	--

)

--	--	--

 -

--	--	--
- Phone # (

--	--	--

)

--	--	--

 -

--	--	--

 Phone # (

--	--	--

)

--	--	--

 -

--	--	--
- Phone # (

--	--	--

)

--	--	--

 -

--	--	--

 Phone # (

--	--	--

)

--	--	--

 -

--	--	--
- Phone # (

--	--	--

)

--	--	--

 -

--	--	--

 Phone # (

--	--	--

)

--	--	--

 -

--	--	--
- Community Meetings # Attendees

--	--	--	--
- Plantings Sq. Ft.

--	--	--	--
- Storm Drain Markings # Drains

--	--	--	--
- Stakeholder Meetings # Attendees

		6	0
--	--	---	---
- Volunteer Monitoring # Events

		1	3
--	--	---	---
- 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,

2	0	2	2
---	---	---	---

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				
---	---	---	---	---	--	--	--	--

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.

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

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

--	--	--	--

(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).

Operate a Seabin trash collector and use citizen scientists to catalog what is collected.
 Begin the development of a new Water Quality Improvement Plan for Manhasset Bay, which will include public meetings and public input.

**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 2021, 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):

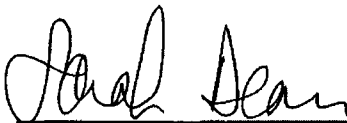
Assist member municipalities in identifying available post construction stormwater management control measures, requirements and procedures, and report any observed instances of post construction to the member municipality and/or appropriate agency or agencies.

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

March 17, 2022

Date

Sarah Deonarine
Name

Executive Director
Title

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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				
---	---	---	---	---	--	--	--	--

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?

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. %

Estimate what percentage was mapped in this reporting period. %

MANHASSET BAY PROTECTION COMMITTEE
Phase II Activities Undertaken
On Behalf of Member Municipalities
March 10, 2021 to March 9, 2022 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 organically grew the distribution list from 165 to 187 recipients. A link to sign-up is posted on the Committee’s website and on the Facebook page. Two newsletters were released in this reporting period (all were also posted to the Committee’s Facebook and Twitter pages). An archive of all past mailings is here: <https://us17.campaign-archive.com/home/?u=df70a805d021557ae64c3aaa5&id=f7fd5c7f5f>.
 - Winter 2022 Newsletter: https://mailchi.mp/1bdbff19e58e/winter_2022
 - Fall 2021 Newsletter: <https://mailchi.mp/6ce7cd448b54/fall2021>
- Updated the Committee’s website to give it a new, clean look and in an effort to make the website more navigable: manhassetbay.info
- Continued to grow the Committee’s Facebook presence (<https://www.facebook.com/manhassetbay/>) and again participated in the #DontTrashLIS social media campaign run this past August – September by the Long Island Sound Study and the member organizations of its Citizens Advisory Committee, which highlighted the problem of plastic waste to wildlife and water quality. The Committee’s Facebook page has 379 followers.
- Started a YouTube channel (<https://www.youtube.com/channel/UCCoVUZAvyiQ-fsg8y6DiKSQ>) to post recordings of meetings and, in the future, educational information.
- The Committee maintained their new Twitter (<https://twitter.com/manhassetbaypc>) and Instagram (<https://www.instagram.com/manhassetbaypc/>) accounts
- Co-hosted a virtual public joint protection committee meeting with the Hempstead Harbor, Oyster Bay/Cold Spring Harbor, and Peconic Estuary Protection Committees, the Setauket Harbor Task Force, and Friends of the Bay which was held on May 20, 2021. A recording of the meeting was posted to the Hempstead Harbor Protection Committee’s YouTube page and a link to it is on MBPC’s website. The meeting’s topic was “Local Efforts to Reduce Nitrogen.”
- Began planning this year’s public joint protection committee meeting with the Hempstead Harbor, Oyster Bay/Cold Spring Harbor, and Peconic Estuary Protection Committees, the Setauket Harbor Task Force, and Friends of the Bay to be held May 12, 2022 virtually. Topic and agenda are still being discussed.
- Staffed an informational table with educational pamphlets, giveaways, and kids’ activities at the Long Island Clean-Water Vendor Day (July 14, 2021). The Committee also co-hosted the event.

- Forwarded numerous [newspaper articles](#) to municipal representatives and others on water quality and environmental issues important to Manhasset Bay. Some of these were also posted to the Committee’s social media.
- Monitored Nassau County sewage spill reports and notified Committee members and others when one was reported on Manhasset Isle in June 2021 after a force main, maintained by the Village of Manorhaven, leaked untreated sewage.
- Manhasset Bay and/or the Protection Committee were the subject of 14 news articles published during the reporting period. The list of news articles is attached.
- Participated in and gave a presentation to a boat outing that left from Manhasset Bay, about the Bay, the Protection Committee, and our top most pressing issues. The boat trip was planned by the National Fish and Wildlife Foundation for the Long Island Sound Funder’s Collaborative and there were 26 participants (October 14, 2021).
- Responded to questions from both member municipalities and the public about “how do I get involved,” MS4 program, where stormwater pollution comes from, why does the Bay smell, and other inquiries.
- Distributed educational brochures about stormwater pollution, watersheds, feeding geese, organic gardening, impacts of pet feces on water quality, water conservation, clean boating, storm drain markings, and other water quality related topics as was feasible given the Novel Coronavirus.
- Kept the municipalities up-to-date on trainings and other events.

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) virtual Manhasset Bay Protection Committee meetings (open to the public) on April 15, 2021, May 20, 2021, June 17, 2021, September 23, 2021, November 4, 2021, and January 20, 2022. Most meetings were transcribed and both meeting minutes and transcriptions were posted to http://www.manhassetbayprotectioncommittee.org/PDF_PUBLIC/Minutes/2021/ and https://manhassetbayprotectioncommittee.org/PDF_PUBLIC/Minutes/2022/. Those meetings that weren’t transcribed were posted to the Committee’s new YouTube channel.
- Organized two simultaneous beach clean-ups for the annual Ocean Conservancy’s International Coastal Clean-up. Teams assembled and cleaned at Manorhaven Beach Town Park and Bay Walk Park on Saturday, September 25, 2021. All totaled, 148 volunteers (adults, teens, and kids) picked up over 200 pounds of trash. Additionally, this year’s clean-up included a “fun patch” for all the children who participated and other giveaways, including informational brochures. Links to the email announcements are [attached](#).
- Began planning, for the first time ever, a spring beach clean-up that will occur on two separate dates.
- Member of the Town of North Hempstead Waterfront Advisory Committee, whose meetings are also open to the public
- The Town of North Hempstead and the Committee, and with funding from the NYS Department of State, selected a vendor for the Development of a Manhasset Bay Water

Quality Improvement Plan. The contract was signed in March and work was expected to begin immediately.

- Served as the member representative for the Committee on the Long Island Nitrogen Action Plan's (LINAP) Nassau County Subwatershed Planning Advisory work group and Solute Transport Model Advisory work group. 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.
- Conducted a weekly water quality monitoring program (June through August) with North Hempstead Bay Constables and Nassau County Dept. of Health. The Committee's summer intern assisted in the collection and collation of this data.
- Distributed information on the Great Neck and Port Washington Water Pollution Control Districts' *Shed the Meds* collection programs, the Town of North Hempstead's STOP programs, and the Town's Sustainability classes and programs throughout the reporting period.
- Began planning an upcoming joint protection committee meeting (public) with the Hempstead Harbor, Oyster Bay/Cold Spring Harbor, and Peconic Estuary Protection Committees, the Setauket Harbor Task Force, and Friends of the Bay to be held May 12, 2022 virtually. Topic and agenda are still being discussed.
- Continued editing and distributing introductory folders to new committee member representatives in order to educate them on the Committee, stormwater, and regulations. The goal is to make new representatives comfortable in their new role.
- Alerted member municipalities to the release of DEC's Draft SPDES General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (GP-0-22-002) as well as updates to the DEC's 303(d) list of Impaired Waters.

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 (June through September) with North Hempstead Bay Constables and Nassau County Dept. of Health.
- Included removing illegal downspout hook-ups as a "What You Can Do" tip.

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 alerted member municipalities to the release of DEC's Draft SPDES General Permit for Stormwater Discharges from Municipal Separate

Storm Sewer Systems (GP-0-22-002). The Protection Committee also provided the municipal members with example language and instructions on submitting comments

- The Protection Committee was signatory to three different letters to DEC during the abovementioned public comment period. The effort put into communicating with the member municipalities, reviewing the draft permit and fact sheet, drafting comments, and editing multiple letters was quite extensive.
- 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 of public comment periods as described above.
- 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

- The Manhasset Bay Protection Committee is nearing completion of their first ever DEC-approved Quality Assurance Project Plan (QAPP). This will be finalized by May 2022.
- Due to work on the QAPP, the Manhasset Bay Protection Committee was set back on the goals to finalize and publish the water quality report based on weekly monitoring data collected 2016 to 2018 and a bacteria trend report. These reports will be completed, but an exact date is unknown.
- The Committee is poised to begin the development of a new Water Quality Improvement Plan for Manhasset Bay utilizing State and Committee funds. The contractor's first task is to complete an outreach plan for the project.

- The Seabin, floating trash receptacle, has not yet been operational. The Committee's plan now is to partner with a marina to get it into the water and begin full operation this summer.

2021 – 2022 Newsletters and Mailings:

Articles include reducing nitrogen, recycling electronics, and spring volunteer beach clean-up dates, among others

April 2022 Manorhaven Beach Clean-up

January 29, 2022

<https://mailchi.mp/6692627ab419/april2022-manorhaven-beach-cleanup>

Winter 2022 Newsletter

January 25, 2022

https://mailchi.mp/1bdbff19e58e/winter_2022

Fall 2021 Newsletter

November 10, 2021

<https://mailchi.mp/6ce7cd448b54/fall2021>

2021 Beach Cleanup (August reminder)

August 25, 2021

<https://mailchi.mp/614c73dbd1e4/2021-annual-beach-cleanup-13382971>

2021 Beach Cleanup (July reminder)

July 25, 2021

<https://mailchi.mp/82e1d0c1d463/2021-annual-beach-cleanup-13382959>

2021 Beach Cleanup: second location added:

July 8, 2021

<https://mailchi.mp/0454383db195/2021-annual-beach-cleanup-13382947>

2021 Beach Cleanup

June 23, 2021

<https://mailchi.mp/ca2e32fc3eb9/2021-annual-beach-cleanup-13379203>

Shed the Meds - Spring 2021

April 21, 2021

<https://mailchi.mp/f37dbf7463ec/spring-2021-shed-the-meds>

2021 Home Sustainability Classes

April 5, 2021

<https://mailchi.mp/4b7417ae4af8/2021sustainability-classes-start-this-saturday>

Manhasset Bay Protection Committee 2021 – 2022 News Articles

Beach Clean-Up

Port News Staff. (2021, November 6). Annual Volunteer Beach Cleaning Event Returns. *Port Washington News*. Retrieved from: <https://portwashington-news.com/annual-volunteer-beach-cleaning-event-returns/> -- Submitted by the Town of North Hempstead

Island Now, The. (2021, September 16). Volunteers needed for annual Manhasset Bay Beach International Coastal Cleanup. *The Island Now*. Retrieved from: <https://theislandnow.com/community-news/volunteers-needed-for-annual-manhasset-bay-beach-international-coastal-cleanup/>

Manhasset Press. (2021, July 24). Manhasset Bay to get some TLC. *Manhasset Press*. Retrieved from: <https://manhassetpress.com/manhasset-bay-to-get-some-tlc/>

Infrastructure Bill Passes

Scott-Smith, B. (2021, November 9). Long Island Sound to get big influx in federal dollars from infrastructure bill. *WSHU*. Retrieved from: <https://www.wshu.org/connecticut-news/2021-11-09/long-island-sound-to-get-big-influx-in-federal-dollars-from-infrastructure-bill>

Detelj, T. (2021, November 9). Local leaders, environmental advocates celebrate millions set aside to protect and restore wildlife along Long Island Sound. *WTNH*. Retrieved from: <https://www.wtnh.com/news/connecticut/local-leaders-environmental-advocates-celebrate-millions-set-aside-to-protect-and-restore-wildlife-along-long-island-sound/>

Manhasset Press. (2021, August 28). Schumer Reveals Record \$106 Million for Long Island Sound. *Manhasset Press*. Retrieved from: <https://manhassetpress.com/schumer-reveals-record-106-million-for-long-island-sound/>

Ryan, C. (2021, August 25). \$106M Awarded to Protect, Improve, Preserve LI Sound. *Port Washington News*. Retrieved from: <https://portwashington-news.com/106m-awarded-to-protect-improve-preserve-li-sound/>

Federal Funding

Duffy, B. (2021, Aug 18). Senator Schumer announces ‘Surge to the Sound’ in Port Washington. *The Island Now*. Retrieved from: <https://theislandnow.com/featured/senator-schumer-announces-surge-to-the-sound-in-port-washington/>

D'Iorio, D. (2021, Aug 16). Long Island Sound Could Get \$106 Million for Cleanup and Restoration. *WSHU*. Retrieved from: <https://www.wshu.org/post/long-island-sound-could-get-106-million-cleanup-and-restoration#stream/0>

News 12 Staff. (2021, Aug 13). \$1.2 trillion infrastructure bill would allocate \$106 million to Long Island Sound restoration efforts. *News 12 Long Island*. Retrieved from: <https://longisland.news12.com/1-2-trillion-infrastructure-bill-would-allocate-106-million-to-long-island-sound-restoration-efforts?minutetv=true>

Protection Committees

Wilson-Pines, J. (2021, April 23). Readers Write: Protecting our waters. *The Island Now*. Retrieved from: <https://theislandnow.com/opinions-100/readers-write-protecting-our-waters/>

Sewers

Pelaez, R. (2021, Aug 17). Great Neck Water Pollution Control District touts efforts to mitigate excess nitrogen in Manhasset Bay. *The Island Now*. Retrieved from: https://theislandnow.com/great_neck/great-neck-water-pollution-control-district-touts-efforts-to-mitigate-excess-nitrogen-in-manhasset-bay/

Weldon, R. (2021, April 28). Locals launch petition for Plandome Road sewers. *The Island Now*. Retrieved from: <https://theislandnow.com/manhasset-107/locals-launch-petition-for-plandome-road-sewers/>

Zou, D. (2021, April 11). Study to examine cost to connect Great Neck homes to public sewer. *Newsday*. Retrieved from: <https://www.newsday.com/long-island/nassau/great-neck-sewer-cesspool-septic-1.50207441>

LINAP

Trangle, S. (2021, April 21). 'Lawn Island' Gardening retailer releases fertilizer branded for LI. *Newsday*. p. A29. Also retrieved from: <https://www.newsday.com/business/nitrogen-fertilizer-long-island-scotts-1.50221559>

Septics

Ferrette, C. (6 August 2021). Nassau County Executive Laura Curran doubles grant for replacing old septic systems. *Newsday*. Retrieved from: <https://www.newsday.com/long-island/politics/curran-septic-funding-1.50327818>

Ferrette, C. (28 April 2021) State funds to help replace septic systems. *Newsday*. p. A5

Long Island Sound

Editorial. (2021, June 14). Cleaner water takes time. *Newsday*. p. A22.

Spangler, N. (2021, June 4). Study notes oxygen gains in LI Sound. *Newsday*. p. A2.

Wilson-Pines, J. (2021, Apr 3). Earth Matters: A brief history of Long Island Sound, Part 2. *The Island Now*. Retrieved from: <https://theislandnow.com/opinions-100/earth-matters-a-brief-history-of-the-long-island-sound-part-2/>

Wilson-Pines, J. (2021, Mar 23). Earth Matters: A brief history of Long Island Sound, Part 1. *The Island Now*. Retrieved from: <https://theislandnow.com/opinions-100/earth-matters-a-brief-history-of-long-island-sound-part-1/>

Research

Benson, Judy. (2021, November 5). UConn Researchers to Explore Marine Life, Human-Sea Interaction. *UConn Today*. Retrieved from: <https://today.uconn.edu/2021/11/uconn-researchers-to-explore-marine-life-human-sea-interaction/#>

Other

Great Neck Record Staff. (2021, November 5). Great Neck Collects 543 Pounds of Pharmaceuticals. *Great Neck Record*. Retrieved from: <https://greatneckrecord.com/great-neck-collects-543-pounds-of-pharmaceuticals/>

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2022

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

Partner/Coalition Name (con't.)
Committee

SPDES Partner ID - If applicable
N Y R 2 0

Address
29 Spring Street

City State Zip
Oyster Bay NY 11771

eMail
HempsteadHarbor@gmail.com

Phone
(516) 677-5921

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 Monitoring for Runoff
- MM5 Monitoring for Runoff
- MM6 Multiple Tasks

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, rain gardens, and septic system inspection and maint

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022

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

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

septic maintenance
Other

2. Specific audiences targeted during this reporting period:

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

students
Other

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022
 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:

- Construction Site Operators Trained # Trained
- Direct Mailings # Mailings
- Kiosks or Other Displays # Locations 14
- List-Serves # In List
- Mailing List # In List 78
- Newspaper Ads or Articles # Days Run 15
- Public Events/Presentations # Attendees
- School Program # Attendees
- TV Spot/Program # Days Run
- Printed Materials: Total # Distributed

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

Village Halls																				
Town Halls																				
City Hall																				

Other:
 Facebook, YouTube

Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

URL	www.HempsteadHarbor.org/																			
	Documents > Articles & Editorial																			

URL	www.HempsteadHarbor.org/																			
	Documents > Meeting Minutes																			

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022

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

URL
<https://www.youtube.com/channel/UJ7iaY1st8TVNyjUvURU2wLQ>

URL
www.HempsteadHarbor.org/Blog

URL
[www.HempsteadHarbor.org/Documents > Brochures & Flyers](http://www.HempsteadHarbor.org/Documents%20%3E%20Brochures%20%26%20Flyers)

URL
[www.HempsteadHarbor.org/Documents > Water Quality Reports > 2021 & 2022](http://www.HempsteadHarbor.org/Documents%20%3E%20Water%20Quality%20Reports%20%3E%202021%20%26%202022)

URL

URL

URL

HEMPSTEAD HARBOR PROTECTION COMMITTEE

Phase II Activities Undertaken
On Behalf of Member Municipalities
March 10, 2021 to March 9, 2022 Permit Year

General Note: On March 11, 2020 (the second day of this permit year), the World Health Organization declared the novel coronavirus disease (Covid-19) a global pandemic. As a result, these past two permit years were unlike any other in the past. Many activities normally undertaken were required to be suspended.

MCM # 1 – Public Education and Outreach

- Maintained and updated the Hempstead Harbor website: (www.HempsteadHarbor.org) including its blog page.
- Published 3 articles in the *Sea Cliff Village Bulletin*: one on April 29, 2021 on septic system grants; another on August 9, 2021 on septic system grants; and one on November 3, 2021 on the USGS study on bacteria sources in Hempstead Harbor.
- Copied and distributed 12 articles in weekly and daily papers to municipal representatives and others on water quality issues.
- Maintained and updated a Facebook site with relevant articles on water quality.
- Updated a list of media outlets.
- Monitored Nassau County sewage spill reports for the Glen Cove and Port Washington Wastewater Treatment Facilities and posted information on Facebook and e-mailed to Committee members and others. These spills often are due to clogs in sewer mains and overflow into the storm drain system.
- 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.
- Distributed brochures on shellfishing, beach closure information, and problems associated with feeding waterfowl.
- 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.
- Participated in virtual meetings on June 29, 2021 with Congressional Representatives to promote increased funding for Long Island Sound and its embayments needed to fund stormwater efforts. These efforts were successful.
- Revised and distributed HHPC's member list.
- HHPC's Executive Director helped organize the Long Island Envirothon which was held on April 27, 2021, which had to be held virtually. Also helping to organize the 2022 event which will be in-person. Engaging students in the environment helps ensure that they become good stewards of their local waterways, including taking steps to reduce stormwater impacts.

MCM #2 – Public Participation

- Held seven HHPC meetings (open to the public). These were held on March 10, 2021, May 14, 2021, June 2, 2021, September 8, 2021, October 6, 2021, November 17, 2021, and January 12, 2022.
- Held a virtual Joint Protection Committee meeting on May 20, 2021 on local efforts to reduce nitrogen.
- Conducted a citizen's science 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 24 weeks and a bi-weekly program during the winter for another 24 weeks.
- HHPC's Executive Director continued to serve on a consortium with universities and others to help plan the use of the Town of Hempstead's restored Shellfish Laboratory. It's use is intended to provide a means for students to conduct research on shellfish pathogens, Bioextraction, etc.
- 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.
- Promoted area beach cleanups and invasive removal projects.
- Continued to work with the Long Island Sound Study Citizens Advisory Committee to educate Congressional representatives about water quality improvements and the need for additional federal funding. This effort resulted in a record level of federal funding for Long Island Sound environmental programs in FY 2021. Many of the projects funded include public participation.
- Assisted the Village of Sea Cliff by arranging funding for permanent repairs to the Scudder's Pond weir which had collapsed and rendered the pond less effective as a biofilter for stormwater runoff.

MCM # 3 – Illicit Discharge Detection and Elimination

- 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.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 the City of Glen Cove with identifying and implementing remedial measures to mitigate sources of contamination to Crescent Beach.
- Met with Harkin Aerial to discuss the feasibility of using a drone with a thermal imaging camera to identify locations where potential illicit discharges may be occurring in the Powerhouse Drain subwatershed which has been plagued by consistently high bacteria levels. A survey is planned for April 2022.

MCM # 4 – Construction Site Runoff Control

- 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

- 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

- Continued to monitor the effectiveness of the Town of Oyster Bay's installed nitrogen and bacteria catch basin filtration devices in the Powerhouse Drain subwatershed. These were installed in February of 2020.
- Assisted the Long Island Native Plant Initiative with offering low-cost native plants to municipalities and residents.
- 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.
- Assisted the Nassau County Soil and Water Conservation District with providing funding to local governments and not-for-profit organizations for conservation and water-quality projects.
- Assisted the Village of Sea Cliff by arranging funding for permanent repairs to the Scudder's Pond weir which had collapsed and rendered the pond less effective as a biofilter for stormwater runoff.

OTHER

- Continued to serve as a member of the Long Island Nitrogen Action Plan's Nassau County Subwatershed Planning Advisory Workgroup.

- Assisted Nassau County with the design of its Nine Element Plan to reduce nitrogen impacts in Hempstead Harbor and other waterbodies.

**HEMPSTEAD HARBOR PROTECTION COMMITTEE
THIRD PARTY CERTIFICATION STATEMENT
MARCH 10, 2021 TO MARCH 9, 2022 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 meetings 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

March 27, 2022
Date

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2022

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

Oyster Bay/Cold Spring Harbor

Partner/Coalition Name (con't.)

Protection Committee

SPDES Partner ID - If applicable

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

Address

111 South Street, Suite 2

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 Monitoring for Run-off
- MM5 Monitoring for Run-off
- MM6 Multiple Tasks

Additional tasks/responsibilities

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

Public education and outreach on pathogens and nutrients via storm-water runoff, green infrastructure, septic system upgrades



**Phase II Activities Undertaken
On Behalf of Member Municipalities
March 10, 2021 to March 9, 2022 Permit Year**

MCM # 1 – Public Education and Outreach

- Expanded successful Community Shellfish Gardening program and began new North Shore Oyster Gardening program branding to raise awareness of and address local water quality issues in Oyster Bay and Cold Spring Harbor engaging more than 100 families, students and organizations (i.e. Cold Spring Harbor Lab, Girl/Boy/Sea Scouts, Eagle Dock, St. John's Church, Three Harbors Garden Club, Lloyd Harbor Bath Club, Cold Spring Harbor Beach Club, Seawanhaka Corinthian Yacht Club, and local elected officials) at community gardens, local bathing and yacht clubs and private residences.
 - Outreach program involved:
 - Held Public Information and Training Zoom Meetings
 - Hands-on training at The Waterfront Center to learn about oyster life cycle, to build oyster cages and to learn how to maintain the garden
 - Weekly community cleanings at Laurel Hollow Village Hall, West Harbor Beach in Bayville, Town of Oyster Bay Conservation Management Area/The Waterfront Center and added Eagle Dock in Cold Spring Harbor.
 - Partnered with villages of Laurel Hollow and Bayville, Friends of the Bay, Cornell Cooperative Extension, the Town of Oyster Bay, the North Oyster Bay Baymen's Association and Frank M. Flower and Sons.
- Supported the Town of Oyster Bay's Bay Management Area in Cold Spring Harbor including:
 - Monitoring (2 site dives, signage and illegal harvesting)
 - Seeding (TOB clams, oysters from gardening program)
 - Support grant to monitor existing Cold Spring Harbor spawner sanctuary grant and identify locations for new spawner sanctuary in Oyster Bay.
- 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 “Get Pumped! Long Island” homeowner education kits including brochures, fact sheets and file folders to member municipalities.
 - Promoted residents to “Get Pumped!” through www.getpumpedli.org.
- Maintained www.oysterbaycoldspringharbor.org web site and [Facebook](#) pages; added [North Shore Oyster Gardening Instagram](#) page.
- Publicized public education and outreach activities in watershed through:
 - Web site - event calendar maintained at web site
 - Facebook posts – four sites: Oyster Bay/Cold Spring Harbor Protection Committee, North Shore Oyster Gardening, Scoop the Poop Long Island and GetPumpedLI!
 - Instagram site: North Shore Oyster Gardening
 - E-mail list
 - Posting signs
- Protection Committee featured in Newsday and several local weekly publications.
- Distributed public outreach materials including:
 - Portable display with branded tent and table cloth
 - Fact sheets:
 - About the Committee
 - Pump your onsite wastewater treatment system
 - Pick up after your pet
 - Don’t feed the waterfowl
 - Green Household Cleaning Alternatives
- Monitored Nassau County Sewage Spill Reports

MCM # 2 – Public Participation

- Engaged 100+ families in Oyster Bay and Cold Spring Harbor watershed to raise 1,000+ oysters each (150,000 total) to increase awareness of and involvement in water quality issues affecting the water body. Program included two public meetings, two training days, twelve community cleanings, and a year-end celebration.
- Support Friends of the Bay’s Volunteer Water Quality Monitoring Program and participation in the Unified Sound Wide monitoring program
- Held five (5) Oyster Bay/Cold Spring Harbor Protection Committee ZOOM meetings (open to the public) in March, May, September, and December in 2021, and January 2022.

- 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, Long Island Native Plants Initiative, Save the Great South Bay
- Maintained Oyster Bay/Cold Spring Harbor Protection Committee and Oyster Gardening mailing list (300+ combined).
- Financially contributed to Friends of the Bay Citizens Water Quality Monitoring Program.

MCM # 3 – Illicit Discharge Detection and Elimination

- Engaged Cornell Cooperative Extension to identify possible illicit discharges in Cold Spring Harbor based on existing studies (Outfall #273) and via the *Cold Spring Harbor Watershed Initial Characterization and Management of Pathogens Affecting Sanitary Condition of Shellfish Lands* (Spring Street, Laurel Hollow, and Cold Spring Brook Subwatersheds) Phase II – Microbial Source Tracking
- 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.
- Promoted Nassau and Suffolk county innovative and alternative septic system upgrade campaign.
- Pursuing, with the Village of Bayville, connecting businesses in “The Stands” on Bayville Avenue to the Glen Cove Sewage Treatment Plants with Nassau County Department of Public Works.
- Advocated for Comprehensive Wastewater Management Plan for Incorporated Village of Bayville.
- 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.
- Distributed articles, newsletters, studies, research papers, grant opportunities and other information of interest to municipal partners.
- 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.
- Assisted the Long Island Native Plant Initiative with offering low cost native plants to municipalities and residents.
- Facilitated meetings with Long Island Sound Study/New York Sea Grant Coastal Resiliency Outreach Specialists
- Implementing comprehensive Pet Waste Management Program including promoting Pet Waste Stations.

Other

- Scanning and monitoring potential environmental issues important to local governments including:
 - Long Island Sound Study
 - Long Island Nitrogen Action Plan
 - Suffolk County Subwatersheds Wastewater/9E Plan
 - Nassau County 9E Plan
- Supported grants related to Oyster Bay and Cold Spring Harbor including:
 - **Cold Spring Harbor Watershed Initial Characterization and Management of Pathogens Affecting Sanitary Condition of Shellfish Lands – Microbial Source Testing** (Laurel Hollow and Cold Spring Brook Subwatersheds) – *Cornell Cooperative Extension - granted funded by Nassau County Soil and Water Conservation District and matched by the Oyster Bay/Cold Spring Harbor Protection Committee.*

- **Oyster Habitat Restoration and Monitoring Utilizing Spawner Sanctuaries in Oyster Bay and Cold Spring Harbor** – Friends of the Bay, Adelphi University and Cornell Cooperative Extension funded by the Long Island Sound Study Futures Fund
- **Utilizing Seabin Floating Litter Trap Technology to Remediate Plastic Pollution in the Long Island Sound and Provide an Educational Platform for Plastic Pollution Reduction Education** – *Cornell Cooperative Extension granted funded by Long Island Sound Futures Fund*
- **Nassau SEPTIC Program delivery** funded by North Shore Land Alliance
- **Kelp Nutrient Bioextraction** in West Harbor and Laurel Hollow by Adelphi University funded by LIS Futures Fund and The Moore Family Foundation
- **Managed the Oyster Bay/Cold Spring Harbor Protection Committee** including:
 - Hosting five (5) regular meetings open to the public 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 oyster gardening, 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 11, 2022

Signature

Date

Rob Crafa

Coordinator

Name

Title

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2022

Name of MS4 County of Nassau

SPDES ID
N Y R 2 0 A 0 2 2

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

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

SPDES Partner ID - If applicable

N Y R 2 0

Address

N a s s a u H a l l 1 8 6 4 M u t t o n t o w n R o a d

City

S y o s s e t

State

N Y

Zip

1 1 7 9 1 -

eMail

n a s s a u s w c d @ o p t o n l i n e . n e t

Phone

(5 1 6) 3 6 4 - 5 8 6 0

Legally Binding Agreement in accordance with GP-0-08-002 Part IV.G.?

Yes No

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

MM1 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

MM4 T r a i n i n g s

MM5

MM6

Additional tasks/responsibilities

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

Outreach Report Nassau County SWCD (3-21-2021 to 3-20-2022)

Who	What	Where	When	Attendance	Adults Outreached	Children Outreached	Total Outreached
Olivia	Nassau Design Professionals SEPTIC Informational Webinar	Online	5/10/2021	15	15	0	15
Derek, Olivia	Water Chestnut Removal	Massapequa Preserve	6/11/2021	20	20	0	20
Derek, Olivia	Water Chestnut Removal	Twin Lakes, Wantagh	6/17/2021	15	15	0	15
Derek, Olivia	Water Chestnut Removal	Hempstead Plains	9/17/2021	15	15	0	15
Derek, Olivia	Long Island Clean Water Vendor Day	Oyster Bay	7/14/2021	60	60	0	60
Derek, Olivia	Roman Stone Systems WaterWater Conference	Bayshore	8/3/2022	50	50	0	50
Derek, Olivia	County Press release about SEPTIC funds	Cedarmere	8/6/2021	75	75	0	75
Derek, Olivia	NSLA Board of Trustee Nassau SEPTIC Presentation	Online	9/11/2021:	25	25	0	25
Derek, Olivia, Sean, Tom	SEPTIC Program overview Meeting Village of Bayville	Online	11/3/2021	5	5	0	5
Derek, Olivia, Sean, Tom	SEPTIC Program overview Meeting Village of Sea Cliff	Online	11/17/2021	5	5	0	5
Derek, Olivia	Friends of the Bay Applying Clean Water Tech to LI Septic Systems Webinar	Online	11/18/2021:	20	20	0	20
Derek, Olivia	Women in Nature Conservation on Long Island (WINC) Meeting	Online	11/18/2021:	15	15	0	15
Derek, Olivia	North Shore Land Alliance Board of Trustees and Members Annual Meeting	Online	12/4/2021	20	20	0	20
Derek, Olivia, Sean, Tom	SEPTIC Program overview Meeting Village of East Hills	Online	12/10/2021	5	5	0	5
Derek, Olivia, Sean, Tom	SEPTIC Program overview Meeting Village of Brookville	Online	12/21/2021	5	5	0	5
Derek, Olivia, Sean, Tom	SEPTIC Program overview Meeting Village of Kings Point	Online	12/28/2021	5	5	0	5
Derek, Olivia	Save the Great South Bay Water Matters Webinar	Online	1/15/2022	30	30	0	30
Derek, Olivia, Sean, Tom	SEPTIC Program overview Meeting Town of North Hempstead	Online	2/24/2022	5	5	0	5
Derek, Olivia	North Shore Land Alliance Board of Trustee Meeting	Online	2/26/2022:	15	15	0	15
Derek, Olivia, Sean, Tom	SEPTIC Program overview Meeting Town of Oyster Bay	Online	3/3/2022	5	5	0	5
Derek, Olivia	North Shore Village Mandate and Code Meeting with TNC and NSLA	Online	3/14/2022:	25	25	0	25
				420	420	0	420

Social Media / Website										
District Website - Unique Visits	Post/Page Views		Direct Page Interactions							
	5,920		88,331							
Envirothon website - Unique Visits	Post/Page Views		Direct Page Interactions							
	5,511		16,444							
Facebook/Instagram	Post/Page Views		Direct Page Interactions							
	65 / 474		141							



Nassau County's Septic Environmental Program To Improve Cleanliness (S.E.P.T.I.C.) Grant Program

ANNUAL REPORT TO NYS ENVIRONMENTAL FACILITIES CORPORATION (NYS EFC) ON NASSAU COUNTY'S S.E.P.T.I.C. GRANT PROGRAM

Report on Activity from May 2021 through March 2022

Prepared By:



Justin P Jolin, Environmental Scientist

Coastal Wastewater Solutions, LLC

Prepared for:

The New York State Environmental Facilities Corporation
625 Broadway
Albany, NY 12233-3502

and

The New York State Department of Environmental Conservation
Division of Water
625 Broadway
Albany, NY 12233-3502

Tables of Contents

	<u>Page</u>
I. Purpose of SSRP Annual Report to EFC and DEC	2
II. Overview of Nassau County's S.E.P.T.I.C. Grant Program	2
III. Key Program Modifications	4
IV. Public Education and Outreach	5
V. Program Statistics	5
VI. Projected Funding Demands for 2020 and 2021	7

Attachments

- I. Education and Outreach Summary and Presentation Links
 - A. [Summary of Education and Outreach Efforts.docx.pdf](#)
 - B. [NCSWCD S.E.P.T.I.C. Program Overview Presentation.pdf](#)
 - C. [NCSWCD 10-20-21 Industry Info Exchange.pdf](#)
 - D. [Nassau County Clean-Water Septic System Demonstration Day - Flyer.pdf](#)
- II. [Map of Active Applicants as of March 7, 2022](#)

I. Purpose of Annual Report to DEC and EFC

In accordance with Nassau County's Participation Agreement with the New York State Environmental Facilities Corporation ("EFC"), the County must provide an annual report to EFC and the Department of Environmental Conservation by April 1st of each year, providing details about the County's actual use of monies from the Fund in the Program.

The agreement states that the report should include, but not be limited to:

- a description of the status of the county's development, implementation, and administration of the Program at the county level.
- a description of the outreach the county has undertaken to reach eligible property owners.
- a description of the number of applications received from property owners from March 1, 2019, to present, the number of septic system projects your county has approved for funding so far, the number of grant applications that the county has rejected, the number of septic system projects that have been completed, and the number and amount of grants that have been paid to property owners.

The Nassau County Soil and Water Conservation District (District) has been delegated and authorized by Nassau County as the entity to administer the S.E.P.T.I.C. Grant program which includes funds from the following sources:

1. State Funding: The Clean Water Infrastructure Act of 2017 established the "State Septic System Replacement Fund" and allocated \$75 million to support a multi-year program. Nassau County received notification from NY State Department of Environmental Conservation (DEC) and New York State Environmental Facilities Corporation (EFC) that \$2,000,000 has been awarded to Nassau County as of the date of these Rules. If the S.E.P.T.I.C. Grant Program is successful, the County is hopeful to receive additional SSRP over the next several years.
2. County Funding: the County of Nassau has received and appropriated monies from the Coronavirus Local Fiscal Recovery Fund (CLFRF), established by Subtitle M of Title IX of the American Rescue Plan Act of 2021 (ARPA). Published CLFRF Program Guidance provides a nonexclusive listing of permissible uses for CLFRF funding, including making necessary investments in water, sewer, and broadband infrastructure. The County has dedicated \$2,000,000 in ARPA funds towards grants for the coordinated installation of Innovative and Alternative Onsite Wastewater Treatment Systems (IA OWTS), which constitute a necessary improvement and as such, are considered eligible projects pursuant to the terms of the Clean Water State Revolving Fund.

II. Overview of Nassau County's S.E.P.T.I.C. Grant Program

Nassau County's Septic Environmental Program To Improve Cleanliness (S.E.P.T.I.C.) Grant Replacement Program is available to Property Owners meeting the qualifications of the New York State Septic System Replacement Program Outline published by the State Environmental Facilities Corporation in addition to the District's [Guidance Memo 1: Rules Implementing County and State IA OWTS Grant Assistance Program](#).

The Program is administered by the District consistent with the Agreement currently in place between Nassau County and the State Environmental Facilities Corporation (EFC) and the Agreement currently in place between Nassau County and the Nassau County Soil and Water Conservation District. Eligible Property Owners may receive total grant funds of up to \$20,000 for the installation of a nitrogen-reducing IA OWTS. Property owners can apply online (application link) and can choose to either pay out-of-pocket for the installation and apply for reimbursement or elect to assign their grant award directly to the septic system Installer to avoid large out-of-pocket expenditures.

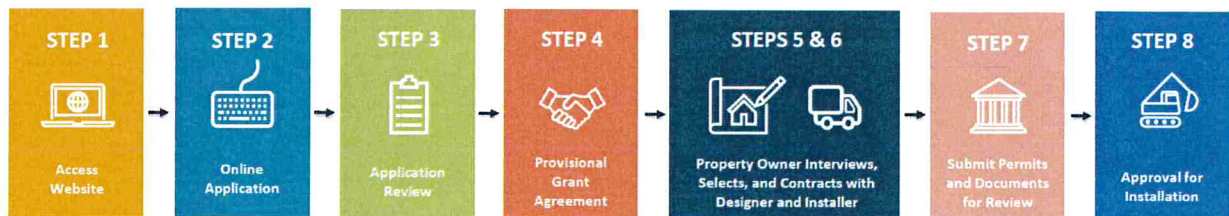
Administration and Staffing

As the County’s designated administrative entity for the S.E.P.T.I.C. Grant Program, the Nassau County Soil and Water Conservation District (the District) has already made significant headway in standardizing and streamlining the S.E.P.T.I.C. Grant Program development, application, and implementation process. We have relied heavily on existing monetary support from the Long Island Regional Planning Council, and last year we anticipated that additional financial support would be needed to administer the program through to the end of 2022. We note that since this program began, state-allocated funding has doubled the number of grants that we must administer, and we fully expect that future state funding as well as possible federal funding will continue to significantly expand these administrative tasks. In light of this, the District submitted a request for additional funds from Nassau County and was awarded just under \$200,000. These additional funds helped to supplement the original administrative award of \$100K, bringing the total administrative budget through the end of 2022 to \$300K. These funds are used to cover the following:

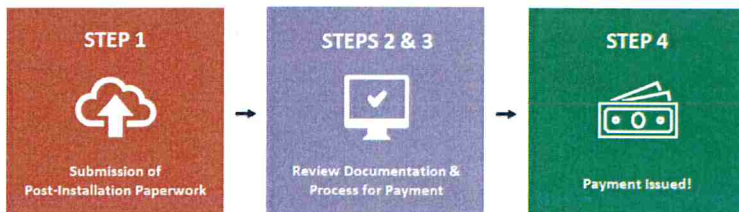
- Retaining a professional consultant through to the end of 2022
- Hiring a dedicated Conservation Technician to assist the Program
- Covering some salary costs for the Current District Manager and two additional Conservation Technicians
- Covering certain IT upgrades that were deemed necessary to improve the ability and efficiency of the District to manage the program, the application component of which is entirely online.

Nassau’s S.E.P.T.I.C. Program – Workflow

Part 1: Application Process



Part 2: Payment Process



Additional Needs Include Maintenance Tracking & Reporting



III. Key Program Modifications To-Date

After the Program launch in May of 2021, it became apparent that there needed to be some program modifications in order to better serve the needs of the applicants. Standing weekly meetings between the District and the County have been held with participation of our partners The Nature Conservancy and the North Shore Land Alliance. In addition, weekly meetings have also been held with the County's IT Department in order to fine tune the online process. The District put in place the following Program Modifications to further incentives and streamline the process for property owners looking to upgrade their existing cesspools and septic systems to help the County, State, and LINAP to realize nitrogen load reduction goals:

- (1) *Identification and Allocation of Additional Funding:* On July 12, 2021, the Nassau County Legislature approved the County's request to appropriate \$3,000,000 of CLFRF/ARPA funding to provide for an additional County grant of up to \$10,000 that could be coupled with the \$2,000,000 in SSRP funds previously awarded to Nassau County.
- (2) *Simplified the Application Process:* Eliminated questions on the application that were not applicable to nitrogen reducing septic systems, changed the workflow so that certain information is collected at different stages of the Process.
- (3) *Decision to Allow Two Party Authorization:* Property Owners may now choose to enter into a two-party authorization directly with an installer on the District's list to minimize out-of-pocket expenses. Property Owners may only enter into a two-party authorization with the installer and are expected to pay the Designer upfront for design costs but may submit for partial reimbursement if there are remaining grant funds after the installation has been paid out by the District.
- (4) *Issue a Request for Expression of Interest (RFEI) for Designers and Installers:* This process allows Installers and Designers who are interested in participating in the Grant Program to submit documentation through an online portal. If the interested companies meet State and County requirements, they are added to a list maintained by the District.
One current issue we are facing is the delayed release of funds for reimbursement. This is causing a bottleneck regarding installations as our Installers are hesitant to move forward with additional installations without having first been paid for those installations already completed. The District has recently had a meeting with the County Comptroller's office to address this and we are confident that we have found a path forward.
- (5) *Develop a Provisional Grant Process:* If applicants meet the base eligibility criteria, and grant funding is available, they will be issued Provisional Grant Approval. The Applicant will then be given (30) days to execute a Grant Agreement with the District and an additional sixty (60) days to select and contract with an NYS Design Professional and ultimately select and contract with an installer on the District's Lis.
- (6) *Consultation and Guidance to Local Jurisdictions:* for retrofits and replacement of existing systems, the permitting authority belongs to the local City, Town, or Village and property owner. The District has been meeting with these jurisdictions to present the S.E.P.T.I.C Initiative.

(7) *Creation of S.E.P.T.I.C Program Documents:* The District has worked with its consultant, Justin Jobin of Coastal Wastewater Solutions, LLC, and Nassau County to prepare the following documents to clarify and streamline the District's role in the Program:

- (a) Program Rules
- (b) Guidelines on the Acceptance, Use, and Management of IA OWTS in Nassau County
- (c) Utilization of a single modified Grant Agreement between Grant Awardee and the District that covers both County and State grants.
- (d) Guidelines for the Design and Construction of IA OWTS in Nassau County
- (e) Guidelines for when certain requirements of NYS 75-A may be relaxed when utilizing IA OWTS for repair or replacement of existing systems on lots where NYS 75-A may not be able to be met.
- (f) Installation Certification Packet to be completed by the Installer prior to dispersal of Grant Funds

IV. Public Education and Outreach

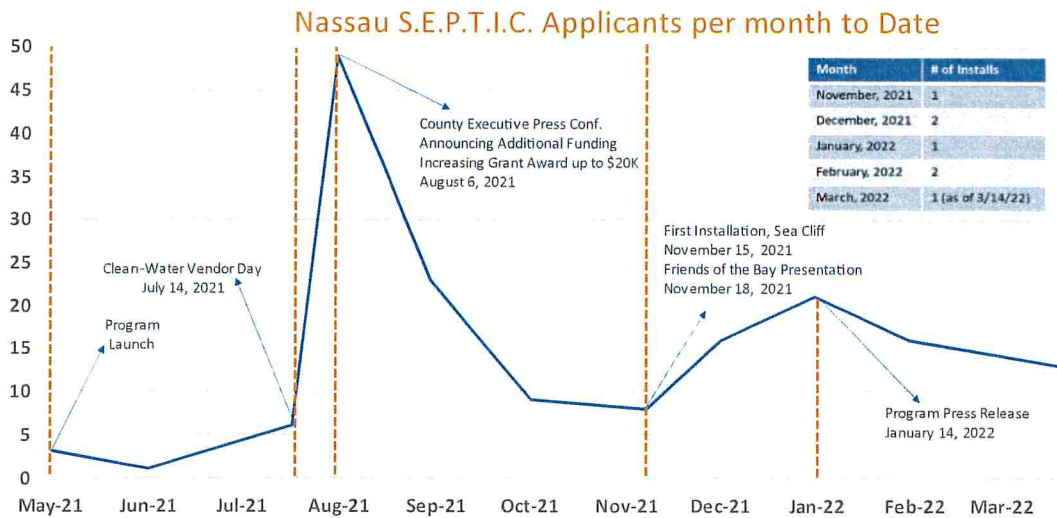
Outreach and engagement have been key to the success of the S.E.P.T.I.C. Grant Program. In 2021, The District and County worked with over 16 partner groups on the following:

- ✓ 14 Community presentations and meetings
- ✓ 3 Press conferences
- ✓ 5 written homeowner testimonials
- ✓ 7 meetings with Town and Village building departments
- ✓ 1 Industry Information Exchange Meeting
- ✓ 35 Sub watersheds Wastewater Plan Education Presentations and Meetings

[Attachment I. A](#) of this report includes a summary of all Public Education and Outreach to date.

V. Program Statistics

Nassau's S.E.P.T.I.C. Program – Program Statistics



The graphic shows the breakdown of grant applications received by the month. The orange lines indicate significant Grant Program events. The Program coverage received from Clean Water Vendor Day and the County Executive’s Press conference announcing an increase in funding in July and August were by far the most successful at attracting applicants. In addition, the S.E.P.T.I.C. Program webinar held by the North Shore Land Alliance in November of 2021, combined with the first installation on November 15, 2021, were effective at raising the monthly application rate from below 10 in November of 2021 to over 15 per month since. Being cognizant of the most effective methods to increase public awareness and interest in the Program will allow the District to work with partners to host more of these types of events in 2022 and 2023.

Table Illustrating NYS SSRP Statistics from May of 2021 – February of 2022

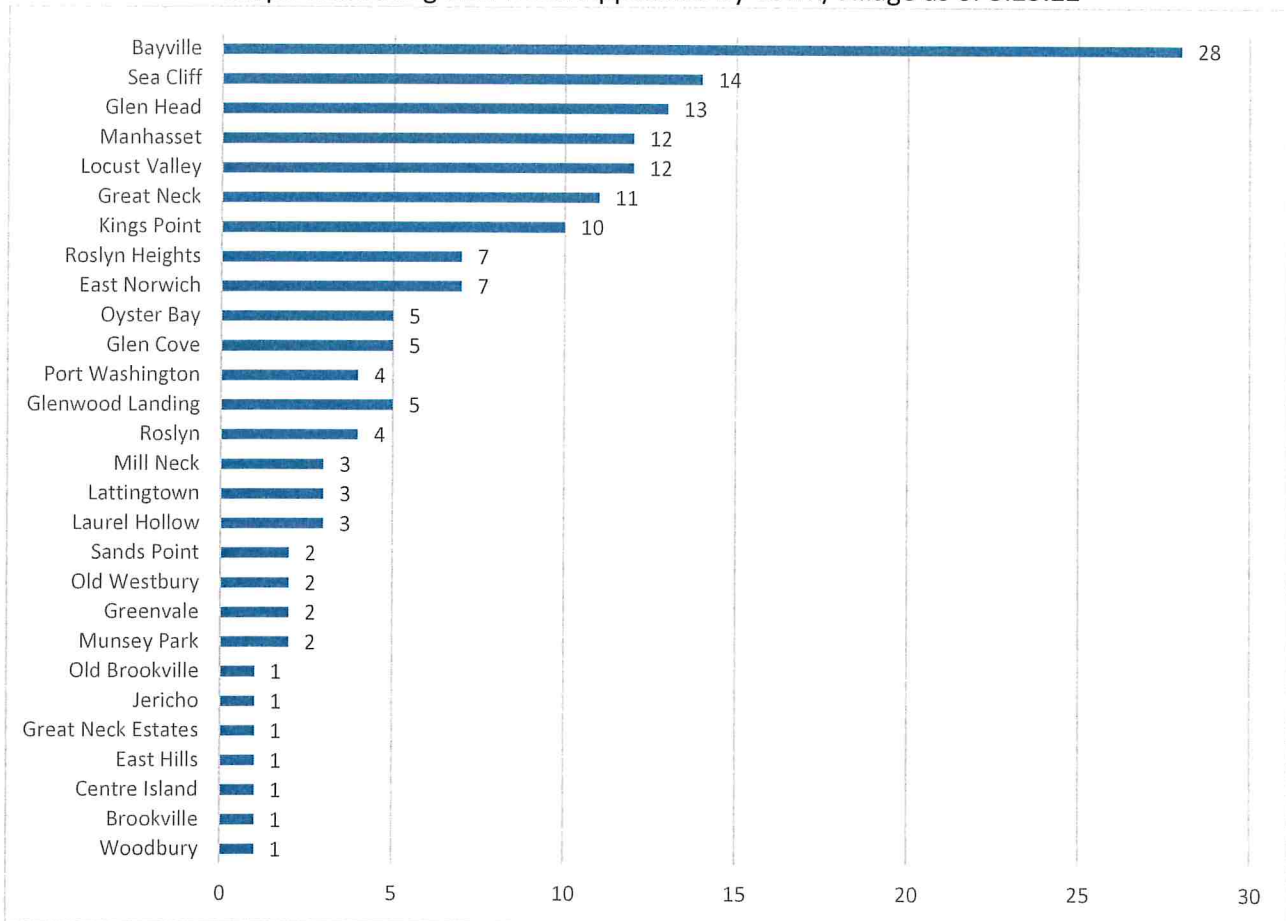
Total # of applications received	195
Current # of active applicants	144
# of grant agreements issued	41
# of grant agreements executed	21
# of grants denied	38
# of duplicates	4
Number of installations	7
Number of pending installations	12

Table Illustrating NYS SSRP Funds Expended, Allocated, and Remaining Unallocated Funds

Total Amount of SSRP funds allocated to Nassau County	\$2,000,000.00
Total Amount of pending SSRP payments as of 3/8/2022	\$70,000.00
Total Amount of SSRP Funds Allocated as of 3/8/2022	\$280,000.00
Total Amount of Unallocated SSRP Funds Allocated as of 3/8/22	\$1,720,00.00
Average SSRP Grant Award	\$10,000.00

- * The seven (7) Installations occurred between December 15 of 2021 and February 28 of 2022
- * Twelve installations are pending for the spring of 2022

Graph Illustrating S.E.P.T.I.C. Applicants by Town/Village as of 3.23.22



Average Costs of Grant Funded I/A OWTS

- Average Engineering Costs = \$2,600.00
- Average SSRP Eligible Installation Costs = \$22,314.00
- Average Total Cost (Including ineligible SSRP costs and Design costs) = \$23,536.20

VI. Projections and Funding Request for 2022/2023

It is anticipated that by April 2022 S.E.P.T.I.C. grant demand will reach an average of 30 installations per month in 2022, which would place the overall SSRP funding demand reaching \$3.6 million for 2022 and 2023. Based on these projections and an anticipated carry-over of approximately \$1.7 million, the County and District respectfully request an additional \$1 million for 2022 and a minimum \$2 million for 2023.

The Nassau County Legislature allocated \$2,000,000 of Federal ARPA funds in 2021 to match the previous 2 SSRP awards of \$1 million each, and we are requesting an additional \$3 million in ARPA allocation again

in 2022 to cover the 2022 and 2033 calendar years. A commitment of \$3 million from SSRP for these calendar years would go a long way in helping us secure that match.

We plan to discuss these items further in the coming months and are willing to provide any supporting documentation that can help to further the discussion



Lawn sign being modeled by Molly Jobin

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9,

2	0	2	2
---	---	---	---

Name of MS4

County of Nassau

SPDES ID

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

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

S	o	u	t	h		S	h	o	r	e		E	s	t	u	a	r	y		R	e	s	e	r	v	e						
---	---	---	---	---	--	---	---	---	---	---	--	---	---	---	---	---	---	---	--	---	---	---	---	---	---	---	--	--	--	--	--	--

Partner/Coalition Name (con't.)

C	o	u	n	c	i	l																											
---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SPDES Partner ID - If applicable

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

Address

3	0	0		W	o	o	d	c	l	e	f	t		A	v	e	n	u	e													
---	---	---	--	---	---	---	---	---	---	---	---	---	--	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--

City

F	r	e	e	p	o	r	t																									
---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

State

N	Y
---	---

Zip

1	1	5	2	0	-				
---	---	---	---	---	---	--	--	--	--

eMail

s	s	e	r	@	d	o	s	.	s	t	a	t	e	.	n	y	.	u	s													
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--

Phone

(

5	1	6
---	---	---

)

4	7	0
---	---	---

 -

2	2	9	7
---	---	---	---

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

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

MM4

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MM5

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MM6

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

Additional tasks/responsibilities

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

--

MS4 Municipal Compliance Certification(MCC) Form

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

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
 / /

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, 2022

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:

- 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

Onsite Wastewater Management

Other

2. Specific audiences targeted during this reporting period:

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

Boaters / Students / Homeowners

Other

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022

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
---	---	---	---	---	---	---	---	---

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

- Construction Site Operators Trained # Trained

				0
--	--	--	--	---
- Direct Mailings # Mailings

--	--	--	--	--
- Kiosks or Other Displays # Locations

	14			
--	----	--	--	--
- List-Serves # In List

		1	8	7
--	--	---	---	---
- Mailing List # In List

		3	7	8
--	--	---	---	---
- Newspaper Ads or Articles # Days Run

			2	9
--	--	--	---	---
- Public Events/Presentations # Attendees

		4	2	0
--	--	---	---	---
- School Program # Attendees

--	--	--	--	--
- TV Spot/Program # Days Run

--	--	--	--	--
- Printed Materials: Total # Distributed

		1	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	V	i	l	l	a	g	e	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
P	u	b	l	i	c	L	i	b	r	a	r	i	e	s				

Other:

F	a	c	e	b	o	o	k	/	Y	o	u	t	u	b	e				
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	--	--	--

Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

URL

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

URL

w	w	.	g	e	t	p	u	m	p	e	d	l	i	.	o	r	g													

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022

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

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

URL
o y s t e r b a y c o l d s p r i n g h a r b o r . o r g

URL
h e m p s t e a d h a r b o r . o r g

URL
h t t p s : / / w w w . n a s s a u c o u n t y n y . g o v / 1
8 7 6 / S t o r m w a t e r - M a n a g e m e n t - P r o g r a
m

URL
h t t p s : / / w w w . n a s s a u s w c d . o r g /

URL
h t t p s : / / d o s . n y . g o v / l o n g - i s l a n d - s
o u t h - s h o r e - e s t u a r y - r e s e r v e - p r o g r
a m

URL
h t t p s : / / w w w . n a s s a u c o u n t y n y . g o v / 1
8 8 2 / W a s t e w a t e r - M a n a g e m e n t - P r o g r a
m

URL
n a s s a u c o u n t y n y . g o v / 5 1 9 1 / N a s s a u - S
e p t i c

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

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.

Refer to MCM 1 goals listed in the attached protection committee "Phase II Activities Undertaken" within this annual report. Invasive species removal occurred at Mill Pond in Wantagh, Hempstead Plains, Cedaremere Park in Roslyn, Twin Lakes in Wantagh, Massapequa Preserve. Started and expanded the Nassau County SEPTIC Program. Develop a Nassau County 9 Element Plan. Fairs and Festivals were cancelled due to the COVID-19. Created new NC LINAP initiatives web page.

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 57,000 views total. Our NCSWCD Facebook/Social Media page had 474 page views, 65 Posts and 141 direct page interactions. Envirothon Website had 16,444 page interactions and 5511 page views/posts. NCSWCD website had 88,331 page interactions, 5920 posts/page views.

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

			1
--	--	--	---

(ex.: samples/participants/events)

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

To re-start (covid-19) the Erosion and Sediment Control training courses through the upcoming reporting year. It is also our intention to attend Festival/Fairs if possible and continue our online educational presence through the storm water pollution and green infrastructure film throughout the reporting year. Continue volunteer weed pulls at various Nassau County Lakes/Ponds, and expand the Nassau County S.E.P.T.I.C Program and complete the Nassau County 9 Element Plan.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022

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

2. URL(s) con't.:

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

URL

h t t p s : / / w w w . n a s s a u c o u n t y n y . g o v / 2
0 4 3 / a n n u a l r e p o r t

URL

h t t p s : / / w w w . n a s s a u c o u n t y n y . g o v / d
o c u m e n t c e n t e r / v i e w / 1 2 9 6

URL

URL

URL

URL

URL

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

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
---	---

 /

0	1
---	---

 /

2	0	2	2
---	---	---	---

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?

--	--

 /

--	--

 /

--	--	--	--

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	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

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 (all online) with the Manhasset Bay Protection Committee, Hempstead Harbor Protection Committee, Oyster Bay Cold Spring Harbor Protection Committee, NCSWCD, South Shore Estuary Reserve Council, the Nassau County Nine Element Stakeholder Group for reducing nitrogen, Long Island Nitrogen Action Plan (LINAP) online meetings.

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

Nassau County Storm Water Management Program Plan is online. The funding of committee partners to include Manhasset Bay Protection Committee, Hempstead Harbor Protection Committee, Oyster Bay Cold Spring Harbor Protection Committee, Nassau County Soil and Water Conservation District.

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

			1
--	--	--	---

(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

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. Continue to update NC Storm Water Management website as needed with any pertinent updated information. Continue to work towards completing the Nassau County Nine Element Nitrogen Reduction Plan and Implement the Nassau County S.E.P.T.I.C. program.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022

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 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. Enter the number and approx. percent of outfalls mapped: # %

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

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

Sewersheds:

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

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.

Compiled a new list of watersheds that need to be re-inspected as per the five year rule. This work will begin in 2022. For this 2021 reporting cycle all of our ORI's were previously completed within the past five years. The new list of ORI's compiled and to be implemented in 2022 include Scudders Pond, Roslyn Pond, Mott Cove Creek, Baxter Brook, Kings Point, Leeds Pond, Manhasset Valley Park, Mitchell's Creek, Sheets Creek, Stannards Brook, West Pond, Yorkshire Brook.

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

All of our ORI's were completed within the five year required period. A new list was established (2021) that will be used in order to begin to re-inspect the outfalls previously inspected within the past five years. The new list includes: cudders Pond, Roslyn Pond, Mott Cove Creek, Baxter Brook, Kings Point, Leeds Pond, Manhasset Valley Park, Mitchell's Creek, Sheets Creek, Stannards Brook, West Pond, Yorkshire Brook.

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

			1
--	--	--	---

(ex.: samples/participants/events)

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

For upcoming reporting cycle the County is anticipating to put out another request for proposal to conduct another round of ORI's, select a consultant and proceed with work. Continue our dry weather flow monitoring program twice per year (spring and fall) and continue to respond to reports of illicit discharges and take action as necessary.

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

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?

		4
--	--	---

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
--	--	---

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:

<input type="radio"/> Notices of Violation	#	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>						<input checked="" type="radio"/> No Authority
<input type="radio"/> Stop Work Orders	#	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>						<input checked="" type="radio"/> No Authority
<input type="radio"/> Criminal Actions	#	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>						<input checked="" type="radio"/> No Authority
<input type="radio"/> Termination of Contracts	#	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>						<input checked="" type="radio"/> No Authority
<input type="radio"/> Administrative Fines	#	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>						<input checked="" type="radio"/> No Authority
<input type="radio"/> Civil Penalties	#	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>						<input checked="" type="radio"/> No Authority
<input type="radio"/> Administrative Orders	#	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>						<input checked="" type="radio"/> No Authority
<input type="radio"/> Enforcement Actions or Sanctions	#	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>						
<input type="radio"/> Other	#	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>						<input checked="" type="radio"/> No Authority

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

Minimum Control Measure 4. Construction Site Stormwater Runoff Control

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

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

How many MS4s contributed to this report?

		1
--	--	---

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

		3
--	--	---

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

		3
--	--	---

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

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

 %

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

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

 %

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

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

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

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

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.

Normally we coordinate with the Nassau County Soil and Water Conservation District to implement sediment and erosion control trainings required for construction operators as per GP-0-08-002, Part VIII.A.4.a.vii. SWPPP Inspector training. However due to the COVID-19 pandemic trainings were canceled this reporting year as per guidelines. We are anticipating to re-start those trainings this reporting period.

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

Due to the COVID-19 Pandemic and subsequent guidance procedures trainings were not given during this reporting period. We are anticipating restarting those programs again, pandemic dependent.

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

			1
--	--	--	---

(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Depending upon the COVID-19 pandemic outcome/and guidance procedures we will anticipate re-starting 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,

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

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
--	--	---

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	<table border="1"><tr><td> </td><td>2</td><td>1</td></tr></table>		2	1	<table border="1"><tr><td> </td><td>2</td><td>1</td></tr></table>		2	1	<table border="1"><tr><td> </td><td>2</td><td>1</td></tr></table>		2	1
	2	1										
	2	1										
	2	1										
<input type="radio"/> Filter Systems	<table border="1"><tr><td>3</td><td>6</td><td>6</td></tr></table>	3	6	6	<table border="1"><tr><td>2</td><td>0</td><td>0</td></tr></table>	2	0	0	<table border="1"><tr><td>2</td><td>0</td><td>0</td></tr></table>	2	0	0
3	6	6										
2	0	0										
2	0	0										
<input type="radio"/> Infiltration Basins	<table border="1"><tr><td>6</td><td>3</td><td>8</td></tr></table>	6	3	8	<table border="1"><tr><td>6</td><td>3</td><td>8</td></tr></table>	6	3	8	<table border="1"><tr><td>6</td><td>3</td><td>8</td></tr></table>	6	3	8
6	3	8										
6	3	8										
6	3	8										
<input type="radio"/> Open Channels	<table border="1"><tr><td> </td><td> </td><td> </td></tr></table>				<table border="1"><tr><td> </td><td> </td><td> </td></tr></table>				<table border="1"><tr><td> </td><td> </td><td> </td></tr></table>			
<input type="radio"/> Ponds	<table border="1"><tr><td> </td><td> </td><td> </td></tr></table>				<table border="1"><tr><td> </td><td> </td><td> </td></tr></table>				<table border="1"><tr><td> </td><td> </td><td> </td></tr></table>			
<input type="radio"/> Wetlands	<table border="1"><tr><td> </td><td> </td><td> </td></tr></table>				<table border="1"><tr><td> </td><td> </td><td> </td></tr></table>				<table border="1"><tr><td> </td><td> </td><td> </td></tr></table>			
<input type="radio"/> Other	<table border="1"><tr><td> </td><td> </td><td> </td></tr></table>				<table border="1"><tr><td> </td><td> </td><td> </td></tr></table>				<table border="1"><tr><td> </td><td> </td><td> </td></tr></table>			

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	.	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,

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

4a. Are the MS4s contributing to this report involved in a regional/watershed wide planning effort?

Yes No

4b. Does the MS4 have a banking and credit system for stormwater management practices?

Yes No

4c. Do the SWMP Plans for each MS4 contributing to this report include a protocol for evaluation and approval of banking and credit of alternative siting of a stormwater management practice?

Yes No

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

		0
--	--	---

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

		0
--	--	---

 %

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

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.

Used our storm water BMP facilities checklist and inspected each existing BMP. Recommended maintenance where required. Continue to Evaluate our Storm Water Basin Inventory to isolate basins with overflows. Continued using our AIM Asset Inventory Management tracking system to maintain Nassau County Storm Water Basins, Catch basins, parking lots, street sweeping operations.

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

The Department continues to evaluate our Storm Water Basin inventory to only include basins that have overflow capability and that may connect to waters of the United States.

Use of our AIM Asset Inventory Management tracking system.

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

			1
--	--	--	---

(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Continue to search and apply for grant opportunities to install additional storm water treatment devices. Continue to check and maintain our existing devices using our 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. Continue to track our Storm Water basin, catch basins, sweeping of parking lots and streets through our AIM tracking system.

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

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
--	--	---

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,

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

2. Provide the following information about municipal operations good housekeeping programs:

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

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

	2	1	3	6
--	---	---	---	---
- Catch Basins Inspected and Cleaned Where Necessary #

	1	7	9	5
--	---	---	---	---
- 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

					.	
--	--	--	--	--	---	--

 (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?

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

4. What was the date of the last training?

0	
---	--

 /

0	
---	--

 /

--	--	--	--

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

		0
--	--	---

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

	5	6
--	---	---

 %

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

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.

online 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 facilities checklists at various county facilities. Track maintenance in AIM Asset Inventory Management Program.

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

Through evaluation of our AIM Asset Inventory Management Program.

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

			1
--	--	--	---

(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Continue to expand the educational training program to additional Nassau County employees. Continue to inspect our county garages/maintenance facilities through our online facilities checklist program. The Department will expand this online training module to additional employees. Continue to use our AIM Asset Inventory Management program database.

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

Additional Watershed Improvement Strategy Best Management Practices

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

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

How many MS4s contributed to this report?

		1
--	--	---

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

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

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

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

If N/A, go to question 3.

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

--	--	--

 %

Estimate what percentage was mapped in this reporting period.

--	--	--

 %

MS4 Annual Report Form

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

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

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
--	--	---

 %

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,

2	0	2	2
---	---	---	---

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
---	---	---	---	---	---	---	---	---

- 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